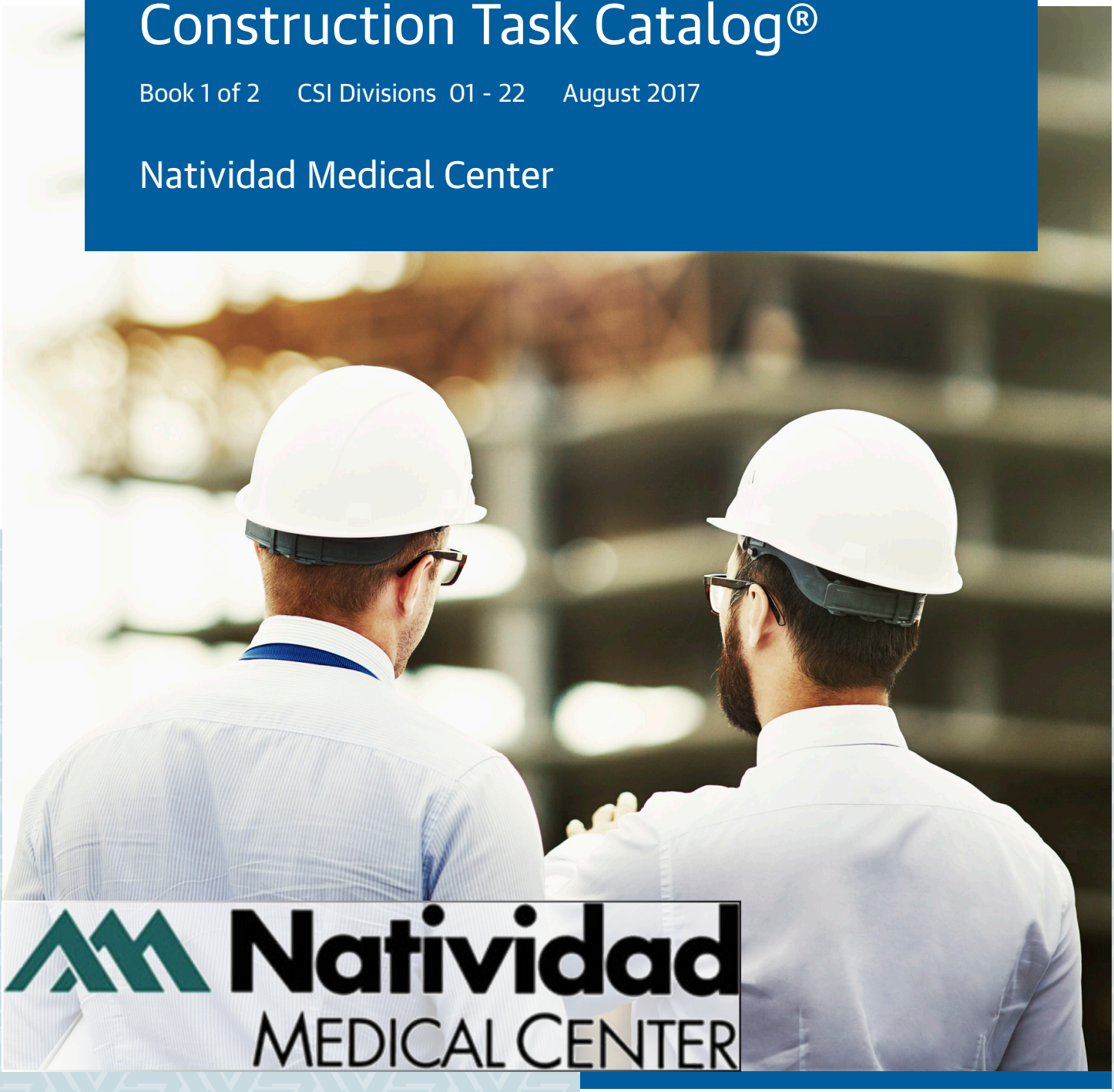
Building knowledge

Job Order Contract Construction Task Catalog®

Book 1 of 2 CSI Divisions 01 - 22 August 2017

Natividad Medical Center



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- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in August 2017.
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MasterFormat™

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

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

Labor Costs:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

Equipment Costs:

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

Material Costs:

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

The Adjustment Factors Include:

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

Business Costs:

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

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

PROJECT RELATED COSTS:

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

PRICE VARIATIONS:

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

SUMMARY:

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

Unit Price	X	Quantity	X	Adjustment Factor

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

General Rules:

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

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2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task.

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

☑ Assembly tasks take precedence over individual component tasks.

RESTRICTED AND CONFINED SPACES:

☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.

☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

TECHNICAL SPECIFICATIONS:

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

Material Weights:

Earthen Material

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

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

Bulk Factors for Demolition:

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

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

Conversions:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 20 Price And Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

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

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

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

01 22 16 00-0002	EA	Reimbursable Fees	1.00

Note: Reimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is $1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = $125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.

01 22 20 Wage Rates *(01 22)*

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker	58.58
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*2.93*
		For Apprentice, Deduct	*-11.72*
01 22 20 00-0003	HR	Insulator	90.28
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.51*
		For Apprentice, Deduct	*-18.06*
01 22 20 00-0004	HR	Boilermaker	86.49
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.32*
		For Apprentice, Deduct	*-17.30*
01 22 20 00-0005	HR	Brick Layer	85.13
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.26*
		For Apprentice, Deduct	*-17.03*
01 22 20 00-0006	HR	Carpenter	91.24
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.56*
		For Apprentice, Deduct	*-18.25*
01 22 20 00-0007	HR	Carpet, Linoleum	99.04
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.95*
		For Apprentice, Deduct	*-19.81*
01 22 20 00-0008	HR	Cement Mason	70.32
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*3.52*
		For Apprentice, Deduct	*-14.06*
01 22 20 00-0009	HR	Drywall Finisher	83.48
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.17*
		For Apprentice, Deduct	*-16.70*
01 22 20 00-0010	HR	Electrician	89.90
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.50*
		For Apprentice, Deduct	*-17.98*
01 22 20 00-0011	HR	Equipment Operator, Heavy (Crane)	90.55
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.53*
		For Apprentice, Deduct	*-18.11*
01 22 20 00-0012	HR	Equipment Operator, Medium (Bulldozer)	85.47
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.27*
		For Apprentice, Deduct	*-17.09*
01 22 20 00-0013	HR	Equipment Operator, Light (Backhoe, Skid-Steer Loader)	80.24
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.01*
		For Apprentice, Deduct	*-16.05*
01 22 20 00-0014	HR	Glazier	93.68
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.68*
		For Apprentice, Deduct	*-18.74*
01 22 20 00-0015	HR	Laborer	67.72
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0016	HR	Lather	84.39
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.22*
		For Apprentice, Deduct	*-16.88*
01 22 20 00-0017	HR	Marble Setter	93.86
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.69*
		For Apprentice, Deduct	*-18.77*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0018	HR	Millwright	85.76	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.29*	
		For Apprentice, Deduct	*-17.15*	
01 22 20 00-0019	HR	Mold Removal Worker	71.48	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.57*	
		For Apprentice, Deduct	*-14.30*	
01 22 20 00-0020	HR	Painter,	80.19	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.01*	
		For Apprentice, Deduct	*-16.04*	
01 22 20 00-0021	HR	Painter, Structural Steel	81.20	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.06*	
		For Apprentice, Deduct	*-16.24*	
01 22 20 00-0022	HR	Paperhanger	81.65	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.08*	
		For Apprentice, Deduct	*-16.33*	
01 22 20 00-0023	HR	Pile Drivers	98.59	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.93*	
		For Apprentice, Deduct	*-19.72*	
01 22 20 00-0024	HR	Plasterer	79.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.96*	
		For Apprentice, Deduct	*-15.82*	
01 22 20 00-0025	HR	Plumber	90.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.54*	
		For Apprentice, Deduct	*-18.17*	
01 22 20 00-0026	HR	Powderman	72.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.61*	
		For Apprentice, Deduct	*-14.42*	
01 22 20 00-0027	HR	Rodman (Reinforcing)/Ornamental Steel Worker	79.95	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.00*	
		For Apprentice, Deduct	*-15.99*	
01 22 20 00-0028	HR	Roofer, Composite	95.01	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.75*	
		For Apprentice, Deduct	*-19.00*	
01 22 20 00-0029	HR	Roofer, Metal	126.97	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0030	HR	Roofer, Tile/Slate	95.01	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.75*	
		For Apprentice, Deduct	*-19.00*	
01 22 20 00-0031	HR	Sheet Metal Worker	95.46	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.77*	
		For Apprentice, Deduct	*-19.09*	
01 22 20 00-0032	HR	Sprinkler Installer	72.83	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.64*	
		For Apprentice, Deduct	*-14.57*	
01 22 20 00-0033	HR	Steam / Pipe Fitter	90.86	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.54*	
		For Apprentice, Deduct	*-18.17*	
01 22 20 00-0034	HR	Stone Mason	85.13	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.26*	
		For Apprentice, Deduct	*-17.03*	
01 22 20 00-0035	HR	Structural Steel Worker	83.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.18*	
		For Apprentice, Deduct	*-16.71*	
01 22 20 00-0036	HR	Tile Layer	78.31	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.92*	
		For Apprentice, Deduct	*-15.66*	
01 22 20 00-0037	HR	Terrazzo Worker	85.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.26*	
		For Apprentice, Deduct	*-17.02*	
01 22 20 00-0038	HR	Truck Driver,	71.14	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.56*	
		For Apprentice, Deduct	*-14.23*	

01 22 20 00-0039 Rates For Services *(01 22 20)*

01 22 20 00-0040	HR	Watchman/Guard, Unarmed	22.61
01 22 20 00-0041	HR	Watchman/Guard, Armed	29.33
01 22 20 00-0042	HR	Investigating Engineer, Specialty Consultant, Or Designer	80.00
		Note: For special investigating requirements or services outside required architectural, engineering services or designer	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0043	HR	Investigating Senior Engineer, Specialty Consultant, Or Designer Note: For special investigating requirements or services outside required architectural, engineering services or designer	125.00	
01 22 20 00-0044	HR	Industrial Hygienist	71.28	
01 22 20 00-0045	HR	On-Site Certified Materials Testing Technician	43.35	
01 22 20 00-0046	HR	Certified Industrial Hygienist	125.30	
01 22 20 00-0047	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.56	
01 22 20 00-0048	HR	Locksmith Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	88.73	

01 22 20 00-0049 Rates For Traffic Control *(01 22 20)*

01 22 20 00-0050	HR	Flagperson For Traffic Control	67.72	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

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

01 22 23 00-0002 Manlifts *(01 22 23 00-0001)*

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

01 22 23 00-0003 Telescoping Boom Manlifts *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Manlifts *(01 22 23 00-0003)*

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

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Manlift	443.76	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Manlift	1,116.57	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Manlift	2,505.12	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Manlift	651.33	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Manlift	1,553.18	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Manlift	3,399.81	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Manlift	1,266.88	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Manlift	3,070.57	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Manlift	6,441.75	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Manlift	1,803.69	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Manlift	4,343.17	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Manlift	10,822.14	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Manlift	2,197.35	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Manlift	5,604.32	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Manlift	12,740.35	

01 22 23 00-0020 Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0020)*

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

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Manlift	380.19	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Manlift	953.92	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Manlift	2,294.95	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Manlift	483.88	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Manlift	1,057.61	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Manlift	2,625.37	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Manlift	622.12	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Manlift	1,437.80	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Manlift	3,214.31	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Manlift	1,085.26	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Manlift	2,557.62	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Manlift	6,219.87	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Manlift	2,108.31	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Manlift	4,977.00	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Manlift	12,166.00	

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Manlifts *(01 22 23 00-0020)*

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Manlift	380.19	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Manlift	953.92	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Manlift	2,294.95	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Manlift	380.19	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Manlift	953.92	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Manlift	2,294.95	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Manlift	470.05	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Manlift	1,016.14	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Manlift	2,523.06	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Manlift	470.05	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Manlift	1,016.14	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Manlift	2,523.06	

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

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

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0051		**Electric, Scissor Platform Lifts** *(01 22 23 00-0050)*		
		Note: For use on paved surfaces.		
01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	189.06	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	378.11	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	773.42	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	206.24	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	412.49	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	824.98	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	266.40	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	532.80	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,142.94	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	343.74	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	678.89	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,503.86	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	369.52	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	721.85	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,632.76	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	481.24	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,194.50	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,325.68	
01 22 23 00-0070		**Engine Powered, Scissor Platform Lifts** *(01 22 23 00-0050)*		
		Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	386.71	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	756.23	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,847.60	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	395.30	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	902.32	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	1,976.50	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	438.27	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,005.44	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,234.31	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	464.05	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,082.78	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,663.98	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	867.94	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	1,907.76	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	4,692.05	
01 22 23 00-0086		**Personnel Lifts** *(01 22 23 00-0001)*		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	181.73	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	514.90	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	1,039.89	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	252.40	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	535.09	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,049.98	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	424.03	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	1,029.79	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	3,008.61	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	454.32	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	1,130.75	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	3,402.35	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	242.30	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	484.61	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	969.22	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	242.30	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	484.61	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	1,007.58	
01 22 23 00-0105		**Bucket Trucks** *(01 22 23 00-0001)*		
		Note: Includes full-time operator, delivery, and removal.		
01 22 23 00-0106	DAY	48' Bucket Truck With Full-Time Operator	1,109.75	
		For Equipment Without Operator, Deduct	*-572.57*	
01 22 23 00-0107	WK	48' Bucket Truck With Full-Time Operator	4,781.36	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-0108	MO	48' Bucket Truck With Full-Time Operator	17,839.63	
		For Equipment Without Operator, Deduct	*-12,339.93*	
01 22 23 00-0109		**Air Equipment** *(01 22 23)*		
01 22 23 00-0110		**Air Compressors** *(01 22 23 00-0109)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0111	DAY	100 CFM Diesel Powered Portable Air Compressor	150.63	
01 22 23 00-0112	WK	100 CFM Diesel Powered Portable Air Compressor	451.89	
01 22 23 00-0113	MO	100 CFM Diesel Powered Portable Air Compressor	1,255.25	
01 22 23 00-0114	DAY	130 CFM Diesel Powered Portable Air Compressor	180.76	
01 22 23 00-0115	WK	130 CFM Diesel Powered Portable Air Compressor	532.23	
01 22 23 00-0116	MO	130 CFM Diesel Powered Portable Air Compressor	1,506.30	
01 22 23 00-0117	DAY	185 CFM Diesel Powered Portable Air Compressor	241.01	
01 22 23 00-0118	WK	185 CFM Diesel Powered Portable Air Compressor	542.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0119	MO	185 CFM Diesel Powered Portable Air Compressor	1,195.00	
01 22 23 00-0120	DAY	375 CFM Diesel Powered Portable Air Compressor	341.43	
01 22 23 00-0121	WK	375 CFM Diesel Powered Portable Air Compressor	863.61	
01 22 23 00-0122	MO	375 CFM Diesel Powered Portable Air Compressor	2,058.61	
01 22 23 00-0123	DAY	600 CFM Diesel Powered Portable Air Compressor	759.18	
01 22 23 00-0124	WK	600 CFM Diesel Powered Portable Air Compressor	1,827.64	
01 22 23 00-0125	MO	600 CFM Diesel Powered Portable Air Compressor	4,555.05	
01 22 23 00-0126	DAY	750 CFM Diesel Powered Portable Air Compressor	913.82	
01 22 23 00-0127	WK	750 CFM Diesel Powered Portable Air Compressor	2,249.41	
01 22 23 00-0128	MO	750 CFM Diesel Powered Portable Air Compressor	5,523.10	
01 22 23 00-0129	DAY	825 CFM Diesel Powered Portable Air Compressor	913.82	
01 22 23 00-0130	WK	825 CFM Diesel Powered Portable Air Compressor	2,249.41	
01 22 23 00-0131	MO	825 CFM Diesel Powered Portable Air Compressor	5,523.10	
01 22 23 00-0132	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,064.45	
01 22 23 00-0133	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,385.98	
01 22 23 00-0134	MO	1,300 CFM Diesel Powered Portable Air Compressor	6,362.61	
01 22 23 00-0135	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,325.54	
01 22 23 00-0136	WK	1,600 CFM Diesel Powered Portable Air Compressor	2,982.47	
01 22 23 00-0137	MO	1,600 CFM Diesel Powered Portable Air Compressor	7,953.26	

01 22 23 00-0138 Negative Air Machines *(01 22 23 00-0109)*

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

01 22 23 00-0139	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	106.76	
01 22 23 00-0140	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	438.47	
01 22 23 00-0141	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	1,324.95	
01 22 23 00-0142	EA	Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine	17.47	
01 22 23 00-0143	EA	Replacement HEPA Filter, 99.99% Efficient @ 0.3 Micron For Negative Air Machine Note: For use on monthly rental units over three months	205.22	
01 22 23 00-0144	LF	Discharge Flexible Duct For Negative Air Machine	1.23	
01 22 23 00-0145	EA	Move Negative Air Equipment And Discharge Duct	27.21	

01 22 23 00-0146 Portable Air Scrubbers *(01 22 23 00-0109)*

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

01 22 23 00-0147	DAY	200 to 1,000 CFM Portable Air Scrubber	86.25	
01 22 23 00-0148	WK	200 to 1,000 CFM Portable Air Scrubber	358.52	
01 22 23 00-0149	MO	200 to 1,000 CFM Portable Air Scrubber	992.44	
01 22 23 00-0150	DAY	>1,000 to 2,000 CFM Portable Air Scrubber	109.12	
01 22 23 00-0151	WK	>1,000 to 2,000 CFM Portable Air Scrubber	452.05	
01 22 23 00-0152	MO	>1,000 to 2,000 CFM Portable Air Scrubber	1,324.98	

01 22 23 00-0153 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0154 Pavers And Rollers *(01 22 23 00-0153)*

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

01 22 23 00-0155 Pavers *(01 22 23 00-0154)*

01 22 23 00-0156	DAY	10' Wide Paving Machine With Full-Time Operator	3,081.75	
		For Equipment Without Operator, Deduct		*-683.75*
01 22 23 00-0157	WK	10' Wide Paving Machine With Full-Time Operator	13,015.73	
		For Equipment Without Operator, Deduct		*-3,418.74*
01 22 23 00-0158	MO	10' Wide Paving Machine With Full-Time Operator	48,998.82	
		For Equipment Without Operator, Deduct		*-14,735.97*

01 22 23 00-0159 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0154)*

01 22 23 00-0160	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,097.00	
		For Equipment Without Operator, Deduct		*-683.75*
01 22 23 00-0161	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	4,668.64	
		For Equipment Without Operator, Deduct		*-3,418.74*
01 22 23 00-0162	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	18,128.97	
		For Equipment Without Operator, Deduct		*-14,735.97*
01 22 23 00-0163	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,256.50	
		For Equipment Without Operator, Deduct		*-683.75*
01 22 23 00-0164	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,854.74	
		For Equipment Without Operator, Deduct		*-3,418.74*
01 22 23 00-0165	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	19,919.72	
		For Equipment Without Operator, Deduct		*-14,735.97*
01 22 23 00-0166	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,263.75	
		For Equipment Without Operator, Deduct		*-683.75*
01 22 23 00-0167	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	5,383.49	
		For Equipment Without Operator, Deduct		*-3,418.74*
01 22 23 00-0168	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	20,267.72	
		For Equipment Without Operator, Deduct		*-14,735.97*

01 22 23 00-0169 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0154)*

01 22 23 00-0170	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,162.25	
		For Equipment Without Operator, Deduct		*-683.75*
01 22 23 00-0171	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,745.49	
		For Equipment Without Operator, Deduct		*-3,418.74*
01 22 23 00-0172	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,571.22	
		For Equipment Without Operator, Deduct		*-14,735.97*
01 22 23 00-0173	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,466.75	
		For Equipment Without Operator, Deduct		*-683.75*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0174	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,361.74	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0175	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,514.22	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0176	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,539.25	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0177	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,818.49	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0178	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,790.22	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0179 Towed, Padfoot Rollers *(01 22 23 00-0154)*

01 22 23 00-0180	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	137.75	
01 22 23 00-0181	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	398.75	
01 22 23 00-0182	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,174.50	
01 22 23 00-0183	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	174.00	
01 22 23 00-0184	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	485.75	
01 22 23 00-0185	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	2,066.25	

01 22 23 00-0186 Static Rollers *(01 22 23 00-0154)*

01 22 23 00-0187	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,198.50	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0188	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,057.24	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0189	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	19,593.47	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0190	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,358.00	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0191	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,492.24	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0192	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	20,796.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0193 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0154)*

01 22 23 00-0194	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	966.50	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0195	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,245.24	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0196	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,910.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0197	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,075.25	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0198	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,571.49	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0199	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	17,780.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0200	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,147.75	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0201	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,788.99	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0202	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,360.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0203	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,242.00	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0204	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,064.49	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0205	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,078.72	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0206	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,430.50	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0207	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,615.49	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0208	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,535.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0209 Steel Roadway Plates *(01 22 23 00-0153)*

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

01 22 23 00-0210	DAY	1" x 4' x 8' Steel Plate	18.75
01 22 23 00-0211	WK	1" x 4' x 8' Steel Plate	44.27
01 22 23 00-0212	MO	1" x 4' x 8' Steel Plate	58.26
01 22 23 00-0213	DAY	1" x 4' x 10' Steel Plate	25.00
01 22 23 00-0214	WK	1" x 4' x 10' Steel Plate	56.25
01 22 23 00-0215	MO	1" x 4' x 10' Steel Plate	68.75
01 22 23 00-0216	DAY	1" x 5' x 10' Steel Plate	26.04
01 22 23 00-0217	WK	1" x 5' x 10' Steel Plate	58.85
01 22 23 00-0218	MO	1" x 5' x 10' Steel Plate	156.24
01 22 23 00-0219	DAY	1" x 6' x 8' Steel Plate	16.67
01 22 23 00-0220	WK	1" x 6' x 8' Steel Plate	37.50
01 22 23 00-0221	MO	1" x 6' x 8' Steel Plate	99.99
01 22 23 00-0222	DAY	1" x 6' x 10' Steel Plate	31.25
01 22 23 00-0223	WK	1" x 6' x 10' Steel Plate	41.14
01 22 23 00-0224	MO	1" x 6' x 10' Steel Plate	109.89
01 22 23 00-0225	DAY	1" x 6' x 12' Steel Plate	43.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0226	WK	1" x 6' x 12' Steel Plate	55.99	
01 22 23 00-0227	MO	1" x 6' x 12' Steel Plate	151.55	
01 22 23 00-0228	DAY	1" x 8' x 10' Steel Plate	27.60	
01 22 23 00-0229	WK	1" x 8' x 10' Steel Plate	61.98	
01 22 23 00-0230	MO	1" x 8' x 10' Steel Plate	165.09	
01 22 23 00-0231	DAY	1" x 8' x 12' Steel Plate	50.00	
01 22 23 00-0232	WK	1" x 8' x 12' Steel Plate	61.98	
01 22 23 00-0233	MO	1" x 8' x 12' Steel Plate	299.98	
01 22 23 00-0234	DAY	1" x 8' x 16' Steel Plate	66.66	
01 22 23 00-0235	WK	1" x 8' x 16' Steel Plate	149.99	
01 22 23 00-0236	MO	1" x 8' x 16' Steel Plate	399.97	
01 22 23 00-0237	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	1.66	0.83
01 22 23 00-0238	EA	Remove And Reset Steel Roadway Plate	23.07	

01 22 23 00-0239 Street Sweepers *(01 22 23 00-0153)*

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

01 22 23 00-0240	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	900.32	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0241	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	4,248.19	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0242	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	17,542.45	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0243	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	1,535.10	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0244	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	6,772.31	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0245	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	26,552.38	
		For Equipment Without Operator, Deduct	*-13,834.64*	

01 22 23 00-0246 Earthmoving Equipment *(01 22 23)*

01 22 23 00-0247 Skid-Steer Loaders (Bobcat) *(01 22 23 00-0246)*

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

01 22 23 00-0248	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	918.91	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0249	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	3,936.27	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0250	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	15,584.58	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0251	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	991.92	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0252	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	4,068.38	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0253	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	15,874.30	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0254	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	1,012.78	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0255	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	4,258.44	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0256	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	16,378.43	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0257	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	1,093.90	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0258	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	4,524.99	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0259	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	17,259.19	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0260	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	1,232.97	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0261	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	5,052.29	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0262	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	18,557.16	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0263	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	231.78	
01 22 23 00-0264	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	770.67	
01 22 23 00-0265	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,051.25	
01 22 23 00-0266	DAY	Forklift Attachment For Skid-Steer Loaders	49.83	
01 22 23 00-0267	WK	Forklift Attachment For Skid-Steer Loaders	133.27	
01 22 23 00-0268	MO	Forklift Attachment For Skid-Steer Loaders	376.64	
01 22 23 00-0269	DAY	Backhoe Attachment For Skid-Steer Loaders	110.10	
01 22 23 00-0270	WK	Backhoe Attachment For Skid-Steer Loaders	264.23	
01 22 23 00-0271	MO	Backhoe Attachment For Skid-Steer Loaders	657.10	
01 22 23 00-0272	DAY	Broom Attachment For Skid-Steer Loaders	108.94	
01 22 23 00-0273	WK	Broom Attachment For Skid-Steer Loaders	295.52	
01 22 23 00-0274	MO	Broom Attachment For Skid-Steer Loaders	782.26	
01 22 23 00-0275	DAY	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	73.01	
01 22 23 00-0276	WK	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	231.78	
01 22 23 00-0277	MO	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	550.48	

01 22 23 00-0278 Bulldozers *(01 22 23 00-0246)*

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0279	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,059.86	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0280	WK	70 HP, D3 Bulldozer With Full-Time Operator	4,901.91	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0281	MO	70 HP, D3 Bulldozer With Full-Time Operator	19,135.80	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0282	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,237.28	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0283	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	5,618.66	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0284	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	21,335.71	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0285	DAY	140 HP, D6 Bulldozer With Full-Time Operator	1,741.13	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0286	WK	140 HP, D6 Bulldozer With Full-Time Operator	7,634.06	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0287	MO	140 HP, D6 Bulldozer With Full-Time Operator	27,367.74	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0288	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,188.21	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0289	WK	200 HP, D7 Bulldozer With Full-Time Operator	9,429.48	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0290	MO	200 HP, D7 Bulldozer With Full-Time Operator	32,761.08	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0291	DAY	335 HP, D8 Bulldozer With Full-Time Operator	2,720.45	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0292	WK	335 HP, D8 Bulldozer With Full-Time Operator	11,558.43	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0293	MO	335 HP, D8 Bulldozer With Full-Time Operator	39,147.93	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0294	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,018.50	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0295	WK	460 HP, D9 Bulldozer With Full-Time Operator	12,743.54	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0296	MO	460 HP, D9 Bulldozer With Full-Time Operator	42,696.18	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0297 Hydraulic Excavators *(01 22 23 00-0246)*

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

01 22 23 00-0298	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,034.21	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0299	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	4,658.33	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0300	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	18,889.57	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0301	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,132.86	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0302	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	5,093.16	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0303	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	20,628.89	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0304	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,164.01	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0305	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	5,255.41	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0306	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	20,914.45	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0307	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,196.46	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0308	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	5,404.68	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0309	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	21,200.01	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0310	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,222.42	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0311	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	5,560.44	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0312	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	21,485.57	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0313	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,572.88	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0314	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	6,955.79	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0315	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	25,347.12	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0316	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,624.80	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0317	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	7,182.94	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0318	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	26,028.57	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0319	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,722.15	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0320	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	7,572.34	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0321	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	27,196.77	
		For Equipment Without Operator, Deduct	*-14,735.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0322	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	1,832.48	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0323	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	8,007.17	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0324	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	28,494.77	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0325	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	1,864.93	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0326	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	8,136.97	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0327	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	28,884.17	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0328	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,176.45	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0329	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	9,389.54	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0330	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	32,648.37	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0331	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	2,624.26	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0332	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	11,167.80	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0333	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	37,970.17	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0334	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	90.86	
01 22 23 00-0335	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	350.46	
01 22 23 00-0336	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,038.40	
01 22 23 00-0337	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	402.38	
01 22 23 00-0338	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,064.36	
01 22 23 00-0339	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,978.91	
01 22 23 00-0340	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	623.04	
01 22 23 00-0341	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,590.05	
01 22 23 00-0342	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,134.13	
01 22 23 00-0343	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	869.66	
01 22 23 00-0344	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,342.89	
01 22 23 00-0345	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	6,567.88	
01 22 23 00-0346	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	181.72	
01 22 23 00-0347	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	726.88	
01 22 23 00-0348	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,180.64	
01 22 23 00-0349	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	259.60	
01 22 23 00-0350	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,038.40	
01 22 23 00-0351	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,115.20	
01 22 23 00-0352	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	285.56	
01 22 23 00-0353	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,129.26	
01 22 23 00-0354	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,374.80	

01 22 23 00-0355 Mini-Excavators *(01 22 23 00-0246)*

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

01 22 23 00-0356	DAY	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	956.33	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0357	WK	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	4,191.05	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0358	MO	2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	16,436.35	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0359	DAY	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	962.82	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0360	WK	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	4,210.52	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0361	MO	3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	16,845.22	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0362	DAY	6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	995.27	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0363	WK	6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	4,301.38	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0364	MO	6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	16,903.63	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0365	DAY	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	1,008.25	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0366	WK	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	4,346.81	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0367	MO	7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	16,929.59	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0368	DAY	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	1,086.13	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0369	WK	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	4,411.71	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0370	MO	9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	17,682.43	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0371	DAY	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	1,092.62	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0372	WK	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	4,736.21	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0373	MO	11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	17,714.88	
		For Equipment Without Operator, Deduct	*-14,735.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0374		**Loader-Backhoes With Standard Bucket** *(01 22 23 00-0246)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0375	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,077.37	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0376	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	4,353.60	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0377	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	16,936.05	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0378	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,119.55	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0379	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	4,501.21	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0380	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	17,835.76	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0381	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,184.57	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0382	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	4,662.87	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0383	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	18,299.67	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0384	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,474.51	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0385	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	5,527.44	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0386	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	20,773.88	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0387		**Heavy Duty Construction Loaders** *(01 22 23 00-0246)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0388	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,228.13	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0389	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	5,571.12	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0390	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	21,184.72	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0391	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,680.37	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0392	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	6,065.24	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0393	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	21,435.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0394	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,780.87	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0395	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	6,333.24	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0396	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	22,105.97	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0397	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,057.25	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0398	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	7,061.86	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0399	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	23,948.47	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0400	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,769.13	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0401	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	11,743.49	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0402	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	39,693.47	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0403	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	7,459.04	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0404	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	25,419.63	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0405	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	74,694.35	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0406		**Shoring** *(01 22 23 00-0246)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0407		**Aluminum Hydraulic Shoring** *(01 22 23 00-0406)* Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0408	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	30.17	
01 22 23 00-0409	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	88.99	
01 22 23 00-0410	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	40.47	
01 22 23 00-0411	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	119.38	
01 22 23 00-0412	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	75.05	
01 22 23 00-0413	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	221.40	
01 22 23 00-0414	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	21.26	
01 22 23 00-0415	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	34.02	
01 22 23 00-0416	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	56.70	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0417		Trench Boxes/Trench Shields *(01 22 23 00-0246)* Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0418	WK	4' x 6' Trench Box With Up To 48" Spreaders	147.61	
01 22 23 00-0419	MO	4' x 6' Trench Box With Up To 48" Spreaders	442.82	
01 22 23 00-0420	WK	6' x 6' Trench Box With Up To 48" Spreaders	166.65	
01 22 23 00-0421	MO	6' x 6' Trench Box With Up To 48" Spreaders	499.96	
01 22 23 00-0422	WK	8' x 6' Trench Box With Up To 48" Spreaders	176.18	
01 22 23 00-0423	MO	8' x 6' Trench Box With Up To 48" Spreaders	528.53	
01 22 23 00-0424	WK	4' x 8' Trench Box With Up To 48" Spreaders	161.89	
01 22 23 00-0425	MO	4' x 8' Trench Box With Up To 48" Spreaders	485.67	
01 22 23 00-0426	WK	6' x 8' Trench Box With Up To 48" Spreaders	190.46	
01 22 23 00-0427	MO	6' x 8' Trench Box With Up To 48" Spreaders	571.38	
01 22 23 00-0428	WK	8' x 8' Trench Box With Up To 48" Spreaders	214.27	
01 22 23 00-0429	MO	8' x 8' Trench Box With Up To 48" Spreaders	642.80	
01 22 23 00-0430	WK	4' x 10' Trench Box With Up To 48" Spreaders	180.94	
01 22 23 00-0431	MO	4' x 10' Trench Box With Up To 48" Spreaders	542.81	
01 22 23 00-0432	WK	6' x 10' Trench Box With Up To 48" Spreaders	214.27	
01 22 23 00-0433	MO	6' x 10' Trench Box With Up To 48" Spreaders	642.80	
01 22 23 00-0434	WK	8' x 10' Trench Box With Up To 48" Spreaders	261.88	
01 22 23 00-0435	MO	8' x 10' Trench Box With Up To 48" Spreaders	780.89	
01 22 23 00-0436	WK	4' x 12' Trench Box With Up To 48" Spreaders	214.27	
01 22 23 00-0437	MO	4' x 12' Trench Box With Up To 48" Spreaders	642.80	
01 22 23 00-0438	WK	6' x 12' Trench Box With Up To 48" Spreaders	261.88	
01 22 23 00-0439	MO	6' x 12' Trench Box With Up To 48" Spreaders	785.65	
01 22 23 00-0440	WK	8' x 12' Trench Box With Up To 48" Spreaders	333.30	
01 22 23 00-0441	MO	8' x 12' Trench Box With Up To 48" Spreaders	999.92	
01 22 23 00-0442	WK	4' x 14' Trench Box With Up To 48" Spreaders	238.08	
01 22 23 00-0443	MO	4' x 14' Trench Box With Up To 48" Spreaders	714.22	
01 22 23 00-0444	WK	6' x 14' Trench Box With Up To 48" Spreaders	309.50	
01 22 23 00-0445	MO	6' x 14' Trench Box With Up To 48" Spreaders	928.49	
01 22 23 00-0446	WK	8' x 14' Trench Box With Up To 48" Spreaders	380.92	
01 22 23 00-0447	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,142.76	
01 22 23 00-0448	WK	4' x 16' Trench Box With Up To 48" Spreaders	261.88	
01 22 23 00-0449	MO	4' x 16' Trench Box With Up To 48" Spreaders	785.65	
01 22 23 00-0450	WK	6' x 16' Trench Box With Up To 48" Spreaders	357.11	
01 22 23 00-0451	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,071.34	
01 22 23 00-0452	WK	8' x 16' Trench Box With Up To 48" Spreaders	428.54	
01 22 23 00-0453	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,285.60	
01 22 23 00-0454	WK	4' x 20' Trench Box With Up To 48" Spreaders	309.50	
01 22 23 00-0455	MO	4' x 20' Trench Box With Up To 48" Spreaders	928.49	
01 22 23 00-0456	WK	6' x 20' Trench Box With Up To 48" Spreaders	428.54	
01 22 23 00-0457	MO	6' x 20' Trench Box With Up To 48" Spreaders	1,285.60	
01 22 23 00-0458	WK	8' x 20' Trench Box With Up To 48" Spreaders	499.96	
01 22 23 00-0459	MO	8' x 20' Trench Box With Up To 48" Spreaders	1,499.87	
01 22 23 00-0460	WK	4' x 24' Trench Box With Up To 48" Spreaders	428.54	
01 22 23 00-0461	MO	4' x 24' Trench Box With Up To 48" Spreaders	1,285.60	
01 22 23 00-0462	WK	6' x 24' Trench Box With Up To 48" Spreaders	523.76	
01 22 23 00-0463	MO	6' x 24' Trench Box With Up To 48" Spreaders	1,571.30	
01 22 23 00-0464	WK	8' x 24' Trench Box With Up To 48" Spreaders	571.38	
01 22 23 00-0465	MO	8' x 24' Trench Box With Up To 48" Spreaders	1,714.14	
01 22 23 00-0466	WK	For Spreaders >48" To 84", Add	14.28	
01 22 23 00-0467	MO	For Spreaders >48" To 84", Add	42.85	
01 22 23 00-0468	WK	For Spreaders >84" To 120", Add	85.71	
01 22 23 00-0469	MO	For Spreaders >84" To 120", Add	257.12	
01 22 23 00-0470	WK	For Spreaders >120", Add	180.94	
01 22 23 00-0471	MO	For Spreaders >120", Add	542.81	
01 22 23 00-0472	WK	8' x 4' Manhole Box	224.98	
01 22 23 00-0473	MO	8' x 4' Manhole Box	674.94	
01 22 23 00-0474	WK	8' x 8' Manhole Box	321.40	
01 22 23 00-0475	MO	8' x 8' Manhole Box	964.20	
01 22 23 00-0476		Trenchers *(01 22 23 00-0246)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0477	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,014.41	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0478	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	4,545.04	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0479	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	17,835.87	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0480	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,572.39	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0481	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,425.64	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0482	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	23,002.37	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0483		Heavy Equipment Mats *(01 22 23 00-0246)* Note: Rental price per mat. Excludes mobilization and demobilization. See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0484	Day	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	20.00	
01 22 23 00-0485	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	47.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0486	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	100.00	
01 22 23 00-0487	Day	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	21.00	
01 22 23 00-0488	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	50.00	
01 22 23 00-0489	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	105.00	
01 22 23 00-0490	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.00	
01 22 23 00-0491	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	40.00	
01 22 23 00-0492	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	85.00	
01 22 23 00-0493	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	19.00	
01 22 23 00-0494	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	45.00	
01 22 23 00-0495	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	95.00	
01 22 23 00-0496	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	21.00	
01 22 23 00-0497	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	50.00	
01 22 23 00-0498	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	105.00	
01 22 23 00-0499	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.00	
01 22 23 00-0500	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.76	
01 22 23 00-0501	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	115.00	
01 22 23 00-0502	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	18.00	
01 22 23 00-0503	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0504	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	90.00	
01 22 23 00-0505	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	21.00	
01 22 23 00-0506	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0507	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	105.00	
01 22 23 00-0508	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.00	
01 22 23 00-0509	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	55.00	
01 22 23 00-0510	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	125.00	
01 22 23 00-0511	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	27.00	
01 22 23 00-0512	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	64.29	
01 22 23 00-0513	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	135.00	
01 22 23 00-0514	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.00	
01 22 23 00-0515	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	69.05	
01 22 23 00-0516	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	145.00	
01 22 23 00-0517	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.00	
01 22 23 00-0518	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.43	
01 22 23 00-0519	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	150.00	
01 22 23 00-0520	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.62	
01 22 23 00-0521	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.05	
01 22 23 00-0522	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.15	
01 22 23 00-0523	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.50	
01 22 23 00-0524	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.75	
01 22 23 00-0525	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	86.25	
01 22 23 00-0526	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.13	
01 22 23 00-0527	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.83	
01 22 23 00-0528	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.50	
01 22 23 00-0529	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.00	
01 22 23 00-0530	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.00	
01 22 23 00-0531	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.00	
01 22 23 00-0532	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.00	
01 22 23 00-0533	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00	
01 22 23 00-0534	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.00	
01 22 23 00-0535	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.39	
01 22 23 00-0536	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.97	
01 22 23 00-0537	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.90	
01 22 23 00-0538	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.15	
01 22 23 00-0539	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.37	
01 22 23 00-0540	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	106.10	
01 22 23 00-0541	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.15	
01 22 23 00-0542	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.88	
01 22 23 00-0543	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	143.65	
01 22 23 00-0544	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.56	
01 22 23 00-0545	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.40	
01 22 23 00-0546	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.20	
01 22 23 00-0547	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.62	
01 22 23 00-0548	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.05	
01 22 23 00-0549	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	207.14	
01 22 23 00-0550	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.44	
01 22 23 00-0551	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	73.60	
01 22 23 00-0552	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	220.80	

01 22 23 00-0553 Electrical Equipment *(01 22 23)*

01 22 23 00-0554 Tripod Mounted Floodlights *(01 22 23 00-0553)*

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

01 22 23 00-0555	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	67.83	
01 22 23 00-0556	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	160.49	
01 22 23 00-0557	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	339.17	
01 22 23 00-0558	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	67.83	
01 22 23 00-0559	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	198.54	
01 22 23 00-0560	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	587.35	
01 22 23 00-0561	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	76.11	
01 22 23 00-0562	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	206.81	
01 22 23 00-0563	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	504.62	

01 22 23 00-0564 Trailer Mounted Floodlights *(01 22 23 00-0553)*

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

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0565	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower		190.27	
01 22 23 00-0566	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower		421.90	
01 22 23 00-0567	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower		909.98	

01 22 23 00-0568 Generator Sets *(01 22 23 00-0553)*

01 22 23 00-0569 Portable, Gas Or Diesel Powered Generator Sets *(01 22 23 00-0568)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0570	DAY	3.6 KW, 8 HP Gas Powered Generator Set		52.27	
		For LP Or NG Gas, Add		*6.53*	
01 22 23 00-0571	WK	3.6 KW, 8 HP Gas Powered Generator Set		188.42	
		For LP Or NG Gas, Add		*23.55*	
01 22 23 00-0572	MO	3.6 KW, 8 HP Gas Powered Generator Set		522.71	
		For LP Or NG Gas, Add		*65.34*	
01 22 23 00-0573	DAY	5 KW, 11 HP Gas Powered Generator Set		74.15	
		For LP Or NG Gas, Add		*9.27*	
01 22 23 00-0574	WK	5 KW, 11 HP Gas Powered Generator Set		237.04	
		For LP Or NG Gas, Add		*29.63*	
01 22 23 00-0575	MO	5 KW, 11 HP Gas Powered Generator Set		540.94	
		For LP Or NG Gas, Add		*67.62*	
01 22 23 00-0576	DAY	6.5 KW, 13 HP Gas Powered Generator Set		94.82	
		For LP Or NG Gas, Add		*11.85*	
01 22 23 00-0577	WK	6.5 KW, 13 HP Gas Powered Generator Set		255.28	
		For LP Or NG Gas, Add		*31.91*	
01 22 23 00-0578	MO	6.5 KW, 13 HP Gas Powered Generator Set		705.05	
		For LP Or NG Gas, Add		*88.13*	
01 22 23 00-0579	DAY	10 KW, 18 HP Gas Powered Generator Set		105.76	
		For LP Or NG Gas, Add		*13.22*	
01 22 23 00-0580	WK	10 KW, 18 HP Gas Powered Generator Set		285.67	
		For LP Or NG Gas, Add		*35.71*	
01 22 23 00-0581	MO	10 KW, 18 HP Gas Powered Generator Set		820.53	
		For LP Or NG Gas, Add		*102.57*	

01 22 23 00-0582 Towable, Diesel Powered Generator Sets *(01 22 23 00-0568)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0583	DAY	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		217.59	
01 22 23 00-0584	WK	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		568.90	
01 22 23 00-0585	MO	20 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		1,549.89	
01 22 23 00-0586	DAY	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		341.81	
01 22 23 00-0587	WK	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		769.89	
01 22 23 00-0588	MO	40.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		2,050.88	
01 22 23 00-0589	DAY	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		447.61	
01 22 23 00-0590	WK	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		1,003.74	
01 22 23 00-0591	MO	70.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		2,787.40	
01 22 23 00-0592	DAY	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		562.91	
01 22 23 00-0593	WK	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		1,241.11	
01 22 23 00-0594	MO	100.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		3,533.42	
01 22 23 00-0595	DAY	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		579.86	
01 22 23 00-0596	WK	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		1,336.05	
01 22 23 00-0597	MO	120.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		4,116.67	
01 22 23 00-0598	DAY	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		596.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0599	WK	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	1,424.22	
01 22 23 00-0600	MO	150.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.	4,699.93	
01 22 23 00-0601	DAY	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	653.78	
01 22 23 00-0602	WK	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.	1,486.61	
01 22 23 00-0603	MO	175.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour	4,937.30	
01 22 23 00-0604	DAY	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	813.84	
01 22 23 00-0605	WK	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	2,082.07	
01 22 23 00-0606	MO	250.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.	5,493.42	
01 22 23 00-0607	DAY	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	922.35	
01 22 23 00-0608	WK	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	2,238.06	
01 22 23 00-0609	MO	300.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.	6,103.80	
01 22 23 00-0610	DAY	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	1,302.14	
01 22 23 00-0611	WK	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	2,929.82	
01 22 23 00-0612	MO	350.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.	7,812.86	
01 22 23 00-0613	DAY	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	1,390.31	
01 22 23 00-0614	WK	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	3,363.87	
01 22 23 00-0615	MO	400.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.	9,833.90	
01 22 23 00-0616	DAY	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	1,551.72	
01 22 23 00-0617	WK	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	3,526.64	
01 22 23 00-0618	MO	500.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.	10,579.92	
01 22 23 00-0619	DAY	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	2,170.24	
01 22 23 00-0620	WK	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	5,425.60	
01 22 23 00-0621	MO	750.0 KW, 60 Hertz Diesel Powered Generator Set Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.	16,276.80	
01 22 23 00-0622	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	904.74	
01 22 23 00-0623	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,402.56	

01 22 23 00-0624 Cabling For Generator Sets *(01 22 23 00-0568)*

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

01 22 23 00-0625	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	29.84	
01 22 23 00-0626	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	52.22	
01 22 23 00-0627	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	156.66	
01 22 23 00-0628	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	14.92	
01 22 23 00-0629	WK	50', 4/0 Cable With Camlock Ends For Generator Set	43.40	
01 22 23 00-0630	MO	50', 4/0 Cable With Camlock Ends For Generator Set	120.72	

01 22 23 00-0631 Resistive Loadbanks *(01 22 23 00-0568)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0632	DAY	100 KW A/C Resistive Loadbank	427.69	
01 22 23 00-0633	WK	100 KW A/C Resistive Loadbank	1,055.57	
01 22 23 00-0634	MO	100 KW A/C Resistive Loadbank	3,157.61	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0635	DAY	650 KW A/C Resistive Loadbank	720.70	
01 22 23 00-0636	WK	650 KW A/C Resistive Loadbank	1,927.33	
01 22 23 00-0637	MO	650 KW A/C Resistive Loadbank	4,913.86	

01 22 23 00-0638 Sub-Distribution Panels (Spider Box) *(01 22 23 00-0568)*

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

01 22 23 00-0639	DAY	Sub-Distribution Panel (Spider Box)	73.25	
01 22 23 00-0640	WK	Sub-Distribution Panel (Spider Box)	189.90	
01 22 23 00-0641	MO	Sub-Distribution Panel (Spider Box)	535.78	

01 22 23 00-0642 Portable Distribution Panels *(01 22 23 00-0568)*

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

01 22 23 00-0643	DAY	200 Amp Spider Box Feeder Panel	162.77	
01 22 23 00-0644	WK	200 Amp Spider Box Feeder Panel	440.83	
01 22 23 00-0645	MO	200 Amp Spider Box Feeder Panel	1,234.32	
01 22 23 00-0646	DAY	100 Amp Quad Box Panel	132.93	
01 22 23 00-0647	WK	100 Amp Quad Box Panel	345.88	
01 22 23 00-0648	MO	100 Amp Quad Box Panel	983.39	
01 22 23 00-0649	DAY	200 Amp Quad Box Panel	169.55	
01 22 23 00-0650	WK	200 Amp Quad Box Panel	427.27	
01 22 23 00-0651	MO	200 Amp Quad Box Panel	1,159.72	

01 22 23 00-0652 Fuel Reimbursement For Generators *(01 22 23 00-0568)*

01 22 23 00-0653	EA	Fuel Reimbursement For Generators Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00	

01 22 23 00-0654 Welding Machines *(01 22 23 00-0553)*

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

01 22 23 00-0655 Diesel Powered Towable Welding Machines *(01 22 23 00-0654)*

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

01 22 23 00-0656	DAY	250 To 299 AMP, Diesel Powered Towable Welding Machine	118.03	
01 22 23 00-0657	WK	250 To 299 AMP, Diesel Powered Towable Welding Machine	288.51	
01 22 23 00-0658	MO	250 To 299 AMP, Diesel Powered Towable Welding Machine	688.48	
01 22 23 00-0659	DAY	300 To 349 AMP, Diesel Powered Towable Welding Machine	157.37	
01 22 23 00-0660	WK	300 To 349 AMP, Diesel Powered Towable Welding Machine	308.18	
01 22 23 00-0661	MO	300 To 349 AMP, Diesel Powered Towable Welding Machine	719.96	
01 22 23 00-0662	DAY	350 To 399 AMP, Diesel Powered Towable Welding Machine	163.92	
01 22 23 00-0663	WK	350 To 399 AMP, Diesel Powered Towable Welding Machine	327.85	
01 22 23 00-0664	MO	350 To 399 AMP, Diesel Powered Towable Welding Machine	799.95	

01 22 23 00-0665 CC/CV Invertor Welder *(01 22 23 00-0654)*

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0666	DAY	250 Amp CC Inverter Welder	36.72	
01 22 23 00-0667	WK	250 Amp CC Inverter Welder	80.00	
01 22 23 00-0668	MO	250 Amp CC Inverter Welder	242.61	
01 22 23 00-0669	DAY	300 Amp CC/CV Inverter Welder	41.96	
01 22 23 00-0670	WK	300 Amp CC/CV Inverter Welder	111.47	
01 22 23 00-0671	MO	300 Amp CC/CV Inverter Welder	295.06	
01 22 23 00-0672	DAY	350 Amp CC/CV Inverter Welder	43.28	
01 22 23 00-0673	WK	350 Amp CC/CV Inverter Welder	114.09	
01 22 23 00-0674	MON	350 Amp CC/CV Inverter Welder	321.29	

01 22 23 00-0675 MIG Welder *(01 22 23 00-0654)*

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0676	DAY	115 Volt MIG Welder	62.95	
01 22 23 00-0677	WK	115 Volt MIG Welder	163.92	
01 22 23 00-0678	MON	115 Volt MIG Welder	445.88	

01 22 23 00-0679 General Equipment *(01 22 23)*

01 22 23 00-0680 Jacks And Bracing *(01 22 23 00-0679)*

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

01 22 23 00-0681 Manual Hydraulic Jacks *(01 22 23 00-0680)*

01 22 23 00-0682	DAY	12 Ton Manual Hydraulic Bottle Jack	1.33	
01 22 23 00-0683	WK	12 Ton Manual Hydraulic Bottle Jack	6.33	
01 22 23 00-0684	MO	12 Ton Manual Hydraulic Bottle Jack	22.76	
01 22 23 00-0685	DAY	20 Ton Manual Hydraulic Bottle Jack	2.33	
01 22 23 00-0686	WK	20 Ton Manual Hydraulic Bottle Jack	7.33	
01 22 23 00-0687	MO	20 Ton Manual Hydraulic Bottle Jack	27.76	
01 22 23 00-0688	DAY	50 Ton Manual Hydraulic Bottle Jack	8.33	
01 22 23 00-0689	WK	50 Ton Manual Hydraulic Bottle Jack	32.34	
01 22 23 00-0690	MO	50 Ton Manual Hydraulic Bottle Jack	114.34	
01 22 23 00-0691	DAY	100 Ton Manual Hydraulic Bottle Jack	11.67	
01 22 23 00-0692	WK	100 Ton Manual Hydraulic Bottle Jack	46.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0693	MO	100 Ton Manual Hydraulic Bottle Jack	168.10	

01 22 23 00-0694 Manual Screw Jacks *(01 22 23 00-0680)*

01 22 23 00-0695	DAY	10 To 20 Ton Manual Screw Jack	14.05	
01 22 23 00-0696	WK	10 To 20 Ton Manual Screw Jack	37.84	
01 22 23 00-0697	MO	10 To 20 Ton Manual Screw Jack	104.86	

01 22 23 00-0698 Shores/Braces *(01 22 23 00-0680)*

01 22 23 00-0699	MO	Adjustable Tubular Steel Shoring, To 10'	8.67	
01 22 23 00-0700	MO	Adjustable Tubular Steel Shoring, To 16'	10.40	
01 22 23 00-0701	MO	Adjustable Wood Shoring, To 10'	4.16	
01 22 23 00-0702	MO	Adjustable Wood Shoring, To 16'	5.55	
01 22 23 00-0703	EA	Erect And Strip Shores To 10'	28.50	
01 22 23 00-0704	EA	Erect And Strip Shores To 13'	31.44	
01 22 23 00-0705	EA	Erect And Strip Shores To 16'	35.37	

01 22 23 00-0706 Pressure Washers *(01 22 23 00-0679)*

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

01 22 23 00-0707	DAY	2,000 PSI Pressure Washer With Full-Time Operator	627.18	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0708	WK	2,000 PSI Pressure Washer With Full-Time Operator	2,925.66	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0709	MO	2,000 PSI Pressure Washer With Full-Time Operator	12,227.99	
		For Equipment Without Operator, Deduct		*-11,676.19*
01 22 23 00-0710	DAY	2,500 PSI Pressure Washer With Full-Time Operator	627.18	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0711	WK	2,500 PSI Pressure Washer With Full-Time Operator	2,925.66	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0712	MO	2,500 PSI Pressure Washer With Full-Time Operator	12,227.99	
		For Equipment Without Operator, Deduct		*-11,676.19*
01 22 23 00-0713	DAY	3,000 PSI Pressure Washer With Full-Time Operator	627.18	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0714	WK	3,000 PSI Pressure Washer With Full-Time Operator	2,925.66	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0715	MO	3,000 PSI Pressure Washer With Full-Time Operator	12,227.99	
		For Equipment Without Operator, Deduct		*-11,676.19*
01 22 23 00-0716	DAY	3,500 PSI Pressure Washer With Full-Time Operator	633.75	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0717	WK	3,500 PSI Pressure Washer With Full-Time Operator	2,945.36	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0718	MO	3,500 PSI Pressure Washer With Full-Time Operator	12,280.54	
		For Equipment Without Operator, Deduct		*-11,676.19*
01 22 23 00-0719	DAY	4,000 PSI Pressure Washer With Full-Time Operator	660.02	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0720	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,030.76	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0721	MO	4,000 PSI Pressure Washer With Full-Time Operator	12,576.14	
		For Equipment Without Operator, Deduct		*-11,676.19*
01 22 23 00-0722	DAY	5,000 PSI Pressure Washer With Full-Time Operator	673.16	
		For Equipment Without Operator, Deduct		*-541.78*
01 22 23 00-0723	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,063.61	
		For Equipment Without Operator, Deduct		*-2,708.88*
01 22 23 00-0724	MO	5,000 PSI Pressure Washer With Full-Time Operator	12,674.68	
		For Equipment Without Operator, Deduct		*-11,676.19*

01 22 23 00-0725 Confined Space Entry Equipment *(01 22 23 00-0679)*

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

01 22 23 00-0726	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	44.23
01 22 23 00-0727	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	132.69
01 22 23 00-0728	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	395.97
01 22 23 00-0729	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	32.88
01 22 23 00-0730	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	98.63
01 22 23 00-0731	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	295.89
01 22 23 00-0732	DAY	Confined Space Air Monitor Personnel Note: Per person day.	641.93

01 22 23 00-0733 Space Heaters *(01 22 23 00-0679)*

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

01 22 23 00-0734	DAY	150,000 BTU/Hour Space Heater	61.41
01 22 23 00-0735	WK	150,000 BTU/Hour Space Heater	176.56
01 22 23 00-0736	MO	150,000 BTU/Hour Space Heater	498.97
01 22 23 00-0737	DAY	500,000 BTU/Hour Space Heater	130.50
01 22 23 00-0738	WK	500,000 BTU/Hour Space Heater	322.41
01 22 23 00-0739	MO	500,000 BTU/Hour Space Heater	815.24

01 22 23 00-0740 Material Handling Equipment *(01 22 23)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0741 Truck Mounted Hydraulic Cranes *(01 22 23 00-0740)*

Note: Includes full-time operator. Include delivery, set-up, and removal time in rental period.

01 22 23 00-0742	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,117.42	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0743	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,732.50	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0744	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	18,690.02	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0745	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,232.21	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0746	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,073.70	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0747	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	19,710.42	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0748	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,347.01	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0749	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,414.90	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0750	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	20,730.82	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0751	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,500.07	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0752	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,874.08	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0753	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	22,101.98	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0754	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,640.37	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0755	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,824.32	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0756	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	24,950.17	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0757	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,972.01	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0758	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,010.54	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0759	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,511.37	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0760	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,182.46	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0761	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,750.33	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0762	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	30,735.84	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0763	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,348.28	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0764	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,349.82	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0765	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	32,531.75	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0766	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,514.09	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0767	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,949.30	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0768	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	34,327.65	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0769	DAY	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,622.51	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0770	WK	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,319.20	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0771	MO	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	35,450.09	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0772	DAY	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,769.19	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0773	WK	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,867.66	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0774	MO	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	37,082.73	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0775 Cable Controlled Lattice Boom, Truck Mounted Mechanical Cranes *(01 22 23 00-0740)*

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

01 22 23 00-0776	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,214.35	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0777	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	8,877.88	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0778	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	31,113.39	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0779	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,394.19	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0780	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	10,842.15	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0781	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	37,006.20	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0782	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,585.51	
		For Equipment Without Operator, Deduct	*-683.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0783	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	12,238.82	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0784	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	41,194.94	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0785	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,968.16	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0786	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	13,635.50	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0787	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	45,378.58	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0788	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	4,331.68	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0789	WK	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	16,428.84	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0790	MO	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	53,766.27	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0791	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	4,931.17	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0792	WK	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	18,578.06	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0793	MO	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	60,204.99	
		For Equipment Without Operator, Deduct	*-14,735.97*	
01 22 23 00-0794	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	8,617.36	
		For Equipment Without Operator, Deduct	*-683.75*	
01 22 23 00-0795	WK	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	31,715.71	
		For Equipment Without Operator, Deduct	*-3,418.74*	
01 22 23 00-0796	MO	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	99,633.25	
		For Equipment Without Operator, Deduct	*-14,735.97*	

01 22 23 00-0797 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0740)*

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

01 22 23 00-0798	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,144.67	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0799	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,440.03	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0800	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	16,480.64	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0801	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,197.59	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0802	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,559.10	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0803	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	16,745.24	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0804	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,184.36	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0805	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,618.64	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0806	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	17,142.14	
		For Equipment Without Operator, Deduct	*-13,834.64*	
01 22 23 00-0807	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,336.51	
		For Equipment Without Operator, Deduct	*-641.93*	
01 22 23 00-0808	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	5,015.54	
		For Equipment Without Operator, Deduct	*-3,209.64*	
01 22 23 00-0809	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	18,068.24	
		For Equipment Without Operator, Deduct	*-13,834.64*	

01 22 23 00-0810 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0740)*

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

01 22 23 00-0811	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	968.71	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*65.36*	
01 22 23 00-0812	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	4,102.00	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*178.47*	
01 22 23 00-0813	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	15,877.02	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*408.48*	
01 22 23 00-0814	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	985.91	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*68.80*	
01 22 23 00-0815	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	4,148.97	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*187.87*	
01 22 23 00-0816	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	15,984.52	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*429.98*	
01 22 23 00-0817	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,078.52	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*87.32*	
01 22 23 00-0818	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	4,406.96	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*239.46*	
01 22 23 00-0819	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	16,579.86	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*549.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0820	DAY	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,129.52	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*97.52*	
01 22 23 00-0821	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	4,384.86	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*235.04*	
01 22 23 00-0822	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	16,760.19	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*585.11*	

01 22 23 00-0823 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0740)*

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

01 22 23 00-0824	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	919.76	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*55.57*	
01 22 23 00-0825	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,844.68	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*127.01*	
01 22 23 00-0826	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	15,356.09	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*304.29*	
01 22 23 00-0827	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	926.37	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*56.89*	
01 22 23 00-0828	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	3,864.52	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*130.98*	
01 22 23 00-0829	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	15,402.40	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*313.55*	
01 22 23 00-0830	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,065.29	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*84.67*	
01 22 23 00-0831	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,168.82	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*191.84*	
01 22 23 00-0832	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	16,149.89	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*463.05*	
01 22 23 00-0833	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,078.52	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*87.32*	
01 22 23 00-0834	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,281.27	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*214.33*	
01 22 23 00-0835	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	16,546.79	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*542.43*	
01 22 23 00-0836	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	1,197.59	
		For Equipment Without Operator, Deduct	*-641.93*	
		For Propane Instead Of Gas Or Diesel, Add	*111.13*	
01 22 23 00-0837	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,473.10	
		For Equipment Without Operator, Deduct	*-3,209.64*	
		For Propane Instead Of Gas Or Diesel, Add	*252.69*	
01 22 23 00-0838	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	16,877.54	
		For Equipment Without Operator, Deduct	*-13,834.64*	
		For Propane Instead Of Gas Or Diesel, Add	*608.58*	

01 22 23 00-0839 Tower Cranes *(01 22 23 00-0740)*

01 22 23 00-0840	MO	PC14000SK Tower Crane With 18' Jib Height Note: 205'-7" maximum free standing reach, 148' maximum reach, 22,000 LB capacity at 52' hook reach, 4,620 LB capacity at 148' hook reach.	6,122.40
01 22 23 00-0841	MO	SK 135-2 Tower Crane With 18' Jib Height Note: 219'-7" maximum free standing reach, 170' maximum reach, 17,600 LB capacity at 59' hook reach, 4,800 LB capacity at 170' hook reach.	8,163.20

01 22 23 00-0842 Chain Hoists *(01 22 23 00-0740)*

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

01 22 23 00-0843	DAY	1 Ton, 20' Lift, Manual Chain Hoist	1.75
01 22 23 00-0844	WK	1 Ton, 20' Lift, Manual Chain Hoist	7.00
01 22 23 00-0845	MO	1 Ton, 20' Lift, Manual Chain Hoist	23.39
01 22 23 00-0846	DAY	3 Ton, 20' Lift, Manual Chain Hoist	3.33
01 22 23 00-0847	WK	3 Ton, 20' Lift, Manual Chain Hoist	11.34
01 22 23 00-0848	MO	3 Ton, 20' Lift, Manual Chain Hoist	42.05
01 22 23 00-0849	DAY	5 Ton, 20' Lift, Manual Chain Hoist	4.33
01 22 23 00-0850	WK	5 Ton, 20' Lift, Manual Chain Hoist	15.34
01 22 23 00-0851	MO	5 Ton, 20' Lift, Manual Chain Hoist	56.05
01 22 23 00-0852	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	46.01
01 22 23 00-0853	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	183.04
01 22 23 00-0854	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	369.29
01 22 23 00-0855	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	52.01
01 22 23 00-0856	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	207.05
01 22 23 00-0857	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	738.61
01 22 23 00-0858	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	53.68
01 22 23 00-0859	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	214.71

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0860	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	773.14	

01 22 23 00-0861 Pumping Equipment *(01 22 23)*

01 22 23 00-0862 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0861)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0886 for larger diameter pumps.

01 22 23 00-0863	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	59.29
01 22 23 00-0864	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	133.41
01 22 23 00-0865	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	355.75
01 22 23 00-0866	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	71.15
01 22 23 00-0867	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	160.09
01 22 23 00-0868	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	426.90

01 22 23 00-0869 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0861)*

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

01 22 23 00-0870	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	68.19
01 22 23 00-0871	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	192.70
01 22 23 00-0872	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	489.16
01 22 23 00-0873	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	83.01
01 22 23 00-0874	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	222.34
01 22 23 00-0875	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	629.98

01 22 23 00-0876 Gas Powered Portable Trash Pumps *(01 22 23 00-0861)*

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

01 22 23 00-0877	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	85.97
01 22 23 00-0878	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	177.88
01 22 23 00-0879	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	533.63
01 22 23 00-0880	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	85.97
01 22 23 00-0881	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	229.76
01 22 23 00-0882	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	629.98
01 22 23 00-0883	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	136.37
01 22 23 00-0884	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	385.40
01 22 23 00-0885	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,119.14

01 22 23 00-0886 Diesel Powered Portable Trash Pumps *(01 22 23 00-0861)*

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

01 22 23 00-0887	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	266.81
01 22 23 00-0888	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	726.33
01 22 23 00-0889	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	3,164.71
01 22 23 00-0890	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	407.63
01 22 23 00-0891	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,067.26
01 22 23 00-0892	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,838.60
01 22 23 00-0893	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	554.38
01 22 23 00-0894	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,483.78
01 22 23 00-0895	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,969.60
01 22 23 00-0896	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	717.43
01 22 23 00-0897	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,832.12
01 22 23 00-0898	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	5,380.75

01 22 23 00-0899 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0861)*

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

01 22 23 00-0900	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	380.95
01 22 23 00-0901	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	867.15
01 22 23 00-0902	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,703.72
01 22 23 00-0903	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	466.92
01 22 23 00-0904	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,163.61
01 22 23 00-0905	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,164.71
01 22 23 00-0906	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	563.27
01 22 23 00-0907	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,666.11
01 22 23 00-0908	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,647.01
01 22 23 00-0909	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	847.88
01 22 23 00-0910	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,165.64
01 22 23 00-0911	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,359.07

01 22 23 00-0912 3 Phase Electric Submersible Pumps *(01 22 23 00-0861)*

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

01 22 23 00-0913	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	148.23
01 22 23 00-0914	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	370.58
01 22 23 00-0915	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,111.72
01 22 23 00-0916	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	195.66
01 22 23 00-0917	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	489.16
01 22 23 00-0918	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,467.48

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0919		Suction Hose With Couplings *(01 22 23 00-0861)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0920	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	8.89	
01 22 23 00-0921	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	22.23	
01 22 23 00-0922	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	68.19	
01 22 23 00-0923	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	23.72	
01 22 23 00-0924	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	60.77	
01 22 23 00-0925	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	185.29	
01 22 23 00-0926	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	35.58	
01 22 23 00-0927	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	90.42	
01 22 23 00-0928	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	274.23	
01 22 23 00-0929	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	44.47	
01 22 23 00-0930	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	111.17	
01 22 23 00-0931	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	326.11	
01 22 23 00-0932	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	103.76	
01 22 23 00-0933	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	266.81	
01 22 23 00-0934	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	785.62	
01 22 23 00-0935	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	139.34	
01 22 23 00-0936	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	303.87	
01 22 23 00-0937	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	911.61	
01 22 23 00-0938		Discharge Hose With Couplings *(01 22 23 00-0861)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0939	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.89	
01 22 23 00-0940	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	22.23	
01 22 23 00-0941	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	68.19	
01 22 23 00-0942	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	10.38	
01 22 23 00-0943	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	25.20	
01 22 23 00-0944	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	78.56	
01 22 23 00-0945	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	11.86	
01 22 23 00-0946	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	29.65	
01 22 23 00-0947	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	90.42	
01 22 23 00-0948	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	31.13	
01 22 23 00-0949	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	80.04	
01 22 23 00-0950	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	229.76	
01 22 23 00-0951	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	38.54	
01 22 23 00-0952	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	105.24	
01 22 23 00-0953	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	289.05	
01 22 23 00-0954	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	29.65	
01 22 23 00-0955	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	74.12	
01 22 23 00-0956	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	222.34	
01 22 23 00-0957	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	75.60	
01 22 23 00-0958	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	192.70	
01 22 23 00-0959	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	570.69	
01 22 23 00-0960		Hydraulic Submersible Pumps *(01 22 23 00-0861)*		
01 22 23 00-0961		Hydraulic Submersible Pumps *(01 22 23 00-0960)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0962	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	97.83	
01 22 23 00-0963	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	262.37	
01 22 23 00-0964	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	733.74	
01 22 23 00-0965	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	124.51	
01 22 23 00-0966	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	320.18	
01 22 23 00-0967	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	978.32	
01 22 23 00-0968		Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-0960)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0969	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	226.05	
01 22 23 00-0970	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	674.45	
01 22 23 00-0971	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	1,778.76	
01 22 23 00-0972		HDPE Pipe With Couplings *(01 22 23 00-0861)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0973	DAY	4" x 20' HDPE Pipe With Couplings	5.00	
01 22 23 00-0974	WK	4" x 20' HDPE Pipe With Couplings	12.00	
01 22 23 00-0975	MON	4" x 20' HDPE Pipe With Couplings	37.00	
01 22 23 00-0976	DAY	6" x 20' HDPE Pipe With Couplings	8.00	
01 22 23 00-0977	WK	6" x 20' HDPE Pipe With Couplings	20.00	
01 22 23 00-0978	MON	6" x 20' HDPE Pipe With Couplings	61.00	
01 22 23 00-0979	DAY	8" x 20' HDPE Pipe With Couplings	13.00	
01 22 23 00-0980	WK	8" x 20' HDPE Pipe With Couplings	34.00	
01 22 23 00-0981	MON	8" x 20' HDPE Pipe With Couplings	101.00	
01 22 23 00-0982	DAY	10" x 20' HDPE Pipe With Couplings	16.00	
01 22 23 00-0983	WK	10" x 20' HDPE Pipe With Couplings	41.00	
01 22 23 00-0984	MON	10" x 20' HDPE Pipe With Couplings	125.00	
01 22 23 00-0985	DAY	12" x 10' HDPE Pipe With Couplings	12.00	
01 22 23 00-0986	WK	12" x 10' HDPE Pipe With Couplings	33.00	
01 22 23 00-0987	MON	12" x 10' HDPE Pipe With Couplings	100.00	
01 22 23 00-0988	DAY	4" Elbow For HDPE Pipe, Quick Connect	12.00	
01 22 23 00-0989	WK	4" Elbow For HDPE Pipe, Quick Connect	31.00	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0990	MON	4" Elbow For HDPE Pipe, Quick Connect	92.00	
01 22 23 00-0991	DAY	6" Elbow For HDPE Pipe, Quick Connect	14.00	
01 22 23 00-0992	WK	6" Elbow For HDPE Pipe, Quick Connect	36.00	
01 22 23 00-0993	MON	6" Elbow For HDPE Pipe, Quick Connect	110.00	
01 22 23 00-0994	DAY	8" Elbow For HDPE Pipe, Quick Connect	16.00	
01 22 23 00-0995	WK	8" Elbow For HDPE Pipe, Quick Connect	41.00	
01 22 23 00-0996	MON	8" Elbow For HDPE Pipe, Quick Connect	125.00	
01 22 23 00-0997	DAY	10" Elbow For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-0998	WK	10" Elbow For HDPE Pipe, Quick Connect	51.00	
01 22 23 00-0999	MON	10" Elbow For HDPE Pipe, Quick Connect	155.00	
01 22 23 00-1000	DAY	12" Elbow For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1001	WK	12" Elbow For HDPE Pipe, Quick Connect	51.00	
01 22 23 00-1002	MON	12" Elbow For HDPE Pipe, Quick Connect	155.00	
01 22 23 00-1003	DAY	4" Tee For HDPE Pipe, Quick Connect	12.00	
01 22 23 00-1004	WK	4" Tee For HDPE Pipe, Quick Connect	31.00	
01 22 23 00-1005	MON	4" Tee For HDPE Pipe, Quick Connect	92.00	
01 22 23 00-1006	DAY	6" Tee For HDPE Pipe, Quick Connect	16.00	
01 22 23 00-1007	WK	6" Tee For HDPE Pipe, Quick Connect	41.00	
01 22 23 00-1008	MON	6" Tee For HDPE Pipe, Quick Connect	125.00	
01 22 23 00-1009	DAY	8" Tee For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1010	WK	8" Tee For HDPE Pipe, Quick Connect	51.00	
01 22 23 00-1011	MON	8" Tee For HDPE Pipe, Quick Connect	155.00	
01 22 23 00-1012	DAY	10" Tee For HDPE Pipe, Quick Connect	24.00	
01 22 23 00-1013	WK	10" Tee For HDPE Pipe, Quick Connect	61.00	
01 22 23 00-1014	MON	10" Tee For HDPE Pipe, Quick Connect	185.00	
01 22 23 00-1015	DAY	12" Tee For HDPE Pipe, Quick Connect	24.00	
01 22 23 00-1016	WK	12" Tee For HDPE Pipe, Quick Connect	61.00	
01 22 23 00-1017	MON	12" Tee For HDPE Pipe, Quick Connect	185.00	
01 22 23 00-1018	DAY	4" Cap For HDPE Pipe, Quick Connect	2.00	
01 22 23 00-1019	WK	4" Cap For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1020	MON	4" Cap For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1021	DAY	6" Cap For HDPE Pipe, Quick Connect	2.00	
01 22 23 00-1022	WK	6" Cap For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1023	MON	6" Cap For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1024	DAY	8" Cap For HDPE Pipe, Quick Connect	2.00	
01 22 23 00-1025	WK	8" Cap For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1026	MON	8" Cap For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1027	DAY	10" Cap For HDPE Pipe, Quick Connect	2.00	
01 22 23 00-1028	WK	10" Cap For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1029	MON	10" Cap For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1030	DAY	12" Cap For HDPE Pipe, Quick Connect	2.00	
01 22 23 00-1031	WK	12" Cap For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1032	MON	12" Cap For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1033	DAY	4" Wye For HDPE Pipe, Quick Connect	6.00	
01 22 23 00-1034	WK	4" Wye For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1035	MON	4" Wye For HDPE Pipe, Quick Connect	46.00	
01 22 23 00-1036	DAY	6" Wye For HDPE Pipe, Quick Connect	7.00	
01 22 23 00-1037	WK	6" Wye For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1038	MON	6" Wye For HDPE Pipe, Quick Connect	55.00	
01 22 23 00-1039	DAY	8" Wye For HDPE Pipe, Quick Connect	12.00	
01 22 23 00-1040	WK	8" Wye For HDPE Pipe, Quick Connect	31.00	
01 22 23 00-1041	MON	8" Wye For HDPE Pipe, Quick Connect	92.00	
01 22 23 00-1042	DAY	10" Wye For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1043	WK	10" Wye For HDPE Pipe, Quick Connect	46.00	
01 22 23 00-1044	MON	10" Wye For HDPE Pipe, Quick Connect	140.00	
01 22 23 00-1045	DAY	12" Wye For HDPE Pipe, Quick Connect	18.00	
01 22 23 00-1046	WK	12" Wye For HDPE Pipe, Quick Connect	46.00	
01 22 23 00-1047	MON	12" Wye For HDPE Pipe, Quick Connect	140.00	

01 22 23 00-1048 Temporary Building Services *(01 22 23)*

01 22 23 00-1049 Boilers *(01 22 23 00-1048)*

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

01 22 23 00-1050 Electric Boilers *(01 22 23 00-1049)*

01 22 23 00-1051	MO	40 MBH, 12 KW Electric Boiler Rental	1,381.82	
01 22 23 00-1052	MO	60 MBH, 20 KW Electric Boiler Rental	1,507.46	
01 22 23 00-1053	MO	95 MBH, 30 KW Electric Boiler Rental	1,570.28	
01 22 23 00-1054	MO	135 MBH, 40 KW Electric Boiler Rental	1,758.68	
01 22 23 00-1055	MO	165 MBH, 50 KW Electric Boiler Rental	2,449.59	
01 22 23 00-1056	MO	215 MBH, 60 KW Electric Boiler Rental	2,826.46	
01 22 23 00-1057	MO	365 MBH, 100 KW Electric Boiler Rental	3,705.83	
01 22 23 00-1058	MO	510 MBH, 150 KW Electric Boiler Rental	4,522.37	

01 22 23 00-1059 Oil/Gas Fired Boilers *(01 22 23 00-1049)*

01 22 23 00-1060	MO	Up To 100 HP Gas/Oil Dual Fuel Boiler Rental	5,000.00	
		For >3 Months Rental, Deduct	*-750.00*	
01 22 23 00-1061	MO	>100 HP To 250 HP Gas/Oil Dual Fuel Boiler Rental	6,500.00	
		For >3 Months Rental, Deduct	*-975.00*	
01 22 23 00-1062	MO	>250 HP To 500 HP Gas/Oil Dual Fuel Boiler Rental	10,500.00	
		For >3 Months Rental, Deduct	*-1,575.00*	
01 22 23 00-1063	MO	>500 HP To 800 HP Gas/Oil Dual Fuel Boiler Rental	14,500.00	
		For >3 Months Rental, Deduct	*-2,175.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1064		**Oil Fired Boilers** *(01 22 23 00-1049)*		
01 22 23 00-1065	MO	250 HP Oil Fired Boiler Rental	3,880.85	
01 22 23 00-1066	MO	350 HP Oil Fired Boiler Rental	5,174.47	
01 22 23 00-1067	MO	500 HP Oil Fired Boiler Rental	6,468.09	
01 22 23 00-1068	MO	600 HP Oil Fired Boiler Rental	7,114.89	
01 22 23 00-1069		**Boilers Setup** *(01 22 23 00-1049)*		
01 22 23 00-1070	EA	Setup Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	3,980.94	
01 22 23 00-1071		**Chillers** *(01 22 23 00-1048)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1072		**Air Cooled Chillers** *(01 22 23 00-1071)*		
01 22 23 00-1073	MO	25 Ton Air Cooled Chiller Rental	2,357.06	
		For >3 To 6 Month Rental, Deduct	*-353.56*	
		For >6 Month Rental, Deduct	*-589.27*	
01 22 23 00-1074	MO	40 Ton Air Cooled Chiller Rental	3,771.31	
		For >3 To 6 Month Rental, Deduct	*-565.70*	
		For >6 Month Rental, Deduct	*-942.83*	
01 22 23 00-1075	MO	60 Ton Air Cooled Chiller Rental	4,612.73	
		For >3 To 6 Month Rental, Deduct	*-691.91*	
		For >6 Month Rental, Deduct	*-1,153.18*	
01 22 23 00-1076	MO	80 Ton Air Cooled Chiller Rental	5,454.16	
		For >3 To 6 Month Rental, Deduct	*-818.12*	
		For >6 Month Rental, Deduct	*-1,363.54*	
01 22 23 00-1077	MO	100 Ton Air Cooled Chiller Rental	6,295.59	
		For >3 To 6 Month Rental, Deduct	*-944.34*	
		For >6 Month Rental, Deduct	*-1,573.90*	
01 22 23 00-1078	MO	125 Ton Air Cooled Chiller Rental	7,293.56	
		For >3 To 6 Month Rental, Deduct	*-1,094.03*	
		For >6 Month Rental, Deduct	*-1,823.39*	
01 22 23 00-1079	MO	155 Ton Air Cooled Chiller Rental	8,823.42	
		For >3 To 6 Month Rental, Deduct	*-1,323.51*	
		For >6 Month Rental, Deduct	*-2,205.86*	
01 22 23 00-1080	MO	170 Ton Air Cooled Chiller Rental	9,435.37	
		For >3 To 6 Month Rental, Deduct	*-1,415.31*	
		For >6 Month Rental, Deduct	*-2,358.84*	
01 22 23 00-1081	MO	200 Ton Air Cooled Chiller Rental	10,838.94	
		For >3 To 6 Month Rental, Deduct	*-1,625.84*	
		For >6 Month Rental, Deduct	*-2,709.74*	
01 22 23 00-1082	MO	250 Ton Air Cooled Chiller Rental	12,897.15	
		For >3 To 6 Month Rental, Deduct	*-1,934.57*	
		For >6 Month Rental, Deduct	*-3,224.29*	
01 22 23 00-1083	MO	300 Ton Air Cooled Chiller Rental Note: Includes trailer.	15,049.64	
		For >3 To 6 Month Rental, Deduct	*-2,257.45*	
		For >6 Month Rental, Deduct	*-3,762.41*	
01 22 23 00-1084	MO	400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	19,852.72	
		For >3 To 6 Month Rental, Deduct	*-2,977.91*	
		For >6 Month Rental, Deduct	*-4,963.18*	
01 22 23 00-1085	MO	500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	24,573.96	
		For >3 To 6 Month Rental, Deduct	*-3,686.09*	
		For >6 Month Rental, Deduct	*-6,143.49*	
01 22 23 00-1086	EA	Setup Air Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	2,767.24	
01 22 23 00-1087		**Chiller Rental Accessories** *(01 22 23 00-1071)*		
01 22 23 00-1088	MO	4" x 25' Flexible Water Hose For Chiller Rental	42.00	
01 22 23 00-1089	MO	6" x 25' Flexible Water Hose For Chiller Rental	52.50	
01 22 23 00-1090		**Emergency Cooler/Freezer** *(01 22 23 00-1048)* Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115V or 230V, freezer 208/230V, combo 115V or 230V.		
01 22 23 00-1091	DAY	8 x 6 x 7 Emergency Cooler Rental	90.00	
01 22 23 00-1092	WK	8 x 6 x 7 Emergency Cooler Rental	480.00	
01 22 23 00-1093	DAY	10 x 7 x 7 Emergency Cooler Rental	180.00	
01 22 23 00-1094	WK	10 x 7 x 7 Emergency Cooler Rental	720.00	
01 22 23 00-1095	MO	10 x 7 x 7 Emergency Cooler Rental	1,800.00	
01 22 23 00-1096	DAY	10 x 7 x 7 Emergency Freezer Rental	210.00	
01 22 23 00-1097	WK	10 x 7 x 7 Emergency Freezer Rental	840.00	
01 22 23 00-1098	MO	10 x 7 x 7 Emergency Freezer Rental	2,160.00	
01 22 23 00-1099	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	240.00	
01 22 23 00-1100	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	960.00	
01 22 23 00-1101	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,400.00	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-1102 Fuel Oil Tank *(01 22 23 00-1048)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-1103	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	578.54	
01 22 23 00-1104	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	899.96	
01 22 23 00-1105	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	2,249.89	
01 22 23 00-1106	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	3,749.81	
01 22 23 00-1107	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	4,949.75	
01 22 23 00-1108	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	8,842.42	

01 22 23 00-1109 Portable Spot Cooling Units *(01 22 23 00-1048)*

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

01 22 23 00-1110	DAY	1 Ton Portable Spot Cooling Unit	163.62	
01 22 23 00-1111	WK	1 Ton Portable Spot Cooling Unit	359.98	
01 22 23 00-1112	MO	1 Ton Portable Spot Cooling Unit	719.95	
01 22 23 00-1113	DAY	2 Ton Portable Spot Cooling Unit	261.80	
01 22 23 00-1114	WK	2 Ton Portable Spot Cooling Unit	523.60	
01 22 23 00-1115	MO	2 Ton Portable Spot Cooling Unit	1,178.10	
01 22 23 00-1116	DAY	3 Ton Portable Spot Cooling Unit	392.70	
01 22 23 00-1117	WK	3 Ton Portable Spot Cooling Unit	785.40	
01 22 23 00-1118	MO	3 Ton Portable Spot Cooling Unit	1,570.80	
01 22 23 00-1119	DAY	5 Ton Portable Spot Cooling Unit	458.15	
01 22 23 00-1120	WK	5 Ton Portable Spot Cooling Unit	916.30	
01 22 23 00-1121	MO	5 Ton Portable Spot Cooling Unit	2,094.40	
01 22 23 00-1122	DAY	10 Ton Portable Spot Cooling Unit	981.75	
01 22 23 00-1123	WK	10 Ton Portable Spot Cooling Unit	1,570.80	
01 22 23 00-1124	MO	10 Ton Portable Spot Cooling Unit	3,141.60	
01 22 23 00-1125	DAY	20 Ton Portable Spot Cooling Unit	1,309.00	
01 22 23 00-1126	WK	20 Ton Portable Spot Cooling Unit	2,290.75	
01 22 23 00-1127	MO	20 Ton Portable Spot Cooling Unit	4,908.75	
01 22 23 00-1128	DAY	25 Ton Portable Spot Cooling Unit	1,047.20	
01 22 23 00-1129	WK	25 Ton Portable Spot Cooling Unit	2,225.30	
01 22 23 00-1130	MO	25 Ton Portable Spot Cooling Unit	5,236.00	

01 22 23 00-1131 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1132 Trucks *(01 22 23 00-1131)*

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

01 22 23 00-1133 Flat Bed Trucks *(01 22 23 00-1132)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1134	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	787.26	
		For Equipment Without Operator, Deduct		*-572.57*
01 22 23 00-1135	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,425.70	
		For Equipment Without Operator, Deduct		*-2,862.86*
01 22 23 00-1136	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	13,761.54	
		For Equipment Without Operator, Deduct		*-12,339.93*
01 22 23 00-1137	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	880.10	
		For Equipment Without Operator, Deduct		*-572.57*
01 22 23 00-1138	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,663.60	
		For Equipment Without Operator, Deduct		*-2,862.86*
01 22 23 00-1139	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	14,370.81	
		For Equipment Without Operator, Deduct		*-12,339.93*
01 22 23 00-1140	DAY	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	946.72	
		For Equipment Without Operator, Deduct		*-572.57*
01 22 23 00-1141	WK	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,918.22	
		For Equipment Without Operator, Deduct		*-2,862.86*
01 22 23 00-1142	MO	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	15,339.84	
		For Equipment Without Operator, Deduct		*-12,339.95*

01 22 23 00-1143 Light Duty Trucks *(01 22 23 00-1132)*

01 22 23 00-1144	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	791.02	
		For Equipment Without Operator, Deduct		*-572.57*
01 22 23 00-1145	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	3,579.64	
		For Equipment Without Operator, Deduct		*-2,862.86*
01 22 23 00-1146	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	13,841.76	
		For Equipment Without Operator, Deduct		*-12,339.93*
01 22 23 00-1147	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	831.98	
		For Equipment Without Operator, Deduct		*-572.57*
01 22 23 00-1148	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	3,702.52	
		For Equipment Without Operator, Deduct		*-2,862.86*
01 22 23 00-1149	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	14,114.82	
		For Equipment Without Operator, Deduct		*-12,339.93*

01 22 23 00-1150 Rear Dump Trucks *(01 22 23 00-1132)*

01 22 23 00-1151	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	916.67	
		For Equipment Without Operator, Deduct		*-569.13*
01 22 23 00-1152	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	3,763.61	
		For Equipment Without Operator, Deduct		*-2,845.65*
01 22 23 00-1153	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	15,076.27	
		For Equipment Without Operator, Deduct		*-12,265.74*
01 22 23 00-1154	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	1,035.33	
		For Equipment Without Operator, Deduct		*-572.57*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1155	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	4,137.80	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-1156	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	15,645.33	
		For Equipment Without Operator, Deduct	*-12,339.93*	
01 22 23 00-1157	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,101.43	
		For Equipment Without Operator, Deduct	*-572.57*	
01 22 23 00-1158	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	4,279.46	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-1159	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	15,739.77	
		For Equipment Without Operator, Deduct	*-12,339.93*	
01 22 23 00-1160	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,885.29	
		For Equipment Without Operator, Deduct	*-572.57*	
01 22 23 00-1161	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	5,894.38	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-1162	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	20,272.89	
		For Equipment Without Operator, Deduct	*-12,339.93*	
01 22 23 00-1163	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,016.56	
		For Equipment Without Operator, Deduct	*-572.57*	
01 22 23 00-1164	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	6,197.54	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-1165	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	21,066.19	
		For Equipment Without Operator, Deduct	*-12,339.93*	

01 22 23 00-1166 Vacuum Trucks *(01 22 23 00-1132)*

01 22 23 00-1167	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,875.84	
		For Equipment Without Operator, Deduct	*-572.57*	
01 22 23 00-1168	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	6,787.79	
		For Equipment Without Operator, Deduct	*-2,862.86*	
01 22 23 00-1169	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	23,922.05	
		For Equipment Without Operator, Deduct	*-12,339.93*	

01 22 23 00-1170 Water Trucks *(01 22 23 00-1132)*

See CSI section 01 22 23 00-1182 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-1171	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,295.77	
		For Equipment Without Operator, Deduct	*-572.57*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	
01 22 23 00-1172	WK	2,000 Gallon Water Truck With Full-Time Driver	4,767.27	
		For Equipment Without Operator, Deduct	*-2,862.86*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	
01 22 23 00-1173	MO	2,000 Gallon Water Truck With Full-Time Driver	16,839.81	
		For Equipment Without Operator, Deduct	*-12,339.93*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	
01 22 23 00-1174	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,649.33	
		For Equipment Without Operator, Deduct	*-572.57*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	
01 22 23 00-1175	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	5,827.96	
		For Equipment Without Operator, Deduct	*-2,862.86*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	
01 22 23 00-1176	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	19,571.88	
		For Equipment Without Operator, Deduct	*-12,339.93*	
		For Each 1,000 Gallon Of Purchased Water, Add	*2.55*	

01 22 23 00-1177 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1132)*

01 22 23 00-1178	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion, Arrow Board With Full-Time Truck Driver	1,204.13	
		For Equipment Without Operator, Deduct	*-569.13*	
01 22 23 00-1179	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	4,117.65	
		For Equipment Without Operator, Deduct	*-2,845.65*	
01 22 23 00-1180	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	15,354.76	
		For Equipment Without Operator, Deduct	*-12,265.76*	

01 22 23 00-1181 Trailers *(01 22 23 00-1131)*

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

01 22 23 00-1182 Water Trailers With Pump *(01 22 23 00-1181)*

01 22 23 00-1183	DAY	500 To 600 Gallon Water Trailer With Pump	184.82	
01 22 23 00-1184	WK	500 To 600 Gallon Water Trailer With Pump	474.09	
01 22 23 00-1185	MO	500 To 600 Gallon Water Trailer With Pump	1,269.61	

01 40 Quality Requirements *(01)*

01 45 Quality Control *(01 40)*

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

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

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

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0003	EA	Concrete Cores Compression Test, ASTM C-42	73.78	
01 45 23 00-0004	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	18.02	
01 45 23 00-0005	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	36.06	
01 45 23 00-0006	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	107.82	
01 45 23 00-0007	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	39.72	
01 45 23 00-0008	EA	Concrete Mix Design Review	215.65	
01 45 23 00-0009	EA	Trial Concrete Batch Prepared In Laboratory	510.75	
01 45 23 00-0010	EA	Concrete Shrinkage, ASTM C-157 Modified	397.25	
01 45 23 00-0011	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	61.29	
01 45 23 00-0012	EA	Concrete Slump Test, ASTM C143	28.38	
01 45 23 00-0013	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	28.38	

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

01 45 23 00-0015	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	28.38	
01 45 23 00-0016	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	45.40	

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

01 45 23 00-0018	EA	Hveem Asphaltic Concrete Stability Test, CA 366	56.75	
01 45 23 00-0019	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	147.55	
01 45 23 00-0020	EA	Stability Tests, Premixed, ASTM D1559	56.75	
01 45 23 00-0021	EA	Stability Tests, Lab. Mixed, ASTM D1559	147.55	
01 45 23 00-0022	EA	Swell Test, CA 305 Note: Includes compaction.	68.10	
01 45 23 00-0023	EA	% Asphalt Extraction Test, ASTM D-2172 B	170.25	
01 45 23 00-0024	EA	Maximum Theoretical Unit Weight, ASTM C2041	108.18	
01 45 23 00-0025	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	22.70	
01 45 23 00-0026	EA	Asphalt Unit Weight On Core Test, CA 308C	22.70	
01 45 23 00-0027	HR	Nuclear Field Density Testing, 4 Hour Minimum	116.90	
01 45 23 00-0028	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	76.59	
01 45 23 00-0029	EA	Penetration, ASTM D5	81.98	

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

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

01 45 23 00-0032	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.41	
01 45 23 00-0033	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	5.49	
01 45 23 00-0034	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,648.17	
01 45 23 00-0035	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,013.78	
01 45 23 00-0036	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	2,564.63	

01 45 23 00-0037 Tank Line Tightness Testing *(01 45 23 00-0030)*

01 45 23 00-0038	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	347.77	
01 45 23 00-0039	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	386.16	
01 45 23 00-0040	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	424.42	

01 45 23 00-0041 Other Testing *(01 45 23)*

01 45 23 00-0042 Special Testing *(01 45 23 00-0041)*

01 45 23 00-0043	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	87.98	
01 45 23 00-0044	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	527.89	
01 45 23 00-0045	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	26.54	
01 45 23 00-0046	EA	Testing For The Presence Of PCBs In Caulk, Analysis Per Sample	110.02	
01 45 23 00-0047	EA	Testing For The Presence Of PCBs In Soil, Analysis Per Sample	110.02	
01 45 23 00-0048	EA	Testing For The Presence Of PCBs Using Wipe Sampling, Analysis Per Sample	110.02	
01 45 23 00-0049	EA	Testing For The Presence Of PCBs In Air, Analysis Per Sample	605.11	

01 45 23 00-0050 Nondestructive Field Testing Services *(01 45 23 00-0041)*

01 45 23 00-0051 Infrared Thermography *(01 45 23 00-0050)*

Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.

01 45 23 00-0052 Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0051)*

Note: For on the roof surveys.

01 45 23 00-0053	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	1,800.00	
01 45 23 00-0054	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.00	
		For CADD Drawings, Add		*0.60*
01 45 23 00-0055	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.00	
		For CADD Drawings, Add		*0.40*
01 45 23 00-0056	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.50	
		For CADD Drawings, Add		*0.30*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.38*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.38*
01 45 23 00-0057	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.00	
		For CADD Drawings, Add		*0.20*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.25*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.25*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0058		Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For finding moisture in walls and windows.		
01 45 23 00-0059	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0060	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add	*1.50*	
01 45 23 00-0061	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0062	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	1.00	
		For Digital Or Analog Recording Of All Items, Add	*0.50*	
01 45 23 00-0063		General Building Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0064	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	1,950.00	
01 45 23 00-0065	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add	*1.50*	
01 45 23 00-0066	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add	*1.00*	
01 45 23 00-0067	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	1.00	
		For Digital Or Analog Recording Of All Items, Add	*0.50*	
01 45 23 00-0068		Electrical /Mechanical Equipment Scanning Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0069	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0070	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	160.53	
		For Digital Or Analog Recording Of All Items, Add	*24.03*	
01 45 23 00-0071		Concrete Block Wall Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0072	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0073	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	3.00	
		For Digital Or Analog Recording Of All Items, Add	*0.45*	
01 45 23 00-0074	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	2.00	
		For Digital Or Analog Recording Of All Items, Add	*0.30*	
01 45 23 00-0075		Other Nondestructive Field Testing Services *(01 45 23 00-0050)*		
01 45 23 00-0076	HR	ASNT Certified Level I NDT Consultant	69.90	
01 45 23 00-0077	HR	ASNT Certified Level II NDT Consultant	72.70	
01 45 23 00-0078	HR	ASNT Certified Level III NDT Consultant	89.60	
01 45 23 00-0079	HR	Certified Industrial Radiography Radiation Safety Personnel	89.60	
01 45 23 00-0080		Testing Professional Services *(01 45 23 00-0041)*		
01 45 23 00-0081	HR	Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	105.56	
01 45 23 00-0082	HR	Laboratory Technician	102.15	
01 45 23 00-0083	HR	Portable Digital Reinforcement Scanner	147.55	
01 45 23 00-0084	HR	Subsurface Detection Radar System	249.70	
01 45 23 00-0085	HR	Pavement Rehabilitation Analysis Using Deflectors	283.75	
01 45 23 00-0086	HR	Associate Engineer	147.55	
01 45 23 00-0087	HR	Staff Engineer	136.20	
01 45 23 00-0088	HR	Project Manager	130.52	
01 45 23 00-0089	HR	Principal Engineer	198.62	
01 45 23 00-0090	HR	Consulting Engineer	158.90	
01 45 23 00-0091		Soils/Aggregate Testing *(01 45 23)*		
01 45 23 00-0092		Field Soils Tests *(01 45 23 00-0091)*		
01 45 23 00-0093	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	175.92	
01 45 23 00-0094	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	249.70	
01 45 23 00-0095	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	283.75	
01 45 23 00-0096	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	227.00	
01 45 23 00-0097	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	340.50	
01 45 23 00-0098	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	680.79	
01 45 23 00-0099	EA	Moisture Content, Field Soils Test	25.53	
01 45 23 00-0100	EA	UBC Or Swell Test, Field Soils Test	89.44	
01 45 23 00-0101	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	170.20	
01 45 23 00-0102	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	212.75	
01 45 23 00-0103	EA	Density And Classification Test, Field Soils Test	68.08	
01 45 23 00-0104	EA	Percolation Test, Field Soils Test	170.20	
01 45 23 00-0105	EA	Infiltration Test, Field Soils Test	340.39	
01 45 23 00-0106		Soil Borings Laboratory Tests *(01 45 23 00-0091)*		
		See CSI section 02 32 13 00-0000 for soil borings.		
01 45 23 00-0107	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	78.13	
01 45 23 00-0108	EA	Shrinkage Limit, Soil Borings Laboratory Test	24.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0109	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	60.10	
01 45 23 00-0110	EA	Consolidation, Soil Borings Laboratory Test	420.70	
01 45 23 00-0111	EA	Swell Test, Soil Borings Laboratory Test	83.10	
01 45 23 00-0112	EA	In Place Density, Soil Borings Laboratory Test	18.03	
01 45 23 00-0113	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	11.20	
01 45 23 00-0114	EA	Hydrometer Analysis, Soil Borings Laboratory Test	144.61	
01 45 23 00-0115	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	50.43	
01 45 23 00-0116	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	9.97	
01 45 23 00-0117	EA	Laboratory Permeability, Soil Borings Laboratory Test	498.64	
01 45 23 00-0118	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	100.86	
01 45 23 00-0119	EA	Sulfate Soundness, Soil Borings Laboratory Test	124.66	
01 45 23 00-0120	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	290.67	
01 45 23 00-0121	EA	California Bearing Ratio, ASTM D1883	255.38	
01 45 23 00-0122	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	74.80	
01 45 23 00-0123	EA	Compaction Test Base Course, Soil Borings Laboratory Test	63.28	
01 45 23 00-0124	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	245.95	
01 45 23 00-0125	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	38.23	
01 45 23 00-0126		Aggregate Testing *(01 45 23 00-0091)*		
01 45 23 00-0127	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	56.75	
01 45 23 00-0128	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	102.15	
01 45 23 00-0129	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	141.88	
01 45 23 00-0130	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	110.63	
01 45 23 00-0131	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	90.15	
01 45 23 00-0132	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	80.84	
01 45 23 00-0133	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	120.20	
01 45 23 00-0134	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	113.50	
01 45 23 00-0135	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	113.50	
01 45 23 00-0136	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	85.12	
01 45 23 00-0137	EA	Fine Aggregate Durability Index, CA 229	90.80	
01 45 23 00-0138	EA	Sodium And Magnesium Soundness, ASTM C88	238.28	
01 45 23 00-0139	EA	Los Angeles Rattler, ASTM C-131, CA 211	181.60	
01 45 23 00-0140	EA	Los Angeles Rattler, ASTM C-535	181.60	
01 45 23 00-0141	EA	Unit Weight Of Aggregates, ASTM C29	51.08	
01 45 23 00-0142	EA	Organic Impurities In Sand, ASTM C40	51.06	
01 45 23 00-0143	EA	Crushed Particle, ASTM California Test Method	51.06	
01 45 23 00-0144	EA	Clay Lump And Friable Particles, ASTM C142	102.12	
01 45 23 00-0145		Permeability Tests *(01 45 23 00-0091)*		
01 45 23 00-0146		In-Place Tests *(01 45 23 00-0145)*		
01 45 23 00-0147	EA	Double Ring Infiltrometer Test, ASTM D3385	901.50	
01 45 23 00-0148	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	42.55	
01 45 23 00-0149		Lab Tests *(01 45 23 00-0145)*		
01 45 23 00-0150	EA	Falling Head Rigid Wall Consolidometer Technique CAE	420.70	
01 45 23 00-0151	EA	Falling Head Permeability Test EPA-9100	420.70	
01 45 23 00-0152	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	240.40	
01 45 23 00-0153		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0154		Masonry Testing *(01 45 23 00-0153)*		
01 45 23 00-0155	EA	2" x 4" Cylinder Mortar Compression Test	37.46	
01 45 23 00-0156	EA	4" x 4" x 8" Grout Prisms Compression Test	37.46	
01 45 23 00-0157	EA	Masonry Cores Compression Test	73.78	
01 45 23 00-0158	EA	Composite Grouted Prism Compression Test	141.88	
01 45 23 00-0159		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0153)*		
01 45 23 00-0160	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	90.80	
01 45 23 00-0161	EA	Absorption Test, Moisture Content And Unit Weight	62.42	
01 45 23 00-0162	EA	Moisture Condition By Relative Humidity, ASTM C427, First Unit	238.28	
01 45 23 00-0163	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	119.14	

01 50 Temporary Facilities And Controls *(01)*

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

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Service Switch And/Or Building Feeder Switch *(01 51 13)*
Note: Includes fuses.

01 51 13 00-0002	EA	Temporary 30 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	499.95	204.54
01 51 13 00-0003	EA	Temporary 60 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	622.72	271.28
01 51 13 00-0004	EA	Temporary 100 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	910.86	296.89
01 51 13 00-0005	EA	Temporary 200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	1,362.94	462.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 51 13 00-0006	EA	Temporary 400 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	2,553.93	766.84
01 51 13 00-0007	EA	Temporary 600 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	4,358.98	1,022.51
01 51 13 00-0008	EA	Temporary 800 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	6,151.63	1,159.41
01 51 13 00-0009	EA	Temporary 1,200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	9,973.97	1,766.71
01 51 13 00-0010	EA	Temporary 2,000 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses	14,155.19	2,650.16
01 51 13 00-0011		Panelboard Complete With Branch Fuses 120/208V *(01 51 13)*		
		Note: Main lug.		
01 51 13 00-0012	EA	Temporary 100 Amp Panelboard Complete With Up To 24 Branch Circuits, 120/208 Volt	984.24	200.75
01 51 13 00-0013	EA	Temporary 200 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt	1,315.01	368.14
01 51 13 00-0014	EA	Temporary 400 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt	2,073.51	552.11
01 51 13 00-0015	EA	Temporary 600 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt	2,856.52	920.24
01 51 13 00-0016		Cord Grip Plug *(01 51 13)*		
		Note: Includes installation, a maximum of 50' of cord and connection to source.		
01 51 13 00-0017	EA	Temporary 2 - Pole Cord Grip Plug With Installation	147.41	55.28
01 51 13 00-0018	EA	Temporary 3 - Pole Cord Grip Plug With Installation	215.10	85.04
01 51 13 00-0019	EA	Temporary 4 - Pole Cord Grip Plug With Installation	275.65	110.39
01 51 13 00-0020	EA	Temporary 3 - Pole (30 A) Cord Grip Plug With Installation	209.16	85.04
01 51 13 00-0021	EA	Temporary 4 - Pole (30 A) Cord Grip Plug With Installation	266.16	110.39
01 51 13 00-0022	EA	Temporary 3 - Pole (50 A) Cord Grip Plug With Installation	235.67	85.04

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001		Temporary Devices *(01 51 26)*		
		Note: Includes removal after use.		
01 51 26 00-0002	EA	Temporary Exit Light	173.86	41.23
01 51 26 00-0003	EA	Temporary Light Socket With Branch Wiring Connection And Lamp	20.12	8.57
01 51 26 00-0004	EA	Temporary 10 Light String With Cages	59.13	19.38
01 51 26 00-0005	EA	Temporary GFI Device With Enclosure And Branch Wiring	185.51	55.28
01 51 26 00-0006	EA	Temporary Trailer Socket With Branch Wiring	68.68	20.02
01 51 26 00-0007	EA	Temporary High Bay Light	215.00	81.17

01 52 Construction Facilities *(01 50)*

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

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

01 52 13 00-0001		Field Offices *(01 52 13)*	
		Note: Excludes furniture, utility connections and service. Minimum 6 months rental.	
01 52 13 00-0002	MO	8' x 24' Office, With Toilet	170.54
		For Each Delivery And Removal, Round Trip, Add	*939.13*
		For Each Set-Up (Block And Level), Add	*163.42*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
		For Office Trailer Without Toilet, Deduct	*-34.11*
01 52 13 00-0003	MO	8' x 32' Office, With Toilet	193.27
		For Each Delivery And Removal, Round Trip, Add	*939.13*
		For Each Set-Up (Block And Level), Add	*163.42*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
		For Office Trailer Without Toilet, Deduct	*-38.65*
01 52 13 00-0004	MO	10' x 36' Office, With Toilet	261.49
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
		For Office Trailer Without Toilet, Deduct	*-52.30*
01 52 13 00-0005	MO	10' x 40' Office, With Toilet	278.55
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
		For Office Trailer Without Toilet, Deduct	*-55.71*
01 52 13 00-0006	MO	10' x 44' Office, With Toilet	306.97
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
01 52 13 00-0007	MO	10' x 50' Office, With Toilet	324.02
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
01 52 13 00-0008	MO	12' x 44' Office, With Toilet	586.52
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*
01 52 13 00-0009	MO	12' x 50' Office, With Toilet	380.86
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*
		For Each Set-Up (Block And Level), Add	*266.63*
		For Each Anchoring Into Dirt, Add	*93.33*
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0010	MO	12' x 60' Office, With Toilet	414.98	
		For Each Delivery And Removal, Round Trip, Add	*1,556.98*	
		For Each Set-Up (Block And Level), Add	*266.63*	
		For Each Anchoring Into Dirt, Add	*93.33*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*	
01 52 13 00-0011	MO	24' x 60' Office, With Toilet	909.52	
		For Each Delivery And Removal, Round Trip, Add	*2,965.68*	
		For Each Set-Up (Block And Level), Add	*430.05*	
		For Each Anchoring Into Dirt, Add	*93.33*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*	
01 52 13 00-0012	MO	24' x 72' Office, With Toilet	1,091.43	
		For Each Delivery And Removal, Round Trip, Add	*2,965.68*	
		For Each Set-Up (Block And Level), Add	*430.05*	
		For Each Anchoring Into Dirt, Add	*93.33*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*	
01 52 13 00-0013	MO	30' x 30' Office, With Toilet	518.72	
		For Each Delivery And Removal, Round Trip, Add	*2,965.68*	
		For Each Set-Up (Block And Level), Add	*430.05*	
		For Each Anchoring Into Dirt, Add	*93.33*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*140.00*	

01 52 13 00-0014 Storage Containers *(01 52 13)*

01 52 13 00-0015	MO	8' x 8' x 10' Storage Container	82.50	
		For Delivery And Pick-up Of Container, Add	*167.39*	
		For >12 Months, Deduct	*-24.75*	
01 52 13 00-0016	MO	8' x 8' x 20' Storage Container	86.25	
		For Delivery And Pick-up Of Container, Add	*184.13*	
		For >12 Months, Deduct	*-25.88*	
01 52 13 00-0017	MO	8' x 8' x 40' Storage Container	102.00	
		For Delivery And Pick-up Of Container, Add	*370.83*	
		For >12 Months, Deduct	*-30.60*	

01 52 19 Sanitary Facilities *(01 52)*

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

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

01 52 19 00-0002	WK	Portable Toilets, Chemical	31.66	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Delivery, Add	*35.00*	
01 52 19 00-0003	MO	Portable Toilets, Chemical	94.99	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Delivery, Add	*35.00*	
01 52 19 00-0004	WK	ADA Portable Toilets, Chemical	37.77	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Delivery, Add	*35.00*	
01 52 19 00-0005	MO	ADA Portable Toilets, Chemical	110.82	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Delivery, Add	*35.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	28.06	
01 52 19 00-0007	MO	Two Station Portable Handwash	85.10	
01 52 19 00-0008	MO	Portable Toilets, Multi Trailer - 16'	2,569.75	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)		
01 52 19 00-0009	WK	Service Trailer Restrooms, 3 Times Per Week	1,926.38	

01 54 Construction Aids *(01 50)*

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

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

Note: Additional scaffolding rental for work above the normal working height of 14'. See CSI section 04 05 26 00-0000 for masonry scaffolding.

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

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

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month)	20.84	
		For Up To 25, Add	*8.34*	
		For >25 To 50, Add	*5.21*	
		For >50 To 150, Add	*2.08*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide x 7' Long Sections (CCF / Month)	23.44	
		For Up To 25, Add	*9.38*	
		For >25 To 50, Add	*5.86*	
		For >50 To 150, Add	*2.34*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide x 7' Long Sections (CCF / Month)	31.26	
		For Up To 25, Add	*12.50*	
		For >25 To 50, Add	*7.82*	
		For >50 To 150, Add	*3.13*	

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

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

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	41.98
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	52.49
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	62.98

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0010	CCF	>60' To 80' Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	69.28	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	79.78	

01 54 23 00-0012 Rolling Scaffolding *(01 54 23)*

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

01 54 23 00-0013	DAY	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	10.15	
01 54 23 00-0014	WK	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	40.69	
01 54 23 00-0015	MO	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	162.74	
01 54 23 00-0016	DAY	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	17.00	
01 54 23 00-0017	WK	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	68.08	
01 54 23 00-0018	MO	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	272.36	
01 54 23 00-0019	EA	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >14' To 20'	85.03	
01 54 23 00-0020	EA	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >20' To 40'	106.29	

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

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

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

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

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	1,539.12	
01 54 26 00-0003	MO	24' Swing Stage, Manually Operated	554.80	
01 54 26 00-0004	EA	Swing Stage Erection And Dismantling	396.41	
		Note: Includes both erection and dismantling of swing stage.		
01 54 26 00-0005	EA	Move Swing Stage To Different Roof At Same Site	185.73	
01 54 26 00-0006	EA	Move Swing Stage To Different Location At Same Roof	85.73	

01 54 29 Temporary Sidewalk Protection *(01 54)*

01 54 29 00-0001 Sidewalk Bridge *(01 54 29)*

01 54 29 00-0002 Installation of Sidewalk Bridge *(01 54 29 00-0001)*

01 54 29 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	71.38	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add		*6.00*
		For Each Additional Foot Over 8' Wide, Add		*3.00*
		For Each Additional Foot Over 8' High, Add		*2.00*
01 54 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	3.43	

01 54 29 00-0005 Monthly Rental of Sidewalk Bridge *(01 54 29 00-0001)*

01 54 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	5.49	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*0.82*
01 54 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	6.17	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*0.93*
01 54 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	6.86	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.03*
01 54 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	6.86	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.03*
01 54 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	7.54	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.13*
01 54 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	8.92	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.34*
01 54 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	8.23	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.23*
01 54 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	9.60	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.44*
01 54 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	10.29	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add		*1.54*
01 54 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	1.03	

01 54 29 00-0016 Removal of Sidewalk Bridge *(01 54 29 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 29 00-0017	LF	Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	27.97	
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 54 29 00-0018	LF	Removal of Netting for Sidewalk Bridge	1.71	

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

01 55 23 Temporary Roads *(01 55)*

01 55 23 00-0001 Temporary Stabilized Construction Entrance *(01 55 23)*

Note: As per Caltrans detail.

01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	2.79
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	3.52

01 55 23 00-0004 Rumble Trench Plate *(01 55 23)*

01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	205.58
01 55 23 00-0006	EA	Place And Remove Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	73.63
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	18.40

01 55 26 Traffic Control *(01 55)*

01 55 26 00-0001 Pedestrian Traffic Control *(01 55 26)*

01 55 26 00-0002	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	10.59
01 55 26 00-0003	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	14.43
01 55 26 00-0004	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	7.46
01 55 26 00-0005	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.41
01 55 26 00-0006	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	10.64
01 55 26 00-0007	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	15.57
01 55 26 00-0008	CLF	1" Exterior Vinyl Tape (Warning Tape)	13.28
01 55 26 00-0009	CLF	2" Exterior Vinyl Tape (Warning Tape)	19.53
01 55 26 00-0010	CLF	3" Exterior Vinyl Tape (Warning Tape)	25.64
01 55 26 00-0011	CLF	4" Exterior Vinyl Tape (Warning Tape)	30.07

01 55 26 00-0012 Removable Preformed Traffic Black Line Mask *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0013	LF	6" Removable Traffic Black Line Mask	4.14
01 55 26 00-0014	LF	8" Removable Traffic Black Line Mask	5.06

01 55 26 00-0015 Temporary Preformed Traffic Line Tape *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0016	LF	4" Reflective Removable Traffic Line Tape	3.16
01 55 26 00-0017	LF	6" Reflective Removable Traffic Line Tape	4.19
01 55 26 00-0018	LF	8" Reflective Removable Traffic Line Tape	5.16

01 55 26 00-0019 Temporary Painted Traffic Lines *(01 55 26)*

Note: Includes installation and removal after use.

01 55 26 00-0020	LF	4" Temporary Painted Traffic Lines	2.91
		For Not Removed, Deduct	*-2.38*
01 55 26 00-0021	LF	6" Temporary Painted Traffic Lines	3.89
		For Not Removed, Deduct	*-3.24*
01 55 26 00-0022	LF	8" Temporary Painted Traffic Lines	4.88
		For Not Removed, Deduct	*-4.11*
01 55 26 00-0023	EA	2" High x 2" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.21
01 55 26 00-0024	EA	2" High x 4" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.22

01 55 26 00-0025 Traffic Protection *(01 55 26)*

01 55 26 00-0026 Portable Traffic Control Device Usage *(01 55 26 00-0025)*

Note: Excludes placing and removing devices.

01 55 26 00-0027	DAY	28" Cone With Reflective Collar	0.44
01 55 26 00-0028	WK	28" Cone With Reflective Collar	1.32
01 55 26 00-0029	MO	28" Cone With Reflective Collar	3.97
01 55 26 00-0030	DAY	Vertical Panel	1.33
01 55 26 00-0031	WK	Vertical Panel	4.00
01 55 26 00-0032	MO	Vertical Panel	12.00
01 55 26 00-0033	DAY	Channelizer Drum	1.45
01 55 26 00-0034	WK	Channelizer Drum	4.34
01 55 26 00-0035	MO	Channelizer Drum	13.03
01 55 26 00-0036	DAY	Stackable Channelizer Panel	0.68
01 55 26 00-0037	WK	Stackable Channelizer Panel	2.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0038	MO	Stackable Channelizer Panel	6.16	
01 55 26 00-0039	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	0.95	
01 55 26 00-0040	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	2.84	
01 55 26 00-0041	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	8.53	
01 55 26 00-0042	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	2.10	
01 55 26 00-0043	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	6.30	
01 55 26 00-0044	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	18.91	
01 55 26 00-0045	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	2.39	
01 55 26 00-0046	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	7.18	
01 55 26 00-0047	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	21.55	
01 55 26 00-0048	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	4.38	
01 55 26 00-0049	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	13.14	
01 55 26 00-0050	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	39.41	
01 55 26 00-0051	DAY	Up To 10' Wide A Frame Barricade	2.40	
01 55 26 00-0052	WK	Up To 10' Wide A Frame Barricade	7.21	
01 55 26 00-0053	MO	Up To 10' Wide A Frame Barricade	21.62	
01 55 26 00-0054	DAY	Type A Or C Flasher	0.49	
01 55 26 00-0055	WK	Type A Or C Flasher	1.47	
01 55 26 00-0056	MO	Type A Or C Flasher	4.41	
01 55 26 00-0057	DAY	Type B Flasher (High Intensity)	2.66	
01 55 26 00-0058	WK	Type B Flasher (High Intensity)	7.97	
01 55 26 00-0059	MO	Type B Flasher (High Intensity)	23.90	

01 55 26 00-0060 Traffic Barriers Usage *(01 55 26 00-0025)*

Note: Excludes placing and removing devices.

01 55 26 00-0061	DAY	6' Long Portable Parking Curbs	1.14	
01 55 26 00-0062	WK	6' Long Portable Parking Curbs	3.43	
01 55 26 00-0063	MO	6' Long Portable Parking Curbs	10.29	
01 55 26 00-0064	DAY	6' Long Portable Speed Bumps	3.38	
01 55 26 00-0065	WK	6' Long Portable Speed Bumps	10.15	
01 55 26 00-0066	MO	6' Long Portable Speed Bumps	30.46	
01 55 26 00-0067	DAY	Up To 12.5' Concrete Traffic Barrier	8.13	
01 55 26 00-0068	WK	Up To 12.5' Concrete Traffic Barrier	24.40	
01 55 26 00-0069	MO	Up To 12.5' Concrete Traffic Barrier	73.19	
01 55 26 00-0070	DAY	>12.5' To 20' Concrete Traffic Barrier	16.26	
01 55 26 00-0071	WK	>12.5' To 20' Concrete Traffic Barrier	48.79	
01 55 26 00-0072	MO	>12.5' To 20' Concrete Traffic Barrier	146.37	
01 55 26 00-0073	DAY	6' x 32" Tall Plastic Water Barrier	9.71	
01 55 26 00-0074	WK	6' x 32" Tall Plastic Water Barrier	29.13	
01 55 26 00-0075	MO	6' x 32" Tall Plastic Water Barrier	87.40	
01 55 26 00-0076	DAY	6' x 46" Tall Plastic Water Barrier	13.87	
01 55 26 00-0077	WK	6' x 46" Tall Plastic Water Barrier	41.60	
01 55 26 00-0078	MO	6' x 46" Tall Plastic Water Barrier	124.80	
01 55 26 00-0079	DAY	Sand Filled Crash Attenuator Barrels	5.43	
01 55 26 00-0080	WK	Sand Filled Crash Attenuator Barrels	16.28	
01 55 26 00-0081	MO	Sand Filled Crash Attenuator Barrels	48.85	

01 55 26 00-0082 Portable Signs And Message Displays Usage *(01 55 26 00-0025)*

Note: Excludes placing and removing devices.

01 55 26 00-0083	DAY	Mesh Or Vinyl Roll-up Sign With Stand	4.26	
01 55 26 00-0084	WK	Mesh Or Vinyl Roll-up Sign With Stand	12.78	
01 55 26 00-0085	MO	Mesh Or Vinyl Roll-up Sign With Stand	38.35	
01 55 26 00-0086	DAY	Aluminum Sign And Post	2.39	
01 55 26 00-0087	WK	Aluminum Sign And Post	7.16	
01 55 26 00-0088	MO	Aluminum Sign And Post	21.47	
01 55 26 00-0089	DAY	Aluminum Sign And A Frame Stand	3.22	
01 55 26 00-0090	WK	Aluminum Sign And A Frame Stand	9.67	
01 55 26 00-0091	MO	Aluminum Sign And A Frame Stand	29.00	
01 55 26 00-0092	DAY	Trailer Mounted Flashing Arrow Board	41.01	
01 55 26 00-0093	WK	Trailer Mounted Flashing Arrow Board	123.03	
01 55 26 00-0094	MO	Trailer Mounted Flashing Arrow Board	369.09	
01 55 26 00-0095	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	122.01	
01 55 26 00-0096	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	366.03	
01 55 26 00-0097	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,098.09	
01 55 26 00-0098	DAY	Two Head, Trailer Mounted Traffic Signal (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	725.55	
01 55 26 00-0099	WK	Two Head, Trailer Mounted Traffic Signal (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	2,176.65	
01 55 26 00-0100	MO	Two Head, Trailer Mounted Traffic Signal (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	6,529.95	

01 55 26 00-0101 Place And Remove Traffic Protection Using Truck *(01 55 26 00-0025)*

Note: Includes delivery and return up to 15 miles.

01 55 26 00-0102	EA	Place And Remove Up To 250 Cones Using Truck	3.62	
01 55 26 00-0103	EA	Place And Remove >250 Cones Using Truck	2.90	
01 55 26 00-0104	EA	Place And Remove Up To 250 Panels/Channelizers Using Truck	4.83	
01 55 26 00-0105	EA	Place And Remove >250 Panels/Channelizers Using Truck	3.87	
01 55 26 00-0106	EA	Place And Remove Up To 250 Barricades Using Truck	7.25	
01 55 26 00-0107	EA	Place And Remove >250 Barricades Using Truck	5.80	
01 55 26 00-0108	EA	Place And Remove Curbs/Speed Bumps Using Truck	7.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0109	EA	Place And Remove Portable Sign And Stand Using Truck	4.35	
01 55 26 00-0110	EA	Place And Remove Aluminum Sign And Post Using Truck	18.13	
01 55 26 00-0111	EA	Place And Remove Trailer Mounted Boards And Signals Using Truck	54.38	
01 55 26 00-0112	EA	Place And Remove Up To 12.5' Concrete Traffic Barrier	73.63	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*184.08*	
		For 2 Barriers, Add	*66.27*	
		For 3 Barriers, Add	*22.09*	
01 55 26 00-0113	EA	Place And Remove >12.5' Concrete Traffic Barrier	110.44	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*276.10*	
		For 2 Barriers, Add	*99.40*	
		For 3 Barriers, Add	*33.13*	
01 55 26 00-0114	EA	Place And Remove Plastic Water Barrier	38.36	
		Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*92.03*	
		For 2 Barriers, Add	*33.13*	
		For 3 Barriers, Add	*11.04*	
01 55 26 00-0115	EA	Place And Remove Crash Attenuator Barrels	55.21	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*138.03*	
		For 2 Barriers, Add	*49.69*	
		For 3 Barriers, Add	*16.56*	

01 55 26 00-0116 Place And Remove Traffic Protection From Roadside (Daily) *(01 55 26 00-0025)*

01 55 26 00-0117	EA	Place And Remove Up To 250 Cones By Hand From Roadside	1.82	
01 55 26 00-0118	EA	Place And Remove >250 Cones By Hand From Roadside	1.45	
01 55 26 00-0119	EA	Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside	2.42	
01 55 26 00-0120	EA	Place And Remove >250 Panels/Channelizers By Hand From Roadside	1.92	
01 55 26 00-0121	EA	Place And Remove Up To 250 Barricades By Hand From Roadside	3.62	
01 55 26 00-0122	EA	Place And Remove >250 Barricades By Hand From Roadside	2.90	
01 55 26 00-0123	EA	Place And Remove Portable Sign And Stand From Roadside	2.16	
01 55 26 00-0124	EA	Place And Remove Trailer Mounted Boards And Signals From Roadside	27.19	
01 55 26 00-0125	EA	Roadside Relocation Of Concrete Traffic Barrier	36.81	
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.		

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

Note: Includes removal after use.

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

01 56 16 00-0001 Temporary Plastic Sheeting For Protection *(01 56 16)*

See CSI section 02 89 00 00-0002 for Other barriers for infectious control.

01 56 16 00-0002	SF	6 Mil Plastic Sheeting, Applied To Floors	0.29	
01 56 16 00-0003	SF	6 Mil Plastic Sheeting, Applied To Walls	0.37	
01 56 16 00-0004	SF	6 Mil Plastic Sheeting, Applied To Ceilings	0.49	
01 56 16 00-0005	SF	10 Mil Plastic Sheeting Applied To Scaffolding	0.58	
01 56 16 00-0006	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors	0.33	
01 56 16 00-0007	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls	0.41	
01 56 16 00-0008	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings	0.53	
01 56 16 00-0009	EA	7' Zipper Door For Plastic Sheeting	17.10	
01 56 16 00-0010	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)	5.81	
		Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.		
01 56 16 00-0011	EA	Up To 1 SF Individual Critical Barriers	9.29	
		Note: For Outlets And Receptacles		
01 56 16 00-0012	EA	>1 To 4 SF Individual Critical Barriers	14.05	
		Note: For diffusers, ceiling speakers, return grilles, etc.		
01 56 16 00-0013	EA	>4 To 8 SF Individual Critical Barriers	18.85	
		Note: For diffusers, return grilles, access doors, light fixtures, etc.		
01 56 16 00-0014	EA	>8 To 32 SF Individual Critical Barriers	29.10	
		Note: For doors, windows, etc.		
01 56 16 00-0015	EA	Magnetic Dust Barrier Door System For Plastic Sheeting	17.06	
		Note: Multi use. Excludes spring poles and magnetic strips.		
01 56 16 00-0016	EA	Dust Barrier Spring Pole For Door System, 29" To 50"	4.83	
		Note: Multi use.		
01 56 16 00-0017	EA	Magnetic Strip For Door System	2.48	
		Note: Multi use.		

01 56 16 00-0018 Temporary Stud Wall *(01 56 16)*

01 56 16 00-0019 Temporary Stud Wall With Drywall *(01 56 16 00-0018)*

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

01 56 16 00-0020 Temporary Stud Wall With Drywall *(01 56 16 00-0019)*

01 56 16 00-0021	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.96	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0022	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	4.96	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0023	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.04	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0024	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.88	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0025	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.88	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0026	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.05	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	

01 56 16 00-0027 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0019)*

01 56 16 00-0028	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.06	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0029	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.08	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0030	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.04	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0031	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.67	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0032	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.07	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0033	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.13	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0034	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.03	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0035	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.30	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	

01 56 16 00-0036 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0018)*

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

01 56 16 00-0037	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.89	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0038	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	4.93	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0039	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.04	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0040	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.10	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0041	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.74	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0042	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.82	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0043	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.05	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0044	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.17	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	

01 56 16 00-0045 Temporary Stud Wall With BC Plywood *(01 56 16 00-0018)*

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

01 56 16 00-0046	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.16	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0047	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.31	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0048	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.46	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0049	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.59	
		For Metal Studs 24" On Center, Add/Deduct	*0.33*	
01 56 16 00-0050	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.28	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0051	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.58	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0052	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.89	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	
01 56 16 00-0053	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.14	
		For Metal Studs 24" On Center, Add/Deduct	*0.41*	

01 56 16 00-0054 Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0018)*

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

01 56 16 00-0055	SF	6 Mil Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.85	

01 56 16 00-0056 Temporary Doors *(01 56 16 00-0018)*

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

01 56 16 00-0057	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	441.86	

01 56 16 00-0058 Temporary Floor Protection *(01 56 16)*

01 56 16 00-0059	SF	1/2" Plywood For Temporary Floor Protection	1.52	
01 56 16 00-0060	SF	3/4" Plywood For Temporary Floor Protection	1.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0061		Sticky Mats *(01 56 16)*		
01 56 16 00-0062	EA	18" x 36", 30 Layer Sticky Mat	20.36	
		For 60 Layers Instead Of 30, Add	*12.72*	
01 56 16 00-0063	EA	18" x 46", 30 Layer Sticky Mat	23.19	
		For 60 Layers Instead Of 30, Add	*14.84*	
01 56 16 00-0064	EA	24" x 36", 30 Layer Sticky Mat	23.19	
		For 60 Layers Instead Of 30, Add	*14.84*	
01 56 16 00-0065	EA	25" x 45", 30 Layer Sticky Mat	30.25	
		For 60 Layers Instead Of 30, Add	*20.14*	
01 56 16 00-0066	EA	36" x 36", 30 Layer Sticky Mat	33.08	
		For 60 Layers Instead Of 30, Add	*22.26*	
01 56 16 00-0067	EA	36" x 46", 30 Layer Sticky Mat	35.91	
		For 60 Layers Instead Of 30, Add	*24.38*	
01 56 16 00-0068	EA	36" x 60", 30 Layer Sticky Mat	71.24	
		For 60 Layers Instead Of 30, Add	*50.88*	
01 56 16 00-0069	EA	36" x 72", 30 Layer Sticky Mat	84.81	

01 56 26 Temporary Fencing *(01 56)*

01 56 26 00-0001 Temporary Fencing *(01 56 26)*
Note: Includes set-up and removal. Excludes auguring/drilling for posts.

01 56 26 00-0002 Temporary Chain Link Fence *(01 56 26 00-0001)*
Note: Includes set-up and removal. Excludes auguring/drilling for posts.

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

01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	3.15
		For >100 To 250, Deduct	*-0.16*
		For >250 To 500, Deduct	*-0.32*
		For >500, Deduct	*-0.47*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	3.56
		For >100 To 250, Deduct	*-0.18*
		For >250 To 500, Deduct	*-0.36*
		For >500, Deduct	*-0.53*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	6.01
		For >100 To 250, Deduct	*-0.30*
		For >250 To 500, Deduct	*-0.60*
		For >500, Deduct	*-0.90*
		For Shade Cloth, Add	*3.60*
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	17.88
		For >100 To 250, Deduct	*-0.89*
		For >250 To 500, Deduct	*-1.79*
		For >500, Deduct	*-2.68*
		For Shade Cloth, Add	*4.75*

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

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	3.48
		For >100 To 250, Deduct	*-0.17*
		For >250 To 500, Deduct	*-0.35*
		For >500, Deduct	*-0.52*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	3.91
		For >100 To 250, Deduct	*-0.20*
		For >250 To 500, Deduct	*-0.39*
		For >500, Deduct	*-0.59*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	6.61
		For >100 To 250, Deduct	*-0.33*
		For >250 To 500, Deduct	*-0.66*
		For >500, Deduct	*-0.99*
		For Shade Cloth, Add	*3.60*
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	19.66
		For >100 To 250, Deduct	*-0.98*
		For >250 To 500, Deduct	*-1.97*
		For >500, Deduct	*-2.95*
		For Shade Cloth, Add	*4.75*

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

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	3.83
		For >100 To 250, Deduct	*-0.19*
		For >250 To 500, Deduct	*-0.38*
		For >500, Deduct	*-0.57*
		For Shade Cloth, Add	*1.60*
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	4.31
		For >100 To 250, Deduct	*-0.22*
		For >250 To 500, Deduct	*-0.43*
		For >500, Deduct	*-0.65*
		For Shade Cloth, Add	*2.55*
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	7.28
		For >100 To 250, Deduct	*-0.36*
		For >250 To 500, Deduct	*-0.73*
		For >500, Deduct	*-1.09*
		For Shade Cloth, Add	*3.60*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	21.63	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-3.24*	
		For Shade Cloth, Add	*4.75*	

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

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	4.21	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	4.72	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.71*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	7.99	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.20*	
		For Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	23.78	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.57*	
		For Shade Cloth, Add	*4.75*	

01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

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

01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	200.98	
		For Shade Cloth, Add	*15.01*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	312.64	
		For Shade Cloth, Add	*37.52*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	357.30	
		For Shade Cloth, Add	*45.02*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	401.96	
		For Shade Cloth, Add	*56.28*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	491.28	
		For Shade Cloth, Add	*75.03*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	535.97	
		For Shade Cloth, Add	*90.04*	

01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	210.12	
		For Shade Cloth, Add	*23.92*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	326.84	
		For Shade Cloth, Add	*59.79*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	373.53	
		For Shade Cloth, Add	*71.75*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	420.25	
		For Shade Cloth, Add	*89.69*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	513.62	
		For Shade Cloth, Add	*119.58*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	560.31	
		For Shade Cloth, Add	*143.50*	

01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	231.13	
		For Shade Cloth, Add	*33.77*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	359.54	
		For Shade Cloth, Add	*84.41*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	410.90	
		For Shade Cloth, Add	*101.30*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	462.26	
		For Shade Cloth, Add	*126.62*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	564.99	
		For Shade Cloth, Add	*168.83*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	616.35	
		For Shade Cloth, Add	*202.59*	

01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	288.91	
		For Shade Cloth, Add	*44.55*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	449.42	
		For Shade Cloth, Add	*111.38*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	513.62	
		For Shade Cloth, Add	*133.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	577.83	
		For Shade Cloth, Add	*167.07*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	706.23	
		For Shade Cloth, Add	*222.76*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	770.43	
		For Shade Cloth, Add	*267.31*	

01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0023)*

01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	211.03	
		For Shade Cloth, Add	*15.01*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	328.27	
		For Shade Cloth, Add	*37.52*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	375.17	
		For Shade Cloth, Add	*45.02*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	422.06	
		For Shade Cloth, Add	*56.28*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	515.84	
		For Shade Cloth, Add	*75.03*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	562.76	
		For Shade Cloth, Add	*90.04*	

01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	220.63	
		For Shade Cloth, Add	*23.92*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	343.19	
		For Shade Cloth, Add	*59.79*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	392.21	
		For Shade Cloth, Add	*71.75*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	441.26	
		For Shade Cloth, Add	*89.69*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	539.30	
		For Shade Cloth, Add	*119.58*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	588.33	
		For Shade Cloth, Add	*143.50*	

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

01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	242.69	
		For Shade Cloth, Add	*33.77*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	377.51	
		For Shade Cloth, Add	*84.41*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	431.44	
		For Shade Cloth, Add	*101.30*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	485.37	
		For Shade Cloth, Add	*126.62*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	593.23	
		For Shade Cloth, Add	*168.83*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	647.16	
		For Shade Cloth, Add	*202.59*	

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

01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	303.36	
		For Shade Cloth, Add	*44.55*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	471.89	
		For Shade Cloth, Add	*111.38*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	539.30	
		For Shade Cloth, Add	*133.65*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	606.72	
		For Shade Cloth, Add	*167.07*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	741.54	
		For Shade Cloth, Add	*222.76*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	808.96	
		For Shade Cloth, Add	*267.31*	

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

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

01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	221.58	
		For Shade Cloth, Add	*15.01*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	344.69	
		For Shade Cloth, Add	*37.52*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	393.93	
		For Shade Cloth, Add	*45.02*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	443.16	
		For Shade Cloth, Add	*56.28*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	541.64	
		For Shade Cloth, Add	*75.03*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	590.90	
		For Shade Cloth, Add	*90.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0090		**6' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	231.66	
		For Shade Cloth, Add	*23.92*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	360.35	
		For Shade Cloth, Add	*59.79*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	411.82	
		For Shade Cloth, Add	*71.75*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	463.32	
		For Shade Cloth, Add	*89.69*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	566.27	
		For Shade Cloth, Add	*119.58*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	617.74	
		For Shade Cloth, Add	*143.50*	
01 56 26 00-0097		**8' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	254.82	
		For Shade Cloth, Add	*33.77*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	396.39	
		For Shade Cloth, Add	*84.41*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	453.02	
		For Shade Cloth, Add	*101.30*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	509.64	
		For Shade Cloth, Add	*126.62*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	622.90	
		For Shade Cloth, Add	*168.83*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	679.52	
		For Shade Cloth, Add	*202.59*	
01 56 26 00-0104		**10' High, Temporary Chain Link Fence Gates, >12 To 18 Months** *(01 56 26 00-0082)*		
01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	318.53	
		For Shade Cloth, Add	*44.55*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	495.49	
		For Shade Cloth, Add	*111.38*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	566.27	
		For Shade Cloth, Add	*133.65*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	637.05	
		For Shade Cloth, Add	*167.07*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	778.62	
		For Shade Cloth, Add	*222.76*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	849.40	
		For Shade Cloth, Add	*267.31*	
01 56 26 00-0111		**Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0023)*		
01 56 26 00-0112		**4' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	232.13	
		For Shade Cloth, Add	*15.01*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	361.10	
		For Shade Cloth, Add	*37.52*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	412.68	
		For Shade Cloth, Add	*45.02*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	464.27	
		For Shade Cloth, Add	*56.28*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	567.43	
		For Shade Cloth, Add	*75.03*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	619.04	
		For Shade Cloth, Add	*90.04*	
01 56 26 00-0119		**6' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	242.69	
		For Shade Cloth, Add	*23.92*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	377.50	
		For Shade Cloth, Add	*59.79*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	431.43	
		For Shade Cloth, Add	*71.75*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	485.38	
		For Shade Cloth, Add	*89.69*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	593.23	
		For Shade Cloth, Add	*119.58*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	647.16	
		For Shade Cloth, Add	*143.50*	
01 56 26 00-0126		**8' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	266.96	
		For Shade Cloth, Add	*33.77*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	415.26	
		For Shade Cloth, Add	*84.41*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	474.59	
		For Shade Cloth, Add	*101.30*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	533.91	
		For Shade Cloth, Add	*126.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	652.56	
		For Shade Cloth, Add	*168.83*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	711.88	
		For Shade Cloth, Add	*202.59*	

01 56 26 00-0133 10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	333.69	
		For Shade Cloth, Add	*44.55*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	519.08	
		For Shade Cloth, Add	*111.38*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	593.23	
		For Shade Cloth, Add	*133.65*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	667.39	
		For Shade Cloth, Add	*167.07*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	815.70	
		For Shade Cloth, Add	*222.76*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	889.85	
		For Shade Cloth, Add	*267.31*	

01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)*

Note: Includes set-up and removal. Excludes sandbags.

01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)*

01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	3.78	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	4.23	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	6.82	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
		For Shade Cloth, Add	*3.60*	

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

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	4.10	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.62*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	4.58	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	7.42	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.11*	
		For Shade Cloth, Add	*3.60*	

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

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	4.42	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	
		For Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	4.99	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.75*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.09	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.21*	
		For Shade Cloth, Add	*3.60*	

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

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	4.83	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.72*	
		For Shade Cloth, Add	*1.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	5.39	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.81*	
		For Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	8.79	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.32*	
		For Shade Cloth, Add	*3.60*	

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

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	5.70	

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

Note: Excludes auguring/drilling for posts.

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

01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	2.72	
01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	4.08	
01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	5.90	
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	7.26	

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

01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.68	
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.81	
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	0.92	

01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*

01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	88.44	
01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	102.04	
01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	125.86	
01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	136.06	

01 56 26 00-0174 Temporary Safety Fence *(01 56 26)*

Note: Includes removal after use.

01 56 26 00-0175	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	2.40	

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

01 56 29 00-0001 Temporary Walkways And Railings *(01 56 29)*

01 56 29 00-0002	LF	Temporary Wooden Guardrail With Top-Rail With Two Side Rails On 36" High 2 x 4 Posts 18" On Center Attached To Walkway Note: Excludes walkway.	25.85	
01 56 29 00-0003	SF	Temporary Walkway With 3/4" Plywood On 2 x 6 Stringers	4.78	
01 56 29 00-0004	RSR	Temporary Stairs On 2 x 12 Stringers (Cost Per Riser)	17.13	

01 56 29 00-0005 Safety Nets *(01 56 29)*

01 56 29 00-0006	SF	Small Mesh Debris Netting Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.	1.37	

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

01 56 33 00-0001 Street Barricade *(01 56 33)*

01 56 33 00-0002	LF	Temporary Street Barricade, Using 12" x 12" Beam As Base With 2" x 4" Top Warning Rail And Sides, Per Month	8.31	

01 56 33 00-0003 Temporary Safety Guardrail *(01 56 33)*

Note: Includes removal after use.

01 56 33 00-0004	LF	42" High, Wood Temporary Safety Guardrail Note: Includes 2" x 4" construction, top, middle and bottom horizontal rails, and post boots.	26.09	
		For Attachment To A Concrete Substrate, Add	*1.19*	

01 56 33 00-0005 Board-up Opening With Plywood *(01 56 33)*

Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0006	OPN	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	10.20	
01 56 33 00-0007	SF	Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	6.23	
01 56 33 00-0008	SF	Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	7.21	

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

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

Note: Includes digging holes and removal.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	134.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	155.75	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	168.48	

01 57 Temporary Controls *(01 50)*

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

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

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

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

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

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	64.69	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	63.63	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	78.53	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	77.46	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	93.42	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

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

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

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

Note: Excludes posts.

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

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

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	101.12	18.71
		For High-Intensity Grade, Add	*22.30*	
		For Diamond Grade, Add	*43.00*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	166.52	19.56
		For High-Intensity Grade, Add	*44.59*	
		For Diamond Grade, Add	*85.99*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	231.91	20.42
		For High-Intensity Grade, Add	*66.88*	
		For Diamond Grade, Add	*128.99*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	297.32	21.26
		For High-Intensity Grade, Add	*89.18*	
		For Diamond Grade, Add	*171.98*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	9.32	0.68
		For High-Intensity Grade, Add	*2.79*	
		For Diamond Grade, Add	*5.37*	

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

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

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	123.84	18.71
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	146.18	19.56
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	180.76	20.42
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	213.46	21.26
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	6.70	0.68

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

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	126.27	18.71
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	159.29	19.56
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	194.09	20.42
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	224.89	21.26
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	7.06	0.68

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*

Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	12.08	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	9.58	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	11.06	

01 58 13 00-0027 Owner Supplied Signs *(01 58 13 00-0001)*

01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign	68.04	

01 60 Product Requirements *(01)*

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

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

01 66 19 Material Handling *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories with attic (2-1/2 stories) or less than 125'.

01 66 19 00-0001 Material Handling Between Floors *(01 66 19)*

01 66 19 00-0002 CY Transfer Delivered Material Between Floors Via Stairs, Per Floor 13.08
Note: Quantity equals volume of materials multiplied by number of floors traveled.

01 66 19 00-0003 CY Transfer Delivered Material Between Floors Via Elevator, Per Trip 8.51
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.

01 66 19 00-0004 CY Transfer Delivered Material Between Floors Via Freight Elevator, Per Trip 12.38
Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.

01 66 19 00-0005 Moving Furniture *(01 66 19)*

Note: To be used when contractor is required to move furniture. Not to be used when the amount of furniture is less than 55% of the total floor space. Moving of furniture which occupies less than 55% of the total floor space is considered as part of the coefficient adjustment factor.

01 66 19 00-0006 SF Removal, Transport, Return And Reinstallation Of Office Furniture 0.85
Note: Includes general, desks, tables, file cabinets (full), chairs, storage boxes, bookshelves, office equipment and computers (per SF of office area). Not to be used when amount of furniture is less than 55% of total floor space.

01 66 19 00-0007 Material Handling For Distances Greater Than 125' *(01 66 19)*

01 66 19 00-0008 CY Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' 12.39
Note: For delivery, demolition or miscellaneous moving required by owner.

01 66 19 00-0009 CY Transfer Delivered Material With 2 CY Cart Greater Than 125', Per CY Of Material Per 125' 21.26
Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.

01 66 19 00-0010 Rubbish Handling Between Floors *(01 66 19)*

Note: Only use with selective demolition tasks to transfer demolished material more than 2-1/2 stories.

01 66 19 00-0011 CY Rubbish Handling Via Stairs, Per CY Of Material Per Floor 11.90
Note: Quantity equals material volume times bulk factor times number of floors traveled.

01 66 19 00-0012 CY Rubbish Handling Via Elevator, Per CY Of Material 7.08
Note: Quantity equals material volume times bulk factor. If more than one elevator is used, the quantity is factored by the number of transfers.

01 66 19 00-0013 CY Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip 11.15

01 70 Execution And Closeout Requirements *(01)*

01 71 Examination And Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001 Equipment Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Excludes flagman for traffic control where necessary.

01 71 13 00-0002 EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck 201.32
Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.

01 71 13 00-0003 EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed 402.63
Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.

01 71 13 00-0004 Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*

Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.

01 71 13 00-0005 EA Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane 260.40
Note: Includes delivery and pickup.
For >30 To 60 Miles Radius, Add *65.10*
For >60 To 100 Miles Radius, Add *104.16*

01 71 13 00-0006 EA 20 To 30 Ton Lift Move On/Off Cost, Hydraulic Crane 374.98
Note: Includes delivery and pickup.
For >30 To 60 Miles Radius, Add *93.75*
For >60 To 100 Miles Radius, Add *149.99*

01 71 13 00-0007 EA 40 To 50 Ton Lift Move On/Off Cost, Hydraulic Crane 499.97
Note: Includes delivery and pickup.
For >30 To 60 Miles Radius, Add *124.99*
For >60 To 100 Miles Radius, Add *199.99*

01 71 13 00-0008 EA 70 To 100 Ton Lift Move On/Off Cost, Hydraulic Crane 812.45
Note: Includes delivery and pickup.
For >30 To 60 Miles Radius, Add *203.11*
For >60 To 100 Miles Radius, Add *324.98*

01 71 13 00-0009 EA 75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane 641.63
Note: Includes delivery and pickup.
For >30 To 60 Miles Radius, Add *160.41*
For >60 To 100 Miles Radius, Add *256.65*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0010	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	1,041.60	
		For >30 To 60 Miles Radius, Add	*260.40*	
		For >60 To 100 Miles Radius, Add	*416.64*	
01 71 13 00-0011	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	1,291.58	
		For >30 To 60 Miles Radius, Add	*322.90*	
		For >60 To 100 Miles Radius, Add	*516.63*	
01 71 13 00-0012	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	1,604.06	
		For >30 To 60 Miles Radius, Add	*401.02*	
		For >60 To 100 Miles Radius, Add	*641.62*	
01 71 13 00-0013	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	2,916.48	
		For >30 To 60 Miles Radius, Add	*729.12*	
		For >60 To 100 Miles Radius, Add	*1,166.59*	
01 71 13 00-0014	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	4,166.40	
		For >30 To 60 Miles Radius, Add	*1,041.60*	
		For >60 To 100 Miles Radius, Add	*1,666.56*	
01 71 13 00-0015	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	6,249.60	
		For >30 To 60 Miles Radius, Add	*1,562.40*	
		For >60 To 100 Miles Radius, Add	*2,499.84*	

01 71 23 Field Engineering *(01 71)*

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

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

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

01 71 23 16-0002	ACR	Survey Clear Area With Few To No Obstacles	842.91
01 71 23 16-0003	ACR	Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	2,439.28
01 71 23 16-0004	ACR	Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	3,495.90
01 71 23 16-0005	ACR	Survey Developed Areas With Several Structures (25-65% Buildings)	5,312.36
01 71 23 16-0006	ACR	Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	6,671.86

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

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

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.04
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	2.36
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	2.76

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

01 71 23 16-0012	EA	3' Precast Survey Monument	126.90
		For Owner Furnished Monument, Deduct	*-57.55*
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	176.42
01 71 23 16-0014	EA	Riser Ring For Survey Monument	88.23
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	57.55

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

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	5.60

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

01 71 36 00-0001 X-Ray And Electromagnetic Survey *(01 71 36)*

Note: To locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Includes printed reports.

01 71 36 00-0002 X-Ray Or Electromagnetic Survey Minimum Set-Up Charge *(01 71 36 00-0001)*

01 71 36 00-0003	EA	X-Ray Or Electromagnetic Survey Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	740.23

01 71 36 00-0004 X-Ray Survey *(01 71 36 00-0001)*

01 71 36 00-0005	EA	X-Ray Survey Up To 2 SF Of Concrete, Masonry Or Asphalt	141.88
		For >8 To 25, Deduct	*-31.25*

01 71 36 00-0006 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

01 71 36 00-0007	EA	Electromagnetic (SIR/GPR) Survey Up To 4 SF Of Concrete, Masonry Or Asphalt	283.75
01 71 36 00-0008	EA	Electromagnetic (SIR/GPR) Survey >4 To 500 SF Of Concrete, Masonry Or Asphalt	567.50
01 71 36 00-0009	SF	Electromagnetic (SIR/GPR) Survey >500 SF Of Concrete, Masonry Or Asphalt	1.14

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

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

and final cleanup is included in the contractor's adjustment factor.

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

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	17.02
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	19.94
01 74 13 00-0004	CSF	Wet Mop, Disinfect And HEPA Vacuum Floors (Three Step Process) Note: For use in contained areas for Class III or IV infection control.	15.95

01 74 16 Site Maintenance *(01 74)*

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

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

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

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	15.99
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	19.20

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

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

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

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

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

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	26.41
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	39.26

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

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	10.43
		For Steel Liner, Add	*1.96*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	11.95
		For Steel Liner, Add	*2.25*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	13.46
		For Steel Liner, Add	*2.54*

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

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	19.58

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

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

01 74 19 00-0012	EA	10 CY Dumpster (1.5 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	443.22
		For Each Ton Over Indicated Amount, Add	*145.00*
01 74 19 00-0013	EA	15 CY Dumpster (2 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	640.00
		For Each Ton Over Indicated Amount, Add	*145.00*
01 74 19 00-0014	EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	661.20
		For Each Ton Over Indicated Amount, Add	*145.00*
01 74 19 00-0015	EA	30 CY Dumpster (4 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	636.99
		For Each Ton Over Indicated Amount, Add	*145.00*
01 74 19 00-0016	EA	40 CY Dumpster (5 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	879.20
		For Each Ton Over Indicated Amount, Add	*145.00*
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	879.20
01 74 19 00-0018	EA	15 CY Low-Boy Dumpster Clean Recyclable Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	1,009.82
01 74 19 00-0019	EA	15 CY Low-Boy Dumpster Mixed Recyclable Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	1,085.18

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

01 74 19 00-0021	MO	Rampless Concrete Washout Bin Note: Includes delivery.	569.02
01 74 19 00-0022	MO	Ramped Concrete Washout Bin Note: Includes delivery.	682.82
01 74 19 00-0023	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	318.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0024	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	690.10	

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

01 74 19 00-0026 Recycler Fees *(01 74 19 00-0025)*

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

01 74 19 00-0027	CY	Drop-Off Asphalt At Recycling Center	18.76	
01 74 19 00-0028	CY	Drop-Off Concrete At Recycling Center	9.38	

01 74 19 00-0029 Landfill Dump Fees *(01 74 19 00-0025)*

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

01 74 19 00-0030	CY	Traditional Building Construction Materials Landfill Dump Fee	12.48	
01 74 19 00-0031	CY	Trees, Stumps And Brush, Landfill Dump Fee	15.03	
01 74 19 00-0032	CY	Rubbish Landfill Dump Fee	12.25	
01 74 19 00-0033	CY	Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee	35.83	
01 74 19 00-0034	CY	Excavated Dirt Landfill Dump Fee	12.02	
01 74 19 00-0035	CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	25.46	
01 74 19 00-0036	TON	Traditional Building Construction Materials, Landfill Dump Fee	54.40	

01 74 19 00-0037 Hauling *(01 74 19)*

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

01 74 19 00-0038	CYM	Hauling On Paved Roads, First 15 Miles	0.70	
01 74 19 00-0039	CYM	Hauling On Paved Roads, Miles Over Initial 15 Miles	0.47	
01 74 19 00-0040	CYM	Hauling On Unimproved Roads, First 15 Miles	1.06	
01 74 19 00-0041	CYM	Hauling On Unimproved Roads, Miles Over Initial 15 Miles	0.83	

01 74 23 Final Cleaning *(01 74)*

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

01 74 23 00-0002	CSF	Clean Existing Glass Surfaces	22.33	

01 90 Life Cycle Activities *(01)*

01 91 Commissioning *(01 90)*

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

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

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

01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	145.66	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	181.72	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	204.43	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	179.80	

END OF SECTION 01

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

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

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

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

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

02 32 13 Subsurface Drilling And Sampling *(02 32)*

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

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

02 32 13 00-0002 EA Mobilization Of Drilling Crew 879.62

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

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals 21.71

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

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples 43.19
02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 60.48

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

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing 64.11
Note: Includes sampling.
02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 5.64

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

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing 82.59
Note: Includes sampling.
02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 6.49

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

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

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

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation 50.50
02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 58.92
02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 78.57

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

02 32 13 00-0020 EA Shelby Tube Sampling 27.82
02 32 13 00-0021 EA Penetration Test 22.67

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

02 32 13 00-0023 VLF Boreholes 5.27

02 40 Demolition And Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

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

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

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

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

02 41 13 13-0002 SY Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving 5.19

For >500 To 1,000, Deduct *-0.52*
For >1,000 To 2,500, Deduct *-0.93*
For >2,500 To 5,000, Deduct *-1.35*
For >5,000 To 10,000, Deduct *-1.76*
For >10,000, Deduct *-2.18*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	7.78	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000 To 2,500, Deduct	*-1.40*	
		For >2,500 To 5,000, Deduct	*-2.02*	
		For >5,000 To 10,000, Deduct	*-2.65*	
		For >10,000, Deduct	*-3.27*	
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	10.38	
		For >500 To 1,000, Deduct	*-1.04*	
		For >1,000 To 2,500, Deduct	*-1.87*	
		For >2,500 To 5,000, Deduct	*-2.70*	
		For >5,000 To 10,000, Deduct	*-3.53*	
		For >10,000, Deduct	*-4.36*	
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	9.22	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000 To 2,500, Deduct	*-1.66*	
		For >2,500 To 5,000, Deduct	*-2.40*	
		For >5,000 To 10,000, Deduct	*-3.13*	
		For >10,000, Deduct	*-3.87*	
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	13.02	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,500, Deduct	*-2.34*	
		For >2,500 To 5,000, Deduct	*-3.39*	
		For >5,000 To 10,000, Deduct	*-4.43*	
		For >10,000, Deduct	*-5.47*	
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	18.45	
		For >500 To 1,000, Deduct	*-1.85*	
		For >1,000 To 2,500, Deduct	*-3.32*	
		For >2,500 To 5,000, Deduct	*-4.80*	
		For >5,000 To 10,000, Deduct	*-6.27*	
		For >10,000, Deduct	*-7.75*	
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	26.04	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000 To 2,500, Deduct	*-4.69*	
		For >2,500 To 5,000, Deduct	*-6.77*	
		For >5,000 To 10,000, Deduct	*-8.85*	
		For >10,000, Deduct	*-10.94*	
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	34.06	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000 To 2,500, Deduct	*-6.13*	
		For >2,500 To 5,000, Deduct	*-8.86*	
		For >5,000 To 10,000, Deduct	*-11.58*	
		For >10,000, Deduct	*-14.31*	
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	44.27	
		For >500 To 1,000, Deduct	*-4.43*	
		For >1,000 To 2,500, Deduct	*-7.97*	
		For >2,500 To 5,000, Deduct	*-11.51*	
		For >5,000 To 10,000, Deduct	*-15.05*	
		For >10,000, Deduct	*-18.59*	

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

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

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.32
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.68
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.23
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.66
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.11
02 41 13 13-0017	SF	Break-Up >6" To 8" Concrete Paving By Hand With Material Left In Place After Break-up	2.78

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

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

02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	10.30	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*3.09*	
		For Elevated Slab, Add	*5.15*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,500, Deduct	*-1.85*	
		For >2,500 To 5,000, Deduct	*-2.68*	
		For >5,000 To 10,000, Deduct	*-3.50*	
		For >10,000, Deduct	*-4.33*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	14.06	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.22*	
		For Elevated Slab, Add	*7.03*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000 To 2,500, Deduct	*-2.53*	
		For >2,500 To 5,000, Deduct	*-3.66*	
		For >5,000 To 10,000, Deduct	*-4.78*	
		For >10,000, Deduct	*-5.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0021	SY	Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving		11.85
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*3.56*	
		For Elevated Slab, Add	*5.93*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000 To 2,500, Deduct	*-2.13*	
		For >2,500 To 5,000, Deduct	*-3.08*	
		For >5,000 To 10,000, Deduct	*-4.03*	
		For >10,000, Deduct	*-4.98*	
02 41 13 13-0022	SY	>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving		15.49
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.65*	
		For Elevated Slab, Add	*7.75*	
		For >500 To 1,000, Deduct	*-1.55*	
		For >1,000 To 2,500, Deduct	*-2.79*	
		For >2,500 To 5,000, Deduct	*-4.03*	
		For >5,000 To 10,000, Deduct	*-5.27*	
		For >10,000, Deduct	*-6.51*	
02 41 13 13-0023	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving		15.72
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.72*	
		For Elevated Slab, Add	*7.86*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000 To 2,500, Deduct	*-2.83*	
		For >2,500 To 5,000, Deduct	*-4.09*	
		For >5,000 To 10,000, Deduct	*-5.34*	
		For >10,000, Deduct	*-6.60*	
02 41 13 13-0024	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving		20.36
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.11*	
		For Elevated Slab, Add	*10.18*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000 To 2,500, Deduct	*-3.66*	
		For >2,500 To 5,000, Deduct	*-5.29*	
		For >5,000 To 10,000, Deduct	*-6.92*	
		For >10,000, Deduct	*-8.55*	
02 41 13 13-0025	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving		33.75
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*10.13*	
		For Elevated Slab, Add	*16.88*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000 To 2,500, Deduct	*-6.08*	
		For >2,500 To 5,000, Deduct	*-8.78*	
		For >5,000 To 10,000, Deduct	*-11.48*	
		For >10,000, Deduct	*-14.18*	
02 41 13 13-0026	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		17.05
		For Elevated Slab, Add	*8.53*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000 To 2,500, Deduct	*-3.07*	
		For >2,500 To 5,000, Deduct	*-4.43*	
		For >5,000 To 10,000, Deduct	*-5.80*	
		For >10,000, Deduct	*-7.16*	
02 41 13 13-0027	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		21.92
		For Elevated Slab, Add	*10.96*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000 To 2,500, Deduct	*-3.95*	
		For >2,500 To 5,000, Deduct	*-5.70*	
		For >5,000 To 10,000, Deduct	*-7.45*	
		For >10,000, Deduct	*-9.21*	
02 41 13 13-0028	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		39.17
		For Elevated Slab, Add	*19.59*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000 To 2,500, Deduct	*-7.05*	
		For >2,500 To 5,000, Deduct	*-10.18*	
		For >5,000 To 10,000, Deduct	*-13.32*	
		For >10,000, Deduct	*-16.45*	
02 41 13 13-0029	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		51.13
		For Elevated Slab, Add	*25.57*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000 To 2,500, Deduct	*-9.20*	
		For >2,500 To 5,000, Deduct	*-13.29*	
		For >5,000 To 10,000, Deduct	*-17.38*	
		For >10,000, Deduct	*-21.47*	
02 41 13 13-0030	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		66.84
		For Elevated Slab, Add	*33.42*	
		For >500 To 1,000, Deduct	*-6.68*	
		For >1,000 To 2,500, Deduct	*-12.03*	
		For >2,500 To 5,000, Deduct	*-17.38*	
		For >5,000 To 10,000, Deduct	*-22.73*	
		For >10,000, Deduct	*-28.07*	
02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving		81.12
		For Elevated Slab, Add	*40.56*	
		For >500 To 1,000, Deduct	*-8.11*	
		For >1,000 To 2,500, Deduct	*-14.60*	
		For >2,500 To 5,000, Deduct	*-21.09*	
		For >5,000 To 10,000, Deduct	*-27.58*	
		For >10,000, Deduct	*-34.07*	

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

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

02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving		2.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving		3.89
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving		5.06
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving		3.70
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving		5.11
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving		6.54

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

02 41 13 13-0040	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.		179.91
		For >1/2" To 1" Depth Of Grinding, Add		*26.99*
		For >1" To 1-1/2" Depth Of Grinding, Add		*44.98*
		For Up To 5, Add		*35.98*
		For >5 To 10, Add		*17.99*
		For >25 To 50, Deduct		*-17.99*
		For >50 To 250, Deduct		*-26.99*
		For >250, Deduct		*-35.98*
		For Sidewalks >5', Add		*17.99*
		For Up To 12" Additional Feathering Per Side, Add		*17.99*

02 41 16 Structure Demolition *(02 41)*

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

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

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

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		5.88
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		8.91
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		7.29
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		6.47

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

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

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

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition		53.96
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-4.05*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-8.09*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-12.14*
		For Up To 500, Add		*16.19*
		For >500 To 1,000, Add		*10.79*
		For >1,000 To 2,000, Add		*5.40*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*17.81*
		For No Interior Partitions, Deduct		*-13.49*
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition		33.04
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-2.48*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-4.96*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-7.43*
		For Up To 500, Add		*9.91*
		For >500 To 1,000, Add		*6.61*
		For >1,000 To 2,000, Add		*3.30*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*4.96*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*8.26*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*11.56*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*10.90*
		For No Interior Partitions, Deduct		*-8.26*

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

02 41 16 13-0011	CCF	By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition		67.70
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-5.08*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-10.16*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-15.23*
		For Up To 500, Add		*20.31*
		For >500 To 1,000, Add		*13.54*
		For >1,000 To 2,000, Add		*6.77*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*22.34*
		For No Interior Partitions, Deduct		*-16.93*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0012	CCF	By Machine, Reinforced Concrete Building Demolition		43.63
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.27*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-6.54*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-9.82*
		For Up To 500, Add		*13.09*
		For >500 To 1,000, Add		*8.73*
		For >1,000 To 2,000, Add		*4.36*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*6.54*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*10.91*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*15.27*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*14.40*
		For No Interior Partitions, Deduct		*-10.91*

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

02 41 16 13-0014	CCF	By Pneumatic Tools/Hand, Masonry Construction Building Demolition		47.58
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.57*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-7.14*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-10.71*
		For Up To 500, Add		*14.27*
		For >500 To 1,000, Add		*9.52*
		For >1,000 To 2,000, Add		*4.76*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*15.70*
		For No Interior Partitions, Deduct		*-11.90*
02 41 16 13-0015	CCF	By Machine, Masonry Construction Building Demolition		29.65
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-2.22*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-4.45*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-6.67*
		For Up To 500, Add		*8.90*
		For >500 To 1,000, Add		*5.93*
		For >1,000 To 2,000, Add		*2.97*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*4.45*
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		*7.41*
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		*10.38*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*9.78*
		For No Interior Partitions, Deduct		*-7.41*

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

02 41 16 13-0017	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition		41.35
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-3.10*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-6.20*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-9.30*
		For Up To 500, Add		*12.41*
		For >500 To 1,000, Add		*8.27*
		For >1,000 To 2,000, Add		*4.14*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*13.65*
		For No Interior Partitions, Deduct		*-10.34*
02 41 16 13-0018	CCF	By Machine, Wood Frame Construction Building Demolition		25.38
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct		*-1.90*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct		*-3.81*
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct		*-5.71*
		For Up To 500, Add		*7.61*
		For >500 To 1,000, Add		*5.08*
		For >1,000 To 2,000, Add		*2.54*
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		*3.81*
		For Volume Of Area Within 15' To An Adjacent Building, Add		*8.38*
		For No Interior Partitions, Deduct		*-6.35*

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

Note: Per building volume.

02 41 16 13-0020	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off		7.47
		For Up To 500, Add		*2.24*
		For >500 To 1,000, Add		*1.49*
		For >1,000 To 2,000, Add		*0.75*

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

Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.

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

02 41 16 13-0023	CF	Non Reinforced Concrete Foundation Demolition		11.26
02 41 16 13-0024	SF	4" Thick Non Reinforced Concrete Foundation Wall Demolition		4.82
02 41 16 13-0025	SF	6" Thick Non Reinforced Concrete Foundation Wall Demolition		6.43
02 41 16 13-0026	SF	8" Thick Non Reinforced Concrete Foundation Wall Demolition		8.04
02 41 16 13-0027	SF	10" Thick Non Reinforced Concrete Foundation Wall Demolition		9.65
02 41 16 13-0028	SF	12" Thick Non Reinforced Concrete Foundation Wall Demolition		11.26
02 41 16 13-0029	SF	16" Thick Non Reinforced Concrete Foundation Wall Demolition		12.87
02 41 16 13-0030	CF	Reinforced Concrete Foundation Demolition		13.51
02 41 16 13-0031	SF	4" Thick Reinforced Concrete Foundation Wall Demolition		5.79
02 41 16 13-0032	SF	6" Thick Reinforced Concrete Foundation Wall Demolition		7.72
02 41 16 13-0033	SF	8" Thick Reinforced Concrete Foundation Wall Demolition		9.65
02 41 16 13-0034	SF	10" Thick Reinforced Concrete Foundation Wall Demolition		11.42
02 41 16 13-0035	SF	12" Thick Reinforced Concrete Foundation Wall Demolition		13.51
02 41 16 13-0036	SF	16" Thick Reinforced Concrete Foundation Wall Demolition		15.44

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0038	SF	4" Thick Non Reinforced Concrete Block Foundation Wall Demolition		3.54
02 41 16 13-0039	SF	6" Thick Non Reinforced Concrete Block Foundation Wall Demolition		3.78
02 41 16 13-0040	SF	8" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.26
02 41 16 13-0041	SF	10" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.91
02 41 16 13-0042	SF	12" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.47
02 41 16 13-0043	SF	16" Thick Non Reinforced Concrete Block Foundation Wall Demolition		6.83
02 41 16 13-0044	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		4.25
02 41 16 13-0045	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		4.54
02 41 16 13-0046	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		5.12
02 41 16 13-0047	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		5.89
02 41 16 13-0048	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		6.56
02 41 16 13-0049	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		8.20

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

02 41 16 13-0051	SF	4" Thick Brick Foundation Wall Demolition		3.54
02 41 16 13-0052	SF	6" Thick Brick Foundation Wall Demolition		3.78
02 41 16 13-0053	SF	8" Thick Brick Foundation Wall Demolition		4.26
02 41 16 13-0054	SF	10" Thick Brick Foundation Wall Demolition		4.91
02 41 16 13-0055	SF	12" Thick Brick Foundation Wall Demolition		5.47
02 41 16 13-0056	SF	16" Thick Brick Foundation Wall Demolition		6.83

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

02 41 16 13-0058	CF	Stone Footing Or Foundation Wall Demolition		11.26

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

02 41 16 13-0060	CF	Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition Note: Includes excavation.		11.62

02 41 19 Selective Demolition *(02 41)*

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

02 41 19 13-0001 Saw Cutting *(02 41 19 13)*

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

02 41 19 13-0002	LF	Saw Cut Bituminous Paving Up To 4" Depth		1.87
		For Each Additional Pass (Depth To 3"), Add	*0.70*	
		For >250, Deduct	*-0.17*	
02 41 19 13-0003	LF	Saw Cut Brick Masonry Up To 4" Depth		6.49
		For Each Additional Pass (Depth To 3"), Add	*2.53*	
		For >250, Deduct	*-0.63*	
02 41 19 13-0004	LF	Saw Cut Concrete Block Up To 4" Depth		5.90
		For Each Additional Pass (Depth To 3"), Add	*2.29*	
		For >250, Deduct	*-0.57*	
02 41 19 13-0005	LF	Saw Cut Non Reinforced Concrete Slab Or Paving Up To 4" Depth		2.19
		For Each Additional Pass (Depth To 3"), Add	*0.80*	
		For >250, Deduct	*-0.20*	
02 41 19 13-0006	LF	Saw Cut Welded Wire Reinforced Concrete Slab Up To 4" Depth		2.85
		For Each Additional Pass (Depth To 3"), Add	*1.05*	
		For >250, Deduct	*-0.26*	
02 41 19 13-0007	LF	Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth		4.53
		For Each Additional Pass (Depth To 3"), Add	*1.72*	
		For >250, Deduct	*-0.42*	
02 41 19 13-0008	LF	Saw Cut Plain Concrete Walls Up To 4" Depth		8.28
		For Each Additional Pass (Depth To 3"), Add	*3.24*	
		For >250, Deduct	*-0.80*	
02 41 19 13-0009	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth		11.11
		For Each Additional Pass (Depth To 3"), Add	*4.35*	
		For >250, Deduct	*-1.08*	
02 41 19 13-0010	LF	Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth		2.03
		For Each Additional Pass (Depth To 3"), Add	*0.75*	
		For >250, Deduct	*-0.18*	
02 41 19 13-0011	LF	Saw Cut Igneous Stone Pavements Up To 4" Depth		5.94
		For Each Additional Pass (Depth To 3"), Add	*2.30*	
		For >250, Deduct	*-0.57*	
02 41 19 13-0012	LF	Saw Cut Sedimentary Stone Pavements Up To 4" Depth		5.94
		For Each Additional Pass (Depth To 3"), Add	*2.30*	
		For >250, Deduct	*-0.57*	
02 41 19 13-0013	LF	Saw Cut Metamorphic Stone Pavements Up To 4" Depth		5.94
		For Each Additional Pass (Depth To 3"), Add	*2.30*	
		For >250, Deduct	*-0.57*	
02 41 19 13-0014	LF	Saw Cut Terrazzo Stone Pavements Up To 4" Depth		5.94
		For Each Additional Pass (Depth To 3"), Add	*2.30*	
		For >250, Deduct	*-0.57*	
02 41 19 13-0015	EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		716.42

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

Note: Includes grinding edge

02 41 19 13-0017	LF	Up To 1/2", Torch Cut Steel Plate		2.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0018	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	4.55	
02 41 19 13-0019	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	6.81	
02 41 19 13-0020	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	9.09	
02 41 19 13-0021	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	11.37	
02 41 19 13-0022	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	13.65	
02 41 19 13-0023	EA	Torch Cutting Minimum Charge Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	685.32	

02 41 19 13-0024 Drilling *(02 41 19 13)*

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

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

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

02 41 19 13-0027	EA	Drill 1" Diameter Core In Up To 4" Concrete	33.99	
		For Horizontal Cores, Add	*6.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.08*	
02 41 19 13-0028	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	37.33	
		For Horizontal Cores, Add	*6.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.42*	
02 41 19 13-0029	EA	Drill 2" Diameter Core In Up To 4" Concrete	41.07	
		For Horizontal Cores, Add	*7.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.91*	
02 41 19 13-0030	EA	Drill 3" Diameter Core In Up To 4" Concrete	58.33	
		For Horizontal Cores, Add	*10.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.30*	
02 41 19 13-0031	EA	Drill 4" Diameter Core In Up To 4" Concrete	78.21	
		For Horizontal Cores, Add	*14.27*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.54*	
02 41 19 13-0032	EA	Drill 6" Diameter Core In Up To 4" Concrete	88.51	
		For Horizontal Cores, Add	*15.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.95*	
02 41 19 13-0033	EA	Drill 8" Diameter Core In Up To 4" Concrete	139.64	
		For Horizontal Cores, Add	*25.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.13*	
02 41 19 13-0034	EA	Drill 10" Diameter Core In Up To 4" Concrete	175.90	
		For Horizontal Cores, Add	*31.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.90*	
02 41 19 13-0035	EA	Drill 12" Diameter Core In Up To 4" Concrete	205.73	
		For Horizontal Cores, Add	*37.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*74.56*	
02 41 19 13-0036	EA	Drill 14" Diameter Core In Up To 4" Concrete	236.02	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	
02 41 19 13-0037	EA	Drill 18" Diameter Core In Up To 4" Concrete	269.18	
		For Horizontal Cores, Add	*47.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.85*	

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

02 41 19 13-0039	EA	Drill 1" Diameter Core In >4" To 6" Concrete	48.93	
		For Horizontal Cores, Add	*8.63*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.25*	
02 41 19 13-0040	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	53.72	
		For Horizontal Cores, Add	*9.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.17*	
02 41 19 13-0041	EA	Drill 2" Diameter Core In >4" To 6" Concrete	59.04	
		For Horizontal Cores, Add	*10.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.30*	
02 41 19 13-0042	EA	Drill 3" Diameter Core In >4" To 6" Concrete	71.87	
		For Horizontal Cores, Add	*12.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.56*	
02 41 19 13-0043	EA	Drill 4" Diameter Core In >4" To 6" Concrete	90.41	
		For Horizontal Cores, Add	*15.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.95*	
02 41 19 13-0044	EA	Drill 6" Diameter Core In >4" To 6" Concrete	119.61	
		For Horizontal Cores, Add	*21.30*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.60*	
02 41 19 13-0045	EA	Drill 8" Diameter Core In >4" To 6" Concrete	177.65	
		For Horizontal Cores, Add	*31.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.90*	
02 41 19 13-0046	EA	Drill 10" Diameter Core In >4" To 6" Concrete	210.53	
		For Horizontal Cores, Add	*37.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*74.56*	
02 41 19 13-0047	EA	Drill 12" Diameter Core In >4" To 6" Concrete	241.93	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	
02 41 19 13-0048	EA	Drill 14" Diameter Core In >4" To 6" Concrete	274.77	
		For Horizontal Cores, Add	*47.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.85*	
02 41 19 13-0049	EA	Drill 18" Diameter Core In >4" To 6" Concrete	311.79	
		For Horizontal Cores, Add	*53.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*106.50*	

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0051	EA	Drill 1" Diameter Core In >6" To 8" Concrete	55.33	
		For Horizontal Cores, Add	*9.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.98*	
02 41 19 13-0052	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	60.60	
		For Horizontal Cores, Add	*10.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.09*	
02 41 19 13-0053	EA	Drill 2" Diameter Core In >6" To 8" Concrete	66.46	
		For Horizontal Cores, Add	*11.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.43*	
02 41 19 13-0054	EA	Drill 3" Diameter Core In >6" To 8" Concrete	80.06	
		For Horizontal Cores, Add	*13.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.69*	
02 41 19 13-0055	EA	Drill 4" Diameter Core In >6" To 8" Concrete	104.72	
		For Horizontal Cores, Add	*18.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.21*	
02 41 19 13-0056	EA	Drill 6" Diameter Core In >6" To 8" Concrete	145.39	
		For Horizontal Cores, Add	*25.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.13*	
02 41 19 13-0057	EA	Drill 8" Diameter Core In >6" To 8" Concrete	236.98	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	
02 41 19 13-0058	EA	Drill 10" Diameter Core In >6" To 8" Concrete	271.73	
		For Horizontal Cores, Add	*47.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.85*	
02 41 19 13-0059	EA	Drill 12" Diameter Core In >6" To 8" Concrete	304.76	
		For Horizontal Cores, Add	*53.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*106.50*	
02 41 19 13-0060	EA	Drill 14" Diameter Core In >6" To 8" Concrete	340.13	
		For Horizontal Cores, Add	*58.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.14*	
02 41 19 13-0061	EA	Drill 18" Diameter Core In >6" To 8" Concrete	381.04	
		For Horizontal Cores, Add	*63.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.81*	

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

02 41 19 13-0063	EA	Drill 1" Diameter Core In >8" To 10" Concrete	66.03	
		For Horizontal Cores, Add	*11.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.43*	
02 41 19 13-0064	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	72.26	
		For Horizontal Cores, Add	*12.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.92*	
02 41 19 13-0065	EA	Drill 2" Diameter Core In >8" To 10" Concrete	79.18	
		For Horizontal Cores, Add	*13.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.69*	
02 41 19 13-0066	EA	Drill 3" Diameter Core In >8" To 10" Concrete	93.59	
		For Horizontal Cores, Add	*15.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.95*	
02 41 19 13-0067	EA	Drill 4" Diameter Core In >8" To 10" Concrete	108.40	
		For Horizontal Cores, Add	*18.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.21*	
02 41 19 13-0068	EA	Drill 6" Diameter Core In >8" To 10" Concrete	149.87	
		For Horizontal Cores, Add	*25.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.13*	
02 41 19 13-0069	EA	Drill 8" Diameter Core In >8" To 10" Concrete	243.05	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	
02 41 19 13-0070	EA	Drill 10" Diameter Core In >8" To 10" Concrete	279.72	
		For Horizontal Cores, Add	*47.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.85*	
02 41 19 13-0071	EA	Drill 12" Diameter Core In >8" To 10" Concrete	314.30	
		For Horizontal Cores, Add	*53.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*106.48*	
02 41 19 13-0072	EA	Drill 14" Diameter Core In >8" To 10" Concrete	352.27	
		For Horizontal Cores, Add	*58.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*117.14*	
02 41 19 13-0073	EA	Drill 18" Diameter Core In >8" To 10" Concrete	396.94	
		For Horizontal Cores, Add	*63.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.78*	

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

02 41 19 13-0075	EA	Drill 1" Diameter Core In >10" To 12" Concrete	72.42	
		For Horizontal Cores, Add	*12.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.16*	
02 41 19 13-0076	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	79.13	
		For Horizontal Cores, Add	*13.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.84*	
02 41 19 13-0077	EA	Drill 2" Diameter Core In >10" To 12" Concrete	86.59	
		For Horizontal Cores, Add	*14.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.82*	
02 41 19 13-0078	EA	Drill 3" Diameter Core In >10" To 12" Concrete	96.46	
		For Horizontal Cores, Add	*15.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.95*	
02 41 19 13-0079	EA	Drill 4" Diameter Core In >10" To 12" Concrete	128.06	
		For Horizontal Cores, Add	*21.30*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0080	EA	Drill 6" Diameter Core In >10" To 12" Concrete	164.99	
		For Horizontal Cores, Add	*27.69*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.39*	
02 41 19 13-0081	EA	Drill 8" Diameter Core In >10" To 12" Concrete	259.77	
		For Horizontal Cores, Add	*44.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.46*	
02 41 19 13-0082	EA	Drill 10" Diameter Core In >10" To 12" Concrete	287.71	
		For Horizontal Cores, Add	*47.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.85*	
02 41 19 13-0083	EA	Drill 12" Diameter Core In >10" To 12" Concrete	334.62	
		For Horizontal Cores, Add	*55.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*110.78*	
02 41 19 13-0084		>12" Thick Concrete Core Drilling *(02 41 19 13-0025)*		
02 41 19 13-0085	IN	Drill 1" Diameter Core In >12" Concrete	8.39	
		For Horizontal Cores, Add	*1.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.96*	
02 41 19 13-0086	IN	Drill 1-1/2" Diameter Core In >12" Concrete	9.20	
		For Horizontal Cores, Add	*1.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.28*	
02 41 19 13-0087	IN	Drill 2" Diameter Core In >12" Concrete	10.11	
		For Horizontal Cores, Add	*1.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.64*	
02 41 19 13-0088	IN	Drill 3" Diameter Core In >12" Concrete	11.36	
		For Horizontal Cores, Add	*2.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.99*	
02 41 19 13-0089	IN	Drill 4" Diameter Core In >12" Concrete	15.11	
		For Horizontal Cores, Add	*2.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.32*	
02 41 19 13-0090	IN	Drill 6" Diameter Core In >12" Concrete	19.52	
		For Horizontal Cores, Add	*3.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.92*	
02 41 19 13-0091	IN	Drill 8" Diameter Core In >12" Concrete	30.99	
		For Horizontal Cores, Add	*5.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.19*	
02 41 19 13-0092	IN	Drill 10" Diameter Core In >12" Concrete	34.09	
		For Horizontal Cores, Add	*6.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.03*	
02 41 19 13-0093	IN	Drill 12" Diameter Core In >12" Concrete	39.45	
		For Horizontal Cores, Add	*6.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.86*	
02 41 19 13-0094		Brick/Concrete Block Core Drilling *(02 41 19 13-0024)*		
02 41 19 13-0095		Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*		
02 41 19 13-0096	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	27.95	
		For Horizontal Cores, Add	*4.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.66*	
02 41 19 13-0097	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	30.62	
		For Horizontal Cores, Add	*5.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.73*	
02 41 19 13-0098	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	33.61	
		For Horizontal Cores, Add	*5.96*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.93*	
02 41 19 13-0099	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	47.68	
		For Horizontal Cores, Add	*8.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.04*	
02 41 19 13-0100	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	63.94	
		For Horizontal Cores, Add	*11.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.84*	
02 41 19 13-0101	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	72.54	
		For Horizontal Cores, Add	*12.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.56*	
02 41 19 13-0102	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	114.07	
		For Horizontal Cores, Add	*20.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.90*	
02 41 19 13-0103	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	143.95	
		For Horizontal Cores, Add	*25.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.12*	
02 41 19 13-0104	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	168.45	
		For Horizontal Cores, Add	*29.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*59.65*	
02 41 19 13-0105	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	193.41	
		For Horizontal Cores, Add	*34.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.16*	
02 41 19 13-0106	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	221.25	
		For Horizontal Cores, Add	*38.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.68*	
02 41 19 13-0107		>4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*		
02 41 19 13-0108	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	40.31	
		For Horizontal Cores, Add	*6.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.80*	
02 41 19 13-0109	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	44.13	
		For Horizontal Cores, Add	*7.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0110	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	48.39	
		For Horizontal Cores, Add	*8.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.04*	
02 41 19 13-0111	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	59.09	
		For Horizontal Cores, Add	*10.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.45*	
02 41 19 13-0112	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	74.44	
		For Horizontal Cores, Add	*12.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.56*	
02 41 19 13-0113	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	98.30	
		For Horizontal Cores, Add	*17.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.08*	
02 41 19 13-0114	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	145.70	
		For Horizontal Cores, Add	*25.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*51.12*	
02 41 19 13-0115	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	173.25	
		For Horizontal Cores, Add	*29.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*59.65*	
02 41 19 13-0116	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	199.32	
		For Horizontal Cores, Add	*34.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.16*	
02 41 19 13-0117	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	226.84	
		For Horizontal Cores, Add	*38.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.68*	
02 41 19 13-0118	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	258.54	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	

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

02 41 19 13-0120	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	45.84	
		For Horizontal Cores, Add	*7.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.18*	
02 41 19 13-0121	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	50.06	
		For Horizontal Cores, Add	*8.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.87*	
02 41 19 13-0122	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	54.75	
		For Horizontal Cores, Add	*9.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.75*	
02 41 19 13-0123	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	66.21	
		For Horizontal Cores, Add	*11.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.15*	
02 41 19 13-0124	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	86.62	
		For Horizontal Cores, Add	*14.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.97*	
02 41 19 13-0125	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	119.82	
		For Horizontal Cores, Add	*20.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.90*	
02 41 19 13-0126	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	194.37	
		For Horizontal Cores, Add	*34.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.16*	
02 41 19 13-0127	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	223.80	
		For Horizontal Cores, Add	*38.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.68*	
02 41 19 13-0128	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	251.51	
		For Horizontal Cores, Add	*42.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.20*	
02 41 19 13-0129	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	281.56	
		For Horizontal Cores, Add	*46.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*93.71*	
02 41 19 13-0130	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	317.13	
		For Horizontal Cores, Add	*51.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*102.25*	

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

02 41 19 13-0132	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	54.81	
		For Horizontal Cores, Add	*8.97*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.94*	
02 41 19 13-0133	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	59.80	
		For Horizontal Cores, Add	*9.97*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.94*	
02 41 19 13-0134	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	65.33	
		For Horizontal Cores, Add	*11.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.15*	
02 41 19 13-0135	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	77.62	
		For Horizontal Cores, Add	*12.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.56*	
02 41 19 13-0136	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	90.30	
		For Horizontal Cores, Add	*14.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.97*	
02 41 19 13-0137	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	124.30	
		For Horizontal Cores, Add	*20.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.90*	
02 41 19 13-0138	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	200.44	
		For Horizontal Cores, Add	*34.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*68.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0139	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	231.79	
		For Horizontal Cores, Add	*38.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.68*	
02 41 19 13-0140	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	261.06	
		For Horizontal Cores, Add	*42.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*85.19*	
02 41 19 13-0141	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	293.70	
		For Horizontal Cores, Add	*46.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*93.71*	
02 41 19 13-0142	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	333.05	
		For Horizontal Cores, Add	*51.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*102.22*	

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

02 41 19 13-0144	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	60.35	
		For Horizontal Cores, Add	*9.66*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.33*	
02 41 19 13-0145	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	65.71	
		For Horizontal Cores, Add	*10.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.47*	
02 41 19 13-0146	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	71.68	
		For Horizontal Cores, Add	*11.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.86*	
02 41 19 13-0147	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	80.49	
		For Horizontal Cores, Add	*12.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.56*	
02 41 19 13-0148	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	106.75	
		For Horizontal Cores, Add	*17.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.08*	
02 41 19 13-0149	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	137.30	
		For Horizontal Cores, Add	*22.16*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.31*	
02 41 19 13-0150	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	215.04	
		For Horizontal Cores, Add	*35.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*71.57*	
02 41 19 13-0151	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	239.78	
		For Horizontal Cores, Add	*38.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.68*	
02 41 19 13-0152	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	279.23	
		For Horizontal Cores, Add	*44.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*88.62*	

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

02 41 19 13-0154	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	6.91	
		For Horizontal Cores, Add	*1.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.36*	
02 41 19 13-0155	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	7.56	
		For Horizontal Cores, Add	*1.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.62*	
02 41 19 13-0156	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	8.29	
		For Horizontal Cores, Add	*1.46*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.92*	
02 41 19 13-0157	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	9.37	
		For Horizontal Cores, Add	*1.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.20*	
02 41 19 13-0158	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	12.44	
		For Horizontal Cores, Add	*2.13*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.26*	
02 41 19 13-0159	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	16.07	
		For Horizontal Cores, Add	*2.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.54*	
02 41 19 13-0160	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	25.39	
		For Horizontal Cores, Add	*4.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.95*	
02 41 19 13-0161	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	28.08	
		For Horizontal Cores, Add	*4.81*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.63*	
02 41 19 13-0162	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	32.52	
		For Horizontal Cores, Add	*5.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.08*	

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

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

02 41 19 13-0165	EA	Drill 1" Diameter Core In Up To 2" Asphalt	15.31
02 41 19 13-0166	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	19.19
02 41 19 13-0167	EA	Drill 2" Diameter Core In Up To 2" Asphalt	23.99
02 41 19 13-0168	EA	Drill 3" Diameter Core In Up To 2" Asphalt	29.85
02 41 19 13-0169	EA	Drill 4" Diameter Core In Up To 2" Asphalt	37.63
02 41 19 13-0170	EA	Drill 6" Diameter Core In Up To 2" Asphalt	47.31
02 41 19 13-0171	EA	Drill 8" Diameter Core In Up To 2" Asphalt	59.19
02 41 19 13-0172	EA	Drill 10" Diameter Core In Up To 2" Asphalt	73.42
02 41 19 13-0173	EA	Drill 12" Diameter Core In Up To 2" Asphalt	91.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0174		**>2" To 3" Thick Asphalt Core Drilling** *(02 41 19 13-0163)*		
02 41 19 13-0175	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	19.11	
02 41 19 13-0176	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	24.82	
02 41 19 13-0177	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	30.53	
02 41 19 13-0178	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	38.30	
02 41 19 13-0179	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	47.98	
02 41 19 13-0180	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	60.47	
02 41 19 13-0181	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	75.24	
02 41 19 13-0182	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	94.14	
02 41 19 13-0183	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	117.00	
02 41 19 13-0184		**>3" To 4" Thick Asphalt Core Drilling** *(02 41 19 13-0163)*		
02 41 19 13-0185	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	24.90	
02 41 19 13-0186	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	31.68	
02 41 19 13-0187	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	39.30	
02 41 19 13-0188	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	49.05	
02 41 19 13-0189	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	61.78	
02 41 19 13-0190	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	77.23	
02 41 19 13-0191	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	97.06	
02 41 19 13-0192	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	120.77	
02 41 19 13-0193	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	150.40	
02 41 19 13-0194		**>4" To 6" Thick Asphalt Core Drilling** *(02 41 19 13-0163)*		
02 41 19 13-0195	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	32.81	
02 41 19 13-0196	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	40.68	
02 41 19 13-0197	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	50.28	
02 41 19 13-0198	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	64.14	
02 41 19 13-0199	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	80.01	
02 41 19 13-0200	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	99.52	
02 41 19 13-0201	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	125.62	
02 41 19 13-0202	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	156.15	
02 41 19 13-0203	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	194.71	
02 41 19 13-0204		**Manhole Core Drilling** *(02 41 19 13-0024)*		
02 41 19 13-0205	EA	Drill 4" Diameter Core In 6" Brick Manhole	166.87	
02 41 19 13-0206	EA	Drill 5" Diameter Core In 6" Brick Manhole	190.58	
02 41 19 13-0207	EA	Drill 6" Diameter Core In 6" Brick Manhole	221.80	
02 41 19 13-0208	EA	Drill 8" Diameter Core In 6" Brick Manhole	331.51	
02 41 19 13-0209	EA	Drill 2" Diameter Core In 8" Concrete Manhole	222.08	
02 41 19 13-0210	EA	Drill 3" Diameter Core In 8" Concrete Manhole	238.71	
02 41 19 13-0211	EA	Drill 4" Diameter Core In 8" Concrete Manhole	264.86	
02 41 19 13-0212	EA	Drill 5" Diameter Core In 8" Concrete Manhole	284.79	
02 41 19 13-0213	EA	Drill 6" Diameter Core In 8" Concrete Manhole	336.60	
02 41 19 13-0214	EA	Drill 8" Diameter Core In 8" Concrete Manhole	479.72	
02 41 19 13-0215	EA	Drill 2" Diameter Core In Fiberglass Manhole	21.50	
02 41 19 13-0216	EA	Drill 3" Diameter Core In Fiberglass Manhole	24.86	
02 41 19 13-0217	EA	Drill 4" Diameter Core In Fiberglass Manhole	27.01	
02 41 19 13-0218	EA	Drill 5" Diameter Core In Fiberglass Manhole	29.45	
02 41 19 13-0219	EA	Drill 6" Diameter Core In Fiberglass Manhole	32.42	
02 41 19 13-0220	EA	Drill 8" Diameter Core In Fiberglass Manhole	36.06	
02 41 19 13-0221		**Drilling In Concrete Per Inch Of Depth** *(02 41 19 13-0024)*		
		Note: Includes layout.		
02 41 19 13-0222	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	1.81	
02 41 19 13-0223	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	1.89	
02 41 19 13-0224	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.02	
02 41 19 13-0225	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.16	
02 41 19 13-0226	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.37	
02 41 19 13-0227	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	2.57	
02 41 19 13-0228	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	2.71	
02 41 19 13-0229	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.00	
02 41 19 13-0230	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.38	
02 41 19 13-0231		**Drilling In Brick/Concrete Block Per Inch Of Depth** *(02 41 19 13-0024)*		
		Note: Includes layout.		
02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.51	
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.59	
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.71	
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.82	
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.98	
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.16	
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.28	
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.51	
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.84	
02 41 19 13-0241		**Drilling In Wood Or Plastic Per Inch Of Depth** *(02 41 19 13-0024)*		
		Note: Includes layout.		
02 41 19 13-0242	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.74	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0243	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.78	
02 41 19 13-0244	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.83	
02 41 19 13-0245	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.89	
02 41 19 13-0246	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.97	
02 41 19 13-0247	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.05	
02 41 19 13-0248	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.10	
02 41 19 13-0249	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.22	
02 41 19 13-0250	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.39	

02 41 19 13-0251 Minimum Charge For Core Drilling *(02 41 19 13-0024)*

02 41 19 13-0252	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	580.60	

02 41 19 13-0253 Cutouts *(02 41 19 13)*

Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.

02 41 19 13-0254 Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0253)*

02 41 19 13-0255	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	38.18	
02 41 19 13-0256	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	40.50	
02 41 19 13-0257	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	42.81	
02 41 19 13-0258	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	45.13	
02 41 19 13-0259	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	46.29	

02 41 19 13-0260 Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0253)*

Note: Includes cutting and removing steel decking.

02 41 19 13-0261	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	46.53	
02 41 19 13-0262	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	49.36	
02 41 19 13-0263	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	52.17	
02 41 19 13-0264	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	55.00	
02 41 19 13-0265	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	56.41	

02 41 19 13-0266 Reinforced Concrete Wall Cutouts *(02 41 19 13-0253)*

02 41 19 13-0267	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	47.73	
02 41 19 13-0268	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	50.63	
02 41 19 13-0269	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	53.52	
02 41 19 13-0270	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	56.41	
02 41 19 13-0271	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	57.86	

02 41 19 13-0272 Brick Wall Cutouts *(02 41 19 13-0253)*

Note: Excludes toothing.

02 41 19 13-0273	SF	4" Thick Brick Wall Cutouts, <24 SF	14.46	
02 41 19 13-0274	SF	6" Thick Brick Wall Cutouts, <24 SF	23.86	
02 41 19 13-0275	SF	8" Thick Brick Wall Cutouts, <24 SF	33.24	
02 41 19 13-0276	SF	10" Thick Brick Wall Cutouts, <24 SF	40.50	
02 41 19 13-0277	SF	12" Thick Brick Wall Cutouts, <24 SF	48.45	
02 41 19 13-0278	SF	16" Thick Brick Wall Cutouts, <24 SF	57.13	

02 41 19 13-0279 Concrete Block Wall Cutouts *(02 41 19 13-0253)*

Note: Excludes toothing.

02 41 19 13-0280	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	23.93	
02 41 19 13-0281	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	25.34	
02 41 19 13-0282	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	26.75	
02 41 19 13-0283	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	28.20	
02 41 19 13-0284	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	28.93	
02 41 19 13-0285	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	30.38	

02 41 19 13-0286 Limestone Cutouts *(02 41 19 13-0253)*

02 41 19 13-0287	SF	2" Thick Limestone Cutouts, <24 SF	40.50	
02 41 19 13-0288	SF	4" Thick Limestone Cutouts, <24 SF	49.18	
02 41 19 13-0289	SF	6" Thick Limestone Cutouts, <24 SF	52.07	
02 41 19 13-0290	SF	8" Thick Limestone Cutouts, <24 SF	54.96	
02 41 19 13-0291	SF	10" Thick Limestone Cutouts, <24 SF	57.86	
02 41 19 13-0292	SF	12" Thick Limestone Cutouts, <24 SF	60.75	

02 41 19 13-0293 Toothing Masonry Cutouts *(02 41 19 13-0253)*

Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.

02 41 19 13-0294	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	14.46	
02 41 19 13-0295	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	19.52	
02 41 19 13-0296	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	8.68	
02 41 19 13-0297	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	11.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 13-0298 Minimum Charge For Cutouts *(02 41 19 13-0253)*

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

02 41 19 13-0299	EA	Cutouts Minimum Charge	289.28	

02 41 19 13-0300 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0301 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0300)*

02 41 19 13-0302	VLF	8" x 8" Masonry Column Removal	11.40	
02 41 19 13-0303	VLF	10" x 10" Masonry Column Removal	17.81	
02 41 19 13-0304	VLF	12" x 12" Masonry Column Removal	22.81	
02 41 19 13-0305	VLF	14" x 14" Masonry Column Removal	28.56	
02 41 19 13-0306	VLF	16" x 16" Masonry Column Removal	35.08	
02 41 19 13-0307	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	19.70	

02 41 19 13-0308 Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0300)*

Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0309	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	15.69	
02 41 19 13-0310	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	23.54	
02 41 19 13-0311	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	45.10	

02 41 19 13-0312 Facade Removal *(02 41 19 13-0300)*

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

02 41 19 13-0313	SF	Stone Or Brick Veneer Facade Removal	4.34	
		For Cleaning and Storage For Reuse, Add		*3.26*

02 41 19 13-0314 Exterior Masonry Removal *(02 41 19 13-0300)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0315	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	3.82	
02 41 19 13-0316	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	4.30	
02 41 19 13-0317	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall	5.21	
02 41 19 13-0318	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall	5.69	
02 41 19 13-0319	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall	6.24	
02 41 19 13-0320	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall	7.82	
02 41 19 13-0321	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	4.51	
02 41 19 13-0322	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	5.17	
02 41 19 13-0323	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	6.24	
02 41 19 13-0324	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	6.83	
02 41 19 13-0325	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	7.49	
02 41 19 13-0326	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	9.37	
02 41 19 13-0327	SF	Demolish 4" Thick Brick Exterior Wall	3.82	
		For Cleaning and Storage For Reuse, Add		*2.87*
02 41 19 13-0328	SF	Demolish 6" Thick Brick Exterior Wall	4.30	
		For Cleaning and Storage For Reuse, Add		*3.23*
02 41 19 13-0329	SF	Demolish 8" Thick Brick Exterior Wall	5.21	
		For Cleaning and Storage For Reuse, Add		*3.91*
02 41 19 13-0330	SF	Demolish 10" Thick Brick Exterior Wall	5.69	
		For Cleaning and Storage For Reuse, Add		*4.27*
02 41 19 13-0331	SF	Demolish 12" Thick Brick Exterior Wall	6.24	
		For Cleaning and Storage For Reuse, Add		*4.68*
02 41 19 13-0332	SF	Demolish 16" Thick Brick Exterior Wall	7.82	
		For Cleaning and Storage For Reuse, Add		*5.87*
02 41 19 13-0333	CF	Exterior Brick, Concrete Block Or Composite Removal	11.10	
		For Cleaning and Storage For Reuse, Add		*8.33*

02 41 19 13-0334 Exterior Concrete Wall Removal *(02 41 19 13)*

02 41 19 13-0335	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	5.01	
02 41 19 13-0336	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	9.08	
02 41 19 13-0337	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	11.42	
02 41 19 13-0338	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	13.46	
02 41 19 13-0339	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	15.92	

02 41 19 13-0340 Roofing Removal *(02 41 19 13)*

02 41 19 13-0341 Clay Tile Roof Remove And Salvage For Re-use *(02 41 19 13-0340)*

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

02 41 19 13-0342	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	226.58	

02 41 19 13-0343 Elevated Concrete Removal *(02 41 19 13)*

02 41 19 13-0344	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	9.69	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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

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

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

02 41 19 16-0002 Remove And Salvage For Re-Use *(02 41 19 16-0001)*

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

02 41 19 16-0003	SF	Removal Of Brick Flooring And Salvage	2.07
02 41 19 16-0004	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	2.07
02 41 19 16-0005	SF	Removal Of Terrazzo Flooring And Salvage	2.85
02 41 19 16-0006	SF	Removal Of Wood Strip Flooring And Salvage	1.67
02 41 19 16-0007	SF	Removal Of Wood Parquet Flooring And Salvage	0.88
02 41 19 16-0008	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.63

02 41 19 16-0009 Scarify Concrete *(02 41 19 16-0001)*

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

02 41 19 16-0010	SF	Scarify Concrete Floor	0.24
02 41 19 16-0011	SF	Scarify Concrete Tread And Riser	2.00
02 41 19 16-0012	SF	Scarify Concrete Wall	1.81

02 41 19 16-0013 Fireproofing Removal *(02 41 19 16)*

02 41 19 16-0014	SF	Removal Of Fireproofing From Concrete Or Steel	0.97

02 41 19 16-0015 Demolish Ceiling *(02 41 19 16)*

02 41 19 16-0016	SF	Demolish Drywall Ceiling	0.75
02 41 19 16-0017	SF	Demolish Furred Plastered Ceiling	1.74
02 41 19 16-0018	SF	Demolish Suspended Plastered Ceiling And Suspension System	1.33

02 41 19 16-0019 Demolish Concrete Stair *(02 41 19 16)*

02 41 19 16-0020	CF	Demolish Interior Reinforced Concrete Stairs	6.24
02 41 19 16-0021	CF	Demolish Exterior Reinforced Concrete Stairs	5.23

02 41 19 16-0022 Demolish Interior Partition/Wall *(02 41 19 16)*

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

02 41 19 16-0023 Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0022)*

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

02 41 19 16-0024 Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0023)*

02 41 19 16-0025	SF	Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.04
02 41 19 16-0026	SF	Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.32
02 41 19 16-0027	SF	Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.87
02 41 19 16-0028	SF	Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall	6.25
02 41 19 16-0029	SF	Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall	7.82
02 41 19 16-0030	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	4.85
02 41 19 16-0031	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	5.19
02 41 19 16-0032	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	5.85
02 41 19 16-0033	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	7.50
02 41 19 16-0034	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	9.38

02 41 19 16-0035 Demolish Brick Interior Partition/Walls *(02 41 19 16-0023)*

02 41 19 16-0036	SF	Demolish 4" Thick Brick Interior Partition/Wall	4.04
02 41 19 16-0037	SF	Demolish 8" Thick Brick Interior Partition/Wall	4.87
02 41 19 16-0038	SF	Demolish 12" Thick Brick Interior Partition/Wall	6.24
02 41 19 16-0039	SF	Demolish 16" Thick Brick Interior Partition/Wall	7.82

02 41 19 16-0040 Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0023)*

02 41 19 16-0041	SF	Demolish Glass Block Interior Partition/Walls	3.47

02 41 19 16-0042 Demolish Concrete Interior Partition/Walls *(02 41 19 16-0023)*

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

02 41 19 16-0043	SF	Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall	7.36
02 41 19 16-0044	SF	Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall	9.20
02 41 19 16-0045	SF	Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall	12.87
02 41 19 16-0046	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall	8.83
02 41 19 16-0047	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	11.10
02 41 19 16-0048	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	15.45

02 41 19 16-0049 Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0023)*

02 41 19 16-0050	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	1.39

02 41 19 16-0051 Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0022)*

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

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0052	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.46	
		For Heights >14' To 20', Add	*0.37*	
		For Heights >20', Add	*0.49*	
02 41 19 16-0053	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	2.87	
		For Heights >14' To 20', Add	*0.43*	
		For Heights >20', Add	*0.57*	
02 41 19 16-0054	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	3.15	
		For Heights >14' To 20', Add	*0.47*	
		For Heights >20', Add	*0.63*	
02 41 19 16-0055	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	4.38	
		For Heights >14' To 20', Add	*0.66*	
		For Heights >20', Add	*0.88*	
02 41 19 16-0056	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.29	
		For Heights >14' To 20', Add	*0.19*	
		For Heights >20', Add	*0.26*	
02 41 19 16-0057	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	1.54	
		For Heights >14' To 20', Add	*0.23*	
		For Heights >20', Add	*0.31*	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

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

02 43 13 00-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13)*

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

02 43 13 00-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	27.34
02 43 13 00-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	25.83
02 43 13 00-0004	SF	>920 SF, Move Relocatable Metal Frame Building	24.18
02 43 13 00-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	21.93
02 43 13 00-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	20.50
02 43 13 00-0007	SF	>920 SF, Move Relocatable Wood Frame Building	18.14
02 43 13 00-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	26.57
02 43 13 00-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	24.18
02 43 13 00-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	20.50

02 60 Contaminated Site Material Removal *(02)*

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

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

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

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

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	9.96
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	5.64
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	57.40

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

See CSI section 31 25 14 23-0019 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.97
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.60

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

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0037 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

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

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

02 65 00 00-0003	EA	Collection Of Sludge Sample	25.07
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample	25.07
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	25.07

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

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

02 65 00 00-0007	EA	Lab Test - Benzene, Toluene, Ethylbenzene, Xylene 8020 Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	103.80
02 65 00 00-0008	EA	Lab Test - Flashpoint Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	40.37
02 65 00 00-0009	EA	Lab Test - TOX 9020 Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	97.10

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0010	EA	Lab Test - TPH 8015 Modified Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	103.80	
02 65 00 00-0011	EA	Lab Test - TRPH 418.1 Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	80.73	
02 65 00 00-0012	EA	Lab Test - VOC Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	219.13	
02 65 00 00-0013	EA	Lab Test - Semi-Volatile Organic Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	403.66	
02 65 00 00-0014	EA	Lab Test - Oil And Grease 413.1 Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	48.55	
02 65 00 00-0015	EA	Lab Test - TCLP (Extraction) - Metals Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	86.50	
02 65 00 00-0016	EA	Lab Test - TCLP (Extraction) - Semi-Volatile Organic Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	115.33	
02 65 00 00-0017	EA	Lab Test - Metals 6010 RCRA Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	129.17	
02 65 00 00-0018	EA	Lab Test - Metals (Arsenic) 7060 Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	17.30	
02 65 00 00-0019	EA	Lab Test - Metals (Selenium) 7740 Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	17.30	
02 65 00 00-0020	EA	Lab Test - Metals (Lead) 7421 Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	17.30	
02 65 00 00-0021	EA	Lab Test - Metals (Mercury) 7470 Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	32.29	
02 65 00 00-0022	EA	Lab Test - PNA/PAH 8100 Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	184.53	
02 65 00 00-0023	EA	Lab Test - Fuel Id ASTM D3328-78 Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	66.75	
02 65 00 00-0024	EA	Lab Test - pH	13.84	
02 65 00 00-0025	EA	Lab Test - PCBs In Wastewater	173.00	
02 65 00 00-0026	EA	Lab Test - Methyl Tertiary Butyl Ether (MTBE)	103.80	
02 65 00 00-0027		Tests, Surveys And Maintenance *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,076.93	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	162.56	
02 65 00 00-0030	EA	Check And Report On Monitor Probes Note: By Certified Technician	38.77	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	287.76	
02 65 00 00-0032	EA	Replace Anode On Impressed System	100.21	
02 65 00 00-0033	EA	Replace Power Converter On Impressed System	146.57	
02 65 00 00-0034	EA	Replace Monitor Probes	224.24	
02 65 00 00-0035	EA	Ultrasonic Test	69.01	
02 65 00 00-0036		Tests And Sampling Labor Hours *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer	125.25	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	125.25	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	104.74	
02 65 00 00-0040		Remove Tank Contents *(02 65)*		
02 65 00 00-0041		Transfer Liquid *(02 65 00 00-0040)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.54	
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.19	
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank	0.83	
02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge *(02 65 00 00-0040)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	4.92	
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.12	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0049		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0050		**Purge Vapors** *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	2.53	
02 65 00 00-0052		**High Pressure Water Wash And Rinse Of Tank Interior** *(02 65 00 00-0049)*		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	227.28	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	292.22	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	370.14	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	480.54	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	896.13	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,077.96	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,201.34	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,441.61	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,792.27	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,155.92	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,694.90	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,368.94	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,210.53	
02 65 00 00-0066		**Scrape Clean Tank Exterior** *(02 65 00 00-0049)*		
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	185.61	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	247.15	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	323.85	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	448.48	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	993.16	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,257.55	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	1,471.56	
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	1,849.96	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	2,404.50	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	3,018.12	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	3,929.84	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	4,715.80	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	5,894.76	
02 65 00 00-0080		**Tank And Piping Removal** *(02 65)* Note: Excludes excavation.		
02 65 00 00-0081		**Removal And Disposal Of Piping** *(02 65 00 00-0080)* Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	14.61	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	19.49	
02 65 00 00-0084		**Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement** *(02 65 00 00-0080)* Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	507.12	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	615.79	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	724.45	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	905.58	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,267.79	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,593.80	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,811.13	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,173.37	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,897.81	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,473.84	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,070.63	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,762.29	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,952.86	
02 65 00 00-0098		**Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary** *(02 65 00 00-0080)* Note: Includes 1 lengthwise at every 4' O.C. height wise.		
02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	617.60	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,151.74	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,385.43	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,544.01	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,852.80	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,303.49	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,770.86	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,463.58	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,329.48	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,411.84	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0109		Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*		
		Note: Includes disposal fee.		
02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	229.91	
		For Each Additional Mile >15 Miles, Add	*3.44*	
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	312.30	
		For Each Additional Mile >15 Miles, Add	*4.34*	
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	491.58	
		For Each Additional Mile >15 Miles, Add	*6.51*	
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	766.15	
		For Each Additional Mile >15 Miles, Add	*7.60*	
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,352.08	
		For Each Additional Mile >15 Miles, Add	*13.38*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,395.47	
		For Each Additional Mile >15 Miles, Add	*14.47*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,467.82	
		For Each Additional Mile >15 Miles, Add	*16.28*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,131.74	
		For Each Additional Mile >15 Miles, Add	*21.70*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,920.21	
		For Each Additional Mile >15 Miles, Add	*32.55*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,419.33	
		For Each Additional Mile >15 Miles, Add	*36.17*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,232.65	
		For Each Additional Mile >15 Miles, Add	*43.40*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	5,936.00	
		For Each Additional Mile >15 Miles, Add	*52.08*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,173.15	
		For Each Additional Mile >15 Miles, Add	*59.90*	
02 65 00 00-0123		Other Storage Tank Removals *(02 65 00 00-0080)*		
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.45	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.16	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	0.88	
02 65 00 00-0127		Tank Closure Report *(02 65 00 00-0080)*		
		Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.		
02 65 00 00-0128	EA	Prepare Tank Closure Report	2,692.32	
02 65 00 00-0129		Temporary Tanks *(02 65)*		
02 65 00 00-0130		Temporary Holding Tanks *(02 65 00 00-0129)*		
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*		
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	479.90	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	479.90	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	959.80	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	719.85	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	1,679.64	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	1,199.75	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	1,966.66	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	2,356.87	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	3,980.14	
02 65 00 00-0141		Secondary Containment Berm *(02 65 00 00-0129)*		
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,039.78	

02 80 Facility Remediation *(02)*

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

02 81 00 00-0001		Hazardous Material Disposal *(02 81)*		
02 81 00 00-0002	GAL	Drain Hazardous (PCB) Oil Filled Equipment And Dispose In Approved Container	8.55	
		Note: Includes handling of container and disposal at approved site.		
02 81 00 00-0003	CF	Hazardous (PCB) Oil Filled Equipment Disposal At Approved Site	57.79	
		Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.		

02 82 Asbestos Remediation *(02 80)*

Note: Tasks include materials, equipment (e.g. ladders, high volume vacuum with sound suppression system where required, etc.), mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, HEPA vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, fees, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there are tasks with a unit of measure of EA for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 82 13 Asbestos Abatement *(02 82)*

02 82 13 00-0001 Minimum Charge For Asbestos Remediation *(02 82 13)*

02 82 13 00-0002	EA	Asbestos Remediation Minimum Show Up Charge Note: For projects where the total asbestos remediation charge is less than the minimum charge, use task "Minimum Charge For Asbestos Remediation" exclusively. Task "Minimum Charge For Asbestos Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	746.32

02 82 13 00-0003 Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)*

Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0004	HR	Bulk Sampling Or Air Monitoring, Asbestos Testing	60.84
02 82 13 00-0005	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	31.35
02 82 13 00-0006	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	36.75
02 82 13 00-0007	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	58.37
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	100.53
02 82 13 00-0009	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	122.15
02 82 13 00-0010	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	24.86
02 82 13 00-0011	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	30.27
02 82 13 00-0012	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	41.08
02 82 13 00-0013	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	31.35
02 82 13 00-0014	EA	Next Day Turnaround, (Air Point Counting) PLM Test	36.75
02 82 13 00-0015	EA	Same Day Turnaround, (Air Point Counting) PLM Test	58.37
02 82 13 00-0016	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	100.53
02 82 13 00-0017	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	115.67
02 82 13 00-0018	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	161.07

02 82 16 Engineering Control of Asbestos Containing Materials *(02 82)*

02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) *(02 82 16)*

02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.15
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	1.52
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	1.56
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	1.77
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	4.95
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	5.52

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	EA	>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	504.50
		For Work In Restricted Working Space, Add	*151.35*
02 82 33 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.80
		For Work In Restricted Working Space, Add	*7.74*
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	19.35
		For Work In Restricted Working Space, Add	*5.81*
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	14.51
		For Work In Restricted Working Space, Add	*4.35*
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	10.88
		For Work In Restricted Working Space, Add	*3.26*
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	9.46
		For Work In Restricted Working Space, Add	*2.84*

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011	EA	>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	504.50
		For Work In Restricted Working Space, Add	*151.35*
02 82 33 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	29.67
		For Work In Restricted Working Space, Add	*8.90*
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	22.25
		For Work In Restricted Working Space, Add	*6.68*
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	16.68
		For Work In Restricted Working Space, Add	*5.00*
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	12.51
		For Work In Restricted Working Space, Add	*3.75*
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	10.88
		For Work In Restricted Working Space, Add	*3.26*

02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0018	EA	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	547.51	
		For Work In Restricted Working Space, Add	*164.25*	
02 82 33 00-0019	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	81.11	
		For Work In Restricted Working Space, Add	*24.33*	
02 82 33 00-0020	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	31.49	
		For Work In Restricted Working Space, Add	*9.45*	
02 82 33 00-0021	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	23.61	
		For Work In Restricted Working Space, Add	*7.08*	
02 82 33 00-0022	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	17.71	
		For Work In Restricted Working Space, Add	*5.31*	

02 82 33 00-0023 Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0024 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0023)*

Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0025	EA	Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	504.50
02 82 33 00-0026	SF	>20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	25.80
02 82 33 00-0027	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	20.31
02 82 33 00-0028	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	15.23
02 82 33 00-0029	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	11.43

02 82 33 00-0030 Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0031 Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.

02 82 33 00-0032	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	126.13

02 82 33 00-0033 Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: Exposed surface area, includes associated overspray.

02 82 33 00-0034	EA	Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	504.50
02 82 33 00-0035	SF	>20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	30.95
02 82 33 00-0036	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	23.20
02 82 33 00-0037	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	17.40
02 82 33 00-0038	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	13.05

02 82 33 00-0039 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 33 00-0040	EA	Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	504.50
02 82 33 00-0041	SF	>20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	12.92
02 82 33 00-0042	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	9.78
02 82 33 00-0043	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	7.25
02 82 33 00-0044	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	5.36

02 82 33 00-0045 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0046	EA	Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	504.50
02 82 33 00-0047	SF	>20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	9.94
02 82 33 00-0048	SF	>500 To 2,500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	7.25
02 82 33 00-0049	SF	>2,500 To 10,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	5.67
02 82 33 00-0050	SF	>10,000 To 50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	4.42
02 82 33 00-0051	SF	>50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	3.16

02 82 33 00-0052 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0053	EA	Up To 10 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	504.50
02 82 33 00-0054	SF	>10 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	18.85
02 82 33 00-0055	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	13.81
02 82 33 00-0056	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	10.79
02 82 33 00-0057	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	8.39
02 82 33 00-0058	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	5.99

02 82 33 00-0059 Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0060	EA	Up To 20 SF, Stucco, Asbestos Abatement And Disposal	504.50
02 82 33 00-0061	SF	>20 To 500 SF, Stucco, Asbestos Abatement And Disposal	21.93
02 82 33 00-0062	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	16.45
02 82 33 00-0063	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	12.33
02 82 33 00-0064	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	9.25

02 82 33 00-0065 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0066	EA	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0067	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	8.41	
02 82 33 00-0068	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.31	
02 82 33 00-0069	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	4.74	
02 82 33 00-0070	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	3.54	
02 82 33 00-0071		Flooring Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0072		Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0071)*		
02 82 33 00-0073		Floor Tile Or Linoleum, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0074	EA	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0075	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	5.16	
		For Each Additional Layer, Add	*1.29*	
02 82 33 00-0076	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	4.19	
		For Each Additional Layer, Add	*1.05*	
02 82 33 00-0077	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	3.31	
		For Each Additional Layer, Add	*0.83*	
02 82 33 00-0078	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	2.23	
		For Each Additional Layer, Add	*0.56*	
02 82 33 00-0079		Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
02 82 33 00-0080	EA	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0081	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.99	
02 82 33 00-0082	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.20	
02 82 33 00-0083	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.29	
02 82 33 00-0084	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	1.70	
02 82 33 00-0085		Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
		Note: Up to 12".		
02 82 33 00-0086	EA	Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	189.19	
02 82 33 00-0087	LF	>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.36	
02 82 33 00-0088	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.02	
02 82 33 00-0089	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.26	
02 82 33 00-0090	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	0.88	
02 82 33 00-0091		Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0071)*		
		Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0092	EA	Up To 200 SF, Mastic, Asbestos Abatement And Disposal	504.50	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0093	SF	>200 To 500 SF, Mastic, Asbestos Abatement And Disposal	1.29	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0094	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	0.95	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0095	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	0.73	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0096	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	0.59	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0097		Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0071)*		
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0098	EA	Up To 10 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0099	SF	>10 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.96	
02 82 33 00-0100	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.35	
02 82 33 00-0101	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.41	
02 82 33 00-0102	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	2.65	
02 82 33 00-0103		Roofing, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0104		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0103)*		
		Note: Includes paint, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0105		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0106	EA	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0107	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.03	
02 82 33 00-0108	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0109	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.58	
02 82 33 00-0110	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.93	
02 82 33 00-0111	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.45	
02 82 33 00-0112		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0113	EA	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0114	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.59	
02 82 33 00-0115	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.65	
02 82 33 00-0116	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.94	
02 82 33 00-0117	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.21	
02 82 33 00-0118	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.65	
02 82 33 00-0119		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0120	EA	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0121	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.09	
02 82 33 00-0122	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.06	
02 82 33 00-0123	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.28	
02 82 33 00-0124	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.45	
02 82 33 00-0125	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1.84	
02 82 33 00-0126		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0103)*		
02 82 33 00-0127		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0126)*		
02 82 33 00-0128	EA	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	504.50	
02 82 33 00-0129	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.03	
		For Each Additional Layer, Add	*1.01*	
02 82 33 00-0130	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.22	
		For Each Additional Layer, Add	*0.81*	
02 82 33 00-0131	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.58	
		For Each Additional Layer, Add	*0.65*	
02 82 33 00-0132	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.93	
		For Each Additional Layer, Add	*0.48*	
02 82 33 00-0133	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.45	
		For Each Additional Layer, Add	*0.36*	
02 82 33 00-0134		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0103)*		
02 82 33 00-0135	EA	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	126.13	
02 82 33 00-0136	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.58	
02 82 33 00-0137	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.29	
02 82 33 00-0138	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.04	
02 82 33 00-0139	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	0.75	
02 82 33 00-0140		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0103)*		
02 82 33 00-0141	EA	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	126.13	
02 82 33 00-0142	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	4.73	
02 82 33 00-0143	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	3.78	
02 82 33 00-0144	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	3.16	
02 82 33 00-0145	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	2.27	
02 82 33 00-0146		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0147		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0146)* Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0148	EA	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	504.50	
02 82 33 00-0149	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.16	
02 82 33 00-0150	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.58	
02 82 33 00-0151	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.06	
02 82 33 00-0152	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 82 33 00-0153 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0146)*

02 82 33 00-0154	EA	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0155	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.48	
02 82 33 00-0156	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.30	
02 82 33 00-0157	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1.84	
02 82 33 00-0158	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1.59	

02 82 33 00-0159 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0146)*

02 82 33 00-0160	EA	Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0161	LF	>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	25.80	
02 82 33 00-0162	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	19.35	
02 82 33 00-0163	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	14.51	
02 82 33 00-0164	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	10.88	
02 82 33 00-0165	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	8.16	
02 82 33 00-0166	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	7.97	

02 82 33 00-0167 Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0146)*

02 82 33 00-0168	EA	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	504.50	
02 82 33 00-0169	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.03	
02 82 33 00-0170	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.22	
02 82 33 00-0171	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.58	
02 82 33 00-0172	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.93	
02 82 33 00-0173	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.45	

02 82 33 00-0174 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0175 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0174)*

02 82 33 00-0176	EA	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	504.50	
		For Work In Restricted Working Space, Add		*151.35*
02 82 33 00-0177	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	50.17	
		For Work In Restricted Working Space, Add		*15.05*
02 82 33 00-0178	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	33.44	
		For Work In Restricted Working Space, Add		*10.03*
02 82 33 00-0179	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	25.12	
		For Work In Restricted Working Space, Add		*7.54*
02 82 33 00-0180	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	20.07	
		For Work In Restricted Working Space, Add		*6.02*
02 82 33 00-0181	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	17.06	
		For Work In Restricted Working Space, Add		*5.12*
02 82 33 00-0182	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	15.35	
		For Work In Restricted Working Space, Add		*4.61*

02 82 33 00-0183 Asbestos Contaminated Soil, Asbestos Abatement And Disposal *(02 82 33 00-0174)*

02 82 33 00-0184	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	756.75	
		For Work In Restricted Working Space, Add		*227.03*
02 82 33 00-0185	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	50.17	
		For Work In Restricted Working Space, Add		*15.05*
02 82 33 00-0186	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	33.44	
		For Work In Restricted Working Space, Add		*10.03*
02 82 33 00-0187	CF	>250 To 500 CF, Asbestos Contaminated Asbestos Abatement And Disposal	25.12	
02 82 33 00-0188	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	20.07	
		For Work In Restricted Working Space, Add		*6.02*
02 82 33 00-0189	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	17.06	
		For Work In Restricted Working Space, Add		*5.12*
02 82 33 00-0190	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	15.35	
		For Work In Restricted Working Space, Add		*4.61*

02 82 33 00-0191 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0174)*

02 82 33 00-0192	EA	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0193	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	45.15	
02 82 33 00-0194	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	30.10	
02 82 33 00-0195	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	22.61	
02 82 33 00-0196	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	18.06	
02 82 33 00-0197	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	15.35	
02 82 33 00-0198	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	13.81	

02 82 33 00-0199 Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0200 30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0199)*

02 82 33 00-0201	EA	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	504.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0202	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	90.81	
02 82 33 00-0203	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	81.73	
02 82 33 00-0204		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
02 82 33 00-0205	EA	Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	252.25	
02 82 33 00-0206	LF	>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.16	
02 82 33 00-0207	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.87	
02 82 33 00-0208	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.33	
02 82 33 00-0209	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.87	
02 82 33 00-0210	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.45	
02 82 33 00-0211	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.12	
02 82 33 00-0212		Grout, Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
		Note: e.g. flue grout.		
02 82 33 00-0213	EA	Up To 20 LF, Grout, Asbestos Abatement And Disposal	189.19	
02 82 33 00-0214	LF	>20 To 50 LF, Grout, Asbestos Abatement And Disposal	9.94	
02 82 33 00-0215	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	6.83	
02 82 33 00-0216	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	5.85	
02 82 33 00-0217	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	5.03	
02 82 33 00-0218	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	4.33	
02 82 33 00-0219	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	3.72	
02 82 33 00-0220		Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
		Note: e.g. rope, web cloth, flat.		
02 82 33 00-0221	EA	Up To 15 LF, Gaskets, Asbestos Abatement And Disposal	189.19	
02 82 33 00-0222	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal	13.37	
02 82 33 00-0223	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	10.03	
02 82 33 00-0224	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	8.55	
02 82 33 00-0225	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	7.69	
02 82 33 00-0226	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	6.91	
02 82 33 00-0227	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	6.57	
02 82 33 00-0228		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
		Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 82 33 00-0229	EA	Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0230	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	10.72	
02 82 33 00-0231	SF	>1,000 To 2,500 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	5.16	
02 82 33 00-0232	SF	>2,500 To 10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	3.48	
02 82 33 00-0233	SF	>10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	2.96	
02 82 33 00-0234		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0235	EA	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	504.50	
02 82 33 00-0236	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	10.72	
02 82 33 00-0237	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.16	
02 82 33 00-0238	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.48	
02 82 33 00-0239	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	2.96	
02 82 33 00-0240		Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0199)*		
02 82 33 00-0241		Non Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0240)*		
02 82 33 00-0242	EA	Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	189.19	
02 82 33 00-0243	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	7.44	
02 82 33 00-0244	LF	>50 To 100 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	5.24	
02 82 33 00-0245	LF	>100 To 250 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	3.90	
02 82 33 00-0246	LF	>250 To 1,000 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	2.93	
02 82 33 00-0247	LF	>1,000 To 2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	2.32	
02 82 33 00-0248	LF	>2,500 LF, Non Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	2.01	

02 83 Lead Remediation *(02 80)*

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0037 for hauling in excess of 25 miles to transfer or disposal site, 02 81 00 00-0001 for transportation and disposal of hazardous material into approved faculity., 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

02 83 19 13-0001 Scrape And Sand Lead Paint *(02 83 19 13)*

02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.01
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.06
02 83 19 13-0004	SF	Hand Scrape Lead Paint From Wood Surfaces	1.39
02 83 19 13-0005	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.42

02 83 19 13-0006 Testing Material Of Lead Contamination *(02 83 19 13)*

Note: Includes report from certified/qualified personnel.

02 83 19 13-0007	EA	Test Existing Material For Lead, Up To 10 Tests	24.01
02 83 19 13-0008	EA	Test Existing Material For Lead, >10 To 25 Tests	21.26
02 83 19 13-0009	EA	Test Existing Material For Lead, 26 To 50 Tests	19.89
02 83 19 13-0010	EA	Test Existing Material For Lead, 51 To 100 Tests	18.52
02 83 19 13-0011	EA	Test Existing Material For Lead, 101 To 150 Tests	16.46
02 83 19 13-0012	EA	Test Existing Material For Lead, 151 To 250 Tests	15.09
02 83 19 13-0013	EA	Test Existing Material For Lead, >250 Tests	13.72
02 83 19 13-0014	EA	Lead Inspections Of Units	205.77
02 83 19 13-0015	HR	Lead-Based Paint Inspector	65.00
02 83 19 13-0016	EA	Lead Danger Sign	14.02

02 83 19 13-0017 Sampling And Testing *(02 83 19 13)*

Note: Includes taking sample, delivery to lab and lab fee.

02 83 19 13-0018	EA	X-Ray Fluorescence (XRF) Lead Testing Including Technician, 3 Readings Per Surface	37.26
02 83 19 13-0019	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (5 Day Turnaround) And Lab Fee	35.67
02 83 19 13-0020	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (48 Hour Turnaround) And Lab Fee	54.05
02 83 19 13-0021	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (24 Hour Turnaround) And Lab Fee	75.67
02 83 19 13-0022	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (5 Day Turnaround) And Lab Fee	14.05
02 83 19 13-0023	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (24 Hour Turnaround) And Lab Fee	21.62
02 83 19 13-0024	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (8 Hour Turnaround) And Lab Fee	27.02
02 83 19 13-0025	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (5 Day Turnaround) And Lab Fee	35.67
02 83 19 13-0026	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (3 Day Turnaround) And Lab Fee	54.05
02 83 19 13-0027	EA	Lead Wipe Samples (5 Day Turnaround) And Lab Fee	5.95
02 83 19 13-0028	EA	Lead Wipe Samples (24 Hour Turnaround) And Lab Fee	8.11
02 83 19 13-0029	EA	Lead Wipe Samples (8 Hour Turnaround) And Lab Fee	11.89
02 83 19 13-0030	EA	Lead Air Samples (5 Day Turn -Around) And Lab Fee	5.95
02 83 19 13-0031	EA	Lead Air Samples (24 Hour Turnaround) And Lab Fee	8.11
02 83 19 13-0032	EA	Lead Air Samples (8 Hour Turnaround) And Lab Fee	11.89
02 83 19 13-0033	EA	Lead Water Test (5 Day Turnaround) and Lab Fee	21.62
02 83 19 13-0034	EA	Lead Water Test (24 Hour Turnaround) and Lab Fee	32.43
02 83 19 13-0035	EA	Lead Water Test (8 Hour Turnaround) and Lab Fee	43.24
02 83 19 13-0036	EA	Lead Paint Chip Test (5 Day Turnaround) and Lab Fee	22.36
02 83 19 13-0037	EA	Lead Soil Test (5 Day Turnaround) and Lab Fee	44.72
02 83 19 13-0038	EA	Sample Pickup, Per Trip	32.43

02 83 19 13-0039 Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*

02 83 19 13-0040	EA	Lead-Based Paint Remediation Minimum Show Up Charge	820.83

Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.

02 83 19 13-0041 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0042	SF	Balustrades, Simple, Chemical Stripping Of Lead Contaminated Material	26.25
02 83 19 13-0043	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	39.24
02 83 19 13-0044	LF	Up To 6" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	11.17
02 83 19 13-0045	LF	>6" To 12" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	23.20
02 83 19 13-0046	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	7.23
02 83 19 13-0047	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	28.14
02 83 19 13-0048	SF	Cabinets, Simple Design, Chemical Stripping Of Lead Contaminated Material	21.97
02 83 19 13-0049	SF	Ceilings, All, Chemical Stripping Of Lead Contaminated Material	10.17
02 83 19 13-0050	SF	Columns, Chemical Stripping Of Lead Contaminated Material	9.62
02 83 19 13-0051	SF	Cornice, Simple, Chemical Stripping Of Lead Contaminated Material	11.92
02 83 19 13-0052	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	34.91
02 83 19 13-0053	SF	Doors, One Side Flush, Chemical Stripping Of Lead Contaminated Material	8.54
02 83 19 13-0054	SF	Doors, One Panel, Chemical Stripping Of Lead Contaminated Material	8.92
02 83 19 13-0055	SF	Doors, Four Panel, Chemical Stripping Of Lead Contaminated Material	15.73
02 83 19 13-0056	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	115.91
02 83 19 13-0057	LF	Trim Or Frames, One Side, Chemical Stripping Of Lead Contaminated Material	11.09
02 83 19 13-0058	LF	Up To 2" Electrical Conduit, Chemical Stripping Of Lead Contaminated Material	4.79
02 83 19 13-0059	SF	Fence, Picket, Chemical Stripping Of Lead Contaminated Material	23.56
02 83 19 13-0060	SF	Floors, Wood, Chemical Stripping Of Lead Contaminated Material	5.87
02 83 19 13-0061	SF	Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	28.14
02 83 19 13-0062	SF	Grilles, Simple, Chemical Stripping Of Lead Contaminated Material	23.51
02 83 19 13-0063	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	14.28
02 83 19 13-0064	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	17.77
02 83 19 13-0065	LF	Up To 4" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	7.92

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0066	LF	>4" To 8" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	14.23	
02 83 19 13-0067	LF	>8" To 12" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	19.61	
02 83 19 13-0068	LF	>12" To 16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	35.38	
02 83 19 13-0069	SF	>16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	10.65	
02 83 19 13-0070	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	213.32	
02 83 19 13-0071	EA	Shutters Front And Back Louvered, Up To 6', Chemical Stripping Of Lead Contaminated Material	238.68	
02 83 19 13-0072	EA	Shutters Flat, Chemical Stripping Of Lead Contaminated Material	174.92	
02 83 19 13-0073	SF	Siding, Chemical Stripping Of Lead Contaminated Material	8.03	
02 83 19 13-0074	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	17.67	
02 83 19 13-0075	SF	Steel, Flat Surfaces And Tanks Up To 12', Chemical Stripping Of Lead Contaminated Material	7.86	
02 83 19 13-0076	SF	Steel Beams, Chemical Stripping Of Lead Contaminated Material	8.96	
02 83 19 13-0077	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	12.91	
02 83 19 13-0078	SF	Walls, Wood, Chemical Stripping Of Lead Contaminated Material	8.96	
02 83 19 13-0079	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	21.31	
02 83 19 13-0080	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	23.37	
02 83 19 13-0081	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	24.77	
02 83 19 13-0082	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	26.17	
02 83 19 13-0083	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	27.56	
02 83 19 13-0084	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	29.01	
02 83 19 13-0085	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	30.37	
02 83 19 13-0086	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	31.07	
02 83 19 13-0087	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	31.78	
02 83 19 13-0088	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	32.45	
02 83 19 13-0089	SF	Metal Stair, Chemical Stripping Of Lead Contaminated Material	42.53	
02 83 19 13-0090	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	21.37	
02 83 19 13-0091	LF	Ornate Railings, Chemical Stripping Of Lead Contaminated Material	7.17	

02 83 19 13-0092 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0093	SF	Demolish Ceiling Including Suspension System, Plaster, Lath, Lead Contaminated Material	1.91	
02 83 19 13-0094	SF	Demolish Suspended Acoustical Ceiling System, Including Tile, Lead Contaminated Material	1.11	
02 83 19 13-0095	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.71	
02 83 19 13-0096	SF	Demolish Metal Pan Grid System, Lead Contaminated Material	1.11	
02 83 19 13-0097	EA	Demolish Up To 2' x 4' Light Fixtures, Lead Contaminated Material	53.41	
02 83 19 13-0098	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	70.85	
02 83 19 13-0099	SF	Demolish Non Load Bearing Partitions, Plaster, Lath And Studs, Lead Contaminated Material	7.91	
02 83 19 13-0100	SF	Demolish Non Load Bearing Partitions, Gypsum Board And Studs, Lead Contaminated Material	4.43	
02 83 19 13-0101	SF	Removal Of Lead Paint On Brick Or Concrete Block, Lead Contaminated Material	4.87	
02 83 19 13-0102	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	3.75	
02 83 19 13-0103	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.99	
02 83 19 13-0104	SF	Demolish Balustrades And Railings, Lead Contaminated Material	5.54	
02 83 19 13-0105	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.44	
02 83 19 13-0106	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	1.80	
02 83 19 13-0107	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.17	
02 83 19 13-0108	SF	Demolish Brick, Lead Contaminated Material	3.34	
02 83 19 13-0109	SF	Demolish Concrete Block, Lead Contaminated Material	4.29	
02 83 19 13-0110	SF	Demolish Concrete, Lead Contaminated Material	11.02	
02 83 19 13-0111	LF	Demolish Cabinets, Lead Contaminated Material	25.67	
02 83 19 13-0112	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.45	
02 83 19 13-0113	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	14.22	
02 83 19 13-0114	SF	Demolish Cornice, Lead Contaminated Material	1.89	
02 83 19 13-0115	EA	Demolish Doors, Lead Contaminated Material	55.67	
02 83 19 13-0116	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material	1.70	
02 83 19 13-0117	EA	Demolish Electrical Devices, Lead Contaminated Material	17.08	
02 83 19 13-0118	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.20	
02 83 19 13-0119	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	3.64	
02 83 19 13-0120	SF	Demolish Fence, Picket, Lead Contaminated Material	2.10	
02 83 19 13-0121	SF	Demolish Wood Floors, Lead Contaminated Material	2.63	
02 83 19 13-0122	SF	Demolish Grilles, Lead Contaminated Material	3.09	
02 83 19 13-0123	EA	Demolish Hinges, Lead Contaminated Material	6.22	
02 83 19 13-0124	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	13.34	
02 83 19 13-0125	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	5.47	
02 83 19 13-0126	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	7.98	
02 83 19 13-0127	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	12.06	
02 83 19 13-0128	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	22.25	
02 83 19 13-0129	EA	Demolish Radiators, Lead Contaminated Material	96.09	
02 83 19 13-0130	EA	Demolish Shutters And Louvered, Up To 6', Lead Contaminated Material	37.45	
02 83 19 13-0131	SF	Demolish Siding, Lead Contaminated Material	1.49	
02 83 19 13-0132	SF	Demolish Up To 12" Wide Soffit, Lead Contaminated Material	1.27	
02 83 19 13-0133	SF	Demolish Steel, Flat Surfaces And Tanks Up To 12', Lead Contaminated Material	3.46	
02 83 19 13-0134	SF	Demolish Steel Beams, Lead Contaminated Material	4.08	
02 83 19 13-0135	SF	Demolish Trusses, Lead Contaminated Material	5.35	
02 83 19 13-0136	SF	Demolish Walls, Wood, Lead Contaminated Material	3.96	
02 83 19 13-0137	SF	Demolish Windows, Lead Contaminated Material	13.29	
02 83 19 13-0138	SF	Demolish Metal Stair, Lead Contaminated Material	6.36	
02 83 19 13-0139	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	7.64	
02 83 19 13-0140	SF	Demolish Plywood, Lead Contaminated Material	5.74	
02 83 19 13-0141	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	2.80	
02 83 19 13-0142	SF	Demolish Ceramic Tile, Walls Or Floor, Lead Contaminated Material	3.23	
02 83 19 13-0143	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	17.54	
02 83 19 13-0144	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	3.83	
02 83 19 13-0145	LF	Demolish Metal Hand Rails, Lead Contaminated Material	4.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0146	LF	Demolish Metal Guard Rails, Lead Contaminated Material	10.53	
02 83 19 13-0147	LF	Demolish Roof Metal Trim, Lead Contaminated Material	2.25	
02 83 19 13-0148	LF	Demolish Rain Gutters, Lead Contaminated Material	2.46	
02 83 19 13-0149	LF	Demolish Downspouts, Lead Contaminated Material	2.46	
02 83 19 13-0150	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	2.24	
02 83 19 13-0151	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	5.61	
02 83 19 13-0152	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	5.61	
02 83 19 13-0153	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	4.03	
02 83 19 13-0154	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.16	
02 83 19 13-0155	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	2.46	
02 83 19 13-0156	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material	17.54	
02 83 19 13-0157	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material	12.47	
02 83 19 13-0158	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	9.35	
02 83 19 13-0159	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	7.01	

02 83 19 13-0160 Wet Sanding Of Lead Contaminated Material *(02 83 19 13)*

02 83 19 13-0161	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint	1.52	

02 83 19 13-0162 Lead Abatement Encapsulation *(02 83 19 13)*

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0163	SF	Balustrades, Lead Abatement Encapsulation	4.83	
02 83 19 13-0164	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.57	
02 83 19 13-0165	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.53	
02 83 19 13-0166	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.10	
02 83 19 13-0167	SF	Ornate Cabinets, Lead Abatement Encapsulation	7.00	
02 83 19 13-0168	SF	Simple Design Cabinets, Lead Abatement Encapsulation	5.70	
02 83 19 13-0169	SF	Drywall Ceilings, Lead Abatement Encapsulation	1.94	
02 83 19 13-0170	SF	Wood Ceilings, Lead Abatement Encapsulation	2.35	
02 83 19 13-0171	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.18	
02 83 19 13-0172	SF	Columns, Lead Abatement Encapsulation	3.74	
02 83 19 13-0173	SF	Doors, Lead Abatement Encapsulation	8.21	
02 83 19 13-0174	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.16	
02 83 19 13-0175	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.24	
02 83 19 13-0176	SF	Wood Floors (Roller), Lead Abatement Encapsulation	1.86	
02 83 19 13-0177	SF	Grilles, Vents, Lead Abatement Encapsulation	5.21	
02 83 19 13-0178	LF	Gutters And Downspouts, Lead Abatement Encapsulation	4.83	
02 83 19 13-0179	EA	Hangers, Lead Abatement Encapsulation	41.23	
02 83 19 13-0180	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	2.93	
02 83 19 13-0181	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.20	
02 83 19 13-0182	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.52	
02 83 19 13-0183	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.62	
02 83 19 13-0184	EA	Radiators, Lead Abatement Encapsulation	176.11	
02 83 19 13-0185	EA	Up To 6' Shutters, Lead Abatement Encapsulation	152.18	
02 83 19 13-0186	SF	Siding, Lead Abatement Encapsulation	2.67	
02 83 19 13-0187	SF	Up To 12" Soffit, Lead Abatement Encapsulation	3.74	
02 83 19 13-0188	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.10	
02 83 19 13-0189	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	4.06	
02 83 19 13-0190	SF	Trusses, Lead Abatement Encapsulation	4.06	
02 83 19 13-0191	SF	Drywall Walls, Lead Abatement Encapsulation	1.72	
02 83 19 13-0192	SF	Wood Walls, Lead Abatement Encapsulation	2.12	
02 83 19 13-0193	EA	Window Without Grille, Lead Abatement Encapsulation	152.40	
02 83 19 13-0194	EA	Window With Grille, Lead Abatement Encapsulation	179.08	
02 83 19 13-0195	LF	Frames And Trim, Lead Abatement Encapsulation	2.76	
02 83 19 13-0196	LF	Steel Lintels, Lead Abatement Encapsulation	3.17	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*

02 83 33 13-0002	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Mild Detergent	0.23	
02 83 33 13-0003	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Tri-Sodium Phosphate	0.26	
02 83 33 13-0004	SF	HEPA Vacuum And Shampoo Lead Contaminated Carpeting	1.11	

02 84 Polychlorinate Biphenyl Remediation *(02 80)*

02 84 16 Handling Of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.

02 84 16 00-0002	EA	Removal Of TSCA-Exempt PCB And Non-PCB Ballast From A Demolished Fixture For Recycling	7.23	

02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*

Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.

02 84 16 00-0004	EA	Recycle Non-PCB Ballast Removed From Up To 4' Length Fixtures	0.90	
02 84 16 00-0005	EA	Recycle Non-PCB Ballast Removed From >4' To 8' Length Fixtures	1.35	
02 84 16 00-0006	EA	Recycle TSCA-Exempt PCB Ballast Removed From Up To 4' Length Fixtures	4.21	
02 84 16 00-0007	EA	Recycle TSCA-Exempt PCB Ballast Removed From >4' To 8' Length Fixtures	9.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)* Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-PCB Ballast Removed From Up To 4' Length Fixtures	2.25	
02 84 16 00-0010	EA	Dispose Of Leaking Non-PCB Ballast Removed From >4' To 8' Length Fixtures	3.38	
02 84 16 00-0011	EA	Dispose Of Leaking PCB Ballast Removed From Up To 4' Length Fixtures	6.31	
02 84 16 00-0012	EA	Dispose Of Leaking PCB Ballast Removed From >4' To 8' Length Fixtures	14.42	

02 84 33 Removal and Disposal of Polychlorinate Biphenyls *(02 84)*

02 84 33 00-0001		Removal And Disposal Of Polychlorinate Biphenyls Oil Filled Transformers *(02 84 33)* Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non PCB Note: Includes disposal costs.	1,668.37	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non PCB Note: Includes disposal costs.	2,586.91	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non PCB	797.27	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, PCB Note: Includes disposal costs.	3,027.52	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, PCB	1,718.89	
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, PCB Note: Includes disposal costs.	4,720.26	

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001		Hazardous Waste Packaging *(02 86)*		
02 86 00 00-0002		Overpacks *(02 86 00 00-0001)*		
02 86 00 00-0003		Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*		
02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	192.76	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	109.73	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	105.90	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	66.26	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	52.19	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	35.17	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	31.79	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	28.02	
02 86 00 00-0012		Polyethylene Overpacks *(02 86 00 00-0002)*		
02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	217.74	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	40.24	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	197.02	
02 86 00 00-0016		Composite Overpacks *(02 86 00 00-0002)*		
02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	106.92	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	146.72	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	199.01	
02 86 00 00-0020		DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*		
02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	9.78	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	10.32	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	10.09	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	5.00	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	5.73	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	3.93	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	5.11	
02 86 00 00-0028		Steel Drums *(02 86 00 00-0001)*		
02 86 00 00-0029		UN Rated Steel Drums *(02 86 00 00-0028)*		
02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	65.74	
02 86 00 00-0031	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	62.13	
02 86 00 00-0032	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	50.38	
02 86 00 00-0033	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	39.70	
02 86 00 00-0034	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	46.02	
02 86 00 00-0035	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	39.12	
02 86 00 00-0036	EA	30 Gallon, 17E, Open	28.38	
02 86 00 00-0037	EA	20 Gallon, 17C, Open	39.89	
02 86 00 00-0038	EA	20 Gallon, 17E, Open	26.85	
02 86 00 00-0039	EA	8 Gallon, 17C, Open	35.90	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,069.28	
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,049.26	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	945.14	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,009.21	
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	985.18	
02 86 00 00-0045	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	967.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	871.05	
02 86 00 00-0047	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	762.92	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	744.90	
02 86 00 00-0049	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	730.88	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	658.79	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	620.75	
02 86 00 00-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	596.72	
02 86 00 00-0053	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	570.69	
02 86 00 00-0054	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	550.66	
02 86 00 00-0055	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,043.25	
02 86 00 00-0056	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,023.23	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	923.11	
02 86 00 00-0058	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	875.05	
02 86 00 00-0059	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	967.16	
02 86 00 00-0060	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	949.14	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	855.03	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	810.97	
02 86 00 00-0063	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	51.51	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	45.65	
02 86 00 00-0065	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	39.80	
02 86 00 00-0066	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	35.12	

02 86 00 00-0067 Plastic Drums *(02 86 00 00-0001)*

02 86 00 00-0068 Polyethylene Closed Head Drums *(02 86 00 00-0067)*

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	41.27	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	31.68	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	28.77	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	20.10	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	19.71	

02 86 00 00-0074 Polyethylene Open Head Drums *(02 86 00 00-0067)*

Note: Open head drums are primarily used for solids and sludge.

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	52.16	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	38.35	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	36.44	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	26.85	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	23.01	

02 86 00 00-0080 Fiber Drums *(02 86 00 00-0001)*

02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*

Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	31.60	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	29.61	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	27.00	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	26.69	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	32.52	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	30.68	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	28.38	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	27.46	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	23.78	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	20.25	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	22.09	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	25.77	

02 86 00 00-0094 Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*

02 86 00 00-0095	EA	Load Drums On Disposal Truck	8.19	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	880.06	

02 86 00 00-0097 Transport Drums To Landfill *(02 86 00 00-0001)*

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA	Transport Drum To Landfill Note: Includes transportation for up to 25 miles.	50.86	

02 87 Bio-Hazard Material Remediation *(02 80)*

Note: Tasks includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. See CSI section 01 74 19 00-0037 for hauling in excess of 25 miles

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001 Minimum Charge For Mold Remediation *(02 87 13 33)*

02 87 13 33-0002	EA	Mold Remediation Minimum Show Up Charge Note: For projects where the total mold remediation charge is less than the minimum charge, use task "Minimum Charge For Mold Remediation" exclusively. Task "Minimum Charge For Mold Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	746.32	

02 87 13 33-0003 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*

Note: Treat fittings as additional lf of insulation.

02 87 13 33-0004 Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0003)*

Note: Diameter is outer size of insulation.

02 87 13 33-0005 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0004)*

Note: Excludes encased fittings.

02 87 13 33-0006	LF	Up To 25 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	26.14	
02 87 13 33-0007	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.51	
02 87 13 33-0008	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	14.63	
02 87 13 33-0009	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	10.97	
02 87 13 33-0010	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	8.23	
02 87 13 33-0011	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	7.15	

02 87 13 33-0012 >6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0004)*

02 87 13 33-0013	LF	Up To 25 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	30.06	
02 87 13 33-0014	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	22.43	
02 87 13 33-0015	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	16.82	
02 87 13 33-0016	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.62	
02 87 13 33-0017	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	9.46	
02 87 13 33-0018	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	8.23	

02 87 13 33-0019 Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*

02 87 13 33-0020 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0019)*

02 87 13 33-0021	SF	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	15.77	
02 87 13 33-0022	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	11.22	
02 87 13 33-0023	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	8.41	
02 87 13 33-0024	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	6.31	
02 87 13 33-0025	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	4.83	

02 87 13 33-0026 Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)*

Note: e.g. fireproofing, acoustical plaster, etc.

02 87 13 33-0027 Stucco, Mold Abatement And Disposal *(02 87 13 33-0026)*

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

02 87 13 33-0028	SF	Up To 100 SF, Stucco, Mold Abatement And Disposal	15.77	
02 87 13 33-0029	SF	>100 To 500 SF, Stucco, Mold Abatement And Disposal	11.22	
02 87 13 33-0030	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	8.41	
02 87 13 33-0031	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	6.31	
02 87 13 33-0032	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	4.74	

02 87 13 33-0033 Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0026)*

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

02 87 13 33-0034	SF	Up To 100 SF, Acoustical Plaster, Mold Abatement And Disposal	15.77	
02 87 13 33-0035	SF	>100 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	11.22	
02 87 13 33-0036	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	8.41	
02 87 13 33-0037	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	6.31	
02 87 13 33-0038	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	4.74	

02 87 13 33-0039 Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0026)*

02 87 13 33-0040	SF	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	5.05	
02 87 13 33-0041	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	3.63	
02 87 13 33-0042	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	2.84	
02 87 13 33-0043	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.20	
02 87 13 33-0044	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	1.58	

02 87 13 33-0045 Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0026)*

Note: Exposed surface area, includes associated overspray.

02 87 13 33-0046	SF	Up To 100 SF, Fireproofing, Mold Abatement And Disposal	15.77	
02 87 13 33-0047	SF	>100 To 500 SF, Fireproofing, Mold Abatement And Disposal	15.45	
02 87 13 33-0048	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	11.60	
02 87 13 33-0049	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	8.70	
02 87 13 33-0050	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	6.53	

02 87 13 33-0051 Flooring, Mold Abatement And Disposal *(02 87 13 33)*

Note: Includes cove base.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0052		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0051)*		
02 87 13 33-0053		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0052)* Note: Single layer or first of multiple layers.		
02 87 13 33-0054	SF	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.74	
		For Each Additional Layer, Add	*1.44*	
02 87 13 33-0055	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.60	
		For Each Additional Layer, Add	*0.90*	
02 87 13 33-0056	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.94	
		For Each Additional Layer, Add	*0.49*	
02 87 13 33-0057	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.05	
		For Each Additional Layer, Add	*0.26*	
02 87 13 33-0058	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	0.77	
		For Each Additional Layer, Add	*0.19*	
02 87 13 33-0059		Carpet, Mold Abatement And Disposal *(02 87 13 33-0051)*		
02 87 13 33-0060		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0059)*		
02 87 13 33-0061	SF	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	4.59	
02 87 13 33-0062	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.97	
02 87 13 33-0063	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.80	
02 87 13 33-0064	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.15	
02 87 13 33-0065	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	0.84	
02 87 13 33-0066		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0059)*		
02 87 13 33-0067	SF	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	5.05	
02 87 13 33-0068	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.36	
02 87 13 33-0069	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.41	
02 87 13 33-0070	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	1.87	
02 87 13 33-0071	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	1.40	
02 87 13 33-0072		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0051)*		
02 87 13 33-0073	SF	Up To 100 SF, Subflooring, Mold Abatement And Disposal	6.68	
02 87 13 33-0074	SF	>100 To 500 SF, Subflooring, Mold Abatement And Disposal	4.18	
02 87 13 33-0075	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	2.61	
02 87 13 33-0076	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	1.50	
02 87 13 33-0077	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	0.90	
02 87 13 33-0078		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0079		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0078)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0080	SF	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.05	
02 87 13 33-0081	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.59	
02 87 13 33-0082	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.47	
02 87 13 33-0083	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.37	
02 87 13 33-0084	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.01	
02 87 13 33-0085		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0078)*		
02 87 13 33-0086	SF	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	7.00	
02 87 13 33-0087	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	4.50	
02 87 13 33-0088	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	3.07	
02 87 13 33-0089	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.02	
02 87 13 33-0090	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	1.80	
02 87 13 33-0091		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0092		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0091)*		
02 87 13 33-0093	CF	Up To 10 CF, Contaminated Debris, Mold Abatement And Disposal	29.08	
02 87 13 33-0094	CF	>10 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	17.45	
02 87 13 33-0095	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	11.63	
02 87 13 33-0096	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	8.72	
02 87 13 33-0097	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	6.98	
02 87 13 33-0098	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.81	
02 87 13 33-0099	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.43	
02 87 13 33-0100		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 87 13 33-0101 Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0100)*
Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.

02 87 13 33-0102	LF	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	2.83	
02 87 13 33-0103	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	2.03	
02 87 13 33-0104	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	1.49	
02 87 13 33-0105	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.14	
02 87 13 33-0106	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	0.85	

02 87 13 33-0107 Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0100)*
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.

02 87 13 33-0108	SF	Up To 200 SF, Ceiling Tile, Mold Abatement And Disposal	8.41	
02 87 13 33-0109	SF	>200 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	6.31	
02 87 13 33-0110	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	2.87	
02 87 13 33-0111	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.02	
02 87 13 33-0112	SF	>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	1.80	

02 87 13 33-0113 Caulking, Mold Abatement And Disposal *(02 87 13 33-0100)*

02 87 13 33-0114	LF	Up To 10 LF, Caulking, Mold Abatement And Disposal	2.97	
02 87 13 33-0115	LF	>10 To 50 LF, Caulking, Mold Abatement And Disposal	2.52	
02 87 13 33-0116	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	1.80	
02 87 13 33-0117	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.36	
02 87 13 33-0118	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.01	
02 87 13 33-0119	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	0.82	
02 87 13 33-0120	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	0.70	

02 87 13 33-0121 Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0100)*

02 87 13 33-0122	CSF	Wipe Down Floors With Mild Bleach Solution	14.02	
02 87 13 33-0123	CSF	Wipe Down Walls With Mild Bleach Solution	16.49	
02 87 13 33-0124	CSF	Wipe Down Ceilings With Mild Bleach Solution	18.76	
02 87 13 33-0125	CSF	Wipe Down Countertops With Mild Bleach Solution	15.29	
02 87 13 33-0126	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	19.40	

02 87 13 33-0127 Cabinets *(02 87 13 33-0100)*

02 87 13 33-0128	LF	Up To 20 LF, Base Cabinet, Mold Abatement And Disposal	51.71	
02 87 13 33-0129	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	36.50	
02 87 13 33-0130	LF	Up To 20 LF, Wall Cabinet, Mold Abatement And Disposal	45.63	
02 87 13 33-0131	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	30.41	

02 87 16 Excrement Removal *(02 87)*

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*
Note: In addition to items listed the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	504.50	
		For Work In Restricted Working Space, Add		*151.35*
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	8.41	
		For Work In Restricted Working Space, Add		*2.52*
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	7.65	
		For Work In Restricted Working Space, Add		*2.30*
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	6.95	
		For Work In Restricted Working Space, Add		*2.09*
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	6.32	
		For Work In Restricted Working Space, Add		*1.90*

02 89 Hazmat Ancillary Tasks And Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*
Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers/Infectious Control *(02 89 00 00-0001)*
Note: Use framing task with applicable barrier task. See CSI section 01 56 16 00-0018 for temporary stud walls.

02 89 00 00-0003	SF	Framing for Isolation Barrier, Metal Construction	2.50	
02 89 00 00-0004	SF	1/2" Plywood For Solid Isolation Barrier	2.95	
02 89 00 00-0005	SF	6 Mil Plastic Sheeting For Separation Barrier	0.31	
02 89 00 00-0006	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, For Separation Barrier	0.66	
02 89 00 00-0007	EA	7' Zipper Door For Plastic Sheeting	17.10	
02 89 00 00-0008	SF	1/2" Drywall For Solid Isolation Barrier	1.39	
02 89 00 00-0009	SF	5/8" Drywall For Solid Isolation Barrier	1.54	
02 89 00 00-0010	SF	Relocate Isolation Barrier	1.69	

02 89 00 00-0011 Cleaning Surfaces *(02 89 00 00-0001)*
Note: Other surfaces within contamination area but not contaminated by, or part of removal.

02 89 00 00-0012	SF	Up To 100 SF, Clean Asbestos Surface	1.22	
02 89 00 00-0013	SF	>100 To 500 SF, Clean Asbestos Surface	0.86	
02 89 00 00-0014	SF	>500 To 1,000 SF, Clean Asbestos Surface	0.56	
02 89 00 00-0015	SF	>1,000 SF, Clean Asbestos Surface	0.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 89 00 00-0016		Hazmat Containment Construction *(02 89 00 00-0001)*		
02 89 00 00-0017	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.32	
02 89 00 00-0018	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.41	
02 89 00 00-0019	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.55	
02 89 00 00-0020	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors, Hazmat Containment Construction	0.49	
02 89 00 00-0021	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.63	
02 89 00 00-0022	SF	6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.84	
02 89 00 00-0023		Decontamination Chambers *(02 89)*		
		Note: Includes removal after use.		
02 89 00 00-0024	EA	Portable Personnel Decontamination Wash Facility (3 Stage)	614.47	
		Note: Includes connection to negative air system.		
		For Dismantling And Relocation To A Different Area, Add	*385.23*	
02 89 00 00-0025	EA	Portable Waste Decontamination Unit	393.33	
		Note: Includes connection to negative air system.		
		For Dismantling And Relocation To A Different Area, Add	*278.71*	

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning And Emergency Clean-up *(02 90)*

02 90 50 00-0001		Non-Mold Contaminated Wet Material Removal *(02 90 50)*		
		Note: For materials that do not require mold abatement.		
02 90 50 00-0002	SY	Wet Broadloom Carpet Removal	7.19	
02 90 50 00-0003	SY	Wet Carpet Tile Removal	1.75	
02 90 50 00-0004	SF	Wet Batt Insulation Removal	0.15	
02 90 50 00-0005	SF	Wet Ceiling Tile Removal	0.18	
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal	0.17	
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal	0.27	
02 90 50 00-0008		Cleaning *(02 90 50)*		
		Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required		
02 90 50 00-0009		Clean Furnishings *(02 90 50 00-0008)*		
02 90 50 00-0010	EA	Office Equipment, Exterior Wipe	25.86	
		For Medium Clean, Add	*10.86*	
		For Heavy Clean, Add	*33.62*	
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean	1.44	
		For Medium Clean, Add	*0.60*	
		For Heavy Clean, Add	*1.87*	
02 90 50 00-0012	LF	Shelving, Light Clean	2.59	
		For Medium Clean, Add	*1.09*	
		For Heavy Clean, Add	*3.37*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean	7.47	
		For Medium Clean, Add	*3.14*	
		For Heavy Clean, Add	*9.71*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean	24.14	
		For Medium Clean, Add	*10.14*	
		For Heavy Clean, Add	*31.38*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean	148.86	
		For Medium Clean, Add	*62.52*	
		For Heavy Clean, Add	*193.52*	
02 90 50 00-0016	EA	Desk, Light Clean	30.46	
		For Medium Clean, Add	*12.79*	
		For Heavy Clean, Add	*39.60*	
02 90 50 00-0017	EA	Table, Light Clean	28.74	
		For Medium Clean, Add	*12.07*	
		For Heavy Clean, Add	*37.36*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean	6.30	
		For Medium Clean, Add	*2.65*	
		For Heavy Clean, Add	*8.19*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean	8.06	
		For Medium Clean, Add	*3.39*	
		For Heavy Clean, Add	*10.48*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean	6.61	
		For Medium Clean, Add	*2.78*	
		For Heavy Clean, Add	*8.59*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean	12.93	
		For Medium Clean, Add	*5.43*	
		For Heavy Clean, Add	*16.81*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean	6.61	
		For Medium Clean, Add	*2.78*	
		For Heavy Clean, Add	*8.59*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean	11.50	
		For Medium Clean, Add	*4.83*	
		For Heavy Clean, Add	*14.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean	2.76	
		For Medium Clean, Add	*1.16*	
		For Heavy Clean, Add	*3.59*	

02 90 50 00-0025 Clean Hard Surfaces *(02 90 50 00-0008)*

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean	0.38	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.49*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean	4.89	
		For Medium Clean, Add	*2.05*	
		For Heavy Clean, Add	*6.36*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean	5.55	
		For Medium Clean, Add	*2.33*	
		For Heavy Clean, Add	*7.22*	
02 90 50 00-0029	SF	Overhead Door, Light Clean	0.39	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.51*	
02 90 50 00-0030	SF	Mirror, Light Clean	0.29	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.38*	
02 90 50 00-0031	SF	Window, Light Clean	0.85	
		For Medium Clean, Add	*0.36*	
		For Heavy Clean, Add	*1.11*	
02 90 50 00-0032	LF	Handrail, Light Clean	0.75	
		For Medium Clean, Add	*0.32*	
		For Heavy Clean, Add	*0.98*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean	0.40	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.52*	
02 90 50 00-0034	SF	Hard Floor, Light Clean	0.33	
		For Medium Clean, Add	*0.14*	
		For Heavy Clean, Add	*0.43*	
02 90 50 00-0035	SF	Carpet, Light Clean	0.34	
		For Medium Clean, Add	*0.14*	
		For Heavy Clean, Add	*0.44*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean	0.27	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.35*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean	0.29	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.38*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean	0.24	
		For Medium Clean, Add	*0.10*	
		For Heavy Clean, Add	*0.31*	
02 90 50 00-0039	SF	Wall, Light Clean	0.17	
		For Medium Clean, Add	*0.07*	
		For Heavy Clean, Add	*0.22*	
02 90 50 00-0040	SF	Masonry Wall, Light Clean	0.24	
		For Medium Clean, Add	*0.10*	
		For Heavy Clean, Add	*0.31*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	60.62	
		For Medium Clean, Add	*25.46*	
		For Heavy Clean, Add	*78.81*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	75.76	
		For Medium Clean, Add	*31.82*	
		For Heavy Clean, Add	*98.49*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean Note: Includes removal from site, cleaning, and return.	90.92	
		For Medium Clean, Add	*38.19*	
		For Heavy Clean, Add	*118.20*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean	106.07	
		For Medium Clean, Add	*44.55*	
		For Heavy Clean, Add	*137.89*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean	0.66	
		For Medium Clean, Add	*0.28*	
		For Heavy Clean, Add	*0.86*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean	1.34	
		For Medium Clean, Add	*0.56*	
		For Heavy Clean, Add	*1.74*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean	1.55	
		For Medium Clean, Add	*0.65*	
		For Heavy Clean, Add	*2.02*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean	1.42	
		For Medium Clean, Add	*0.60*	
		For Heavy Clean, Add	*1.85*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean	1.63	
		For Medium Clean, Add	*0.68*	
		For Heavy Clean, Add	*2.12*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean	1.73	
		For Medium Clean, Add	*0.73*	
		For Heavy Clean, Add	*2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean	1.99	
		For Medium Clean, Add	*0.84*	
		For Heavy Clean, Add	*2.59*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean	11.91	
		For Medium Clean, Add	*5.00*	
		For Heavy Clean, Add	*15.48*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean	28.06	
		For Medium Clean, Add	*11.79*	
		For Heavy Clean, Add	*36.48*	
02 90 50 00-0056	EA	Range, Outside, Light Clean	24.25	
		For Medium Clean, Add	*10.19*	
		For Heavy Clean, Add	*31.53*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean	17.24	
		For Medium Clean, Add	*7.24*	
		For Heavy Clean, Add	*22.41*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean	17.41	
		For Medium Clean, Add	*7.31*	
		For Heavy Clean, Add	*22.63*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean	7.99	
		For Medium Clean, Add	*3.36*	
		For Heavy Clean, Add	*10.39*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

02 90 50 00-0062	LF	Baseboard Heater, Light Clean	5.15	
		For Medium Clean, Add	*2.16*	
		For Heavy Clean, Add	*6.70*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean	14.37	
		For Medium Clean, Add	*6.04*	
		For Heavy Clean, Add	*18.68*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean	55.18	
		For Medium Clean, Add	*23.18*	
		For Heavy Clean, Add	*71.73*	
02 90 50 00-0065	EA	Grille/Register, Light Clean	5.17	
		For Medium Clean, Add	*2.17*	
		For Heavy Clean, Add	*6.72*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean	35.83	
		For Medium Clean, Add	*15.05*	
		For Heavy Clean, Add	*46.58*	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean	31.90	
		For Medium Clean, Add	*13.40*	
		For Heavy Clean, Add	*41.47*	

02 90 50 00-0068 Clean Electrical *(02 90 50 00-0008)*

02 90 50 00-0069	EA	Electric Fan, Light Clean	21.27	
		For Medium Clean, Add	*8.93*	
		For Heavy Clean, Add	*27.65*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean	22.99	
		For Medium Clean, Add	*9.66*	
		For Heavy Clean, Add	*29.89*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean	29.89	
		For Medium Clean, Add	*12.55*	
		For Heavy Clean, Add	*38.86*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean	20.98	
		For Medium Clean, Add	*8.81*	
		For Heavy Clean, Add	*27.27*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean	13.79	
		For Medium Clean, Add	*5.79*	
		For Heavy Clean, Add	*17.93*	
02 90 50 00-0074	EA	Light Fixture, Light Clean	6.32	
		For Medium Clean, Add	*2.65*	
		For Heavy Clean, Add	*8.22*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean	4.89	
		For Medium Clean, Add	*2.05*	
		For Heavy Clean, Add	*6.36*	
02 90 50 00-0076	EA	Thermostat, Light Clean	1.72	
		For Medium Clean, Add	*0.72*	
		For Heavy Clean, Add	*2.24*	

02 90 50 00-0077 Thermal Fog *(02 90 50 00-0008)*

02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog	0.02	

02 90 50 00-0079 Contents Manipulation *(02 90 50)*

02 90 50 00-0080	SF	Cover Contents With Plastic	0.21	
02 90 50 00-0081	SF	Floor Protection - Adhesive Film	0.24	
02 90 50 00-0082	SF	Move Contents Out And Later Reset	0.46	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer	112.03	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer	148.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer	133.69	

02 90 50 00-0086 Water Emergency Clean-up *(02 90 50)*

02 90 50 00-0087	LF	Detach Baseboard	0.61	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard	1.09	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture)	3.99	
02 90 50 00-0090	SF	Water Extraction From Floor	0.41	
02 90 50 00-0091	SF	Gray Water Extraction From Floor	0.67	
02 90 50 00-0092	SF	Black Water Extraction From Floor	1.06	
02 90 50 00-0093	SF	Tear Out Wet Non Salvageable Carpet	0.34	
02 90 50 00-0094	SF	Tear Out Wet Non Salvageable Carpet, Black Water	0.40	
02 90 50 00-0095	SF	Tear Out Wet Non Salvageable Glue Down Carpet	0.59	
02 90 50 00-0096	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water	0.87	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring	0.82	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water	1.20	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water	3.10	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring	1.52	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water	2.23	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile	0.25	
02 90 50 00-0103	SF	Tear Out Batt Insulation	0.25	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board	0.43	
02 90 50 00-0105	SF	Apply Antimicrobial Agent	0.19	
02 90 50 00-0106	SF	HEPA Vacuuming	0.33	

02 90 50 00-0107 Emergency Clean-up Labor *(02 90 50)*

Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0108	HR	Cleaning And Emergency Clean Up - General Laborer (Unskilled)	24.30	
02 90 50 00-0109	HR	Cleaning And Emergency Clean Up - General Laborer (Skilled)	32.40	
02 90 50 00-0110	HR	Cleaning And Emergency Clean Up - Skilled Tradesman	59.40	
02 90 50 00-0111	HR	Cleaning And Emergency Clean Up - Restoration Laborer	37.80	
02 90 50 00-0112	HR	Cleaning And Emergency Clean Up - Restoration Technician	48.60	
02 90 50 00-0113	HR	Cleaning And Emergency Clean Up - Restoration Supervisor	70.20	
02 90 50 00-0114	HR	Cleaning And Emergency Clean Up - Restoration Project Manager	97.20	
02 90 50 00-0115	HR	Cleaning And Emergency Clean Up - Assistant Project Manager	81.00	
02 90 50 00-0116	HR	Cleaning And Emergency Clean Up - Project Manager	102.60	
02 90 50 00-0117	HR	Cleaning And Emergency Clean Up - Project Director	156.60	
02 90 50 00-0118	HR	Cleaning And Emergency Clean Up - Resource Coordinator	48.60	
02 90 50 00-0119	HR	Cleaning And Emergency Clean Up - Project Accountant	81.00	
02 90 50 00-0120	HR	Cleaning And Emergency Clean Up - Corrosion Technician	70.20	
02 90 50 00-0121	HR	Cleaning And Emergency Clean Up - Sr. Corrosion Technician	81.00	
02 90 50 00-0122	HR	Cleaning And Emergency Clean Up - Certified Mold Technician	71.28	
02 90 50 00-0123	HR	Cleaning And Emergency Clean Up - Certified Mold Supervisor	81.00	
02 90 50 00-0124	HR	Cleaning And Emergency Clean Up - Clerical	37.80	
02 90 50 00-0125	HR	Cleaning And Emergency Clean Up - Biohazard Technician	81.00	
02 90 50 00-0126	HR	Cleaning And Emergency Clean Up - Biohazard Supervisor	97.20	
02 90 50 00-0127	HR	Cleaning And Emergency Clean Up - Health And Safety Officer	75.60	
02 90 50 00-0128	HR	Cleaning And Emergency Clean Up - Resource And Logistics Coordinator	54.00	
02 90 50 00-0129	HR	Cleaning And Emergency Clean Up - Restoration Consultant	156.60	

02 90 50 00-0130 Emergency Clean-up Equipment *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0131 General Emergency Clean-up Equipment *(02 90 50 00-0130)*

02 90 50 00-0132	DAY	Air Compressor	48.97	
02 90 50 00-0133	DAY	Buffer - Floor	32.65	
02 90 50 00-0134	DAY	Carpet Cleaning Machine - Portable	77.09	
02 90 50 00-0135	DAY	Chain Saw	49.20	
02 90 50 00-0136	EA	Cleaning Kit With Mop, Broom And Bucket	54.09	
02 90 50 00-0137	DAY	Cut Off Saw	84.08	
02 90 50 00-0138	DAY	Dry Cleaning Unit - Portable	92.51	
02 90 50 00-0139	DAY	Extension Cords - 220 Volt	30.05	
02 90 50 00-0140	DAY	Extension Cords - 220 Volt Converter Box	18.03	
02 90 50 00-0141	DAY	Demolition Cart, 7 Yard	48.97	
02 90 50 00-0142	EA	Demolition Kit With Wheel Barrow, Shovel And Broom	90.15	
02 90 50 00-0143	DAY	Dry-Ice Blasting System	1,000.66	
02 90 50 00-0144	DAY	Fogger - Mist	27.21	
02 90 50 00-0145	DAY	Fogger - Electric Thermal	39.18	
02 90 50 00-0146	DAY	Fogger - Gas Power Thermal	97.95	
02 90 50 00-0147	JOB	Gang Box, Demo/Framing (One Time Per Job)	70.74	
02 90 50 00-0148	DAY	Hand Trucks/Dollies	14.42	
02 90 50 00-0149	DAY	Heat Gun - Shrinkwrap	77.09	
02 90 50 00-0150	DAY	HEPA Negative Air Machine Note: Includes all filters.	114.02	
02 90 50 00-0151	DAY	Ladder	20.43	
02 90 50 00-0152	DAY	Lights - Demo, Drop, Stand, String	19.59	
02 90 50 00-0153	DAY	Lights - Wobble	23.94	
02 90 50 00-0154	DAY	Moisture Meter	21.59	
02 90 50 00-0155	DAY	Nail Gun	54.09	
02 90 50 00-0156	DAY	Ozone Generator	127.97	
02 90 50 00-0157	DAY	PPE (Personal Protective Equipment) Mold Remediation Related	72.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0158	DAY	Portable Generator, Up To 7,500 Watts	108.83	
02 90 50 00-0159	DAY	Pressure Washer, Hot	127.97	
02 90 50 00-0160	DAY	Pressure Washer, Cold	102.79	
02 90 50 00-0161	DAY	Scaffolding - Per Section	78.13	
02 90 50 00-0162	DAY	Small Tools - Tool Box	30.05	
02 90 50 00-0163	DAY	Soda Blasting Equipment	992.95	
02 90 50 00-0164	DAY	Sprayer - Hudson	9.62	
02 90 50 00-0165	DAY	Sprayer - Industrial Airless	83.77	
02 90 50 00-0166	DAY	Storage Space (Per SF Per Day)	2.33	
02 90 50 00-0167	DAY	Submersible Pump	27.21	
02 90 50 00-0168	DAY	Trash Pump - 2" Gas Powered	142.88	
02 90 50 00-0169	DAY	Vehicle, Pick-up, SUV, Car	70.93	
02 90 50 00-0170	DAY	Vehicle, Van	115.64	
02 90 50 00-0171	DAY	Vehicle, 16' Or 24' Box Truck (Inclusive Of Mileage)	136.04	
02 90 50 00-0172	DAY	Trailer - Refrigerated 40' Storage	153.67	
02 90 50 00-0173	DAY	Trailer - Utility (Inclusive Of Mileage)	127.97	
02 90 50 00-0174	DAY	Truck Mount, Per Wand Extraction	577.17	
02 90 50 00-0175	DAY	Vacuum - Backpack	27.21	
02 90 50 00-0176	DAY	Vacuum - Shop Vacuum	27.21	
02 90 50 00-0177	DAY	Vacuum - Commercial	81.62	
02 90 50 00-0178	DAY	Vacuum - HEPA Industrial	92.51	
02 90 50 00-0179	DAY	Vacuum - Upright	16.96	
02 90 50 00-0180	DAY	Zip Walls (Per 2 Poles)	27.21	
02 90 50 00-0181	DAY	2 Way Radio	21.77	

02 90 50 00-0182 Technical/Electronics Restoration Equipment *(02 90 50 00-0130)*

02 90 50 00-0183	DAY	Computer - Diagnostic	30.05	
02 90 50 00-0184	WK	Computer - Diagnostic	82.64	
02 90 50 00-0185	MO	Computer - Diagnostic	225.38	
02 90 50 00-0186	DAY	Convection Oven - Large	448.68	
02 90 50 00-0187	WK	Convection Oven - Large	1,233.87	
02 90 50 00-0188	MO	Convection Oven - Large	3,365.09	
02 90 50 00-0189	DAY	Convection Oven - Small	108.18	
02 90 50 00-0190	WK	Convection Oven - Small	297.50	
02 90 50 00-0191	MO	Convection Oven - Small	811.35	
02 90 50 00-0192	DAY	Convection Oven - Vacuum	640.38	
02 90 50 00-0193	WK	Convection Oven - Vacuum	1,761.05	
02 90 50 00-0194	MO	Convection Oven - Vacuum	4,802.86	
02 90 50 00-0195	DAY	Decontamination Booth	529.37	
02 90 50 00-0196	WK	Decontamination Booth	1,455.76	
02 90 50 00-0197	MO	Decontamination Booth	3,970.26	
02 90 50 00-0198	DAY	DI Water System	41.12	
02 90 50 00-0199	WK	DI Water System	113.07	
02 90 50 00-0200	MO	DI Water System	308.37	
02 90 50 00-0201	DAY	ESD Bench Workstation	25.18	
02 90 50 00-0202	WK	ESD Bench Workstation	69.25	
02 90 50 00-0203	MO	ESD Bench Workstation	188.88	
02 90 50 00-0204	DAY	Heater/Enclosure Control System	18.03	
02 90 50 00-0205	WK	Heater/Enclosure Control System	49.58	
02 90 50 00-0206	MO	Heater/Enclosure Control System	135.22	
02 90 50 00-0207	DAY	Hi-Tech Mobile Cart/Workstation	64.76	
02 90 50 00-0208	WK	Hi-Tech Mobile Cart/Workstation	178.08	
02 90 50 00-0209	MO	Hi-Tech Mobile Cart/Workstation	485.68	
02 90 50 00-0210	DAY	Micro-Blaster/Dust Collector	270.45	
02 90 50 00-0211	WK	Micro-Blaster/Dust Collector	743.74	
02 90 50 00-0212	MO	Micro-Blaster/Dust Collector	2,028.38	
02 90 50 00-0213	DAY	Mobile Laboratory	751.25	
02 90 50 00-0214	WK	Mobile Laboratory	2,065.94	
02 90 50 00-0215	MO	Mobile Laboratory	5,634.38	
02 90 50 00-0216	DAY	Nitrogen Enclosure Cabinet	14.42	
02 90 50 00-0217	WK	Nitrogen Enclosure Cabinet	39.67	
02 90 50 00-0218	MO	Nitrogen Enclosure Cabinet	108.18	
02 90 50 00-0219	DAY	Odell Cleaning Station	420.70	
02 90 50 00-0220	WK	Odell Cleaning Station	1,156.92	
02 90 50 00-0221	MO	Odell Cleaning Station	3,155.25	
02 90 50 00-0222	DAY	Parts Washer	30.05	
02 90 50 00-0223	WK	Parts Washer	82.64	
02 90 50 00-0224	MO	Parts Washer	225.38	
02 90 50 00-0225	DAY	Ultrasonic Cleaning System	192.73	
02 90 50 00-0226	WK	Ultrasonic Cleaning System	530.01	
02 90 50 00-0227	MO	Ultrasonic Cleaning System	1,445.48	
02 90 50 00-0228	DAY	Vacuum - HEPA Technical	102.79	
02 90 50 00-0229	WK	Vacuum - HEPA Technical	282.67	
02 90 50 00-0230	MO	Vacuum - HEPA Technical	770.92	

02 90 50 00-0231 Drying/Dehumidification Equipment *(02 90 50 00-0130)*

02 90 50 00-0232	DAY	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	136.04	
02 90 50 00-0233	WK	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	374.11	
02 90 50 00-0234	MO	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,020.30	
02 90 50 00-0235	DAY	2,200 CFM Centrifugal Air Mover	29.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0236	WK	2,200 CFM Centrifugal Air Mover	81.24	
02 90 50 00-0237	MO	2,200 CFM Centrifugal Air Mover	221.55	
02 90 50 00-0238	DAY	3,000 CFM Axial Air Mover	49.23	
02 90 50 00-0239	WK	3,000 CFM Axial Air Mover	135.39	
02 90 50 00-0240	MO	3,000 CFM Axial Air Mover	369.25	
02 90 50 00-0241	DAY	Injectidry System	134.65	
02 90 50 00-0242	WK	Injectidry System	370.30	
02 90 50 00-0243	MO	Injectidry System	1,009.91	
02 90 50 00-0244	DAY	1200 Drizair Refrigerant Dehumidifier	108.83	
02 90 50 00-0245	WK	1200 Drizair Refrigerant Dehumidifier	299.29	
02 90 50 00-0246	MO	1200 Drizair Refrigerant Dehumidifier	816.24	
02 90 50 00-0247	DAY	2000 Drizair Refrigerant Dehumidifier	150.25	
02 90 50 00-0248	WK	2000 Drizair Refrigerant Dehumidifier	413.19	
02 90 50 00-0249	MO	2000 Drizair Refrigerant Dehumidifier	1,126.88	
02 90 50 00-0250	DAY	2400 Drizair Refrigerant Dehumidifier	150.29	
02 90 50 00-0251	WK	2400 Drizair Refrigerant Dehumidifier	413.30	
02 90 50 00-0252	MO	2400 Drizair Refrigerant Dehumidifier	1,127.19	
02 90 50 00-0253	DAY	Phoenix 200 Refrigerant Dehumidifier	160.66	
02 90 50 00-0254	WK	Phoenix 200 Refrigerant Dehumidifier	441.81	
02 90 50 00-0255	MO	Phoenix 200 Refrigerant Dehumidifier	1,204.93	
02 90 50 00-0256	DAY	Phoenix 300 Refrigerant Dehumidifier	155.00	
02 90 50 00-0257	WK	Phoenix 300 Refrigerant Dehumidifier	426.25	
02 90 50 00-0258	MO	Phoenix 300 Refrigerant Dehumidifier	1,162.50	
02 90 50 00-0259	DAY	D-500 Desiccant Dehumidifier	181.39	
02 90 50 00-0260	WK	D-500 Desiccant Dehumidifier	498.82	
02 90 50 00-0261	MO	D-500 Desiccant Dehumidifier	1,360.41	
02 90 50 00-0262	DAY	D-750 Desiccant Dehumidifier	380.91	
02 90 50 00-0263	WK	D-750 Desiccant Dehumidifier	1,047.51	
02 90 50 00-0264	MO	D-750 Desiccant Dehumidifier	2,856.85	
02 90 50 00-0265	DAY	D-1000 Desiccant Dehumidifier	653.00	
02 90 50 00-0266	WK	D-1000 Desiccant Dehumidifier	1,795.74	
02 90 50 00-0267	MO	D-1000 Desiccant Dehumidifier	4,897.46	
02 90 50 00-0268	DAY	D-1500 Desiccant Dehumidifier	866.01	
02 90 50 00-0269	WK	D-1500 Desiccant Dehumidifier	2,381.52	
02 90 50 00-0270	MO	D-1500 Desiccant Dehumidifier	6,495.04	
02 90 50 00-0271	DAY	D-2000 Desiccant Dehumidifier	1,005.40	
02 90 50 00-0272	WK	D-2000 Desiccant Dehumidifier	2,764.86	
02 90 50 00-0273	MO	D-2000 Desiccant Dehumidifier	7,540.54	
02 90 50 00-0274	DAY	D-2250 Desiccant Dehumidifier	1,032.01	
02 90 50 00-0275	WK	D-2250 Desiccant Dehumidifier	2,838.03	
02 90 50 00-0276	MO	D-2250 Desiccant Dehumidifier	7,740.09	
02 90 50 00-0277	DAY	D-3000 Desiccant Dehumidifier	1,305.99	
02 90 50 00-0278	WK	D-3000 Desiccant Dehumidifier	3,591.47	
02 90 50 00-0279	MO	D-3000 Desiccant Dehumidifier	9,794.92	
02 90 50 00-0280	DAY	D-4500 Desiccant Dehumidifier	1,398.46	
02 90 50 00-0281	WK	D-4500 Desiccant Dehumidifier	3,845.76	
02 90 50 00-0282	MO	D-4500 Desiccant Dehumidifier	10,488.43	
02 90 50 00-0283	DAY	D-5000 Desiccant Dehumidifier	1,577.55	
02 90 50 00-0284	WK	D-5000 Desiccant Dehumidifier	4,338.27	
02 90 50 00-0285	MO	D-5000 Desiccant Dehumidifier	11,831.65	
02 90 50 00-0286	DAY	D-9000 Desiccant Dehumidifier	2,073.00	
02 90 50 00-0287	WK	D-9000 Desiccant Dehumidifier	5,700.75	
02 90 50 00-0288	MO	D-9000 Desiccant Dehumidifier	15,547.50	
02 90 50 00-0289	DAY	D-10500 Desiccant Dehumidifier	2,176.65	
02 90 50 00-0290	WK	D-10500 Desiccant Dehumidifier	5,985.79	
02 90 50 00-0291	MO	D-10500 Desiccant Dehumidifier	16,324.88	
02 90 50 00-0292	DAY	DX Unit - Heating / Air Conditioning (3.5 Ton)	353.71	
02 90 50 00-0293	WK	DX Unit - Heating / Air Conditioning (3.5 Ton)	972.69	
02 90 50 00-0294	MO	DX Unit - Heating / Air Conditioning (3.5 Ton)	2,652.79	
02 90 50 00-0295	DAY	DX Unit - Heating / Air Conditioning (5 Ton)	489.75	
02 90 50 00-0296	WK	DX Unit - Heating / Air Conditioning (5 Ton)	1,346.80	
02 90 50 00-0297	MO	DX Unit - Heating / Air Conditioning (5 Ton)	3,673.10	
02 90 50 00-0298	DAY	DX Unit - Heating / Air Conditioning (10 Ton)	653.00	
02 90 50 00-0299	WK	DX Unit - Heating / Air Conditioning (10 Ton)	1,795.74	
02 90 50 00-0300	MO	DX Unit - Heating / Air Conditioning (10 Ton)	4,897.46	
02 90 50 00-0301	DAY	DX Unit - Heating / Air Conditioning (25 Ton)	870.66	
02 90 50 00-0302	WK	DX Unit - Heating / Air Conditioning (25 Ton)	2,394.32	
02 90 50 00-0303	MO	DX Unit - Heating / Air Conditioning (25 Ton)	6,529.95	
02 90 50 00-0304	DAY	DX Unit - Heating / Air Conditioning (50 Ton)	1,469.24	
02 90 50 00-0305	WK	DX Unit - Heating / Air Conditioning (50 Ton)	4,040.41	
02 90 50 00-0306	MO	DX Unit - Heating / Air Conditioning (50 Ton)	11,019.29	
02 90 50 00-0307	DAY	DX Unit - Heating / Air Conditioning (80 Ton)	1,632.49	
02 90 50 00-0308	WK	DX Unit - Heating / Air Conditioning (80 Ton)	4,489.34	
02 90 50 00-0309	MO	DX Unit - Heating / Air Conditioning (80 Ton)	12,243.66	
02 90 50 00-0310	DAY	Flex Duct - 25'	21.77	
02 90 50 00-0311	WK	Flex Duct - 25'	59.86	
02 90 50 00-0312	MO	Flex Duct - 25'	163.25	
02 90 50 00-0313	DAY	Hygro Thermograph	30.05	
02 90 50 00-0314	WK	Hygro Thermograph	82.64	
02 90 50 00-0315	MO	Hygro Thermograph	225.38	
02 90 50 00-0316	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	4,761.42	
02 90 50 00-0317	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	13,093.91	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0318	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	35,710.66	

02 90 50 00-0319 Power Equipment *(02 90 50 00-0130)*

02 90 50 00-0320	WK	Generator, Up to 65 KVA	875.84	
02 90 50 00-0321	WK	Generator, Up to 125 KVA	932.85	
02 90 50 00-0322	WK	Generator, Up to 250 KVA	1,033.91	
02 90 50 00-0323	WK	Generator, Up to 375 KVA	1,710.22	
02 90 50 00-0324	WK	Generator, Up to 440 KVA	2,694.90	
02 90 50 00-0325	WK	Generator, Up to 625 KVA	3,627.75	
02 90 50 00-0326	WK	Generator, Up to 800 KVA	4,379.21	
02 90 50 00-0327	WK	Generator, Up to 1,000 KVA	5,001.11	
02 90 50 00-0328	WK	Generator, Up to 1,500 KVA	5,700.75	
02 90 50 00-0329	EA	Generator Cable/Pigtails (Per Section)	17.41	
02 90 50 00-0330	EA	Sub-Distribution Panel (Spider Box)	77.09	
02 90 50 00-0331	EA	Electrical Distribution Panel	192.73	
02 90 50 00-0332	EA	Quad Box Strings (25' Sections)	31.35	
02 90 50 00-0333	EA	50' Power Cord For Spider Box	29.02	
02 90 50 00-0334	EA	Pig Tails (Per Each)	3.00	

02 90 50 00-0335 Freight Charges *(02 90 50 00-0130)*

02 90 50 00-0336	MI	Freight Up To 1 Ton Pick Up Truck	1.50	
02 90 50 00-0337	MI	Freight >1 Ton Pick Up Truck	2.70	
02 90 50 00-0338	MI	Freight 16' Or 24' Box Truck	2.70	
02 90 50 00-0339	MI	Freight Tractor Trailer	3.91	

02 90 50 00-0340 Emergency Clean-up Personal Protection Equipment *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0341	EA	Tyvek Suit	9.01	
02 90 50 00-0342	EA	Cartridge - Respirator	16.96	
02 90 50 00-0343	BOX	Dust Mask	35.09	
02 90 50 00-0344	PR	Gloves - Cotton	2.31	
02 90 50 00-0345	BOX	Gloves - Latex	14.69	
02 90 50 00-0346	PR	Gloves - Leather	8.17	
02 90 50 00-0347	EA	Gloves - Rubber (Heavy Duty)	5.45	
02 90 50 00-0348	PR	Polycarbonate Lens Safety Goggles	8.89	
02 90 50 00-0349	EA	Respirator - With One Pair Cartridges	74.56	
02 90 50 00-0350	PR	Safety Glasses	3.89	
02 90 50 00-0351	EA	Safety Harness (Per Person/Day)	5.44	

02 90 50 00-0352 Emergency Clean-up Expendables *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0353 General Materials *(02 90 50 00-0352)*

02 90 50 00-0354	GAL	Adhesive Remover	81.62	
02 90 50 00-0355	GAL	Bio-HS	25.61	
02 90 50 00-0356	GAL	Biocide	32.68	
02 90 50 00-0357	EA	Box - Book	4.30	
02 90 50 00-0358	EA	Box - Large	6.74	
02 90 50 00-0359	GAL	Bleach	8.78	
02 90 50 00-0360	EA	Brush - Stainless - Small	5.14	
02 90 50 00-0361	EA	Buckets - 2 ½ Gal	6.35	
02 90 50 00-0362	EA	Buckets - 5 Gallon	9.62	
02 90 50 00-0363	GAL	Carpet Defoamer	24.74	
02 90 50 00-0364	GAL	Carpet Pre-treat	19.02	
02 90 50 00-0365	GAL	Carpet Spotter	31.86	
02 90 50 00-0366	GAL	Carpet/Upholstery Cleaner	25.70	
02 90 50 00-0367	ROL	Carpet Masking/Shield	69.34	
02 90 50 00-0368	EA	Chem Sponge	3.21	
02 90 50 00-0369	GAL	Clear Seal	109.74	
02 90 50 00-0370	GAL	Coil Cleaner	49.08	
02 90 50 00-0371	EA	Comfort Masks, Per Box 50	35.09	
02 90 50 00-0372	EA	Coverall - Bio-Hazard	15.52	
02 90 50 00-0373	EA	Decon Chamber	529.37	
02 90 50 00-0374	GAL	Degreaser, All Purpose	17.47	
02 90 50 00-0375	GAL	De-Foamer Liquid	47.20	
02 90 50 00-0376	EA	Deodorization Membrane	86.14	
02 90 50 00-0377	GAL	Deodorizer, 9D9	141.10	
02 90 50 00-0378	LB	Deodorizing Gel	17.68	
02 90 50 00-0379	GAL	Deodorizing Liquid	45.68	
02 90 50 00-0380	PAIL	Deodorizing Block	8.33	
02 90 50 00-0381	GAL	Disinfectant/Antimicrobial	52.42	
02 90 50 00-0382	GAL	Disinfectant, BruClean	26.12	
02 90 50 00-0383	GAL	Dryclene	35.89	
02 90 50 00-0384	GAL	Duct Sealant Spray	54.09	
02 90 50 00-0385	GAL	Duct Sealant, Antifungal	78.13	
02 90 50 00-0386	GAL	Microbial Encapsulant (Fosters 20 - 40)	127.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0387	PR	Ear Plugs	0.49	
02 90 50 00-0388	GAL	Encapsulant	84.29	
02 90 50 00-0389	GAL	Fiberlocke - Aftershock	74.01	
02 90 50 00-0390	GAL	Fiberlocke - IAQ 2500	92.77	
02 90 50 00-0391	GAL	Fiberlocke - IAS 6000	95.41	
02 90 50 00-0392	ROL	Filter Material	131.51	
02 90 50 00-0393	EA	Filter, Blue Paper Collection Bag	5.39	
02 90 50 00-0394	EA	Filter, CVAC For HEPA Vacuum	292.95	
02 90 50 00-0395	EA	Filter, Pre-Filter For Negative Air Machine	2.05	
02 90 50 00-0396	EA	Filter, Pleated For Negative Air Machine	7.20	
02 90 50 00-0397	EA	Filter, Charcoal For Negative Air Machine	32.55	
02 90 50 00-0398	EA	Filter, HEPA For Negative Air Machine	236.93	
02 90 50 00-0399	EA	Filter, Pleated For Dehumidifiers	8.17	
02 90 50 00-0400	GAL	Floor Stripper	16.83	
02 90 50 00-0401	GAL	Floor Wax	24.04	
02 90 50 00-0402	GAL	Fogger (Thermal)	64.76	
02 90 50 00-0403	BOX	Furniture Blocks	120.53	
02 90 50 00-0404	EA	Furniture Polish, Per Can	5.14	
02 90 50 00-0405	GAL	Glass Cleaner	8.22	
02 90 50 00-0406	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles	14.67	
02 90 50 00-0407	EA	Goof Off Spray, 12 Oz	12.96	
02 90 50 00-0408	EA	Halogen Light Bulbs	17.16	
02 90 50 00-0409	QT	Hand Sanitizer	8.49	
02 90 50 00-0410	EA	Hard Hats	6.99	
02 90 50 00-0411	BOX	Hog Rings, Box Of 2,500	15.79	
02 90 50 00-0412	GAL	HVAC Coal Cleaner	49.08	
02 90 50 00-0413	BOX	Inventory Tag, Box Of 1,000	111.04	
02 90 50 00-0414	EA	Knives - Utility	13.22	
02 90 50 00-0415	ROL	Lay Flat Tubing, 13" (250' Roll)	68.36	
02 90 50 00-0416	ROL	Lay Flat Tubing, 20" (250' Roll)	100.56	
02 90 50 00-0417	ROL	Lay Flat Tubing, 29" (250' Roll)	200.22	
02 90 50 00-0418	ROL	Lay Flat Tubing, 39" (250' Roll)	289.40	
02 90 50 00-0419	GAL	Lemon Oil	43.53	
02 90 50 00-0420	GAL	LPS 1/Mecca Lube	43.68	
02 90 50 00-0421	GAL	LPS 2	46.23	
02 90 50 00-0422	GAL	LPS Contact Cleaner	46.01	
02 90 50 00-0423	GAL	Lubricant, Preserver (Light)	115.91	
02 90 50 00-0424	GAL	Lubricant, Preserver (Heavy)	24.04	
02 90 50 00-0425	GAL	Machinery Cleaning Solvent	208.42	
02 90 50 00-0426	GAL	Metal Polishing Paste	21.46	
02 90 50 00-0427	GAL	Microban	48.58	
02 90 50 00-0428	GAL	Milgo	59.63	
02 90 50 00-0429	EA	Mop Heads	7.73	
02 90 50 00-0430	EA	Nylon Scouring Pads	1.32	
02 90 50 00-0431	GAL	Odor Neutralizer	31.86	
02 90 50 00-0432	EA	Packing Paper, 25 LB Bundle	57.74	
02 90 50 00-0433	EA	Paint Brushes	6.01	
02 90 50 00-0434	ROL	Paper, Corrugated/Craft	134.66	
02 90 50 00-0435	EA	Putty Knives	5.45	
02 90 50 00-0436	ROL	Red Resin Paper, 200' Roll	25.18	
02 90 50 00-0437	GAL	Reodorant	102.17	
02 90 50 00-0438	EA	Respirator - N95	3.60	
02 90 50 00-0439	EA	Respirator - N95 With valve	5.43	
02 90 50 00-0440	PR	Respirator Cartridges - 3M	36.44	
02 90 50 00-0441	PR	Respirator Cartridges -P100	36.44	
02 90 50 00-0442	EA	Respirator Cleaning Wipes, Per Box 100	29.16	
02 90 50 00-0443	GAL	Restoracide	47.92	
02 90 50 00-0444	GAL	Rust Remover	75.04	
02 90 50 00-0445	EA	Saltesmo Test Samples	7.08	
02 90 50 00-0446	EA	Sand Bag, Excluding Sand	1.86	
02 90 50 00-0447	EA	Scotch-Brite 7447, Per Box 50	23.12	
02 90 50 00-0448	EA	Sm. Scrub Brushes	11.82	
02 90 50 00-0449	GAL	Soot Sealant, Clear	44.71	
02 90 50 00-0450	GAL	Soot Sealant, Pigmented	238.27	
02 90 50 00-0451	ROL	Shrinkwrap Plastic	54.85	
02 90 50 00-0452	EA	Sponges - Dry	4.11	
02 90 50 00-0453	EA	Spray Adhesive, Per Can	5.72	
02 90 50 00-0454	EA	Spray Bot./Trigger	4.64	
02 90 50 00-0455	GAL	Stain Remover	28.78	
02 90 50 00-0456	GAL	Stainless Steel Cleaner	10.78	
02 90 50 00-0457	EA	Stainless Steel Polish, Per Can	14.15	
02 90 50 00-0458	LB	Sweeping Compound	0.44	
02 90 50 00-0459	ROL	Tape - Duct	7.20	
02 90 50 00-0460	ROL	Tape - Environmental (Teal)	12.21	
02 90 50 00-0461	ROL	Tape - HVAC (Aluminum)	26.44	
02 90 50 00-0462	ROL	Tape - Blue Masking (Painters Tape)	8.22	
02 90 50 00-0463	ROL	Tape - Poly Box	4.62	
02 90 50 00-0464	LB	Terry Towels	6.19	
02 90 50 00-0465	GAL	Thermal Fog	64.76	
02 90 50 00-0466	ROL	Trash Bags - Lawn And Leaf	34.83	
02 90 50 00-0467	ROL	Trash Bags - 6 Mil Heavy Duty (50 Count)	138.89	
02 90 50 00-0468	EA	Trisodium Phosphaste, 20 LB Pail	43.86	
02 90 50 00-0469	EA	Vacuum Bags - Backpack	1.48	
02 90 50 00-0470	EA	Vacuum Bags - Upright	1.97	
02 90 50 00-0471	GAL	Vinyl And Leather Cleaner	25.70	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0472	ROL	Visqueen 1 Mil	45.12	
02 90 50 00-0473	ROL	Visqueen 4 Mil	122.51	
02 90 50 00-0474	ROL	Visqueen 6 Mil	167.17	
02 90 50 00-0475	LB	Wipes, Cotton Cloth	4.74	
02 90 50 00-0476	ROL	12" x 750', Wrap, Bubble / Anti-Static	86.86	
02 90 50 00-0477	EA	Wyp-Alls, Case, 160 Wipes	12.85	
02 90 50 00-0478	EA	Zip Wall Zippers	12.33	

02 90 50 00-0479 Technical/Electronics Restoration Materials *(02 90 50 00-0352)*

02 90 50 00-0480	EA	Brush - Brass	4.51	
02 90 50 00-0481	EA	Brush - Natural Bristle 1"	1.44	
02 90 50 00-0482	EA	Brush - Natural Bristle 1/2"	1.20	
02 90 50 00-0483	EA	Brush - Natural Bristle 1/4"	1.02	
02 90 50 00-0484	EA	Brush - Parts	6.25	
02 90 50 00-0485	EA	Brush - Plastic	3.25	
02 90 50 00-0486	EA	Brush - Wire Grout	7.20	
02 90 50 00-0487	EA	Brushing Tool	13.88	
02 90 50 00-0488	EA	Cleaning Swabs, Cotton	0.30	
02 90 50 00-0489	EA	Cleaning Swabs, Foam Tip	0.36	
02 90 50 00-0490	EA	Contact Restorer, Per Can	29.15	
02 90 50 00-0491	EA	Contact Spray, Per Can	19.83	
02 90 50 00-0492	UNIT	Corrosion Inhibitor Emitter - 1 CF	2.88	
02 90 50 00-0493	UNIT	Corrosion Inhibitor Emitter - 5 CF	6.61	
02 90 50 00-0494	UNIT	Corrosion Inhibitor Emitter - 10 CF	11.42	
02 90 50 00-0495	LB	Cotton Cleaning Cloths	18.03	
02 90 50 00-0496	EA	12" x 17" Dust Cloths	0.27	
02 90 50 00-0497	EA	24" x 24" Dust Cloths	0.74	
02 90 50 00-0498	EA	Deoxidizing Agent, Per Can	14.12	
02 90 50 00-0499	GAL	Electronic Grade Detergent	30.84	
02 90 50 00-0500	SHT	Inventory Labels	0.12	
02 90 50 00-0501	GAL	Isopropyl Alcohol	81.72	
02 90 50 00-0502	EA	Lubrication/Penetrating Oil, Per Can	115.91	
02 90 50 00-0503	GAL	PC Board Detergent	82.34	
02 90 50 00-0504	GAL	Rust Inhibitor, Regular Duty	143.66	
02 90 50 00-0505	GAL	Rust Inhibitor - Moderate Duty	144.74	
02 90 50 00-0506	GAL	Rust Inhibitor - Severe Duty	154.71	
02 90 50 00-0507	LB	Wipes - Lint Free Cloths	4.74	
02 90 50 00-0508	EA	Wire Marker Card	2.10	
02 90 50 00-0509	EA	Steel Wool, 16 Pad Sleeve	1.09	

02 90 50 00-0510 Board Up And Tarp Up *(02 90 50)*

02 90 50 00-0511	SF	Polyethylene Tarp On Roof	0.20	
02 90 50 00-0512	SF	Temporary Plywood On Roof	1.31	
02 90 50 00-0513	SF	Temporary Plywood On Wall Or Windows	1.66	

02 90 50 00-0514 Minimum Charges *(02 90 50)*

02 90 50 00-0515	EA	Minimum For Cleaning	720.37	
02 90 50 00-0516	EA	Minimum For Water Extraction	159.32	
02 90 50 00-0517	EA	Minimum For Carpet Cleaning	144.24	

02 90 50 00-0518 Document Restoration *(02 90 50)*

02 90 50 00-0519	EA	Book Rebinding, Each	74.49	
02 90 50 00-0520	EA	Book Recasing, Each	37.24	
02 90 50 00-0521	EA	Boxes-MCS, 1.2 CF	5.04	
02 90 50 00-0522	EA	Boxes-MCS, 2.0 CF	5.56	
02 90 50 00-0523	EA	Boxes Bankers	11.90	
02 90 50 00-0524	EA	Boxes Standard Packout	3.22	
02 90 50 00-0525	EA	Boxes X Ray	7.45	
02 90 50 00-0526	EA	CD Scanning and Diagnostics, Each	7.45	
02 90 50 00-0527	EA	Cleaning Antique Books, Each	223.45	
02 90 50 00-0528	EA	Cleaning Catheter Roll, Per Roll	29.79	
02 90 50 00-0529	EA	Cleaning CD And DVD, Per Disc	2.99	
02 90 50 00-0530	EA	Cleaning Level 1 - Blue Prints, Each	2.09	
02 90 50 00-0531	CF	Cleaning Level 1 - Document Per CF	64.87	
02 90 50 00-0532	EA	Cleaning Level 1 - Linen, Each	2.09	
02 90 50 00-0533	EA	Cleaning Level 1 - Mylar, Each	2.09	
02 90 50 00-0534	EA	Cleaning Level 2 - Blue Print, Each	2.60	
02 90 50 00-0535	CF	Cleaning Level 2 - Document Per CF	97.22	
02 90 50 00-0536	EA	Cleaning Level 2 - Linen, Each	2.60	
02 90 50 00-0537	EA	Cleaning Level 2 - Mylar, Each	2.60	
02 90 50 00-0538	EA	Cleaning Level 3 - Blue Prints, Each	3.69	
02 90 50 00-0539	CF	Cleaning Level 3 - Document Per CF	129.73	
02 90 50 00-0540	EA	Cleaning Level 3 - Linen, Each	3.69	
02 90 50 00-0541	EA	Cleaning Level 3 - Mylar, Each	3.69	
02 90 50 00-0542	EA	Cleaning Level 4 - All Fire-Blue Print, Each	5.17	
02 90 50 00-0543	EA	Cleaning Level 4 - All Fire-Linen, Each	5.17	
02 90 50 00-0544	EA	Cleaning Level 4 - All Fire-Mylar, Each	5.17	
02 90 50 00-0545	CF	Cleaning Level 4 - Light Fire-Document Per CF	162.13	
02 90 50 00-0546	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each	5.73	
02 90 50 00-0547	CF	Cleaning Level 5 - Severe Fire-Document Per CF	243.27	
02 90 50 00-0548	EA	Cleaning Level 5 - Severe Fire-Linen, Each	5.73	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0549	EA	Cleaning Level 5 - Severe Fire-Mylar, Each	5.73	
02 90 50 00-0550	EA	Cleaning Microfiche Sheets, Each	2.99	
02 90 50 00-0551	EA	Cleaning Microfiche Strips, Each	0.76	
02 90 50 00-0552	EA	Cleaning Microfilm Rolls (In House), Per Roll	74.49	
02 90 50 00-0553	EA	Cleaning Microfilm Rolls (Outside), Per Roll	104.29	
02 90 50 00-0554	EA	Cleaning Photographs Negatives, Per Negative	0.76	
02 90 50 00-0555	EA	Cleaning Photographs, Each	2.99	
02 90 50 00-0556	EA	Cleaning Record Albums, Each	2.99	
02 90 50 00-0557	EA	Cleaning VHS And Beta Tapes-In House, Each	7.45	
02 90 50 00-0558	EA	Cleaning VHS And Beta Tapes-Outside, Each	29.79	
02 90 50 00-0559	EA	Cleaning X Ray 1-1000, Per Film	2.99	
02 90 50 00-0560	EA	Cleaning X Ray 1K-5K, Per Film	2.55	
02 90 50 00-0561	EA	Cleaning X Ray 5K-Up, Per Film	2.00	
02 90 50 00-0562	EA	Copying Clean Water, Per Page	0.27	
02 90 50 00-0563	EA	Copying Greywater Fire, Per Page	0.81	
02 90 50 00-0564	CF	Deodorization, Vapor Tech	5.50	
02 90 50 00-0565	CF	Disinfectant-Fogging	10.45	
02 90 50 00-0566	EA	Document Disposal In House No Shredding	42.77	
02 90 50 00-0567	EA	Document Disposal In House With Shredding	11.67	
02 90 50 00-0568	CF	Up To 150 CF, Drying-MCS Center	134.07	
02 90 50 00-0569	CF	>150 To 500 CF, Drying-MCS Center	104.29	
02 90 50 00-0570	CF	>500 CF, Drying-MCS Center	89.38	
02 90 50 00-0571	CF	>50 To 150 CF, Drying-MCS Center	119.18	
02 90 50 00-0572	CF	Up To 500 CF, Drying-Onsite	223.45	
02 90 50 00-0573	CF	>500 CF, Drying-Onsite	137.08	
02 90 50 00-0574	EA	Drying Antique Books, Each	29.79	
02 90 50 00-0575	EA	Drying Blue Prints, Each	3.73	
02 90 50 00-0576	EA	DVD Scanning And Diagnostics, Each	7.45	
02 90 50 00-0577	EA	Freeze Drying (In House)	72.56	
02 90 50 00-0578	EA	Freeze Drying (Outside)	51.82	
02 90 50 00-0579	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge)	1,710.22	
02 90 50 00-0580	CF	>48 CF, Irradiation - Gamma (Per CF Charge)	15.55	
02 90 50 00-0581	EA	Minimal Drying Jobs	720.37	
02 90 50 00-0582	EA	Monthly Storage	128.49	
02 90 50 00-0583	EA	Mylar Prints	7.45	
02 90 50 00-0584	CF	Ozoning	4.94	
02 90 50 00-0585	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month	6.26	
02 90 50 00-0586	MO	Stabilization Freezer Storage, Per Page-Per Month	0.07	
02 90 50 00-0587	EA	Wood Pallets, Each	17.40	

END OF SECTION 02

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance Of Concrete *(03)*

03 01 30 Maintenance Of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning Of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*
Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot Blasting	1.86
		For Up To 100, Add	*2.30*
		For >100 To 250, Add	*0.58*
		For >250 To 500, Add	*0.29*
		For >5,000 To 10,000, Deduct	*-0.06*
		For >10,000, Deduct	*-0.12*
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot Blasting	3.01
		For Up To 100, Add	*4.60*
		For >100 To 250, Add	*1.15*
		For >250 To 500, Add	*0.58*
		For >5,000 To 10,000, Deduct	*-0.12*
		For >10,000, Deduct	*-0.23*

03 01 30 71 Rehabilitation Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*
See CSI section 09 91 43 00-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	1/8" To 1/4", Cementitious Mortar Patch, Decks And Floors	4.63
03 01 30 71-0005	SF	1/8" To 1/4", Epoxy Cementitious Mortar Patch, Decks And Floors	13.16
03 01 30 71-0006	SF	White Aluminum Oxide Grit (Non Slip Aggregate) Patch, Decks And Floors	0.39

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	1/8" To 1/4" Cementitious Mortar Patch, Verticals And Overheads	7.03
03 01 30 71-0009	SF	1/8" To 1/4" Epoxy Cementitious Mortar Patch, Verticals And Overheads	18.97
03 01 30 71-0010	SF	1/8" To 1/4" Latex Cementitious Mortar Patch, Verticals And Overheads	21.10
03 01 30 71-0011	SF	1/8" To 1/4" Elastomeric Compound Patch, Verticals And Overheads	5.76
03 01 30 71-0012	SF	1/8" To 1/4" Copolymer Cementitious Compound Patch, Verticals And Overheads Note: Rapid Set - Wunderfixx	10.01

03 01 30 71-0013 Bridge Deck Treatment *(03 01 30 71-0002)*

03 01 30 71-0014	SF	Sweep Bridge Deck	0.01
03 01 30 71-0015	SF	Clean Bridge Deck	0.02
03 01 30 71-0016	SF	Treat Bridge Deck With Methacrylate Resin Sealant	1.34

03 01 30 71-0017 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0018 Concrete Patching *(03 01 30 71-0017)*

03 01 30 71-0019 Walls *(03 01 30 71-0018)*

03 01 30 71-0020	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	100.75
		For Up To 10, Add	*32.72*
		For >10 To 25, Add	*19.63*
		For >25 To 50, Add	*13.09*
		For >50 To 75, Add	*6.54*
03 01 30 71-0021	BAG	Sika Grout 212, 50 LB Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	41.09
		For Up To 10, Add	*5.84*
		For >10 To 25, Add	*3.50*
		For >25 To 50, Add	*2.33*
		For >50 To 75, Add	*1.17*
03 01 30 71-0022	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	27.89
03 01 30 71-0023	BAG	Pea Gravel	19.55

03 01 30 71-0024 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0025 Non Structural Crack Repair For Concrete *(03 01 30 71-0024)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 01 30 71-0026 Surface Applied, Non Structural Crack Repair For Concrete *(03 01 30 71-0025)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0027	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	4.86	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0028	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	6.33	
		For V-Grooving Crack With Grinder, Add	*3.83*	
03 01 30 71-0029	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	4.94	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0030	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	6.47	
		For V-Grooving Crack With Grinder, Add	*3.83*	
03 01 30 71-0031	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	5.20	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0032	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	6.99	
		For V-Grooving Crack With Grinder, Add	*3.83*	
03 01 30 71-0033	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	5.38	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0034	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	7.37	
		For V-Grooving Crack With Grinder, Add	*3.83*	

03 01 30 71-0035 Pressure Injected, Non Structural Crack Repair For Concrete *(03 01 30 71-0025)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0036	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	19.91	
		For Cracks Accessible From Both Sides, Add	*4.04*	

03 01 30 71-0037 Structural Crack Repair For Concrete *(03 01 30 71-0024)*

03 01 30 71-0038 Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0037)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.

03 01 30 71-0039	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	5.43	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0040	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	7.47	
		For V-Grooving Crack With Grinder, Add	*3.83*	
03 01 30 71-0041	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	5.42	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0042	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	7.45	
		For V-Grooving Crack With Grinder, Add	*3.83*	
03 01 30 71-0043	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	6.18	
		For V-Grooving Crack With Grinder, Add	*3.92*	
03 01 30 71-0044	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	8.96	
		For V-Grooving Crack With Grinder, Add	*3.83*	

03 01 30 71-0045 Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0037)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0046	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	17.88	
		For Cracks Accessible From Both Sides, Add	*4.04*	
03 01 30 71-0047	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	17.88	
		For Cracks Accessible From Both Sides, Add	*4.04*	

03 01 30 71-0048 Carbon Fiber Strengthening System *(03 01 30 71-0001)*

Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.

03 01 30 71-0049	SF	Carbon Fiber Strengthening System Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	59.04	
03 01 30 71-0050	SF	Carbon Fiber Strengthening System Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	51.63	
03 01 30 71-0051	SF	Carbon Fiber Strengthening System Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	45.15	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0052		Fiber Reinforced Polymer (FRP) Strengthening System *(03 01 30 71-0001)* Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0053	SF	Composite Strengthening System - Exterior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibrwrap System by Fyfe Company	38.40	
		For Floor Surfaces, Deduct	*-6.35*	
03 01 30 71-0054	SF	Composite Strengthening Fire Resistant System - Interior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibrwrap System by Fyfe Company	46.74	
		For Floor Surfaces, Deduct	*-7.79*	

03 05 Common Work Results For Concrete *(03)*

03 05 00 00-0001 Concrete Admixtures *(03 05)*

03 05 00 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	3.45	
03 05 00 00-0003	CY	Set Retarding, Type B Concrete Admixture	2.39	
03 05 00 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	3.72	
03 05 00 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	7.43	
03 05 00 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	6.64	
03 05 00 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	13.27	
03 05 00 00-0008	CY	Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	2.87	
03 05 00 00-0009	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	3.98	
03 05 00 00-0010	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.96	
03 05 00 00-0011	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	3.19	
03 05 00 00-0012	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	6.37	
03 05 00 00-0013	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	8.49	
03 05 00 00-0014	CY	25 LB/CY Steel Fibers, Concrete Admixture	20.96	
03 05 00 00-0015	CY	10% Microsilica (Silica Fume), Concrete Admixture	51.11	
03 05 00 00-0016	CY	Corrosion Inhibiting Concrete Admixture	15.93	
03 05 00 00-0017	CY	Winter Service Or Heat, Concrete Add	3.72	
03 05 00 00-0018	CY	Chilled Water, Concrete Add	3.72	
03 05 00 00-0019	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	21.50	
03 05 00 00-0020	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	35.83	
03 05 00 00-0021	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	68.80	
03 05 00 00-0022	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	95.55	
03 05 00 00-0023	CY	XYPEX Concrete Additive C-500, C-1000 or C-2000	35.02	

03 10 Concrete Forming And Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	6.56	
		For <1,000, Add		*1.23*
		For Foundations >8' Below Grade, Add		*1.18*
		For Curved Formwork, Add		*2.36*
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	7.82	
		For <1,000, Add		*1.47*
		For Foundations >8' Below Grade, Add		*1.43*
		For Curved Formwork, Add		*2.86*
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	9.02	
		For <1,000, Add		*1.72*
		For Foundations >8' Below Grade, Add		*1.68*
		For Curved Formwork, Add		*3.36*
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	7.53	
		For <1,000, Add		*1.42*
		For Foundations >8' Below Grade, Add		*1.38*
		For Curved Formwork, Add		*2.77*
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	10.69	
		For <1,000, Add		*2.02*
		For Foundations >8' Below Grade, Add		*1.96*
		For Curved Formwork, Add		*3.91*

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	5.06	
		For Foundations >8' Below Grade, Add		*0.94*
		For Curved Formwork, Add		*1.89*
		For Up To 250, Add		*0.97*
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	7.25	
		For Foundations >8' Below Grade, Add		*1.32*
		For Curved Formwork, Add		*2.63*
		For Up To 250, Add		*1.36*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	9.32	
		For Foundations >8' Below Grade, Add	*1.70*	
		For Curved Formwork, Add	*3.41*	
		For <1,000, Add	*1.76*	
03 11 13 00-0012		Column Wood Formwork *(03 11 13 00-0001)*		
03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	39.19	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	57.10	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	71.68	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	102.72	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	147.34	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	194.57	
03 11 13 00-0019		Above Grade Wall Wood Formwork *(03 11 13 00-0001)*		
03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	11.95	
		For Curved Formwork, Add	*4.41*	
		For <1,000, Add	*2.27*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	14.16	
		For Curved Formwork, Add	*5.24*	
		For <1,000, Add	*2.69*	
03 11 13 00-0022		Elevated Beam Wood Formwork *(03 11 13 00-0001)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	15.46	
		For Curved Formwork, Add	*5.74*	
		For <1,000, Add	*2.94*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	9.91	
		For Curved Formwork, Add	*3.67*	
		For <1,000, Add	*1.89*	
03 11 13 00-0025		Elevated Slab Wood Formwork *(03 11 13 00-0001)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF	Elevated Slab Wood Formwork	9.10	
		For <1,000, Add	*1.68*	
03 11 13 00-0027		Metal Framed Formwork *(03 11 13)*		
		Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028		Foundation Metal Framed Formwork *(03 11 13 00-0027)*		
		Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	5.61	
		For <1,000, Add	*1.07*	
		For Foundations >8' Below Grade, Add	*1.04*	
		For Curved Formwork, Add	*2.09*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	6.26	
		For <1,000, Add	*1.20*	
		For Foundations >8' Below Grade, Add	*1.17*	
		For Curved Formwork, Add	*2.35*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	6.93	
		For <1,000, Add	*1.32*	
		For Foundations >8' Below Grade, Add	*1.29*	
		For Curved Formwork, Add	*2.58*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	5.85	
		For <1,000, Add	*1.11*	
		For Foundations >8' Below Grade, Add	*1.08*	
		For Curved Formwork, Add	*2.17*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	9.05	
		Note: Excludes footing.		
		For <1,000, Add	*1.74*	
		For Foundations >8' Below Grade, Add	*1.71*	
		For Curved Formwork, Add	*3.41*	
03 11 13 00-0034		Slab Edge And Block-Out Metal Framed Formwork *(03 11 13 00-0027)*		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	4.29	
		For Foundations >8' Below Grade, Add	*0.85*	
		For Curved Formwork, Add	*1.69*	
		For <250, Add	*0.85*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	5.35	
		For Foundations >8' Below Grade, Add	*1.05*	
		For Curved Formwork, Add	*2.10*	
		For <250, Add	*1.06*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	5.92	
		For Foundations >8' Below Grade, Add	*1.16*	
		For Curved Formwork, Add	*2.32*	
		For <1,000, Add	*1.17*	
03 11 13 00-0038		Column Metal Framed Formwork *(03 11 13 00-0027)*		
03 11 13 00-0039		Square Columns *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	33.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	40.83	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	47.71	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	57.11	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	68.69	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	82.30	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	105.47	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	129.80	

03 11 13 00-0048 Round Columns *(03 11 13 00-0038)*

03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	27.88	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	31.44	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	36.55	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	43.46	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	51.85	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	59.79	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	75.41	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	93.27	

03 11 13 00-0057 Above Grade Wall Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	5.32	
		For Curved Formwork, Add	*1.92*	
		For <1,000, Add	*0.99*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	6.44	
		For Curved Formwork, Add	*2.31*	
		For <1,000, Add	*1.20*	

03 11 13 00-0060 Elevated Beam Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	5.24	
		For Curved Formwork, Add	*1.78*	
		For <1,000, Add	*0.94*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	3.92	
		For Curved Formwork, Add	*1.40*	
		For <1,000, Add	*0.73*	

03 11 13 00-0063 Elevated Slab Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	6.76	
		For <1,000, Add	*1.10*	

03 11 13 00-0065 Fiber Tube Formwork *(03 11 13)*

Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.

03 11 13 00-0066 Round Column Fiber Tube Formwork *(03 11 13 00-0065)*

03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	15.04	
		For Plastic Lined, Add	*0.46*	
		For Columns >12' In Length, Add	*1.50*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	15.82	
		For Plastic Lined, Add	*0.55*	
		For Columns >12' In Length, Add	*1.58*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	17.44	
		For Plastic Lined, Add	*0.63*	
		For Columns >12' In Length, Add	*1.74*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	20.45	
		For Plastic Lined, Add	*0.90*	
		For Columns >12' In Length, Add	*2.05*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	22.96	
		For Plastic Lined, Add	*1.22*	
		For Columns >12' In Length, Add	*2.30*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	24.71	
		For Plastic Lined, Add	*1.54*	
		For Columns >12' In Length, Add	*2.47*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	25.91	
		For Plastic Lined, Add	*1.68*	
		For Columns >12' In Length, Add	*2.59*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	28.04	
		For Plastic Lined, Add	*2.09*	
		For Columns >12' In Length, Add	*2.80*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	30.54	
		For Plastic Lined, Add	*2.52*	
		For Columns >12' In Length, Add	*3.05*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	33.03	
		For Plastic Lined, Add	*2.95*	
		For Columns >12' In Length, Add	*3.30*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	34.35	
		For Plastic Lined, Add	*3.22*	
		For Columns >12' In Length, Add	*3.44*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	36.34	
		For Plastic Lined, Add	*3.69*	
		For Columns >12' In Length, Add	*3.63*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	38.48	
		For Plastic Lined, Add	*4.21*	
		For Columns >12' In Length, Add	*3.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	46.04	
		For Plastic Lined, Add	*6.02*	
		For Columns >12' In Length, Add	*4.60*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	61.18	
		For Plastic Lined, Add	*10.23*	
		For Columns >12' In Length, Add	*6.12*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	72.11	
		For Plastic Lined, Add	*13.18*	
		For Columns >12' In Length, Add	*7.21*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	116.63	
		For Plastic Lined, Add	*26.01*	
		For Columns >12' In Length, Add	*11.66*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	129.24	
		For Plastic Lined, Add	*29.39*	
		For Columns >12' In Length, Add	*12.92*	

03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	1.84

03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	1.94
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.25
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	2.59

03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	9.01

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	10.44
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	12.35
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.90
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	16.39
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	20.96
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	41.63

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 00-0001 Concrete Form Liners *(03 11 16)*

03 11 16 00-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	4.23
03 11 16 00-0003	SF	Rusticated Concrete Finish, Beveled Edge, 1 Use, Concrete Form Liner, Add To Formwork	5.88
03 11 16 00-0004	SF	Rusticated Concrete Finish, Square Edge, 1 Use, Concrete Form Liner, Add To Formwork	7.76

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	15.16	
		For Curved Formwork, Add	*5.83*	
		For <1,000, Add	*2.96*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	29.89	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*11.38*	
		For <1,000, Add	*5.79*	

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	12.22	
		For Curved Formwork, Add	*4.74*	
		For <1,000, Add	*2.40*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	22.77	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*8.82*	
		For <1,000, Add	*4.46*	

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	6.74
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	7.46
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	8.68
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	9.37
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	12.72
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	6.68
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	8.59
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	13.65

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	11.35	
03 15 13 13-0011		Rubber Waterstops *(03 15 13 13)*		
03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	8.29	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	9.58	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	8.82	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.24	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.99	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.93	
03 15 13 16		**Expanding Waterstops** *(03 15 13)*		
03 15 13 16-0001		Bentonite Waterstops *(03 15 13 16)*		
03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	5.73	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	8.38	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	9.31	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	10.32	
03 15 16		**Concrete Construction Joints** *(03 15)*		
03 15 16 00-0001		Poured Expansion Joint *(03 15 16)*		
03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.06	0.68
		For Installation In Walls, Add	*1.13*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.22	0.68
		For Installation In Walls, Add	*1.28*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.26	0.68
		For Installation In Walls, Add	*1.13*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	4.71	0.68
		For Installation In Walls, Add	*1.28*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	3.10	0.68
		For Installation In Walls, Add	*1.28*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	5.52	0.68
		For Installation In Walls, Add	*2.07*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	2.02	0.68
		For Installation In Walls, Add	*1.13*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	2.59	0.68
		For Installation In Walls, Add	*1.13*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	3.67	0.68
		For Installation In Walls, Add	*1.28*	
03 15 16 00-0011		Premolded Expansion Joints *(03 15 16)*		
03 15 16 00-0012		Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.98	0.91
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.25	0.97
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.41	1.01
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.06
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.14	0.91
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.37	0.97
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.65	1.01
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.04	1.06
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	1.95	0.87
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.12	0.91
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.31	0.97
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.47	1.01
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.68	1.06
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	2.96	1.11
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.17	1.15
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	3.54	1.20
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.32	0.97
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.64	1.01
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.20	1.11
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	5.47	1.52
03 15 16 00-0033		Cork, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	3.24	0.97
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	3.63	1.06
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	3.94	1.11
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	5.44	1.15
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	5.78	1.20
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	6.44	1.52
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	7.41	1.52
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	7.86	1.52
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.13	0.97
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.23	1.01
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.35	1.06
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.70	1.11
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.19	0.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.29	1.01
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.38	1.06
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.61	1.11
03 15 16 00-0051		Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.16	0.97
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.34	1.01
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	2.60	1.11
03 15 16 00-0055		Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	3.93	0.91
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.71	0.91
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	1.03	0.68
		>1,250, Deduct	*-0.05*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	0.97	0.68
		>1,250, Deduct	*-0.05*	
03 15 16 00-0061		Keyed Cold Expansion And Control Joints *(03 15 16)*		
03 15 16 00-0062		24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	5.03	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	5.09	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	5.25	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	5.52	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	6.55	

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001		Cast In Place Anchors *(03 15 19)* Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002		J-Type Anchor Bolts *(03 15 19 00-0001)* See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003		1/2" And 5/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	6.72	
		For Galvanized, Add	*0.75*	
		For Stainless Steel, Add	*5.25*	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.56*	
		For >100, Deduct	*-1.12*	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	7.54	
		For Galvanized, Add	*0.96*	
		For Stainless Steel, Add	*6.72*	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.61*	
		For >100, Deduct	*-1.22*	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	8.74	
		For Galvanized, Add	*1.32*	
		For Stainless Steel, Add	*9.24*	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.68*	
		For >100, Deduct	*-1.35*	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.55	
		For Galvanized, Add	*1.73*	
		For Stainless Steel, Add	*12.08*	
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.70*	
		For >100, Deduct	*-1.39*	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	11.25	
		For Galvanized, Add	*2.30*	
		For Stainless Steel, Add	*16.10*	
		For >10 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-0.78*	
		For >100, Deduct	*-1.56*	
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.57	
		For Galvanized, Add	*2.63*	
		For Stainless Steel, Add	*18.41*	
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.73*	
03 15 19 00-0010		3/4" And 7/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.53	
		For Galvanized, Add	*2.61*	
		For Stainless Steel, Add	*18.27*	
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.86*	
		For >100, Deduct	*-1.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.21	
		For Galvanized, Add	*3.05*	
		For Stainless Steel, Add	*21.32*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.93*	
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.93	
		For Galvanized, Add	*3.90*	
		For Stainless Steel, Add	*27.30*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.06	
		For Galvanized, Add	*4.91*	
		For Stainless Steel, Add	*34.37*	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.54*	
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.27	
		For Galvanized, Add	*3.57*	
		For Stainless Steel, Add	*24.99*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.18*	
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.99	
		For Galvanized, Add	*4.28*	
		For Stainless Steel, Add	*29.93*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.52*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.57	
		For Galvanized, Add	*5.70*	
		For Stainless Steel, Add	*39.87*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.01*	

03 15 19 00-0018 1" And 1-1/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.67	
		For Galvanized, Add	*4.62*	
		For Stainless Steel, Add	*32.31*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.29	
		For Galvanized, Add	*5.56*	
		For Stainless Steel, Add	*38.89*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	28.54	
		For Galvanized, Add	*6.97*	
		For Stainless Steel, Add	*48.76*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.62*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	35.30	
		For Galvanized, Add	*8.51*	
		For Stainless Steel, Add	*59.57*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.00	
		For Galvanized, Add	*5.77*	
		For Stainless Steel, Add	*40.39*	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.87*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	27.26	
		For Galvanized, Add	*6.95*	
		For Stainless Steel, Add	*48.62*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.37*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.46	
		For Galvanized, Add	*8.71*	
		For Stainless Steel, Add	*60.94*	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.08*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	41.33	
		For Galvanized, Add	*10.64*	
		For Stainless Steel, Add	*74.45*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	

03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	27.12	
		For Galvanized, Add	*7.22*	
		For Stainless Steel, Add	*50.51*	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.18	
		For Galvanized, Add	*8.69*	
		For Stainless Steel, Add	*60.80*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.83*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	39.54	
		For Galvanized, Add	*10.89*	
		For Stainless Steel, Add	*76.20*	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.32*	
		For >100, Deduct	*-4.64*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	48.80	
		For Galvanized, Add	*13.30*	
		For Stainless Steel, Add	*93.07*	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.77*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.27	
		For Galvanized, Add	*9.02*	
		For Stainless Steel, Add	*63.11*	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.75*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	38.31	
		For Galvanized, Add	*10.85*	
		For Stainless Steel, Add	*75.95*	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.41*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.16	
		For Galvanized, Add	*13.61*	
		For Stainless Steel, Add	*95.27*	
		For >10 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.35*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	58.15	
		For Galvanized, Add	*16.62*	
		For Stainless Steel, Add	*116.34*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.64*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	12.11	
		For Galvanized, Add	*2.00*	
		For Stainless Steel, Add	*13.97*	
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.82*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	14.06	
		For Galvanized, Add	*2.47*	
		For Stainless Steel, Add	*17.26*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.07*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.09	
		For Galvanized, Add	*2.83*	
		For Stainless Steel, Add	*19.78*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.05	
		For Galvanized, Add	*2.94*	
		For Stainless Steel, Add	*20.55*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.73*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.77	
		For Galvanized, Add	*3.08*	
		For Stainless Steel, Add	*21.56*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	14.08	
		For Galvanized, Add	*2.48*	
		For Stainless Steel, Add	*17.33*	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.21	
		For Galvanized, Add	*2.89*	
		For Stainless Steel, Add	*20.20*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.79	
		For Galvanized, Add	*3.31*	
		For Stainless Steel, Add	*23.14*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.77*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	21.48	
		For Galvanized, Add	*3.44*	
		For Stainless Steel, Add	*24.05*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.27*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.49	
		For Galvanized, Add	*3.61*	
		For Stainless Steel, Add	*25.24*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	

03 15 19 00-0048 1" And 1-1/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.79	
		For Galvanized, Add	*3.18*	
		For Stainless Steel, Add	*22.23*	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	19.32	
		For Galvanized, Add	*3.57*	
		For Stainless Steel, Add	*24.99*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.79*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.59	
		For Galvanized, Add	*3.99*	
		For Stainless Steel, Add	*27.93*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.25	
		For Galvanized, Add	*4.18*	
		For Stainless Steel, Add	*29.26*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.03	
		For Galvanized, Add	*4.38*	
		For Stainless Steel, Add	*30.63*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.44	
		For Galvanized, Add	*5.07*	
		For Stainless Steel, Add	*35.49*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.57*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.23	
		For Galvanized, Add	*5.94*	
		For Stainless Steel, Add	*41.55*	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.47*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.53	
		For Galvanized, Add	*4.18*	
		For Stainless Steel, Add	*29.23*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.95	
		For Galvanized, Add	*4.67*	
		For Stainless Steel, Add	*32.69*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.39*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.67	
		For Galvanized, Add	*4.89*	
		For Stainless Steel, Add	*34.23*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.67*	

03 15 19 00-0059 1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.71	
		For Galvanized, Add	*5.05*	
		For Stainless Steel, Add	*35.35*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.43*	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.10	
		For Galvanized, Add	*5.91*	
		For Stainless Steel, Add	*41.37*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.61	
		For Galvanized, Add	*6.69*	
		For Stainless Steel, Add	*46.83*	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.41	
		For Galvanized, Add	*7.56*	
		For Stainless Steel, Add	*52.89*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.41*	
		For >100, Deduct	*-4.82*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.28	
		For Galvanized, Add	*8.22*	
		For Stainless Steel, Add	*57.54*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.39*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.70	
		For Galvanized, Add	*8.80*	
		For Stainless Steel, Add	*61.60*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.10*	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.30	
		For Galvanized, Add	*9.42*	
		For Stainless Steel, Add	*65.94*	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.03*	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	57.37	
		For Galvanized, Add	*10.42*	
		For Stainless Steel, Add	*72.91*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-4.17*	
		For >100, Deduct	*-8.35*	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.23	
		For Galvanized, Add	*6.31*	
		For Stainless Steel, Add	*44.17*	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.55*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.05	
		For Galvanized, Add	*7.39*	
		For Stainless Steel, Add	*51.70*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.39*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.96	
		For Galvanized, Add	*8.37*	
		For Stainless Steel, Add	*58.56*	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.19	
		For Galvanized, Add	*9.45*	
		For Stainless Steel, Add	*66.12*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.39	
		For Galvanized, Add	*10.28*	
		For Stainless Steel, Add	*71.93*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.80*	
		For >100, Deduct	*-5.60*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.11	
		For Galvanized, Add	*11.01*	
		For Stainless Steel, Add	*77.04*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.16*	
		For >100, Deduct	*-6.32*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.20	
		For Galvanized, Add	*11.87*	
		For Stainless Steel, Add	*83.09*	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-3.64*	
		For >100, Deduct	*-7.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.58	
		For Galvanized, Add	*13.02*	
		For Stainless Steel, Add	*91.14*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-4.31*	
		For >100, Deduct	*-8.61*	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.11	
		For Galvanized, Add	*8.75*	
		For Stainless Steel, Add	*61.25*	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.20*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	37.58	
		For Galvanized, Add	*9.18*	
		For Stainless Steel, Add	*64.23*	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.68	
		For Galvanized, Add	*10.10*	
		For Stainless Steel, Add	*70.67*	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.65*	
		For >100, Deduct	*-5.31*	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.90	
		For Galvanized, Add	*11.03*	
		For Stainless Steel, Add	*77.21*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.67*	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.29	
		For Galvanized, Add	*11.97*	
		For Stainless Steel, Add	*83.76*	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.03*	
		For >100, Deduct	*-6.07*	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.84	
		For Galvanized, Add	*12.87*	
		For Stainless Steel, Add	*90.06*	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.45*	
		For >100, Deduct	*-6.91*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.06	
		For Galvanized, Add	*13.92*	
		For Stainless Steel, Add	*97.44*	
		For >10 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-4.02*	
		For >100, Deduct	*-8.04*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	71.48	
		For Galvanized, Add	*15.44*	
		For Stainless Steel, Add	*108.05*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-4.83*	
		For >100, Deduct	*-9.67*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.61	
		For Galvanized, Add	*13.17*	
		For Stainless Steel, Add	*92.16*	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.49*	
		For >100, Deduct	*-4.97*	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	47.20	
		For Galvanized, Add	*13.45*	
		For Stainless Steel, Add	*94.15*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.41*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.82	
		For Galvanized, Add	*13.67*	
		For Stainless Steel, Add	*95.66*	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.66*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.41	
		For Galvanized, Add	*15.79*	
		For Stainless Steel, Add	*110.50*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-3.07*	
		For >100, Deduct	*-6.15*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.54	
		For Galvanized, Add	*18.22*	
		For Stainless Steel, Add	*127.54*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	67.38	
		For Galvanized, Add	*18.46*	
		For Stainless Steel, Add	*129.22*	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-3.97*	
		For >100, Deduct	*-7.94*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	76.41	
		For Galvanized, Add	*19.94*	
		For Stainless Steel, Add	*139.55*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-4.65*	
		For >100, Deduct	*-9.30*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	88.61	
		For Galvanized, Add	*21.47*	
		For Stainless Steel, Add	*150.29*	
		For >10 To 50, Deduct	*-2.28*	
		For >50 To 100, Deduct	*-5.64*	
		For >100, Deduct	*-11.28*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.57	
		For Galvanized, Add	*20.04*	
		For Stainless Steel, Add	*140.28*	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.30*	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	67.69	
		For Galvanized, Add	*21.67*	
		For Stainless Steel, Add	*151.66*	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.04*	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	75.33	
		For Galvanized, Add	*23.61*	
		For Stainless Steel, Add	*165.27*	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-3.99*	
		For >100, Deduct	*-7.98*	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	83.23	
		For Galvanized, Add	*25.01*	
		For Stainless Steel, Add	*175.04*	
		For >10 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-4.57*	
		For >100, Deduct	*-9.14*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	90.28	
		For Galvanized, Add	*26.87*	
		For Stainless Steel, Add	*188.09*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-5.00*	
		For >100, Deduct	*-10.00*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	98.00	
		For Galvanized, Add	*28.70*	
		For Stainless Steel, Add	*200.87*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-10.99*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	113.83	
		For Galvanized, Add	*30.82*	
		For Stainless Steel, Add	*215.71*	
		For >10 To 50, Deduct	*-2.61*	
		For >50 To 100, Deduct	*-6.76*	
		For >100, Deduct	*-13.52*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	119.95	
		For Galvanized, Add	*33.88*	
		For Stainless Steel, Add	*237.13*	
		For >10 To 50, Deduct	*-2.61*	
		For >50 To 100, Deduct	*-6.91*	
		For >100, Deduct	*-13.83*	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	136.21	
		For Galvanized, Add	*37.66*	
		For Stainless Steel, Add	*263.59*	
		For >10 To 50, Deduct	*-3.05*	
		For >50 To 100, Deduct	*-7.97*	
		For >100, Deduct	*-15.95*	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	110.53	
		For Galvanized, Add	*44.52*	
		For Stainless Steel, Add	*311.64*	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-4.38*	
		For >100, Deduct	*-8.75*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	117.43	
		For Galvanized, Add	*46.54*	
		For Stainless Steel, Add	*325.75*	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-4.76*	
		For >100, Deduct	*-9.53*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	129.04	
		For Galvanized, Add	*50.47*	
		For Stainless Steel, Add	*353.26*	
		For >10 To 50, Deduct	*-1.41*	
		For >50 To 100, Deduct	*-5.33*	
		For >100, Deduct	*-10.67*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	139.58	
		For Galvanized, Add	*53.18*	
		For Stainless Steel, Add	*372.26*	
		For >10 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-11.96*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	148.61	
		For Galvanized, Add	*56.04*	
		For Stainless Steel, Add	*392.25*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-6.46*	
		For >100, Deduct	*-12.91*	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	159.06	
		For Galvanized, Add	*59.23*	
		For Stainless Steel, Add	*414.58*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-7.02*	
		For >100, Deduct	*-14.04*	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	177.19	
		For Galvanized, Add	*62.50*	
		For Stainless Steel, Add	*437.47*	
		For >10 To 50, Deduct	*-2.61*	
		For >50 To 100, Deduct	*-8.34*	
		For >100, Deduct	*-16.69*	
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	123.63	
		For Galvanized, Add	*50.40*	
		For Stainless Steel, Add	*352.77*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-4.80*	
		For >100, Deduct	*-9.61*	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	133.92	
		For Galvanized, Add	*53.91*	
		For Stainless Steel, Add	*377.37*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-5.31*	
		For >100, Deduct	*-10.61*	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	145.37	
		For Galvanized, Add	*57.46*	
		For Stainless Steel, Add	*402.19*	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-5.92*	
		For >100, Deduct	*-11.84*	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	157.84	
		For Galvanized, Add	*60.65*	
		For Stainless Steel, Add	*424.55*	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-6.69*	
		For >100, Deduct	*-13.37*	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	168.89	
		For Galvanized, Add	*64.14*	
		For Stainless Steel, Add	*448.98*	
		For >10 To 50, Deduct	*-2.03*	
		For >50 To 100, Deduct	*-7.27*	
		For >100, Deduct	*-14.54*	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	183.85	
		For Galvanized, Add	*69.09*	
		For Stainless Steel, Add	*483.63*	
		For >10 To 50, Deduct	*-2.28*	
		For >50 To 100, Deduct	*-8.02*	
		For >100, Deduct	*-16.04*	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	206.68	
		For Galvanized, Add	*72.89*	
		For Stainless Steel, Add	*510.23*	
		For >10 To 50, Deduct	*-3.05*	
		For >50 To 100, Deduct	*-9.73*	
		For >100, Deduct	*-19.47*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.49
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.82
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.23
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.50	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.84	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.26	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.72	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.51	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.86	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.30	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.77	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.31	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.85	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.48	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.24	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.02	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.91	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	11.76	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	1.83	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.38	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.94	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.61	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.40	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.21	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.18	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	12.25	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.52	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.88	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.32	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.82	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.36	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.92	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.58	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.36	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.17	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.12	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	12.12	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.52	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	0.88	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.30	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	1.78	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.53	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	0.90	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.33	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	1.82	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.54	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	0.92	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.37	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	1.87	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	2.43	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	2.99	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	3.64	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	4.42	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	5.23	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	7.19	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	12.19	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	1.93	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	2.50	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	3.08	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	3.77	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	4.58	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	5.42	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	7.46	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	12.68	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.55	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.94	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.39	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.92	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.48	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.06	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.74	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.54	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.38	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	7.40	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	12.55	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.44	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.75	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.12	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	1.54	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	0.77	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.15	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	1.58	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.46	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	0.79	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.19	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	1.63	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.12	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	2.65	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	3.24	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	3.95	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	4.70	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	6.51	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	11.10	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	1.69	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	2.19	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	2.74	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	3.37	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	4.11	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	4.89	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	6.78	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	11.59	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.47	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.81	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.21	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.68	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.17	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.72	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.34	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.07	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.85	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.72	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	11.46	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.43	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.73	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.08	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.49	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.44	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.75	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.11	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.53	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.45	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.77	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.15	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.58	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.06	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.56	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.16	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.85	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.60	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.36	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	10.87	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	1.64	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.13	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.65	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.29	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.01	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.79	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.63	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	11.36	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.46	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.79	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.17	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.63	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.11	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.63	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.26	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.97	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.75	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.57	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	11.23	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.40	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.67	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.01	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.39	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.41	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.04	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.43	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.42	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.71	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.08	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.48	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.94	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.42	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.99	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.67	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.38	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.09	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	10.44	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	1.54	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.01	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.51	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.12	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.83	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.57	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.36	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	10.93	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.43	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.73	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.10	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.53	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.99	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.49	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.09	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.79	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.53	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.30	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	10.80	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.38	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.65	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	0.97	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.34	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.39	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.67	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.00	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.38	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.40	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.69	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.04	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.43	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	1.88	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	2.35	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	2.90	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	3.57	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	4.28	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	5.95	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	10.22	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.49	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	1.95	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	2.44	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	3.03	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	3.73	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	4.47	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	6.22	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	10.71	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.41	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.71	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.06	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.48	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.93	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.42	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.00	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.69	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.43	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.16	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	10.58	

03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	158.33	

03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	87.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 21 11 00-0240 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.22	
		For Up To 12" Length, Deduct	*-0.24*	
		For >12" To <24" Length, Deduct	*-0.12*	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	2.64	
		For Up To 12" Length, Deduct	*-0.32*	
		For >12" To <24" Length, Deduct	*-0.16*	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.19	
		For Up To 12" Length, Deduct	*-0.50*	
		For >12" To <24" Length, Deduct	*-0.25*	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	3.86	
		For Up To 12" Length, Deduct	*-0.73*	
		For >12" To <24" Length, Deduct	*-0.36*	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	4.52	
		For Up To 12" Length, Deduct	*-1.02*	
		For >12" To <24" Length, Deduct	*-0.51*	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	5.70	
		For Up To 12" Length, Deduct	*-1.30*	
		For >12" To <24" Length, Deduct	*-0.65*	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	6.71	
		For Up To 12" Length, Deduct	*-1.60*	
		For >12" To <24" Length, Deduct	*-0.80*	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	8.18	
		For Up To 12" Length, Deduct	*-2.10*	
		For >12" To <24" Length, Deduct	*-1.05*	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	9.68	
		For Up To 12" Length, Deduct	*-2.59*	
		For >12" To <24" Length, Deduct	*-1.29*	

03 21 11 00-0250 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,642.67	
		For Grade 75, Add	*174.32*	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,611.02	
		For Grade 75, Add	*174.32*	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,611.02	
		For Grade 75, Add	*174.32*	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,547.42	
		For Grade 75, Add	*174.32*	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,494.06	
		For Grade 75, Add	*174.32*	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,498.43	
		For Grade 75, Add	*178.61*	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,453.76	
		For Grade 75, Add	*178.61*	

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.58
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.99
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.49
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.05
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.59
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.00
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.52
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.09
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.61
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.03
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.55
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.15
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.81
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.51
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.32
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.31
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.33
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.80
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	15.11
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.20
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.89
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.60
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.45
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.46
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.52
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	9.07
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	15.60

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.61
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.05
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.56
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.62	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.06	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.59	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.19	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.64	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.09	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.62	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.25	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.93	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.65	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.48	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.49	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.54	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	9.08	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	15.54	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.30	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.01	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.74	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.61	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.64	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.73	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	9.35	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	16.03	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.53	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.92	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.38	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.91	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.54	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.93	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.41	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.95	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.56	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.96	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.44	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.01	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.62	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.31	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.08	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.02	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.01	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.40	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	14.45	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.06	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.70	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.40	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.21	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.17	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.20	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.67	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	14.94	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.52	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.90	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.34	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.86	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.53	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.91	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.37	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.90	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.55	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.94	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.40	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.96	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.56	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.22	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.00	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.92	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.91	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.25	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	14.22	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.01	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.64	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.31	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.13	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.07	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.10	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.52	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	14.71	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0113		Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.49	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.84	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.27	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.76	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.50	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.85	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.30	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.80	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.52	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.88	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.33	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.86	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.44	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.08	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.83	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.74	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.69	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.98	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	13.79	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.91	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.52	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.17	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.96	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.89	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.88	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.25	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	14.28	
03 21 13 00-0141		Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*		
		Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.47	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.82	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.23	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.71	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.48	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.83	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.26	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.75	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.50	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.86	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.29	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.81	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.38	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.01	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.74	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.64	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.59	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.84	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	13.57	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	1.86	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.46	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.10	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.87	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.79	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.78	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.11	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	14.06	
03 21 16		**Epoxy-Coated Reinforcement Steel Bars** *(03 21)*		
03 21 16 00-0001		Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*		
		Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.57	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.97	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.46	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.01	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.58	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.98	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.49	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.05	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.60	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.01	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.53	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.10	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.76	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.44	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.23	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.19	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.19	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	14.75	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.16	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.83	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.53	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.35	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.34	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.38	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.87	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	15.24	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.60	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.03	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.53	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.11	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.61	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.04	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.56	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.15	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.63	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.07	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.60	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.20	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.88	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.58	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.39	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.37	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	6.40	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.87	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	15.18	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	2.26	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	2.95	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.67	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.51	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.52	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.59	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	9.15	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	15.67	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.52	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.90	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.35	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.87	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.53	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.91	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.38	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.91	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.55	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.94	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.42	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.96	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.57	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.24	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.99	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.90	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.87	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	8.19	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	14.09	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.02	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.64	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.33	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.11	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.05	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.06	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	8.47	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	14.58	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.51	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.88	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.31	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.82	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.52	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.89	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.34	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.86	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.54	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.38	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.91	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.51	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.15	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.91	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.80	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.77	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.04	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	13.86	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.97	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.58	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.24	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.03	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.95	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.96	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.32	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	14.35	
03 21 16 00-0113		Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*		
		Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.48	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.82	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.24	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.72	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.49	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.83	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.27	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.76	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.51	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.86	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.31	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.81	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.39	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.01	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.74	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.62	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.55	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.77	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	13.43	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.87	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.46	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.10	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.86	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.77	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.74	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.05	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	13.92	
03 21 16 00-0141		Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*		
		Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.46	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.80	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.20	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.67	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.47	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.81	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.23	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.71	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.49	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.84	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.27	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.76	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.33	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.94	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.65	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.52	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.45	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.63	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	13.21	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	1.82	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.40	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.03	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.77	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.67	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.64	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.91	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	13.70	
03 21 16 00-0169		Epoxy Coated Deformed Straight Dowels *(03 21 16)*		
		Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.		
03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	2.60	
		For Up To 12" Length, Deduct	*-0.34*	
		For >12" To <24" Length, Deduct	*-0.17*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0171		EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	3.13	
			For Up To 12" Length, Deduct	*-0.52*	
			For >12" To <24" Length, Deduct	*-0.26*	
03 21 16 00-0172		EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	3.85	
			For Up To 12" Length, Deduct	*-0.77*	
			For >12" To <24" Length, Deduct	*-0.38*	
03 21 16 00-0173		EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.59	
			For Up To 12" Length, Deduct	*-1.02*	
			For >12" To <24" Length, Deduct	*-0.51*	
03 21 16 00-0174		EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.69	
			For Up To 12" Length, Deduct	*-1.39*	
			For >12" To <24" Length, Deduct	*-0.69*	
03 21 16 00-0175		EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.72	
			For Up To 12" Length, Deduct	*-1.71*	
			For >12" To <24" Length, Deduct	*-0.85*	
03 21 16 00-0176		EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.00	
			For Up To 12" Length, Deduct	*-2.07*	
			For >12" To <24" Length, Deduct	*-1.03*	
03 21 16 00-0177		EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	9.60	
			For Up To 12" Length, Deduct	*-2.50*	
			For >12" To <24" Length, Deduct	*-1.25*	

03 22 Fabric And Grid Reinforcing *(03 20)*

03 22 11 Plain Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002		SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.63	
			For >5 Ton, Deduct	*-0.10*	
03 22 11 00-0003		SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.72	
			For >5 Ton, Deduct	*-0.11*	
03 22 11 00-0004		SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.81	
			For >5 Ton, Deduct	*-0.12*	
03 22 11 00-0005		SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	0.96	
			For >5 Ton, Deduct	*-0.14*	
03 22 11 00-0006		SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.75	
			For >5 Ton, Deduct	*-0.11*	
03 22 11 00-0007		SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.84	
			For >5 Ton, Deduct	*-0.12*	
03 22 11 00-0008		SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.06	
			For >5 Ton, Deduct	*-0.15*	
03 22 11 00-0009		SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.23	
			For >5 Ton, Deduct	*-0.17*	
03 22 11 00-0010		SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.15	
			For >5 Ton, Deduct	*-0.15*	

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002		SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.70	
			For >5 Ton, Deduct	*-0.10*	
03 22 13 00-0003		SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.80	
			For >5 Ton, Deduct	*-0.12*	
03 22 13 00-0004		SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.92	
			For >5 Ton, Deduct	*-0.13*	
03 22 13 00-0005		SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.11	
			For >5 Ton, Deduct	*-0.15*	
03 22 13 00-0006		SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.85	
			For >5 Ton, Deduct	*-0.12*	
03 22 13 00-0007		SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.96	
			For >5 Ton, Deduct	*-0.13*	
03 22 13 00-0008		SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.25	
			For >5 Ton, Deduct	*-0.17*	
03 22 13 00-0009		SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.47	
			For >5 Ton, Deduct	*-0.19*	

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011		SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	2.47	
			For >5 Ton, Deduct	*-0.39*	

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002		SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.69	
			For >5 Ton, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.79	
		For >5 Ton, Deduct	*-0.12*	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.91	
		For >5 Ton, Deduct	*-0.13*	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.09	
		For >5 Ton, Deduct	*-0.15*	
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.84	
		For >5 Ton, Deduct	*-0.12*	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.95	
		For >5 Ton, Deduct	*-0.13*	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.23	
		For >5 Ton, Deduct	*-0.16*	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.44	
		For >5 Ton, Deduct	*-0.19*	

03 30 Cast-In-Place Concrete *(03)*

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 00 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Equipment Pads *(03 31 13)*

03 31 13 00-0002 Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0001)*

Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.

03 31 13 00-0003	SF	4" Equipment Pad With Welded Wire Reinforcement	13.88
03 31 13 00-0004	SF	4" Equipment Pad With Rebar	17.20
03 31 13 00-0005	SF	6" Equipment Pad With Rebar	21.59
03 31 13 00-0006	SF	8" Equipment Pad With Rebar	27.11

03 31 13 00-0007 Concrete Assemblies *(03 31 13)*

03 31 13 00-0008 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0007)*

Note: Includes forms, welded wire reinforcement (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 00 00-0001 for color additive alternative, 03 31 13 00-0094 for concrete pumping equipment.

03 31 13 00-0009	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	5.23
		For 2,000 PSI Concrete, Deduct	*-0.12*
		For 2,500 PSI Concrete, Deduct	*-0.06*
		For 3,500 PSI Concrete, Add	*0.04*
		For 4,000 PSI Concrete, Add	*0.14*
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*
		For Up To 500, Add	*2.25*
		For >500 To 1,000, Add	*1.53*
		For >1,000 To 2,000, Add	*0.82*
		For >2,000 To 5,000, Add	*0.41*
		For >10,000 To 20,000, Deduct	*-0.11*
		For >20,000 To 35,000, Deduct	*-0.24*
		For >35,000 To 50,000, Deduct	*-0.37*
		For >50,000 To 70,000, Deduct	*-0.50*
		For >70,000, Deduct	*-0.63*
03 31 13 00-0010	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	5.68
		For 2,000 PSI Concrete, Deduct	*-0.14*
		For 2,500 PSI Concrete, Deduct	*-0.07*
		For 3,500 PSI Concrete, Add	*0.05*
		For 4,000 PSI Concrete, Add	*0.16*
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*
		For Up To 500, Add	*2.39*
		For >500 To 1,000, Add	*1.64*
		For >1,000 To 2,000, Add	*0.88*
		For >2,000 To 5,000, Add	*0.44*
		For >10,000 To 20,000, Deduct	*-0.13*
		For >20,000 To 35,000, Deduct	*-0.27*
		For >35,000 To 50,000, Deduct	*-0.41*
		For >50,000 To 70,000, Deduct	*-0.55*
		For >70,000, Deduct	*-0.70*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0011	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	6.31	
		For 2,000 PSI Concrete, Deduct	*-0.16*	
		For 2,500 PSI Concrete, Deduct	*-0.08*	
		For 3,500 PSI Concrete, Add	*0.06*	
		For 4,000 PSI Concrete, Add	*0.19*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.60*	
		For >500 To 1,000, Add	*1.78*	
		For >1,000 To 2,000, Add	*0.97*	
		For >2,000 To 5,000, Add	*0.48*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000 To 35,000, Deduct	*-0.31*	
		For >35,000 To 50,000, Deduct	*-0.46*	
		For >50,000 To 70,000, Deduct	*-0.62*	
		For >70,000, Deduct	*-0.78*	
03 31 13 00-0012	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	6.90	
		For 2,000 PSI Concrete, Deduct	*-0.18*	
		For 2,500 PSI Concrete, Deduct	*-0.09*	
		For 3,500 PSI Concrete, Add	*0.06*	
		For 4,000 PSI Concrete, Add	*0.21*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.78*	
		For >500 To 1,000, Add	*1.91*	
		For >1,000 To 2,000, Add	*1.04*	
		For >2,000 To 5,000, Add	*0.52*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000 To 35,000, Deduct	*-0.34*	
		For >35,000 To 50,000, Deduct	*-0.52*	
		For >50,000 To 70,000, Deduct	*-0.69*	
		For >70,000, Deduct	*-0.86*	
03 31 13 00-0013	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.41	
		For 2,000 PSI Concrete, Deduct	*-0.20*	
		For 2,500 PSI Concrete, Deduct	*-0.10*	
		For 3,500 PSI Concrete, Add	*0.07*	
		For 4,000 PSI Concrete, Add	*0.24*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.93*	
		For >500 To 1,000, Add	*2.02*	
		For >1,000 To 2,000, Add	*1.10*	
		For >2,000 To 5,000, Add	*0.55*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000 To 35,000, Deduct	*-0.37*	
		For >35,000 To 50,000, Deduct	*-0.56*	
		For >50,000 To 70,000, Deduct	*-0.74*	
		For >70,000, Deduct	*-0.93*	
03 31 13 00-0014	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.68	
		For 2,000 PSI Concrete, Deduct	*-0.26*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.30*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.30*	
		For >500 To 1,000, Add	*2.28*	
		For >1,000 To 2,000, Add	*1.26*	
		For >2,000 To 5,000, Add	*0.63*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000 To 35,000, Deduct	*-0.46*	
		For >35,000 To 50,000, Deduct	*-0.67*	
		For >50,000 To 70,000, Deduct	*-0.89*	
		For >70,000, Deduct	*-1.11*	
03 31 13 00-0015	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.68	
		For 2,000 PSI Concrete, Deduct	*-0.30*	
		For 2,500 PSI Concrete, Deduct	*-0.15*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.35*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.61*	
		For >500 To 1,000, Add	*2.50*	
		For >1,000 To 2,000, Add	*1.39*	
		For >2,000 To 5,000, Add	*0.69*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000 To 35,000, Deduct	*-0.52*	
		For >35,000 To 50,000, Deduct	*-0.76*	
		For >50,000 To 70,000, Deduct	*-1.00*	
		For >70,000, Deduct	*-1.24*	

03 31 13 00-0016 Concrete Delivery And Placement *(03 31 13)*
Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 00 00-0001 for admixtures.

03 31 13 00-0017 Place Concrete By Method Indicated *(03 31 13 00-0016)*
Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 31 13 00-0094 for concrete pumping equipment.

03 31 13 00-0018 Place Concrete Pile Caps *(03 31 13 00-0017)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0019	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	187.16	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.69*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*38.06*	
		For >20 To 50, Add	*14.27*	
		For >100 To 200, Deduct	*-3.74*	
		For >200 To 400, Deduct	*-7.49*	
		For >400, Deduct	*-11.23*	
03 31 13 00-0020	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	135.59	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*17.44*	
		For >20 To 50, Add	*6.54*	
		For >100 To 200, Deduct	*-2.71*	
		For >200 To 400, Deduct	*-5.42*	
		For >400, Deduct	*-8.14*	
03 31 13 00-0021	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps	141.19	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*16.61*	
		For >20 To 50, Add	*6.23*	
		For >100 To 200, Deduct	*-2.82*	
		For >200 To 400, Deduct	*-5.65*	
		For >400, Deduct	*-8.47*	

03 31 13 00-0022 Place Concrete Continuous Footings *(03 31 13 00-0017)*

03 31 13 00-0023	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	176.58	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*33.84*	
		For >20 To 50, Add	*12.69*	
		For >100 To 200, Deduct	*-3.53*	
		For >200 To 400, Deduct	*-7.06*	
		For >400, Deduct	*-10.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0024	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	130.75	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*15.50*	
		For >20 To 50, Add	*5.81*	
		For >100 To 200, Deduct	*-2.62*	
		For >200 To 400, Deduct	*-5.23*	
		For >400, Deduct	*-7.85*	
03 31 13 00-0025	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	136.56	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*14.76*	
		For >20 To 50, Add	*5.54*	
		For >100 To 200, Deduct	*-2.73*	
		For >200 To 400, Deduct	*-5.46*	
		For >400, Deduct	*-8.19*	

03 31 13 00-0026 Place Concrete Spread Footings *(03 31 13 00-0017)*

03 31 13 00-0027	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	234.73	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*57.10*	
		For >20 To 50, Add	*21.41*	
		For >100 To 200, Deduct	*-4.69*	
		For >200 To 400, Deduct	*-9.39*	
		For >400, Deduct	*-14.08*	
03 31 13 00-0028	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	157.39	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*26.16*	
		For >20 To 50, Add	*9.81*	
		For >100 To 200, Deduct	*-3.15*	
		For >200 To 400, Deduct	*-6.30*	
		For >400, Deduct	*-9.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0029	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	161.95	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*24.92*	
		For >20 To 50, Add	*9.34*	
		For >100 To 200, Deduct	*-3.24*	
		For >200 To 400, Deduct	*-6.48*	
		For >400, Deduct	*-9.72*	

03 31 13 00-0030 Place Concrete Mat Foundation *(03 31 13 00-0017)*

03 31 13 00-0031	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	117.37	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*10.15*	
		For >20 To 50, Add	*3.81*	
		For >100 To 200, Deduct	*-2.35*	
		For >200 To 400, Deduct	*-4.69*	
		For >400, Deduct	*-7.04*	
03 31 13 00-0032	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	103.62	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*4.65*	
		For >20 To 50, Add	*1.74*	
		For >100 To 200, Deduct	*-2.07*	
		For >200 To 400, Deduct	*-4.14*	
		For >400, Deduct	*-6.22*	
03 31 13 00-0033	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	109.35	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*3.88*	
		For >20 To 50, Add	*1.45*	
		For >100 To 200, Deduct	*-2.19*	
		For >200 To 400, Deduct	*-4.37*	
		For >400, Deduct	*-6.56*	

03 31 13 00-0034 Place Concrete Grade Beams *(03 31 13 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0035	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	159.66	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*27.07*	
		For >20 To 50, Add	*10.15*	
		For >100 To 200, Deduct	*-3.19*	
		For >200 To 400, Deduct	*-6.39*	
		For >400, Deduct	*-9.58*	
03 31 13 00-0036	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	123.00	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*12.40*	
		For >20 To 50, Add	*4.65*	
		For >100 To 200, Deduct	*-2.46*	
		For >200 To 400, Deduct	*-4.92*	
		For >400, Deduct	*-7.38*	
03 31 13 00-0037	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	129.19	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*11.81*	
		For >20 To 50, Add	*4.43*	
		For >100 To 200, Deduct	*-2.58*	
		For >200 To 400, Deduct	*-5.17*	
		For >400, Deduct	*-7.75*	

03 31 13 00-0038 Place Concrete Slab On Grade *(03 31 13 00-0017)*

03 31 13 00-0039	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	161.25	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*27.70*	
		For >20 To 50, Add	*10.39*	
		For >100 To 200, Deduct	*-3.23*	
		For >200 To 400, Deduct	*-6.45*	
		For >400, Deduct	*-9.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0040	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	144.54	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*21.02*	
		For >20 To 50, Add	*7.88*	
		For >100 To 200, Deduct	*-2.89*	
		For >200 To 400, Deduct	*-5.78*	
		For >400, Deduct	*-8.67*	
03 31 13 00-0041	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	123.72	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*12.69*	
		For >20 To 50, Add	*4.76*	
		For >100 To 200, Deduct	*-2.47*	
		For >200 To 400, Deduct	*-4.95*	
		For >400, Deduct	*-7.42*	
03 31 13 00-0042	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	116.07	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*9.63*	
		For >20 To 50, Add	*3.61*	
		For >100 To 200, Deduct	*-2.32*	
		For >200 To 400, Deduct	*-4.64*	
		For >400, Deduct	*-6.96*	
03 31 13 00-0043	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	126.11	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*10.58*	
		For >20 To 50, Add	*3.97*	
		For >100 To 200, Deduct	*-2.52*	
		For >200 To 400, Deduct	*-5.04*	
		For >400, Deduct	*-7.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0044	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	119.73	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*8.03*	
		For >20 To 50, Add	*3.01*	
		For >100 To 200, Deduct	*-2.39*	
		For >200 To 400, Deduct	*-4.79*	
		For >400, Deduct	*-7.18*	

03 31 13 00-0045 Place Concrete Duct Bank *(03 31 13 00-0017)*

03 31 13 00-0046	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	118.25	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*10.50*	
		For >20 To 50, Add	*3.94*	
		For >100 To 200, Deduct	*-2.37*	
		For >200 To 400, Deduct	*-4.73*	
		For >400, Deduct	*-7.10*	

03 31 13 00-0047 Place Concrete Stairs *(03 31 13 00-0017)*

03 31 13 00-0048	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	403.61	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*124.65*	
		For >20 To 50, Add	*46.74*	
		For >100 To 200, Deduct	*-8.07*	
		For >200 To 400, Deduct	*-16.14*	
		For >400, Deduct	*-24.22*	
03 31 13 00-0049	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	234.78	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*57.12*	
		For >20 To 50, Add	*21.42*	
		For >100 To 200, Deduct	*-4.70*	
		For >200 To 400, Deduct	*-9.39*	
		For >400, Deduct	*-14.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0050	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs	218.67	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*47.60*	
		For >20 To 50, Add	*17.85*	
		For >100 To 200, Deduct	*-4.37*	
		For >200 To 400, Deduct	*-8.75*	
		For >400, Deduct	*-13.12*	

03 31 13 00-0051 Place Concrete Thrust Blocks And Backfill *(03 31 13 00-0017)*

03 31 13 00-0052	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	161.76	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.69*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	

03 31 13 00-0053 Place Concrete Slurry *(03 31 13 00-0017)*

Note: 2 bag cement per CY.

03 31 13 00-0054	CY	Direct Chute, Place 1,200 PSI Concrete Slurry	150.26	
03 31 13 00-0055	CY	Concrete Pump, Place 1,200 PSI Concrete Slurry	138.61	
		Note: Excludes pumping equipment.		

03 31 13 00-0056 Hand Mix And Place Concrete *(03 31 13 00-0017)*

03 31 13 00-0057	CF	Hand Mix And Place Concrete	26.86	
		Note: For use where conventional equipment access is limited or when directed by the owner.		
		For 2,000 PSI Concrete, Deduct	*-0.21*	
		For 2,500 PSI Concrete, Deduct	*-0.11*	
		For 3,500 PSI Concrete, Add	*0.20*	

03 31 13 00-0058 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0016)*

See CSI section 03 31 13 00-0094 for concrete pump truck.

03 31 13 00-0059 Place Elevated Concrete Beams *(03 31 13 00-0058)*

03 31 13 00-0060	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	261.16	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*67.67*	
		For >20 To 50, Add	*25.38*	
		For >100 To 200, Deduct	*-5.22*	
		For >200 To 400, Deduct	*-10.45*	
		For >400, Deduct	*-15.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0061	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	173.48	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*29.53*	
		For >20 To 50, Add	*11.07*	
		For >100 To 200, Deduct	*-3.47*	
		For >200 To 400, Deduct	*-6.94*	
		For >400, Deduct	*-10.41*	

03 31 13 00-0062 Place Elevated Concrete Slab *(03 31 13 00-0058)*

03 31 13 00-0063	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	171.64	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*31.86*	
		For >20 To 50, Add	*11.95*	
		For >100 To 200, Deduct	*-3.43*	
		For >200 To 400, Deduct	*-6.87*	
		For >400, Deduct	*-10.30*	
03 31 13 00-0064	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	152.42	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*24.17*	
		For >20 To 50, Add	*9.06*	
		For >100 To 200, Deduct	*-3.05*	
		For >200 To 400, Deduct	*-6.10*	
		For >400, Deduct	*-9.15*	
03 31 13 00-0065	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	134.42	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*13.90*	
		For >20 To 50, Add	*5.21*	
		For >100 To 200, Deduct	*-2.69*	
		For >200 To 400, Deduct	*-5.38*	
		For >400, Deduct	*-8.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0066	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	126.03	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*10.55*	
		For >20 To 50, Add	*3.96*	
		For >100 To 200, Deduct	*-2.52*	
		For >200 To 400, Deduct	*-5.04*	
		For >400, Deduct	*-7.56*	

03 31 13 00-0067 Place Concrete Columns *(03 31 13 00-0058)*

03 31 13 00-0068	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	274.70	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*73.08*	
		For >20 To 50, Add	*27.41*	
		For >100 To 200, Deduct	*-5.49*	
		For >200 To 400, Deduct	*-10.99*	
		For >400, Deduct	*-16.48*	
03 31 13 00-0069	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	224.79	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*53.12*	
		For >20 To 50, Add	*19.92*	
		For >100 To 200, Deduct	*-4.50*	
		For >200 To 400, Deduct	*-8.99*	
		For >400, Deduct	*-13.49*	
03 31 13 00-0070	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	189.10	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*38.84*	
		For >20 To 50, Add	*14.57*	
		For >100 To 200, Deduct	*-3.78*	
		For >200 To 400, Deduct	*-7.56*	
		For >400, Deduct	*-11.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0071	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	173.20	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*32.48*	
		For >20 To 50, Add	*12.18*	
		For >100 To 200, Deduct	*-3.46*	
		For >200 To 400, Deduct	*-6.93*	
		For >400, Deduct	*-10.39*	
03 31 13 00-0072	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	179.39	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*31.89*	
		For >20 To 50, Add	*11.96*	
		For >100 To 200, Deduct	*-3.59*	
		For >200 To 400, Deduct	*-7.18*	
		For >400, Deduct	*-10.76*	
03 31 13 00-0073	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	157.61	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*23.18*	
		For >20 To 50, Add	*8.69*	
		For >100 To 200, Deduct	*-3.15*	
		For >200 To 400, Deduct	*-6.30*	
		For >400, Deduct	*-9.46*	
03 31 13 00-0074	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	142.03	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*16.95*	
		For >20 To 50, Add	*6.36*	
		For >100 To 200, Deduct	*-2.84*	
		For >200 To 400, Deduct	*-5.68*	
		For >400, Deduct	*-8.52*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0075	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	135.09	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*14.17*	
		For >20 To 50, Add	*5.31*	
		For >100 To 200, Deduct	*-2.70*	
		For >200 To 400, Deduct	*-5.40*	
		For >400, Deduct	*-8.11*	

03 31 13 00-0076 Place Concrete Walls *(03 31 13 00-0058)*

03 31 13 00-0077	CY	8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	263.28	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*68.52*	
		For >20 To 50, Add	*25.69*	
		For >100 To 200, Deduct	*-5.27*	
		For >200 To 400, Deduct	*-10.53*	
		For >400, Deduct	*-15.80*	
03 31 13 00-0078	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	249.07	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*62.83*	
		For >20 To 50, Add	*23.56*	
		For >100 To 200, Deduct	*-4.98*	
		For >200 To 400, Deduct	*-9.96*	
		For >400, Deduct	*-14.94*	
03 31 13 00-0079	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	211.89	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*47.96*	
		For >20 To 50, Add	*17.99*	
		For >100 To 200, Deduct	*-4.24*	
		For >200 To 400, Deduct	*-8.48*	
		For >400, Deduct	*-12.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0080	CY	8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	170.47	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*31.39*	
		For >20 To 50, Add	*11.77*	
		For >100 To 200, Deduct	*-3.41*	
		For >200 To 400, Deduct	*-6.82*	
		For >400, Deduct	*-10.23*	
03 31 13 00-0081	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	154.77	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*25.11*	
		For >20 To 50, Add	*9.42*	
		For >100 To 200, Deduct	*-3.10*	
		For >200 To 400, Deduct	*-6.19*	
		For >400, Deduct	*-9.29*	
03 31 13 00-0082	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	146.93	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*21.98*	
		For >20 To 50, Add	*8.24*	
		For >100 To 200, Deduct	*-2.94*	
		For >200 To 400, Deduct	*-5.88*	
		For >400, Deduct	*-8.82*	
03 31 13 00-0083	CY	8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	174.40	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*29.90*	
		For >20 To 50, Add	*11.21*	
		For >100 To 200, Deduct	*-3.49*	
		For >200 To 400, Deduct	*-6.98*	
		For >400, Deduct	*-10.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0084	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	159.45	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*23.92*	
		For >20 To 50, Add	*8.97*	
		For >100 To 200, Deduct	*-3.19*	
		For >200 To 400, Deduct	*-6.38*	
		For >400, Deduct	*-9.57*	
03 31 13 00-0085	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	151.98	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*20.93*	
		For >20 To 50, Add	*7.85*	
		For >100 To 200, Deduct	*-3.04*	
		For >200 To 400, Deduct	*-6.08*	
		For >400, Deduct	*-9.12*	

03 31 13 00-0086 Place Elevated Concrete Stairs *(03 31 13 00-0058)*

03 31 13 00-0087	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	438.27	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*138.51*	
		For >20 To 50, Add	*51.94*	
		For >100 To 200, Deduct	*-8.77*	
		For >200 To 400, Deduct	*-17.53*	
		For >400, Deduct	*-26.30*	
03 31 13 00-0088	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	250.64	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*63.46*	
		For >20 To 50, Add	*23.80*	
		For >100 To 200, Deduct	*-5.01*	
		For >200 To 400, Deduct	*-10.03*	
		For >400, Deduct	*-15.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0089	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	231.87	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*52.88*	
		For >20 To 50, Add	*19.83*	
		For >100 To 200, Deduct	*-4.64*	
		For >200 To 400, Deduct	*-9.27*	
		For >400, Deduct	*-13.91*	

03 31 13 00-0090 Place Concrete Coping *(03 31 13 00-0058)*

03 31 13 00-0091	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	450.24	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*143.30*	
		For >20 To 50, Add	*53.74*	
		For >100 To 200, Deduct	*-9.00*	
		For >200 To 400, Deduct	*-18.01*	
		For >400, Deduct	*-27.01*	
03 31 13 00-0092	CY	Direct Chute, Place 3,000 PSI Concrete Coping	249.58	
		For 2,000 PSI Concrete, Deduct	*-4.97*	
		For 2,500 PSI Concrete, Deduct	*-2.48*	
		For 3,500 PSI Concrete, Add	*4.60*	
		For 3,750 PSI Concrete, Add	*6.26*	
		For 4,000 PSI Concrete, Add	*7.91*	
		For 4,500 PSI Concrete, Add	*9.20*	
		For 5,000 PSI Concrete, Add	*10.49*	
		For 6,000 PSI Concrete, Add	*24.84*	
		For 7,500 PSI Concrete, Add	*61.68*	
		For White Cement Concrete, Add	*11.04*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*11.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.20*	
		For Lightweight Aggregate, ASTM C330, Add	*27.60*	
		For Up To 20, Add	*63.04*	
		For >20 To 50, Add	*23.64*	
		For >100 To 200, Deduct	*-4.99*	
		For >200 To 400, Deduct	*-9.98*	
		For >400, Deduct	*-14.97*	
03 31 13 00-0093	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	338.36	
		For 2,000 PSI Concrete, Deduct	*-5.38*	
		For 2,500 PSI Concrete, Deduct	*-2.69*	
		For 3,500 PSI Concrete, Add	*4.98*	
		For 3,750 PSI Concrete, Add	*6.78*	
		For 4,000 PSI Concrete, Add	*8.57*	
		For 4,500 PSI Concrete, Add	*9.97*	
		For 5,000 PSI Concrete, Add	*11.36*	
		For 6,000 PSI Concrete, Add	*26.91*	
		For 7,500 PSI Concrete, Add	*66.82*	
		For White Cement Concrete, Add	*11.96*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.96*	
		For High Early Strength, Type 3 ASTM C150, Add	*9.97*	
		For Lightweight Aggregate, ASTM C330, Add	*29.90*	
		For Up To 20, Add	*95.48*	
		For >20 To 50, Add	*35.81*	
		For >100 To 200, Deduct	*-6.77*	
		For >200 To 400, Deduct	*-13.53*	
		For >400, Deduct	*-20.30*	

03 31 13 00-0094 Concrete Pumping With Boom Truck *(03 31 13 00-0016)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach.

03 31 13 00-0095	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	171.77	
03 31 13 00-0096	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	186.67	
03 31 13 00-0097	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	234.77	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0098	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	265.92	
03 31 13 00-0099	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	298.12	
03 31 13 00-0100	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	366.37	
03 31 13 00-0101	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	412.17	
03 31 13 00-0102	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	510.82	
03 31 13 00-0103	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	119.47	
03 31 13 00-0104		Concrete Carts *(03 31 13 00-0016)* Note: Used to place concrete were necessary.		
03 31 13 00-0105	CY	50' Haul, Non Motorized, Concrete Buggy	19.05	
03 31 13 00-0106	CY	150' Haul, Non Motorized, Concrete Buggy	25.51	
03 31 13 00-0107	CY	250' Haul, Non Motorized, Concrete Buggy	34.02	
03 31 13 00-0108	CY	50' Haul, Motorized, Concrete Buggy	8.12	
03 31 13 00-0109	CY	150' Haul, Motorized, Concrete Buggy	10.88	
03 31 13 00-0110	CY	250' Haul, Motorized, Concrete Buggy	14.50	
03 31 13 00-0111		Delivery Fee For Small Purchases *(03 31 13)*		
03 31 13 00-0112	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	17.02	
03 31 13 00-0113		Delivery Fee For Concrete, Per Truck Load *(03 31 13)*		
03 31 13 00-0114	EA	Concrete Delivery Fee, Per Truck Note: To be added to all concrete leaving concrete yard	40.00	

03 35 Concrete Finishing *(03 30)*

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001		Floor Finishes *(03 35 16)* Note: Task is for final finish type and includes all required prior finishes.		
03 35 16 00-0002	SF	Screed, Concrete Floor Finish	0.78	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	
03 35 16 00-0003	SF	Darby, Concrete Floor Finish	0.94	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.24*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.09*	
03 35 16 00-0004	SF	Broom, Concrete Floor Finish	1.04	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000, Deduct	*-0.10*	
03 35 16 00-0005	SF	Final Float, Concrete Floor Finish	1.20	
		For Up To 100, Add	*2.40*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.30*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	
03 35 16 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.36	
		For Up To 100, Add	*2.72*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.34*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.14*	

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001		Exposed Aggregate, Concrete Finish *(03 35 23)*		
03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	2.26	

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001		Ramp, Grooved Concrete Surface Finishing *(03 35 26)*		
03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	3.22	

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001		Solid Board Concrete Finish *(03 35 29)*		
03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	12.81	
03 35 29 00-0003		Marblecrete Finishes *(03 35 29)*		
03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	23.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	31.24	

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	3.08
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	2.79
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	2.67

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.10
		For Up To 500, Add	*2.13*
		For >500 To 1,000, Add	*1.98*
		For >1,000 To 2,500, Add	*1.31*
		For >2,500 To 4,000, Add	*0.68*
		For >8,000 To 15,000, Deduct	*-0.26*
		For >15,000 To 25,000, Deduct	*-0.34*
		For >25,000, Deduct	*-0.47*
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.10
		For Up To 500, Add	*2.13*
		For >500 To 1,000, Add	*1.98*
		For >1,000 To 2,500, Add	*1.31*
		For >2,500 To 4,000, Add	*0.68*
		For >8,000 To 15,000, Deduct	*-0.26*
		For >15,000 To 25,000, Deduct	*-0.34*
		For >25,000, Deduct	*-0.47*
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	0.66
		For Up To 500, Add	*1.28*
		For >500 To 1,000, Add	*1.19*
		For >1,000 To 2,500, Add	*0.79*
		For >2,500 To 4,000, Add	*0.41*
		For >8,000 To 15,000, Deduct	*-0.16*
		For >15,000 To 25,000, Deduct	*-0.20*
		For >25,000, Deduct	*-0.28*
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	0.95
		For Up To 500, Add	*1.84*
		For >500 To 1,000, Add	*1.71*
		For >1,000 To 2,500, Add	*1.13*
		For >2,500 To 4,000, Add	*0.59*
		For >8,000 To 15,000, Deduct	*-0.23*
		For >15,000 To 25,000, Deduct	*-0.29*
		For >25,000, Deduct	*-0.41*
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.66
		For Up To 500, Add	*1.28*
		For >500 To 1,000, Add	*1.19*
		For >1,000 To 2,500, Add	*0.79*
		For >2,500 To 4,000, Add	*0.41*
		For >8,000 To 15,000, Deduct	*-0.16*
		For >15,000 To 25,000, Deduct	*-0.20*
		For >25,000, Deduct	*-0.28*
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.66
		For Up To 500, Add	*1.28*
		For >500 To 1,000, Add	*1.19*
		For >1,000 To 2,500, Add	*0.79*
		For >2,500 To 4,000, Add	*0.41*
		For >8,000 To 15,000, Deduct	*-0.16*
		For >15,000 To 25,000, Deduct	*-0.20*
		For >25,000, Deduct	*-0.28*
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.66
		For Up To 500, Add	*1.28*
		For >500 To 1,000, Add	*1.19*
		For >1,000 To 2,500, Add	*0.79*
		For >2,500 To 4,000, Add	*0.41*
		For >8,000 To 15,000, Deduct	*-0.16*
		For >15,000 To 25,000, Deduct	*-0.20*
		For >25,000, Deduct	*-0.28*
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.66
		For Up To 500, Add	*1.28*
		For >500 To 1,000, Add	*1.19*
		For >1,000 To 2,500, Add	*0.79*
		For >2,500 To 4,000, Add	*0.41*
		For >8,000 To 15,000, Deduct	*-0.16*
		For >15,000 To 25,000, Deduct	*-0.20*
		For >25,000, Deduct	*-0.28*
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.17
		For Up To 500, Add	*0.33*
		For >500 To 1,000, Add	*0.31*
		For >1,000 To 2,500, Add	*0.20*
		For >2,500 To 4,000, Add	*0.11*
		For >8,000 To 15,000, Deduct	*-0.04*
		For >15,000 To 25,000, Deduct	*-0.05*
		For >25,000, Deduct	*-0.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier	0.22	
		For Up To 500, Add	*0.43*	
		For >500 To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.26*	
		For >2,500 To 4,000, Add	*0.14*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector	0.22	
		For Up To 500, Add	*0.43*	
		For >500 To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.26*	
		For >2,500 To 4,000, Add	*0.14*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.09*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.11	
		For Up To 500, Add	*0.21*	
		For >500 To 1,000, Add	*0.20*	
		For >1,000 To 2,500, Add	*0.13*	
		For >2,500 To 4,000, Add	*0.07*	
		For >8,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 25,000, Deduct	*-0.03*	
		For >25,000, Deduct	*-0.05*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	0.92	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.19*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.04	
		For Up To 100, Add	*1.50*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.19*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.65	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.04*	

03 35 83 Wall Finishes *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.35	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.33*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.13*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.05	
		For Up To 100, Add	*3.94*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.49*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000, Deduct	*-0.20*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	0.72	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.04*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	4.18	
		For Up To 100, Add	*8.30*	
		For >100 To 250, Add	*2.08*	
		For >250 To 500, Add	*1.04*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.42*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	6.47	
		For Up To 100, Add	*12.84*	
		For >100 To 250, Add	*3.21*	
		For >250 To 500, Add	*1.61*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000, Deduct	*-0.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.77	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.07*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	2.69	
		For Up To 100, Add	*5.24*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.66*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000, Deduct	*-0.26*	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	4.10	
		For Up To 100, Add	*8.06*	
		For >100 To 250, Add	*2.02*	
		For >250 To 500, Add	*1.01*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000, Deduct	*-0.40*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes	2.59	
		For Up To 100, Add	*4.46*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.56*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000, Deduct	*-0.22*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes	7.25	
		For Up To 100, Add	*13.08*	
		For >100 To 250, Add	*3.27*	
		For >250 To 500, Add	*1.64*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000, Deduct	*-0.65*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.28	
		For Up To 25, Add	*0.56*	
		For >25 To 50, Add	*0.32*	
		For >50 To 150, Add	*0.11*	
		For High Strength Shotcrete Repair, Add	*0.96*	
		For Polymer Modified Shotcrete, Add	*0.83*	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced	4.63	
		For Up To 25, Add	*0.76*	
		For >25 To 50, Add	*0.43*	
		For >50 To 150, Add	*0.15*	
		For High Strength Shotcrete Repair, Add	*1.32*	
		For Polymer Modified Shotcrete, Add	*1.19*	
03 37 13 00-0004	SF	2" Thick Shotcrete, Fiber Reinforced	6.28	
		For Up To 25, Add	*1.04*	
		For >25 To 50, Add	*0.59*	
		For >50 To 150, Add	*0.21*	
		For High Strength Shotcrete Repair, Add	*1.81*	
		For Polymer Modified Shotcrete, Add	*1.61*	
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced	7.47	
		For Up To 25, Add	*1.21*	
		For >25 To 50, Add	*0.68*	
		For >50 To 150, Add	*0.23*	
		For High Strength Shotcrete Repair, Add	*2.11*	
		For Polymer Modified Shotcrete, Add	*1.94*	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced	9.00	
		For Up To 25, Add	*1.46*	
		For >25 To 50, Add	*0.82*	
		For >50 To 150, Add	*0.28*	
		For High Strength Shotcrete Repair, Add	*2.54*	
		For Polymer Modified Shotcrete, Add	*2.33*	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced	11.52	
		For Up To 25, Add	*1.82*	
		For >25 To 50, Add	*1.02*	
		For >50 To 150, Add	*0.33*	
		For High Strength Shotcrete Repair, Add	*3.20*	
		For Polymer Modified Shotcrete, Add	*3.01*	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced	15.99	
		For Up To 25, Add	*2.41*	
		For >25 To 50, Add	*1.34*	
		For >50 To 150, Add	*0.41*	
		For High Strength Shotcrete Repair, Add	*4.28*	
		For Polymer Modified Shotcrete, Add	*4.26*	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	3.31	
		For Radius Or Irregular Surface, Add	*0.84*	
		For Up To 25, Add	*0.65*	
		For >25 To 50, Add	*0.38*	
		For >50 To 150, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0011	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	6.18	
		For Radius Or Irregular Surface, Add	*1.51*	
		For Up To 25, Add	*1.19*	
		For >25 To 50, Add	*0.69*	
		For >50 To 150, Add	*0.28*	
03 37 13 00-0012	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	8.71	
		For Radius Or Irregular Surface, Add	*2.04*	
		For Up To 25, Add	*1.64*	
		For >25 To 50, Add	*0.95*	
		For >50 To 150, Add	*0.38*	
03 37 13 00-0013	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.92	
		For Radius Or Irregular Surface, Add	*2.45*	
		For Up To 25, Add	*2.01*	
		For >25 To 50, Add	*1.16*	
		For >50 To 150, Add	*0.46*	
03 37 13 00-0014	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	12.90	
		For Radius Or Irregular Surface, Add	*2.76*	
		For Up To 25, Add	*2.32*	
		For >25 To 50, Add	*1.33*	
		For >50 To 150, Add	*0.52*	
03 37 13 00-0015	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	14.65	
		For Radius Or Irregular Surface, Add	*2.98*	
		For Up To 25, Add	*2.58*	
		For >25 To 50, Add	*1.48*	
		For >50 To 150, Add	*0.56*	
03 37 13 00-0016	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	18.53	
		For Radius Or Irregular Surface, Add	*3.57*	
		For Up To 25, Add	*3.19*	
		For >25 To 50, Add	*1.82*	
		For >50 To 150, Add	*0.67*	
03 37 13 00-0017	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	22.05	
		For Radius Or Irregular Surface, Add	*4.02*	
		For Up To 25, Add	*3.71*	
		For >25 To 50, Add	*2.11*	
		For >50 To 150, Add	*0.75*	
03 37 13 00-0018	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.25	
		For Radius Or Irregular Surface, Add	*4.34*	
		For Up To 25, Add	*4.15*	
		For >25 To 50, Add	*2.35*	
		For >50 To 150, Add	*0.81*	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	GAL	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	36.47

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Concrete Curing Materials And Compounds *(03 39 23 23)*

03 39 23 23-0002	CSF	7.5 Oz Burlap, Concrete Curing Blanket	28.60
03 39 23 23-0003	CSF	9 Oz Burlap, Concrete Curing Blanket	29.71
03 39 23 23-0004	CSF	12 Oz Burlap, Concrete Curing Blanket	30.20
03 39 23 23-0005	CSF	2 Ply Reinforced, Concrete Curing Waterproof Paper	26.59
03 39 23 23-0006	CSF	Curing Paper	8.22

03 39 33 Concrete Surface Treatments *(03 39)*

03 39 33 00-0001 Concrete Surface Treatments *(03 39 33)*

03 39 33 00-0002	SF	Acrylic Latex Bonding Agent	0.39
03 39 33 00-0003	SF	Epoxy Resin Bonding Agent	2.02
03 39 33 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.25
03 39 33 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.26

03 39 33 00-0006 Shake On Floor Hardeners *(03 39 33)*

03 39 33 00-0007	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	0.91
03 39 33 00-0008	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.34
03 39 33 00-0009	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	0.87
03 39 33 00-0010	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.00

03 39 33 00-0011 Concrete Surface Waterproofing Treatments *(03 39 33)*

03 39 33 00-0012	SF	XYPEX Concrete Waterproofing System Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified	4.62

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	267.70	214.17
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	297.58	238.02
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	315.99	252.78
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	334.98	268.00
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	358.49	286.78
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	383.14	306.51
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	411.42	329.12
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	447.46	357.94
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	486.52	389.27

03 41 16 00-0012 Material Cost *(03 41 16 00-0001)*

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	7.69
		For 3,500 PSI Concrete, Add	*0.15*
		For 4,000 PSI Concrete, Add	*0.23*
		For 4,500 PSI Concrete, Add	*0.31*
		For 5,000 PSI Concrete, Add	*0.46*
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	9.22
		For 3,500 PSI Concrete, Add	*0.18*
		For 4,000 PSI Concrete, Add	*0.28*
		For 4,500 PSI Concrete, Add	*0.37*
		For 5,000 PSI Concrete, Add	*0.55*
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	11.27
		For 3,500 PSI Concrete, Add	*0.23*
		For 4,000 PSI Concrete, Add	*0.34*
		For 4,500 PSI Concrete, Add	*0.45*
		For 5,000 PSI Concrete, Add	*0.68*
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	14.96
		For 3,500 PSI Concrete, Add	*0.30*
		For 4,000 PSI Concrete, Add	*0.45*
		For 4,500 PSI Concrete, Add	*0.60*
		For 5,000 PSI Concrete, Add	*0.90*

03 41 16 00-0017 Floor Units, Combination Beam And Slab *(03 41 16)*

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	330.33	264.25
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	360.05	288.07
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	397.94	318.32
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	441.87	353.48
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	496.71	397.33

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	415.19	332.18
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	452.54	362.00
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	500.17	400.16
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	555.38	444.32
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	624.30	499.49
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	678.80	543.00
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	750.26	600.20
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	830.38	664.34
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	939.88	751.91

03 41 16 00-0034 Material Cost *(03 41 16 00-0017)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab *(03 41 16 00-0034)*

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	809.53
		For 3,500 PSI Concrete, Add	*16.19*
		For 4,000 PSI Concrete, Add	*24.29*
		For 4,500 PSI Concrete, Add	*32.38*
		For 5,000 PSI Concrete, Add	*48.57*
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	819.78
		For 3,500 PSI Concrete, Add	*16.40*
		For 4,000 PSI Concrete, Add	*24.59*
		For 4,500 PSI Concrete, Add	*32.79*
		For 5,000 PSI Concrete, Add	*49.19*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	922.25	
		For 3,500 PSI Concrete, Add	*18.45*	
		For 4,000 PSI Concrete, Add	*27.67*	
		For 4,500 PSI Concrete, Add	*36.89*	
		For 5,000 PSI Concrete, Add	*55.34*	

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	830.03	
		For 3,500 PSI Concrete, Add	*16.60*	
		For 4,000 PSI Concrete, Add	*24.90*	
		For 4,500 PSI Concrete, Add	*33.20*	
		For 5,000 PSI Concrete, Add	*49.80*	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	860.77	
		For 3,500 PSI Concrete, Add	*17.22*	
		For 4,000 PSI Concrete, Add	*25.82*	
		For 4,500 PSI Concrete, Add	*34.43*	
		For 5,000 PSI Concrete, Add	*51.65*	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	1,096.45	
		For 3,500 PSI Concrete, Add	*21.93*	
		For 4,000 PSI Concrete, Add	*32.89*	
		For 4,500 PSI Concrete, Add	*43.86*	
		For 5,000 PSI Concrete, Add	*65.79*	

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	860.77	
		For 3,500 PSI Concrete, Add	*17.22*	
		For 4,000 PSI Concrete, Add	*25.82*	
		For 4,500 PSI Concrete, Add	*34.43*	
		For 5,000 PSI Concrete, Add	*51.65*	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	1,024.72	
		For 3,500 PSI Concrete, Add	*20.49*	
		For 4,000 PSI Concrete, Add	*30.74*	
		For 4,500 PSI Concrete, Add	*40.99*	
		For 5,000 PSI Concrete, Add	*61.48*	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	1,250.16	
		For 3,500 PSI Concrete, Add	*25.00*	
		For 4,000 PSI Concrete, Add	*37.50*	
		For 4,500 PSI Concrete, Add	*50.01*	
		For 5,000 PSI Concrete, Add	*75.01*	

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	263.30	210.65
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	292.69	234.11
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	329.48	263.60
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	352.60	282.07
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	376.84	301.47
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	404.66	323.71
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	440.10	352.06
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	478.53	382.87

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	297.15	237.69
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	330.33	264.25
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	371.85	297.52
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	397.94	318.32
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	425.30	340.24
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	456.70	365.38
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	496.71	397.33
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	540.07	432.01
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	596.92	477.57
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	660.67	528.51
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	747.78	598.26
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	850.60	680.48
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	986.21	788.98

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	10.25	
		For 3,500 PSI Concrete, Add	*0.21*	
		For 4,000 PSI Concrete, Add	*0.31*	
		For 4,500 PSI Concrete, Add	*0.41*	
		For 5,000 PSI Concrete, Add	*0.62*	
		For White Facing, Add	*2.05*	
		For Solid White Through Thickness, Add	*2.05*	
		For Broken Rib Finish, Add	*1.03*	
		For Fluted Surface, Add	*1.03*	
		For Exposed Aggregate, Add	*2.05*	
		For Sandblasting Of Surface, Add	*1.03*	
		For 2" Polystyrene Insulation, Add	*1.15*	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	12.60	
		For 3,500 PSI Concrete, Add	*0.25*	
		For 4,000 PSI Concrete, Add	*0.38*	
		For 4,500 PSI Concrete, Add	*0.50*	
		For 5,000 PSI Concrete, Add	*0.76*	
		For White Facing, Add	*2.52*	
		For Solid White Through Thickness, Add	*2.52*	
		For Broken Rib Finish, Add	*1.26*	
		For Fluted Surface, Add	*1.26*	
		For Exposed Aggregate, Add	*2.52*	
		For Sandblasting Of Surface, Add	*1.26*	
		For 2" Polystyrene Insulation, Add	*1.15*	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	15.17	
		For 3,500 PSI Concrete, Add	*0.30*	
		For 4,000 PSI Concrete, Add	*0.46*	
		For 4,500 PSI Concrete, Add	*0.61*	
		For 5,000 PSI Concrete, Add	*0.91*	
		For White Facing, Add	*3.03*	
		For Solid White Through Thickness, Add	*3.03*	
		For Broken Rib Finish, Add	*1.52*	
		For Fluted Surface, Add	*1.52*	
		For Exposed Aggregate, Add	*3.03*	
		For Sandblasting Of Surface, Add	*1.52*	
		For 2" Polystyrene Insulation, Add	*1.15*	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	19.98	
		For 3,500 PSI Concrete, Add	*0.40*	
		For 4,000 PSI Concrete, Add	*0.60*	
		For 4,500 PSI Concrete, Add	*0.80*	
		For 5,000 PSI Concrete, Add	*1.20*	
		For White Facing, Add	*4.00*	
		For Solid White Through Thickness, Add	*4.00*	
		For Broken Rib Finish, Add	*2.00*	
		For Fluted Surface, Add	*2.00*	
		For Exposed Aggregate, Add	*4.00*	
		For Sandblasting Of Surface, Add	*2.00*	
		For 2" Polystyrene Insulation, Add	*1.15*	

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	213.79	171.01
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	237.66	190.14
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	267.53	214.01
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	305.99	244.78
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	328.57	262.88
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	357.36	285.88
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	388.55	310.88
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	429.46	343.58

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	263.30	210.65
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	292.69	234.11
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	329.48	263.60
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	376.84	301.47
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	404.66	323.71
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	440.10	352.06
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	478.53	382.87
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	528.90	423.09
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	585.38	468.31
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	662.58	530.02
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	753.68	602.94
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	873.84	699.03

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	9.73	
		For 4,000 PSI Concrete, Add	*0.29*	
		For 4,500 PSI Concrete, Add	*0.39*	
		For 5,000 PSI Concrete, Add	*0.58*	
		For White Facing, Add	*1.95*	
		For Solid White Through Thickness, Add	*1.95*	
		For Broken Rib Finish, Add	*0.97*	
		For Fluted Surface, Add	*0.97*	
		For Exposed Aggregate, Add	*1.95*	
		For Sandblasting Of Surface, Add	*0.97*	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	11.99	
		For 4,000 PSI Concrete, Add	*0.36*	
		For 4,500 PSI Concrete, Add	*0.48*	
		For 5,000 PSI Concrete, Add	*0.72*	
		For White Facing, Add	*2.40*	
		For Solid White Through Thickness, Add	*2.40*	
		For Broken Rib Finish, Add	*1.20*	
		For Fluted Surface, Add	*1.20*	
		For Exposed Aggregate, Add	*2.40*	
		For Sandblasting Of Surface, Add	*1.20*	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	14.35	
		For 4,000 PSI Concrete, Add	*0.43*	
		For 4,500 PSI Concrete, Add	*0.57*	
		For 5,000 PSI Concrete, Add	*0.86*	
		For White Facing, Add	*2.87*	
		For Solid White Through Thickness, Add	*2.87*	
		For Broken Rib Finish, Add	*1.44*	
		For Fluted Surface, Add	*1.44*	
		For Exposed Aggregate, Add	*2.87*	
		For Sandblasting Of Surface, Add	*1.44*	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	18.96	
		For 4,000 PSI Concrete, Add	*0.57*	
		For 4,500 PSI Concrete, Add	*0.76*	
		For 5,000 PSI Concrete, Add	*1.14*	
		For White Facing, Add	*3.79*	
		For Solid White Through Thickness, Add	*3.79*	
		For Broken Rib Finish, Add	*1.90*	
		For Fluted Surface, Add	*1.90*	
		For Exposed Aggregate, Add	*3.79*	
		For Sandblasting Of Surface, Add	*1.90*	

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	277.86	222.24
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	310.79	248.62
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	352.60	282.07
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	376.84	301.47
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	404.66	323.71
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	440.10	352.06
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	478.53	382.87
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	528.90	423.09

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	313.59	250.84
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	350.76	280.61
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	397.94	318.32
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	425.30	340.24
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	456.70	365.38
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	496.71	397.33
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	540.07	432.01
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	596.92	477.57
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	660.67	528.51
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	747.78	598.26
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	850.60	680.48
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	986.21	788.98

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	9.73	
		For 3,500 PSI Concrete, Add	*0.19*	
		For 4,000 PSI Concrete, Add	*0.29*	
		For 4,500 PSI Concrete, Add	*0.39*	
		For 5,000 PSI Concrete, Add	*0.58*	
		For White Facing, Add	*1.95*	
		For Solid White Through Thickness, Add	*1.95*	
		For Broken Rib Finish, Add	*0.97*	
		For Fluted Surface, Add	*0.97*	
		For Exposed Aggregate, Add	*1.95*	
		For Sandblasting Of Surface, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	11.99	
		For 3,500 PSI Concrete, Add	*0.24*	
		For 4,000 PSI Concrete, Add	*0.36*	
		For 4,500 PSI Concrete, Add	*0.48*	
		For 5,000 PSI Concrete, Add	*0.72*	
		For White Facing, Add	*2.40*	
		For Solid White Through Thickness, Add	*2.40*	
		For Broken Rib Finish, Add	*1.20*	
		For Fluted Surface, Add	*1.20*	
		For Exposed Aggregate, Add	*2.40*	
		For Sandblasting Of Surface, Add	*1.20*	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	14.35	
		For 3,500 PSI Concrete, Add	*0.29*	
		For 4,000 PSI Concrete, Add	*0.43*	
		For 4,500 PSI Concrete, Add	*0.57*	
		For 5,000 PSI Concrete, Add	*0.86*	
		For White Facing, Add	*2.87*	
		For Solid White Through Thickness, Add	*2.87*	
		For Broken Rib Finish, Add	*1.44*	
		For Fluted Surface, Add	*1.44*	
		For Exposed Aggregate, Add	*2.87*	
		For Sandblasting Of Surface, Add	*1.44*	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	18.96	
		For 3,500 PSI Concrete, Add	*0.38*	
		For 4,000 PSI Concrete, Add	*0.57*	
		For 4,500 PSI Concrete, Add	*0.76*	
		For 5,000 PSI Concrete, Add	*1.14*	
		For White Facing, Add	*3.79*	
		For Solid White Through Thickness, Add	*3.79*	
		For Broken Rib Finish, Add	*1.90*	
		For Fluted Surface, Add	*1.90*	
		For Exposed Aggregate, Add	*3.79*	
		For Sandblasting Of Surface, Add	*1.90*	

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	277.86	222.24
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	310.79	248.62
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	352.60	282.07
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	376.84	301.47
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	404.66	323.71
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	440.10	352.06
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	478.53	382.87
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	528.90	423.09

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	282.50	225.95
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	315.99	252.78
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	358.49	286.78
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	383.14	306.51
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	411.42	329.12
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	447.46	357.94
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	486.52	389.27
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	537.73	430.16
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	595.16	476.14
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	673.65	538.88
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	766.27	613.02
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	888.43	710.71

03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	13.32	
		For 3,500 PSI Concrete, Add	*0.27*	
		For 4,000 PSI Concrete, Add	*0.40*	
		For 4,500 PSI Concrete, Add	*0.53*	
		For 5,000 PSI Concrete, Add	*0.80*	
		For White Facing, Add	*2.66*	
		For Solid White Through Thickness, Add	*2.66*	
		For Broken Rib Finish, Add	*1.33*	
		For Fluted Surface, Add	*1.33*	
		For Exposed Aggregate, Add	*2.66*	
		For Sandblasting Of Surface, Add	*1.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	15.68	
		For 3,500 PSI Concrete, Add	*0.31*	
		For 4,000 PSI Concrete, Add	*0.47*	
		For 4,500 PSI Concrete, Add	*0.63*	
		For 5,000 PSI Concrete, Add	*0.94*	
		For White Facing, Add	*3.14*	
		For Solid White Through Thickness, Add	*3.14*	
		For Broken Rib Finish, Add	*1.57*	
		For Fluted Surface, Add	*1.57*	
		For Exposed Aggregate, Add	*3.14*	
		For Sandblasting Of Surface, Add	*1.57*	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	18.24	
		For 3,500 PSI Concrete, Add	*0.36*	
		For 4,000 PSI Concrete, Add	*0.55*	
		For 4,500 PSI Concrete, Add	*0.73*	
		For 5,000 PSI Concrete, Add	*1.09*	
		For White Facing, Add	*3.65*	
		For Solid White Through Thickness, Add	*3.65*	
		For Broken Rib Finish, Add	*1.82*	
		For Fluted Surface, Add	*1.82*	
		For Exposed Aggregate, Add	*3.65*	
		For Sandblasting Of Surface, Add	*1.82*	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	23.06	
		For 3,500 PSI Concrete, Add	*0.46*	
		For 4,000 PSI Concrete, Add	*0.69*	
		For 4,500 PSI Concrete, Add	*0.92*	
		For 5,000 PSI Concrete, Add	*1.38*	
		For White Facing, Add	*4.61*	
		For Solid White Through Thickness, Add	*4.61*	
		For Broken Rib Finish, Add	*2.31*	
		For Fluted Surface, Add	*2.31*	
		For Exposed Aggregate, Add	*4.61*	
		For Sandblasting Of Surface, Add	*2.31*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	292.69	234.11
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	310.79	248.62
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	329.48	263.60
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	352.60	282.07
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	376.84	301.47
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	404.66	323.71
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	440.10	352.06
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	478.53	382.87

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	292.69	234.11
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	310.79	248.62
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	329.48	263.60
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	352.60	282.07
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	376.84	301.47
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	404.66	323.71
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	440.10	352.06
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	478.53	382.87

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	205.37	
		For 3,500 PSI Concrete, Add	*26.80*	
		For 4,000 PSI Concrete, Add	*50.36*	
		For 4,500 PSI Concrete, Add	*74.02*	
		For 5,000 PSI Concrete, Add	*100.69*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

03 41 26 00-0001 Precast Beams, Girder And Joists *(03 41 26)*

03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	371.85	297.52
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	397.94	318.32
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	425.30	340.24
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	456.70	365.38

03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane *(03 41 26 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	467.38	373.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	500.17	400.16
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	534.56	427.65
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	574.02	459.19
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	624.30	499.49
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	678.80	543.00
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	750.26	600.20
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	830.38	664.34

03 41 26 00-0016 Material Cost *(03 41 26 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 26 00-0017 1,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	41.07
		For 3,500 PSI Concrete, Add	*1.12*
		For 4,000 PSI Concrete, Add	*1.68*
		For 4,500 PSI Concrete, Add	*2.24*
		For 5,000 PSI Concrete, Add	*3.37*
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	51.33
		For 3,500 PSI Concrete, Add	*1.40*
		For 4,000 PSI Concrete, Add	*2.10*
		For 4,500 PSI Concrete, Add	*2.80*
		For 5,000 PSI Concrete, Add	*4.21*
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	61.60
		For 3,500 PSI Concrete, Add	*1.68*
		For 4,000 PSI Concrete, Add	*2.53*
		For 4,500 PSI Concrete, Add	*3.36*
		For 5,000 PSI Concrete, Add	*5.05*

03 41 26 00-0021 3,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	51.33
		For 3,500 PSI Concrete, Add	*1.40*
		For 4,000 PSI Concrete, Add	*2.10*
		For 4,500 PSI Concrete, Add	*2.80*
		For 5,000 PSI Concrete, Add	*4.21*
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	61.60
		For 3,500 PSI Concrete, Add	*1.68*
		For 4,000 PSI Concrete, Add	*2.53*
		For 4,500 PSI Concrete, Add	*3.36*
		For 5,000 PSI Concrete, Add	*5.05*
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	82.13
		For 3,500 PSI Concrete, Add	*2.24*
		For 4,000 PSI Concrete, Add	*3.37*
		For 4,500 PSI Concrete, Add	*4.48*
		For 5,000 PSI Concrete, Add	*6.73*

03 41 26 00-0025 5,000 LB/LF Live Load *(03 41 26 00-0016)*

03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	71.87
		For 3,500 PSI Concrete, Add	*1.96*
		For 4,000 PSI Concrete, Add	*2.95*
		For 4,500 PSI Concrete, Add	*3.92*
		For 5,000 PSI Concrete, Add	*5.89*
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	82.13
		For 3,500 PSI Concrete, Add	*2.24*
		For 4,000 PSI Concrete, Add	*3.37*
		For 4,500 PSI Concrete, Add	*4.48*
		For 5,000 PSI Concrete, Add	*6.73*
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	102.67
		For 3,500 PSI Concrete, Add	*2.80*
		For 4,000 PSI Concrete, Add	*4.21*
		For 4,500 PSI Concrete, Add	*5.61*
		For 5,000 PSI Concrete, Add	*8.42*

03 41 26 00-0029 Precast Concrete Columns *(03 41 26)*

03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0029)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	214.34	171.45
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	227.89	182.28
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	244.23	195.39
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	261.98	209.57
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	282.50	225.95
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	306.51	245.21
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	334.98	268.00

03 41 26 00-0038 Material Cost *(03 41 26 00-0029)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied *(03 41 26 00-0038)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	212.56	
		For 3,500 PSI Concrete, Add	*15.94*	
		For 4,000 PSI Concrete, Add	*29.97*	
		For 4,500 PSI Concrete, Add	*44.21*	
		For 5,000 PSI Concrete, Add	*60.15*	
03 41 26 00-0041		16" x 16" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	217.80	
		For 3,500 PSI Concrete, Add	*16.34*	
		For 4,000 PSI Concrete, Add	*30.71*	
		For 4,500 PSI Concrete, Add	*45.30*	
		For 5,000 PSI Concrete, Add	*61.64*	
03 41 26 00-0043		20" x 20" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	218.22	
		For 3,500 PSI Concrete, Add	*16.37*	
		For 4,000 PSI Concrete, Add	*30.77*	
		For 4,500 PSI Concrete, Add	*45.39*	
		For 5,000 PSI Concrete, Add	*61.76*	
03 41 26 00-0045		24" x 24" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	218.22	
		For 3,500 PSI Concrete, Add	*16.37*	
		For 4,000 PSI Concrete, Add	*30.77*	
		For 4,500 PSI Concrete, Add	*45.39*	
		For 5,000 PSI Concrete, Add	*61.76*	
03 41 26 00-0047		28" x 28" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	218.22	
		For 3,500 PSI Concrete, Add	*16.37*	
		For 4,000 PSI Concrete, Add	*30.77*	
		For 4,500 PSI Concrete, Add	*45.39*	
		For 5,000 PSI Concrete, Add	*61.76*	
03 41 26 00-0049		32" x 32" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	217.80	
		For 3,500 PSI Concrete, Add	*16.34*	
		For 4,000 PSI Concrete, Add	*30.71*	
		For 4,500 PSI Concrete, Add	*45.30*	
		For 5,000 PSI Concrete, Add	*61.64*	
03 41 26 00-0051		36" x 36" Column, Square, Tied *(03 41 26 00-0038)*		
03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	218.22	
		For 3,500 PSI Concrete, Add	*16.37*	
		For 4,000 PSI Concrete, Add	*30.77*	
		For 4,500 PSI Concrete, Add	*45.39*	
		For 5,000 PSI Concrete, Add	*61.76*	
03 41 33		**Precast Structural Pretensioned Concrete** *(03 41)*		
03 41 33 00-0001		Slabs, Roof And Floor Members *(03 41 33)*		
03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	5.81	1.75
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	6.93	1.75
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	8.07	1.84
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	9.21	1.92
03 41 33 00-0006		Tee Members *(03 41 33)*		
03 41 33 00-0007		Multiple Tee, Roof And Floor *(03 41 33 00-0006)*		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	11.64	2.27
03 41 33 00-0009		Double Tee Wall Member *(03 41 33 00-0006)*		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	19.07	6.22
03 41 33 00-0011		Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	14.62	3.77
03 41 33 00-0013		Single Tee, Long Span, Roof Members *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	16.52	3.24
03 41 33 00-0015		Prestressed Concrete Items *(03 41 33)*		
03 41 33 00-0016		Prestressed Quad Tee *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	7.67	0.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	7.98	0.70
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	12.25	0.62
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	16.71	0.62
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	8.89	1.05
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	13.04	0.70
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	9.88	1.40
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	15.26	1.57
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	16.90	0.97
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	22.03	0.88
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	23.16	0.88
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	3,806.29	252.06
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	4,149.29	280.06
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	6,811.40	315.07
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	1,600.81	229.22
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	2,060.70	252.06
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	2,574.11	252.06
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	2,865.77	280.06
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	3,628.26	315.07
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	6,354.46	360.23
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	3,036.17	252.06
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	3,943.93	280.06
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	6,349.33	315.07
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	2,083.41	229.22
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	2,204.45	252.06
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	2,420.08	252.06
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	2,506.39	280.06
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	3,268.88	315.07
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	5,481.66	360.23
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	8.00	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	8.37	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	8.90	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	9.35	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	10.16	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	9.90	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	9.64	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	9.09	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	9.90	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	9.82	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	14.71	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	14.35	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	13.43	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	14.71	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	13.80	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	10.18	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	9.92	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	9.55	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	10.18	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	9.82	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	15.08	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	14.72	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	14.17	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	15.08	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	14.63	
03 41 33 00-0079		**Double And Single Tees With 32" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	10.76	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	10.40	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	10.02	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	16.03	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	15.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	14.82	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, Standard Size	14.25	3.06

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	121.58	54.73
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	145.80	65.59

03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	811.21
		For 3,500 PSI Concrete, Add	*52.93*
		For 4,000 PSI Concrete, Add	*99.45*
		For 4,500 PSI Concrete, Add	*146.18*
		For 5,000 PSI Concrete, Add	*198.87*
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	842.02
		For 3,500 PSI Concrete, Add	*54.94*
		For 4,000 PSI Concrete, Add	*103.23*
		For 4,500 PSI Concrete, Add	*151.73*
		For 5,000 PSI Concrete, Add	*206.42*
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	872.82
		For 3,500 PSI Concrete, Add	*56.95*
		For 4,000 PSI Concrete, Add	*107.01*
		For 4,500 PSI Concrete, Add	*157.28*
		For 5,000 PSI Concrete, Add	*213.97*
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	913.90
		For 3,500 PSI Concrete, Add	*59.63*
		For 4,000 PSI Concrete, Add	*112.04*
		For 4,500 PSI Concrete, Add	*164.68*
		For 5,000 PSI Concrete, Add	*224.04*

03 48 22 Precast Concrete Sun Screen And Trellis *(03 48)*

03 48 22 00-0001 Sun Screen Blades *(03 48 22)*

03 48 22 00-0002 Installation Cost *(03 48 22 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	60.78	27.37
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	73.03	32.84
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	91.25	41.09

03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	862.55
		For 3,500 PSI Concrete, Add	*56.28*
		For 4,000 PSI Concrete, Add	*105.75*
		For 4,500 PSI Concrete, Add	*155.43*
		For 5,000 PSI Concrete, Add	*211.45*
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	893.36
		For 3,500 PSI Concrete, Add	*58.29*
		For 4,000 PSI Concrete, Add	*109.53*
		For 4,500 PSI Concrete, Add	*160.98*
		For 5,000 PSI Concrete, Add	*219.01*
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	934.43
		For 3,500 PSI Concrete, Add	*60.97*
		For 4,000 PSI Concrete, Add	*114.56*
		For 4,500 PSI Concrete, Add	*168.38*
		For 5,000 PSI Concrete, Add	*229.08*
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	975.51
		For 3,500 PSI Concrete, Add	*63.65*
		For 4,000 PSI Concrete, Add	*119.60*
		For 4,500 PSI Concrete, Add	*175.79*
		For 5,000 PSI Concrete, Add	*239.15*

03 48 22 00-0011 Sun Screen/Trellis Units *(03 48 22)*

03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	277.86	125.02
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	310.79	139.90
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	352.60	158.65
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	376.84	169.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0017		Material Cost *(03 48 22 00-0011)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	996.05	
		For 3,500 PSI Concrete, Add	*64.99*	
		For 4,000 PSI Concrete, Add	*122.12*	
		For 4,500 PSI Concrete, Add	*179.49*	
		For 5,000 PSI Concrete, Add	*244.18*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	1,026.85	
		For 3,500 PSI Concrete, Add	*67.00*	
		For 4,000 PSI Concrete, Add	*125.89*	
		For 4,500 PSI Concrete, Add	*185.04*	
		For 5,000 PSI Concrete, Add	*251.73*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	1,067.92	
		For 3,500 PSI Concrete, Add	*69.68*	
		For 4,000 PSI Concrete, Add	*130.93*	
		For 4,500 PSI Concrete, Add	*192.44*	
		For 5,000 PSI Concrete, Add	*261.80*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	1,119.27	
		For 3,500 PSI Concrete, Add	*73.03*	
		For 4,000 PSI Concrete, Add	*137.22*	
		For 4,500 PSI Concrete, Add	*201.69*	
		For 5,000 PSI Concrete, Add	*274.39*	

03 48 24 Precast Minaret Segments *(03 48)*

03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	270.37	216.30
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	302.99	242.40
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	342.58	274.06
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	365.42	292.34
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	285.75	228.65
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	320.71	256.54
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	363.22	290.55
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	389.00	311.17
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	548.13	438.55
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	662.58	530.02
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	735.30	588.25
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	825.95	660.79
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	299.97	239.95
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	334.97	267.93
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	381.61	305.24
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	407.40	325.88
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	274.89	219.92
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	308.05	246.45
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	348.30	278.64
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	371.53	297.22
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	290.52	232.47
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	326.07	260.82
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	369.29	295.40
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	395.50	316.37
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	444.22	355.36
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	537.73	430.16
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	595.16	476.14
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	673.65	538.88
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	304.98	243.96
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	340.57	272.41
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	387.98	310.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	414.20	331.32
03 48 24 00-0043		**Material Costs** *(03 48 24)* Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	2,464.30	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	2,464.30	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3,000 PSI Concrete	2,464.30	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3,000 PSI Concrete	2,464.30	
03 48 29		**Precast Accessories** *(03 48)* Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		**Bearing Pads For Precast Members** *(03 48 29)*		
03 48 29 00-0002		**Continuous 2" Wide Strips** *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.34	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	2.02	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	3.52	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	5.02	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	6.57	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	9.54	
03 48 29 00-0009		**Bearing Pad Pipe Supports** *(03 48 29)*		
03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	6.87	
03 48 46		**Precast Skylight Shells** *(03 48)*		
03 48 46 00-0001		**Installation Cost Using A 90 Ton Crawler Crane** *(03 48 46)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	397.94	179.10
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	441.87	198.86
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	496.71	223.52
03 48 46 00-0005		**Material Cost** *(03 48 46)* Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	1,030.99	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	33.89	
03 48 49 00-0002	SF	4" Thick Precast Landing	39.07	
03 48 49 00-0003	SF	5" Thick Precast Landing	44.97	
03 48 49 00-0004	SF	6" Thick Precast Landing	51.99	
03 50		**Cast Decks And Underlayment** *(03)*		
03 51		**Cast Roof Decks** *(03 50)*		
03 51 13		**Cementitious Wood Fiber Decks** *(03 51)*		
03 51 13 00-0001		**Cement Fiber Tongue And Groove Planks** *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.52	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.60	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	2.73	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.03	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.38	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.77	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.25	
03 51 13 00-0009		**Bulb Tees, Sub-Purlins And Grout** *(03 51 13)*		
03 51 13 00-0010	SF	6' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	0.94	
03 51 13 00-0011	SF	8' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.41	
03 51 16		**Gypsum Concrete Roof Decks** *(03 51)*		
03 51 16 00-0001		**Class A Gypsum Fill Concrete Deck** *(03 51 16)*		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	3.23	0.44
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	3.95	0.51
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	4.69	0.58
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	5.43	0.65
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	6.20	0.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 51 16 00-0007		**Formboard For Lightweight Deck** *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Formboard, 1/2" Drywall For Lightweight Deck	1.79	
03 51 16 00-0009	SF	Gypsum Deck Formboard, 1" Mineral Fiber Board For Lightweight Deck	2.37	
03 51 16 00-0010	SF	Gypsum Deck Formboard, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.86	
03 51 16 00-0011	SF	Gypsum Deck Formboard, 1" Cementitious Fiber Board For Lightweight Deck	1.98	0.48
03 51 16 00-0012	SF	Gypsum Deck Formboard, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.40	0.48
03 51 16 00-0013	SF	Gypsum Deck Formboard, 1" Glass Fiber Board For Lightweight Deck	2.65	0.48
03 51 16 00-0014	SF	Gypsum Deck Formboard, 1-1/2" Glass Fiber Board For Lightweight Deck	3.27	0.48
03 51 16 00-0015		**Board Deck Supports For Formboard** *(03 51 16)*		
03 51 16 00-0016	SF	Gypsum Deck Formboard Supports, 5' Bulb Tee 40 LB/SF, Span	0.74	0.18
03 51 16 00-0017	SF	Gypsum Deck Formboard Supports, 8' Bulb Tee 40 LB/SF Span	1.24	0.26
03 51 16 00-0018		**Gypsum Plank** *(03 51 16)*		
03 51 16 00-0019	SF	Insulating Concrete Gypsum Plank, 2" Thick Roof Deck	2.53	
03 51 16 00-0020	SF	Insulating Concrete Gypsum Plank, 3" Thick Roof Deck	3.23	

03 52 Lightweight Concrete Roof Insulation *(03 50)*

03 52 16 Lightweight Insulating Concrete *(03 52)*

Note: Add costs for forming to all tasks below. See CSI section 03 11 00 00-0000 for forming.

03 52 16 00-0001		**Poured Deck** *(03 52 16)*		
03 52 16 00-0002		**Perlite Or Vermiculite** *(03 52 16 00-0001)*		
03 52 16 00-0003	CY	Insulating Roof Deck, Perlite, 1:6 Mix Field Mix, Also Vermiculite	193.86	
		For Smooth Trowel Finish, Add	*40.71*	
03 52 16 00-0004		**Lightweight Insulating Concrete Deck, Ready Mix 1 To 6 Mix** *(03 52 16 00-0001)*		
03 52 16 00-0005	SF	2" Insulating Roof Deck, Ready Mix, 1:6 Mix	1.93	
		For Smooth Trowel Finish, Add	*0.29*	
03 52 16 00-0006	SF	3" Insulating Roof Deck, Ready Mix, 1:6 Mix	2.74	
		For Smooth Trowel Finish, Add	*0.36*	
03 52 16 00-0007		**Lightweight Insulating Concrete Plank Roof Deck** *(03 52 16)*		
03 52 16 00-0008	SF	2" Thick, Lightweight Insulating Concrete Plank Roof Deck	3.82	
		For >4 To 12 Pitch, Add	*0.33*	
		For >6 To 12 Pitch, Add	*1.95*	
03 52 16 00-0009	SF	2-1/2" Thick, Lightweight Insulating Concrete Plank Roof Deck	4.40	
		For >4 To 12 Pitch, Add	*0.36*	
		For >6 To 12 Pitch, Add	*2.13*	
03 52 16 00-0010	SF	3" Thick, Lightweight Insulating Concrete Plank Roof Deck	5.04	
		For >4 To 12 Pitch, Add	*0.38*	
		For >6 To 12 Pitch, Add	*2.30*	
03 52 16 00-0011	SF	3-1/2" Thick, Lightweight Insulating Concrete Plank Roof Deck	5.31	
		For >4 To 12 Pitch, Add	*0.42*	
		For >6 To 12 Pitch, Add	*2.49*	
03 52 16 00-0012	SF	4" Thick, Lightweight Insulating Concrete Plank Roof Deck	5.51	
		For >4 To 12 Pitch, Add	*0.43*	
		For >6 To 12 Pitch, Add	*2.60*	
03 52 16 00-0013		**Lightweight Insulating Concrete Channel Slab Roof Deck** *(03 52 16)*		
03 52 16 00-0014	SF	2-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck	4.27	
03 52 16 00-0015	SF	3-1/2" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck	4.53	
03 52 16 00-0016	SF	3-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck	4.61	
03 52 16 00-0017	SF	4-3/4" Thick, Lightweight Insulating Concrete Channel Slab Roof Deck	4.76	
03 52 16 00-0018	SF	2-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck	6.33	
03 52 16 00-0019	SF	3-1/2" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck	6.39	
03 52 16 00-0020	SF	3-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck	6.51	
03 52 16 00-0021	SF	4-3/4" Thick, Cut To Length On Site, Lightweight Insulating Concrete Channel Slab Roof Deck	6.62	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 00 00-0001		**Integral Topping Including Hard Trowel Finish** *(03 53)*		
		Note: Using 1:1:2 mix.		
03 53 00 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	1.94	
03 53 00 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.15	
03 53 00 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.48	
03 53 00 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.91	
03 53 00 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.03	
03 53 00 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.29	
03 53 00 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.64	
03 53 00 00-0009		**Granolithic Topping Laid After** *(03 53)*		
		Note: Using 1:1:1-1/2 mix.		
03 53 00 00-0010	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 53 00 00-0011	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.50	
03 53 00 00-0012	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.30	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	1.49	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	2.14	
03 54 16 00-0004	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	3.44	
03 54 16 00-0005	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	4.75	
03 54 16 00-0006	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	6.05	
03 54 16 00-0007	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	7.79	
03 54 16 00-0008	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	8.66	
03 54 16 00-0009	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	11.27	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	299.50	

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	18.46	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	26.35	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	27.85	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	43.38	

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.49	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.91	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.55	

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.14	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.81	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.74	

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases *(03 62 16)*

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	24.52	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	36.94	

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.28	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.60	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.15	

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	1.74	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.19	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.92	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 64 23 00-0001		Pressure Injected Epoxy Grout *(03 64 23)*		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	811.53	

03 64 26 Cementitious Injection Grouting *(03 64)*

03 64 26 00-0001		Pressure Injected Cementitious Grout *(03 64 26)*		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	63.11	

03 80 Concrete Cutting And Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0001 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0024 for core drilling.

END OF SECTION 03

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

04 Masonry

04 01 Maintenance Of Masonry *(04)*

04 01 20 Maintenance Of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 23.28
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 34.95
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 47.62
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 25.81
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 39.44
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 54.35
For Up To 10, Add *8.52*
For >10 To 50, Add *4.26*

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 58.09
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 64.72
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 218.49
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 58.09
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 64.72
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 72.26
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 86.42
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 218.49
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0022 EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 61.70
For Up To 10, Add *34.09*
For >10 To 50, Add *17.05*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.53	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	248.55	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	61.70	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	69.53	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	78.27	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	94.85	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	248.55	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.64	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.83	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.02	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.21	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.39	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.64	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.83	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.02	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.21	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	18.58	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.83	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	15.61	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	

04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.64	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.83	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.02	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		16.21	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		17.39	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.45	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.64	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.83	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.02	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		16.21	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		18.58	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		11.45	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		13.83	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		15.61	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	

04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.

04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		8.66	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.09	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.17	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.35	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.66	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.92	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.05	
		For Up To 10, Add		*5.11*	
		For >10 To 50, Add		*2.56*	
		For Metal Stud Clip, Add		*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.98	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.08	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.00	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.77	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.43	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.76	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.84	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.59	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.80	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.27	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.68	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.05	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.29	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.73	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.85	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.38	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.15	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.79	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.60	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.97	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.42	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	24.22	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.81	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.08	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.26	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.39	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.77	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.37	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.59	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.20	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.51	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.03	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.40	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.81	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.20	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.68	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.56*	
		For >10 To 50, Add	*1.28*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.34	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.87	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.98	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.19	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.58	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.90	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.07	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.28	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.07	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.21	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.35	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.31	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.14	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.06	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.41	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	23.86	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.61	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.13	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.66	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.12	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.42	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.62	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.96	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.11	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.73	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.60	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.39	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.40	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.87	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	23.48	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	28.23	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.89	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.18	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.40	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.56	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.04	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.80	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.04	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.79	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.65	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.31	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.77	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.07	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.27	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.76	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	5.20	
		For Up To 10, Add	*2.56*	
		For >10 To 50, Add	*1.28*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.00	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.06	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.37	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.45	
		For Up To 10, Add	*5.11*	
		For >10 To 50, Add	*2.56*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	44.85	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	46.51	
		For Up To 10, Add	*34.09*	
		For >10 To 50, Add	*17.05*	

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0002	SF	Grind Smooth Masonry Wall	3.08	

04 01 20 52 Unit Masonry Cleaning *(04 01 20)*

04 01 20 52-0001 Cleaning And Repointing Masonry *(04 01 20 52)*

Note: Includes mortar for pointing. Excludes removing mortar.

04 01 20 52-0002	SF	Clean And Repoint Brick Masonry	1.92	
04 01 20 52-0003	SF	Clean And Repoint Concrete Block Masonry	1.26	
04 01 20 52-0004	SF	Clean And Repoint Brick On Historic Buildings	2.47	

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint Brick, Hard Intact Mortar, Running Bond	11.06	
		For Common Bond, Add		*0.32*
		For Flemish Bond, Add		*1.12*
		For English Bond, Add		*1.84*
		For Oversized Or Larger Than Standard, Deduct		*-1.66*
		For >250 To 1,000, Deduct		*-0.40*
		For >1,000, Deduct		*-0.95*
04 01 20 91-0003	SF	Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond	8.31	
		For Common Bond, Add		*0.22*
		For Flemish Bond, Add		*0.76*
		For English Bond, Add		*1.24*
		For Oversized Or Larger Than Standard, Deduct		*-1.25*
		For >250 To 1,000, Deduct		*-0.27*
		For >1,000, Deduct		*-0.69*
04 01 20 91-0004	SF	Cut And Repoint Concrete Block, Hard Intact Mortar, Running Bond	6.64	
		For Common Bond, Add		*0.16*
		For Oversized Or Larger Than Standard, Deduct		*-1.00*
		For >250 To 1,000, Deduct		*-0.20*
		For >1,000, Deduct		*-0.53*
04 01 20 91-0005	SF	Cut And Repoint Concrete Block, Soft, Loose Or Crumbling Mortar, Running Bond	5.10	
		For Common Bond, Add		*0.11*
		For Oversized Or Larger Than Standard, Deduct		*-0.77*
		For >250 To 1,000, Deduct		*-0.13*
		For >1,000, Deduct		*-0.39*
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.45	

04 01 20 91-0007 Cut And Caulk Masonry *(04 01 20 91)*

Note: Remove existing mortar to 1/2" depth. Replace with caulk. Includes caulk, cutting, rinsing and cleaning joint.

04 01 20 91-0008	LF	Cut And Caulk Masonry, Butyl Caulks	4.76	
		For Vertical Expansion Joint Material, Add		*0.21*
		For 3/4" Deep Cut, Add		*1.43*
04 01 20 91-0009	LF	Cut And Caulk Masonry, Polysulfide Or Acrylic Caulks	5.94	
		For Vertical Expansion Joint Material, Add		*0.22*
		For 3/4" Deep Cut, Add		*1.78*
04 01 20 91-0010	LF	Cut And Caulk Masonry, Silicone Caulks	7.06	
		For Vertical Expansion Joint Material, Add		*0.26*
		For 3/4" Deep Cut, Add		*2.12*

04 01 20 91-0011 Repair Masonry *(04 01 20 91)*

Note: Includes mortar for repair.

04 01 20 91-0012	SF	Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material	13.84	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0013	SF	Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material	12.77	
04 01 20 91-0014	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	3.87	
04 01 20 91-0015	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	5.28	
04 01 20 91-0016	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	23.74	
		For Cracks Accessible From Both Sides, Add	*4.80*	
04 01 20 91-0017	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	21.71	
		For Cracks Accessible From Both Sides, Add	*4.80*	
04 01 20 91-0018	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	6.11	
		For V-Grooving Crack With Grinder, Add	*4.49*	
04 01 20 91-0019	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	8.13	
		For V-Grooving Crack With Grinder, Add	*4.25*	

04 01 40 Maintenance of Stone Assemblies *(04 01)*

04 01 40 52 Stone Cleaning *(04 01 40)*

04 01 40 52-0001 Cleaning And Pointing Stone *(04 01 40 52)*

04 01 40 52-0002	SF	Clean And Repoint Limestone On Historic Buildings	2.04	
04 01 40 52-0003	SF	Clean And Repoint Marble, Tile, Stone Or Granite	1.86	

04 01 40 91 Stone Restoration *(04 01 40)*

04 01 40 91-0001 Cut And Repoint *(04 01 40 91)*

04 01 40 91-0002	LF	Cut And Repoint Stone Work	4.96	

04 01 40 91-0003 Repair *(04 01 40 91)*

04 01 40 91-0004	SF	Repair Field Stone Walls, Including Remove Damaged Stones And Reset	32.44	
04 01 40 91-0005	SF	Repair Molded Stone	3.26	

04 01 40 91-0006 Clean And Patch Existing Stonework *(04 01 40 91)*

Note: Excludes cutting, drilling or anchor bolts if required.

04 01 40 91-0007	SF	Clean And Patch Existing Stonework	3.53	

04 01 40 91-0008 Removal Of Deteriorated Stone *(04 01 40 91)*

Note: Includes cutting of stone for removal.

04 01 40 91-0009	SF	Removal Of Deteriorated Stone Note: Does not include material for stone replacement	7.90	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	5.45	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	10.88	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	16.33	

04 05 Common Work Results For Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	4.94	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	4.56	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	4.68	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	5.12	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	5.40	

04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.23	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.04	

04 05 13 26-0010 Color Admixtures For Mortar *(04 05 13 26)*

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture	1.44	
04 05 13 26-0012	CF	Brown Colored Admixture	1.63	
04 05 13 26-0013	CF	Black Colored Admixture	2.01	
04 05 13 26-0014	CF	Red Colored Admixture	4.41	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 13 26-0015 Portland Cement *(04 05 13 26)*

04 05 13 26-0016	CF	Normal Portland Cement (Type I)	7.64
04 05 13 26-0017	CF	Modified Portland Cement (Type II)	3.81
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III)	4.05
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I)	8.47

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Does not include reinforcement.

04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*

Note: Excludes block.

04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	3.44
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	3.72
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.11
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	4.56

04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	2.80
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	3.93
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	5.61
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	6.84
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	8.03

04 05 16 26-0012 Grout Cavity Walls, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	3.14
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	4.40
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	5.50
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	7.37

04 05 16 26-0017 Grout Frames, Grout Fill *(04 05 16 26)*

04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	4.79
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	4.08

04 05 16 26-0020 Sand Filled Walls *(04 05 16 26)*

04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*

Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	3.17
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.42
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.48
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	7.42

04 05 19 Masonry Anchorage And Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing *(04 05 19 13)*

04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0004 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	40.23
		For Class 1 Mill Galvanized, Add	*1.37*
		For Class 2 Mill Galvanized, Add	*2.06*
		For Hot-Dipped Galvanized, Add	*3.43*
		For Stainless Steel, Add	*13.72*
		For Cavity Drip, Add	*0.50*
		For 3-Wire, Add	*8.75*
		For Double Side Rods, Add	*17.50*
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	42.84
		For Class 1 Mill Galvanized, Add	*1.44*
		For Class 2 Mill Galvanized, Add	*2.16*
		For Hot-Dipped Galvanized, Add	*3.60*
		For Stainless Steel, Add	*14.40*
		For Cavity Drip, Add	*0.50*
		For 3-Wire, Add	*8.75*
		For Double Side Rods, Add	*17.50*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.48	
		For Class 1 Mill Galvanized, Add	*1.52*	
		For Class 2 Mill Galvanized, Add	*2.28*	
		For Hot-Dipped Galvanized, Add	*3.80*	
		For Stainless Steel, Add	*15.18*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	50.80	
		For Class 1 Mill Galvanized, Add	*1.61*	
		For Class 2 Mill Galvanized, Add	*2.41*	
		For Hot-Dipped Galvanized, Add	*4.02*	
		For Stainless Steel, Add	*16.06*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.99	
		For Class 1 Mill Galvanized, Add	*1.69*	
		For Class 2 Mill Galvanized, Add	*2.54*	
		For Hot-Dipped Galvanized, Add	*4.23*	
		For Stainless Steel, Add	*16.92*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.99	
		For Class 1 Mill Galvanized, Add	*1.73*	
		For Class 2 Mill Galvanized, Add	*2.60*	
		For Hot-Dipped Galvanized, Add	*4.34*	
		For Stainless Steel, Add	*17.34*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	62.80	
		For Class 1 Mill Galvanized, Add	*1.78*	
		For Class 2 Mill Galvanized, Add	*2.67*	
		For Hot-Dipped Galvanized, Add	*4.46*	
		For Stainless Steel, Add	*17.82*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.57	
		For Class 1 Mill Galvanized, Add	*2.45*	
		For Class 2 Mill Galvanized, Add	*3.68*	
		For Hot-Dipped Galvanized, Add	*6.13*	
		For Stainless Steel, Add	*24.50*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.68	
		For Class 1 Mill Galvanized, Add	*3.79*	
		For Class 2 Mill Galvanized, Add	*5.68*	
		For Hot-Dipped Galvanized, Add	*9.47*	
		For Stainless Steel, Add	*37.88*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0014 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	44.03	
		For Class 1 Mill Galvanized, Add	*2.13*	
		For Class 2 Mill Galvanized, Add	*3.20*	
		For Hot-Dipped Galvanized, Add	*5.33*	
		For Stainless Steel, Add	*21.32*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.69	
		For Class 1 Mill Galvanized, Add	*2.21*	
		For Class 2 Mill Galvanized, Add	*3.32*	
		For Hot-Dipped Galvanized, Add	*5.53*	
		For Stainless Steel, Add	*22.10*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	50.37	
		For Class 1 Mill Galvanized, Add	*2.30*	
		For Class 2 Mill Galvanized, Add	*3.44*	
		For Hot-Dipped Galvanized, Add	*5.74*	
		For Stainless Steel, Add	*22.96*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.65	
		For Class 1 Mill Galvanized, Add	*2.38*	
		For Class 2 Mill Galvanized, Add	*3.56*	
		For Hot-Dipped Galvanized, Add	*5.94*	
		For Stainless Steel, Add	*23.76*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.83	
		For Class 1 Mill Galvanized, Add	*2.46*	
		For Class 2 Mill Galvanized, Add	*3.69*	
		For Hot-Dipped Galvanized, Add	*6.15*	
		For Stainless Steel, Add	*24.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.84	
		For Class 1 Mill Galvanized, Add	*2.51*	
		For Class 2 Mill Galvanized, Add	*3.76*	
		For Hot-Dipped Galvanized, Add	*6.27*	
		For Stainless Steel, Add	*25.06*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.64	
		For Class 1 Mill Galvanized, Add	*2.55*	
		For Class 2 Mill Galvanized, Add	*3.82*	
		For Hot-Dipped Galvanized, Add	*6.37*	
		For Stainless Steel, Add	*25.48*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.62	
		For Class 1 Mill Galvanized, Add	*3.46*	
		For Class 2 Mill Galvanized, Add	*5.19*	
		For Hot-Dipped Galvanized, Add	*8.66*	
		For Stainless Steel, Add	*34.62*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.35	
		For Class 1 Mill Galvanized, Add	*5.52*	
		For Class 2 Mill Galvanized, Add	*8.29*	
		For Hot-Dipped Galvanized, Add	*13.81*	
		For Stainless Steel, Add	*55.24*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0024 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	47.71	
		For Class 1 Mill Galvanized, Add	*2.87*	
		For Class 2 Mill Galvanized, Add	*4.30*	
		For Hot-Dipped Galvanized, Add	*7.17*	
		For Stainless Steel, Add	*28.68*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	51.07	
		For Class 1 Mill Galvanized, Add	*3.03*	
		For Class 2 Mill Galvanized, Add	*4.54*	
		For Hot-Dipped Galvanized, Add	*7.57*	
		For Stainless Steel, Add	*30.26*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.42	
		For Class 1 Mill Galvanized, Add	*3.18*	
		For Class 2 Mill Galvanized, Add	*4.78*	
		For Hot-Dipped Galvanized, Add	*7.96*	
		For Stainless Steel, Add	*31.84*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.63	
		For Class 1 Mill Galvanized, Add	*3.37*	
		For Class 2 Mill Galvanized, Add	*5.06*	
		For Hot-Dipped Galvanized, Add	*8.43*	
		For Stainless Steel, Add	*33.72*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	64.85	
		For Class 1 Mill Galvanized, Add	*3.56*	
		For Class 2 Mill Galvanized, Add	*5.34*	
		For Hot-Dipped Galvanized, Add	*8.90*	
		For Stainless Steel, Add	*35.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.63	
		For Class 1 Mill Galvanized, Add	*3.66*	
		For Class 2 Mill Galvanized, Add	*5.49*	
		For Hot-Dipped Galvanized, Add	*9.15*	
		For Stainless Steel, Add	*36.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	72.20	
		For Class 1 Mill Galvanized, Add	*3.75*	
		For Class 2 Mill Galvanized, Add	*5.62*	
		For Hot-Dipped Galvanized, Add	*9.37*	
		For Stainless Steel, Add	*37.46*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	76.91	
		For Class 1 Mill Galvanized, Add	*3.92*	
		For Class 2 Mill Galvanized, Add	*5.88*	
		For Hot-Dipped Galvanized, Add	*9.80*	
		For Stainless Steel, Add	*39.18*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.29	
		For Class 1 Mill Galvanized, Add	*6.51*	
		For Class 2 Mill Galvanized, Add	*9.77*	
		For Hot-Dipped Galvanized, Add	*16.28*	
		For Stainless Steel, Add	*65.10*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0034 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0035 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

04 05 19 13-0036	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	54.97	
		For Class 1 Mill Galvanized, Add	*2.33*	
		For Class 2 Mill Galvanized, Add	*3.50*	
		For Hot-Dipped Galvanized, Add	*5.83*	
		For Stainless Steel, Add	*23.32*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0037	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	60.85	
		For Class 1 Mill Galvanized, Add	*2.55*	
		For Class 2 Mill Galvanized, Add	*3.82*	
		For Hot-Dipped Galvanized, Add	*6.37*	
		For Stainless Steel, Add	*25.46*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0038	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	66.60	
		For Class 1 Mill Galvanized, Add	*2.73*	
		For Class 2 Mill Galvanized, Add	*4.10*	
		For Hot-Dipped Galvanized, Add	*6.84*	
		For Stainless Steel, Add	*27.34*	
		For Cavity Drip, Add	*0.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0039		CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	71.97	
			For Class 1 Mill Galvanized, Add	*2.84*	
			For Class 2 Mill Galvanized, Add	*4.27*	
			For Hot-Dipped Galvanized, Add	*7.11*	
			For Stainless Steel, Add	*28.44*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0040		CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	74.87	
			For Class 1 Mill Galvanized, Add	*2.94*	
			For Class 2 Mill Galvanized, Add	*4.42*	
			For Hot-Dipped Galvanized, Add	*7.36*	
			For Stainless Steel, Add	*29.44*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0041		CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.32	
			For Class 1 Mill Galvanized, Add	*3.17*	
			For Class 2 Mill Galvanized, Add	*4.75*	
			For Hot-Dipped Galvanized, Add	*7.92*	
			For Stainless Steel, Add	*31.68*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0042		CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	85.10	
			For Class 1 Mill Galvanized, Add	*3.35*	
			For Class 2 Mill Galvanized, Add	*5.03*	
			For Hot-Dipped Galvanized, Add	*8.39*	
			For Stainless Steel, Add	*33.54*	
			For Cavity Drip, Add	*0.50*	

04 05 19 13-0043 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

04 05 19 13-0044		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	59.70	
			For Class 1 Mill Galvanized, Add	*3.28*	
			For Class 2 Mill Galvanized, Add	*4.92*	
			For Hot-Dipped Galvanized, Add	*8.20*	
			For Stainless Steel, Add	*32.78*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0045		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	65.59	
			For Class 1 Mill Galvanized, Add	*3.49*	
			For Class 2 Mill Galvanized, Add	*5.24*	
			For Hot-Dipped Galvanized, Add	*8.74*	
			For Stainless Steel, Add	*34.94*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0046		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	71.29	
			For Class 1 Mill Galvanized, Add	*3.67*	
			For Class 2 Mill Galvanized, Add	*5.51*	
			For Hot-Dipped Galvanized, Add	*9.18*	
			For Stainless Steel, Add	*36.72*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0047		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	76.71	
			For Class 1 Mill Galvanized, Add	*3.79*	
			For Class 2 Mill Galvanized, Add	*5.69*	
			For Hot-Dipped Galvanized, Add	*9.48*	
			For Stainless Steel, Add	*37.92*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0048		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	79.61	
			For Class 1 Mill Galvanized, Add	*3.89*	
			For Class 2 Mill Galvanized, Add	*5.84*	
			For Hot-Dipped Galvanized, Add	*9.73*	
			For Stainless Steel, Add	*38.92*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0049		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	85.06	
			For Class 1 Mill Galvanized, Add	*4.12*	
			For Class 2 Mill Galvanized, Add	*6.17*	
			For Hot-Dipped Galvanized, Add	*10.29*	
			For Stainless Steel, Add	*41.16*	
			For Cavity Drip, Add	*0.50*	
04 05 19 13-0050		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	89.90	
			For Class 1 Mill Galvanized, Add	*4.31*	
			For Class 2 Mill Galvanized, Add	*6.47*	
			For Hot-Dipped Galvanized, Add	*10.79*	
			For Stainless Steel, Add	*43.14*	
			For Cavity Drip, Add	*0.50*	

04 05 19 13-0051 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0052	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	62.00	
		For Class 1 Mill Galvanized, Add	*3.74*	
		For Class 2 Mill Galvanized, Add	*5.61*	
		For Hot-Dipped Galvanized, Add	*9.35*	
		For Stainless Steel, Add	*37.38*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0053	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	68.44	
		For Class 1 Mill Galvanized, Add	*4.06*	
		For Class 2 Mill Galvanized, Add	*6.10*	
		For Hot-Dipped Galvanized, Add	*10.16*	
		For Stainless Steel, Add	*40.64*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0054	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	74.84	
		For Class 1 Mill Galvanized, Add	*4.38*	
		For Class 2 Mill Galvanized, Add	*6.57*	
		For Hot-Dipped Galvanized, Add	*10.96*	
		For Stainless Steel, Add	*43.82*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0055	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.51	
		For Class 1 Mill Galvanized, Add	*4.55*	
		For Class 2 Mill Galvanized, Add	*6.83*	
		For Hot-Dipped Galvanized, Add	*11.38*	
		For Stainless Steel, Add	*45.52*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0056	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	83.69	
		For Class 1 Mill Galvanized, Add	*4.71*	
		For Class 2 Mill Galvanized, Add	*7.06*	
		For Hot-Dipped Galvanized, Add	*11.77*	
		For Stainless Steel, Add	*47.08*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0057	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	89.68	
		For Class 1 Mill Galvanized, Add	*5.04*	
		For Class 2 Mill Galvanized, Add	*7.56*	
		For Hot-Dipped Galvanized, Add	*12.60*	
		For Stainless Steel, Add	*50.40*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0058	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	95.16	
		For Class 1 Mill Galvanized, Add	*5.37*	
		For Class 2 Mill Galvanized, Add	*8.05*	
		For Hot-Dipped Galvanized, Add	*13.42*	
		For Stainless Steel, Add	*53.66*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0059 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0060 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0061	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	67.71	
		For Class 1 Mill Galvanized, Add	*4.88*	
		For Class 2 Mill Galvanized, Add	*7.32*	
		For Hot-Dipped Galvanized, Add	*12.20*	
		For Stainless Steel, Add	*48.80*	
04 05 19 13-0062	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	73.27	
		For Class 1 Mill Galvanized, Add	*5.03*	
		For Class 2 Mill Galvanized, Add	*7.55*	
		For Hot-Dipped Galvanized, Add	*12.58*	
		For Stainless Steel, Add	*50.30*	
04 05 19 13-0063	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	78.83	
		For Class 1 Mill Galvanized, Add	*5.18*	
		For Class 2 Mill Galvanized, Add	*7.77*	
		For Hot-Dipped Galvanized, Add	*12.95*	
		For Stainless Steel, Add	*51.80*	
04 05 19 13-0064	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	86.89	
		For Class 1 Mill Galvanized, Add	*5.35*	
		For Class 2 Mill Galvanized, Add	*8.02*	
		For Hot-Dipped Galvanized, Add	*13.37*	
		For Stainless Steel, Add	*53.48*	
04 05 19 13-0065	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	92.06	
		For Class 1 Mill Galvanized, Add	*5.52*	
		For Class 2 Mill Galvanized, Add	*8.27*	
		For Hot-Dipped Galvanized, Add	*13.79*	
		For Stainless Steel, Add	*55.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0066	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	97.19	
		For Class 1 Mill Galvanized, Add	*5.77*	
		For Class 2 Mill Galvanized, Add	*8.66*	
		For Hot-Dipped Galvanized, Add	*14.43*	
		For Stainless Steel, Add	*57.72*	

04 05 19 13-0067 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0068	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	75.14	
		For Class 1 Mill Galvanized, Add	*6.37*	
		For Class 2 Mill Galvanized, Add	*9.55*	
		For Hot-Dipped Galvanized, Add	*15.92*	
		For Stainless Steel, Add	*63.66*	
04 05 19 13-0069	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.70	
		For Class 1 Mill Galvanized, Add	*6.52*	
		For Class 2 Mill Galvanized, Add	*9.77*	
		For Hot-Dipped Galvanized, Add	*16.29*	
		For Stainless Steel, Add	*65.16*	
04 05 19 13-0070	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	86.36	
		For Class 1 Mill Galvanized, Add	*6.69*	
		For Class 2 Mill Galvanized, Add	*10.03*	
		For Hot-Dipped Galvanized, Add	*16.72*	
		For Stainless Steel, Add	*66.86*	
04 05 19 13-0071	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	94.33	
		For Class 1 Mill Galvanized, Add	*6.84*	
		For Class 2 Mill Galvanized, Add	*10.25*	
		For Hot-Dipped Galvanized, Add	*17.09*	
		For Stainless Steel, Add	*68.36*	
04 05 19 13-0072	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	99.51	
		For Class 1 Mill Galvanized, Add	*7.01*	
		For Class 2 Mill Galvanized, Add	*10.51*	
		For Hot-Dipped Galvanized, Add	*17.52*	
		For Stainless Steel, Add	*70.06*	
04 05 19 13-0073	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	104.21	
		For Class 1 Mill Galvanized, Add	*7.18*	
		For Class 2 Mill Galvanized, Add	*10.76*	
		For Hot-Dipped Galvanized, Add	*17.94*	
		For Stainless Steel, Add	*71.76*	

04 05 19 13-0074 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0059)*

04 05 19 13-0075	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	75.68	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.19*	
		For Stainless Steel, Add	*64.74*	
04 05 19 13-0076	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	81.66	
		For Class 1 Mill Galvanized, Add	*6.71*	
		For Class 2 Mill Galvanized, Add	*10.06*	
		For Hot-Dipped Galvanized, Add	*16.77*	
		For Stainless Steel, Add	*67.08*	
04 05 19 13-0077	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	87.62	
		For Class 1 Mill Galvanized, Add	*6.94*	
		For Class 2 Mill Galvanized, Add	*10.41*	
		For Hot-Dipped Galvanized, Add	*17.35*	
		For Stainless Steel, Add	*69.38*	
04 05 19 13-0078	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	96.24	
		For Class 1 Mill Galvanized, Add	*7.22*	
		For Class 2 Mill Galvanized, Add	*10.83*	
		For Hot-Dipped Galvanized, Add	*18.05*	
		For Stainless Steel, Add	*72.18*	
04 05 19 13-0079	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	101.95	
		For Class 1 Mill Galvanized, Add	*7.49*	
		For Class 2 Mill Galvanized, Add	*11.24*	
		For Hot-Dipped Galvanized, Add	*18.74*	
		For Stainless Steel, Add	*74.94*	
04 05 19 13-0080	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	107.18	
		For Class 1 Mill Galvanized, Add	*7.77*	
		For Class 2 Mill Galvanized, Add	*11.66*	
		For Hot-Dipped Galvanized, Add	*19.43*	
		For Stainless Steel, Add	*77.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 19 13-0081 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0082 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*

04 05 19 13-0083	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	73.91	
		For Class 1 Mill Galvanized, Add	*5.16*	
		For Class 2 Mill Galvanized, Add	*7.74*	
		For Hot-Dipped Galvanized, Add	*12.90*	
		For Stainless Steel, Add	*51.58*	
04 05 19 13-0084	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	79.45	
		For Class 1 Mill Galvanized, Add	*5.30*	
		For Class 2 Mill Galvanized, Add	*7.96*	
		For Hot-Dipped Galvanized, Add	*13.26*	
		For Stainless Steel, Add	*53.04*	
04 05 19 13-0085	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	87.41	
		For Class 1 Mill Galvanized, Add	*5.45*	
		For Class 2 Mill Galvanized, Add	*8.18*	
		For Hot-Dipped Galvanized, Add	*13.63*	
		For Stainless Steel, Add	*54.52*	
04 05 19 13-0086	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	92.61	
		For Class 1 Mill Galvanized, Add	*5.63*	
		For Class 2 Mill Galvanized, Add	*8.44*	
		For Hot-Dipped Galvanized, Add	*14.07*	
		For Stainless Steel, Add	*56.26*	
04 05 19 13-0087	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	97.30	
		For Class 1 Mill Galvanized, Add	*5.79*	
		For Class 2 Mill Galvanized, Add	*8.69*	
		For Hot-Dipped Galvanized, Add	*14.49*	
		For Stainless Steel, Add	*57.94*	
04 05 19 13-0088	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	101.67	
		For Class 1 Mill Galvanized, Add	*6.13*	
		For Class 2 Mill Galvanized, Add	*9.20*	
		For Hot-Dipped Galvanized, Add	*15.33*	
		For Stainless Steel, Add	*61.32*	

04 05 19 13-0089 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*

04 05 19 13-0090	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	81.34	
		For Class 1 Mill Galvanized, Add	*6.64*	
		For Class 2 Mill Galvanized, Add	*9.97*	
		For Hot-Dipped Galvanized, Add	*16.61*	
		For Stainless Steel, Add	*66.44*	
04 05 19 13-0091	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	86.90	
		For Class 1 Mill Galvanized, Add	*6.79*	
		For Class 2 Mill Galvanized, Add	*10.19*	
		For Hot-Dipped Galvanized, Add	*16.99*	
		For Stainless Steel, Add	*67.94*	
04 05 19 13-0092	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	94.96	
		For Class 1 Mill Galvanized, Add	*6.96*	
		For Class 2 Mill Galvanized, Add	*10.44*	
		For Hot-Dipped Galvanized, Add	*17.41*	
		For Stainless Steel, Add	*69.62*	
04 05 19 13-0093	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	100.03	
		For Class 1 Mill Galvanized, Add	*7.11*	
		For Class 2 Mill Galvanized, Add	*10.67*	
		For Hot-Dipped Galvanized, Add	*17.78*	
		For Stainless Steel, Add	*71.10*	
04 05 19 13-0094	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	104.73	
		For Class 1 Mill Galvanized, Add	*7.28*	
		For Class 2 Mill Galvanized, Add	*10.92*	
		For Hot-Dipped Galvanized, Add	*18.20*	
		For Stainless Steel, Add	*72.80*	
04 05 19 13-0095	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	109.20	
		For Class 1 Mill Galvanized, Add	*7.64*	
		For Class 2 Mill Galvanized, Add	*11.46*	
		For Hot-Dipped Galvanized, Add	*19.10*	
		For Stainless Steel, Add	*76.38*	

04 05 19 13-0096 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0081)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0097	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		81.87	
		For Class 1 Mill Galvanized, Add		*6.75*	
		For Class 2 Mill Galvanized, Add		*10.13*	
		For Hot-Dipped Galvanized, Add		*16.88*	
		For Stainless Steel, Add		*67.50*	
04 05 19 13-0098	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		87.84	
		For Class 1 Mill Galvanized, Add		*6.98*	
		For Class 2 Mill Galvanized, Add		*10.47*	
		For Hot-Dipped Galvanized, Add		*17.46*	
		For Stainless Steel, Add		*69.82*	
04 05 19 13-0099	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		96.24	
		For Class 1 Mill Galvanized, Add		*7.22*	
		For Class 2 Mill Galvanized, Add		*10.83*	
		For Hot-Dipped Galvanized, Add		*18.05*	
		For Stainless Steel, Add		*72.18*	
04 05 19 13-0100	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		101.95	
		For Class 1 Mill Galvanized, Add		*7.49*	
		For Class 2 Mill Galvanized, Add		*11.24*	
		For Hot-Dipped Galvanized, Add		*18.74*	
		For Stainless Steel, Add		*74.94*	
04 05 19 13-0101	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		107.18	
		For Class 1 Mill Galvanized, Add		*7.77*	
		For Class 2 Mill Galvanized, Add		*11.66*	
		For Hot-Dipped Galvanized, Add		*19.43*	
		For Stainless Steel, Add		*77.70*	
04 05 19 13-0102	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement		111.83	
		For Class 1 Mill Galvanized, Add		*8.16*	
		For Class 2 Mill Galvanized, Add		*12.25*	
		For Hot-Dipped Galvanized, Add		*20.41*	
		For Stainless Steel, Add		*81.64*	

04 05 19 13-0103 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0104 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

04 05 19 13-0105	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		71.46	
		For Class 1 Mill Galvanized, Add		*4.67*	
		For Class 2 Mill Galvanized, Add		*7.00*	
		For Hot-Dipped Galvanized, Add		*11.67*	
		For Stainless Steel, Add		*46.68*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0106	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		76.88	
		For Class 1 Mill Galvanized, Add		*4.79*	
		For Class 2 Mill Galvanized, Add		*7.19*	
		For Hot-Dipped Galvanized, Add		*11.98*	
		For Stainless Steel, Add		*47.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0107	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		84.75	
		For Class 1 Mill Galvanized, Add		*4.92*	
		For Class 2 Mill Galvanized, Add		*7.38*	
		For Hot-Dipped Galvanized, Add		*12.30*	
		For Stainless Steel, Add		*49.20*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0108	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		89.77	
		For Class 1 Mill Galvanized, Add		*5.06*	
		For Class 2 Mill Galvanized, Add		*7.59*	
		For Hot-Dipped Galvanized, Add		*12.65*	
		For Stainless Steel, Add		*50.58*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0109	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		94.35	
		For Class 1 Mill Galvanized, Add		*5.20*	
		For Class 2 Mill Galvanized, Add		*7.81*	
		For Hot-Dipped Galvanized, Add		*13.01*	
		For Stainless Steel, Add		*52.04*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0110	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		97.68	
		For Class 1 Mill Galvanized, Add		*5.33*	
		For Class 2 Mill Galvanized, Add		*8.00*	
		For Hot-Dipped Galvanized, Add		*13.34*	
		For Stainless Steel, Add		*53.34*	
		For Seismic Hook And Eye, Add		*27.50*	

04 05 19 13-0111 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0112	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	78.43	
		For Class 1 Mill Galvanized, Add	*6.06*	
		For Class 2 Mill Galvanized, Add	*9.09*	
		For Hot-Dipped Galvanized, Add	*15.16*	
		For Stainless Steel, Add	*60.62*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0113	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	83.72	
		For Class 1 Mill Galvanized, Add	*6.16*	
		For Class 2 Mill Galvanized, Add	*9.24*	
		For Hot-Dipped Galvanized, Add	*15.40*	
		For Stainless Steel, Add	*61.58*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0114	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	91.61	
		For Class 1 Mill Galvanized, Add	*6.29*	
		For Class 2 Mill Galvanized, Add	*9.44*	
		For Hot-Dipped Galvanized, Add	*15.73*	
		For Stainless Steel, Add	*62.92*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0115	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	96.59	
		For Class 1 Mill Galvanized, Add	*6.42*	
		For Class 2 Mill Galvanized, Add	*9.63*	
		For Hot-Dipped Galvanized, Add	*16.06*	
		For Stainless Steel, Add	*64.22*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0116	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	101.09	
		For Class 1 Mill Galvanized, Add	*6.55*	
		For Class 2 Mill Galvanized, Add	*9.83*	
		For Hot-Dipped Galvanized, Add	*16.38*	
		For Stainless Steel, Add	*65.52*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0117	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	105.18	
		For Class 1 Mill Galvanized, Add	*6.83*	
		For Class 2 Mill Galvanized, Add	*10.25*	
		For Hot-Dipped Galvanized, Add	*17.09*	
		For Stainless Steel, Add	*68.34*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0118 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0103)*

04 05 19 13-0119	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	78.95	
		For Class 1 Mill Galvanized, Add	*6.17*	
		For Class 2 Mill Galvanized, Add	*9.25*	
		For Hot-Dipped Galvanized, Add	*15.42*	
		For Stainless Steel, Add	*61.66*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0120	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	84.87	
		For Class 1 Mill Galvanized, Add	*6.39*	
		For Class 2 Mill Galvanized, Add	*9.58*	
		For Hot-Dipped Galvanized, Add	*15.97*	
		For Stainless Steel, Add	*63.88*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0121	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	93.19	
		For Class 1 Mill Galvanized, Add	*6.61*	
		For Class 2 Mill Galvanized, Add	*9.91*	
		For Hot-Dipped Galvanized, Add	*16.52*	
		For Stainless Steel, Add	*66.08*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0122	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	98.85	
		For Class 1 Mill Galvanized, Add	*6.87*	
		For Class 2 Mill Galvanized, Add	*10.31*	
		For Hot-Dipped Galvanized, Add	*17.19*	
		For Stainless Steel, Add	*68.74*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0123	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	104.02	
		For Class 1 Mill Galvanized, Add	*7.14*	
		For Class 2 Mill Galvanized, Add	*10.71*	
		For Hot-Dipped Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*71.38*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0124	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	108.01	
		For Class 1 Mill Galvanized, Add	*7.40*	
		For Class 2 Mill Galvanized, Add	*11.10*	
		For Hot-Dipped Galvanized, Add	*18.50*	
		For Stainless Steel, Add	*74.00*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0125		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0126		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*		
04 05 19 13-0127	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	77.66	
		For Class 1 Mill Galvanized, Add	*4.95*	
		For Class 2 Mill Galvanized, Add	*7.42*	
		For Hot-Dipped Galvanized, Add	*12.37*	
		For Stainless Steel, Add	*49.46*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0128	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	85.48	
		For Class 1 Mill Galvanized, Add	*5.07*	
		For Class 2 Mill Galvanized, Add	*7.60*	
		For Hot-Dipped Galvanized, Add	*12.67*	
		For Stainless Steel, Add	*50.66*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0129	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	90.40	
		For Class 1 Mill Galvanized, Add	*5.18*	
		For Class 2 Mill Galvanized, Add	*7.78*	
		For Hot-Dipped Galvanized, Add	*12.96*	
		For Stainless Steel, Add	*51.84*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0130	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	95.02	
		For Class 1 Mill Galvanized, Add	*5.34*	
		For Class 2 Mill Galvanized, Add	*8.01*	
		For Hot-Dipped Galvanized, Add	*13.35*	
		For Stainless Steel, Add	*53.38*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0131	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	98.39	
		For Class 1 Mill Galvanized, Add	*5.48*	
		For Class 2 Mill Galvanized, Add	*8.21*	
		For Hot-Dipped Galvanized, Add	*13.69*	
		For Stainless Steel, Add	*54.76*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0132		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*		
04 05 19 13-0133	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	84.38	
		For Class 1 Mill Galvanized, Add	*6.29*	
		For Class 2 Mill Galvanized, Add	*9.44*	
		For Hot-Dipped Galvanized, Add	*15.73*	
		For Stainless Steel, Add	*62.90*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0134	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	92.25	
		For Class 1 Mill Galvanized, Add	*6.42*	
		For Class 2 Mill Galvanized, Add	*9.63*	
		For Hot-Dipped Galvanized, Add	*16.05*	
		For Stainless Steel, Add	*64.20*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0135	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	97.27	
		For Class 1 Mill Galvanized, Add	*6.56*	
		For Class 2 Mill Galvanized, Add	*9.84*	
		For Hot-Dipped Galvanized, Add	*16.40*	
		For Stainless Steel, Add	*65.58*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0136	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	101.68	
		For Class 1 Mill Galvanized, Add	*6.67*	
		For Class 2 Mill Galvanized, Add	*10.01*	
		For Hot-Dipped Galvanized, Add	*16.68*	
		For Stainless Steel, Add	*66.70*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0137	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	105.11	
		For Class 1 Mill Galvanized, Add	*6.82*	
		For Class 2 Mill Galvanized, Add	*10.23*	
		For Hot-Dipped Galvanized, Add	*17.05*	
		For Stainless Steel, Add	*68.20*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0138		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0125)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0139		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	85.07	
			For Class 1 Mill Galvanized, Add	*6.43*	
			For Class 2 Mill Galvanized, Add	*9.64*	
			For Hot-Dipped Galvanized, Add	*16.07*	
			For Stainless Steel, Add	*64.28*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0140		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	93.40	
			For Class 1 Mill Galvanized, Add	*6.65*	
			For Class 2 Mill Galvanized, Add	*9.98*	
			For Hot-Dipped Galvanized, Add	*16.63*	
			For Stainless Steel, Add	*66.50*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0141		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	98.85	
			For Class 1 Mill Galvanized, Add	*6.87*	
			For Class 2 Mill Galvanized, Add	*10.31*	
			For Hot-Dipped Galvanized, Add	*17.19*	
			For Stainless Steel, Add	*68.74*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0142		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	104.02	
			For Class 1 Mill Galvanized, Add	*7.14*	
			For Class 2 Mill Galvanized, Add	*10.71*	
			For Hot-Dipped Galvanized, Add	*17.85*	
			For Stainless Steel, Add	*71.38*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0143		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	108.01	
			For Class 1 Mill Galvanized, Add	*7.40*	
			For Class 2 Mill Galvanized, Add	*11.10*	
			For Hot-Dipped Galvanized, Add	*18.50*	
			For Stainless Steel, Add	*74.00*	
			For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0144 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0145 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0146 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

04 05 19 13-0147		CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	43.09	
			For Class 1 Mill Galvanized, Add	*1.94*	
			For Class 2 Mill Galvanized, Add	*2.92*	
			For Hot-Dipped Galvanized, Add	*4.86*	
			For Stainless Steel, Add	*19.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0148		CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	45.47	
			For Class 1 Mill Galvanized, Add	*1.97*	
			For Class 2 Mill Galvanized, Add	*2.95*	
			For Hot-Dipped Galvanized, Add	*4.92*	
			For Stainless Steel, Add	*19.66*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0149		CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	49.11	
			For Class 1 Mill Galvanized, Add	*2.04*	
			For Class 2 Mill Galvanized, Add	*3.07*	
			For Hot-Dipped Galvanized, Add	*5.11*	
			For Stainless Steel, Add	*20.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0150		CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	53.49	
			For Class 1 Mill Galvanized, Add	*2.14*	
			For Class 2 Mill Galvanized, Add	*3.22*	
			For Hot-Dipped Galvanized, Add	*5.36*	
			For Stainless Steel, Add	*21.44*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	
04 05 19 13-0151		CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	58.82	
			For Class 1 Mill Galvanized, Add	*2.26*	
			For Class 2 Mill Galvanized, Add	*3.39*	
			For Hot-Dipped Galvanized, Add	*5.65*	
			For Stainless Steel, Add	*22.58*	
			For Cavity Drip, Add	*0.50*	
			For 3-Wire, Add	*8.75*	
			For Double Side Rods, Add	*17.50*	

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	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	62.91	
	For Class 1 Mill Galvanized, Add	*2.32*	
	For Class 2 Mill Galvanized, Add	*3.48*	
	For Hot-Dipped Galvanized, Add	*5.80*	
	For Stainless Steel, Add	*23.18*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0153	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	65.50	
	For Class 1 Mill Galvanized, Add	*2.41*	
	For Class 2 Mill Galvanized, Add	*3.61*	
	For Hot-Dipped Galvanized, Add	*6.02*	
	For Stainless Steel, Add	*24.06*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0154	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	74.21	
	For Class 1 Mill Galvanized, Add	*3.38*	
	For Class 2 Mill Galvanized, Add	*5.07*	
	For Hot-Dipped Galvanized, Add	*8.45*	
	For Stainless Steel, Add	*33.80*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0155	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	78.60	
	For Class 1 Mill Galvanized, Add	*3.57*	
	For Class 2 Mill Galvanized, Add	*5.36*	
	For Hot-Dipped Galvanized, Add	*8.94*	
	For Stainless Steel, Add	*35.74*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0156	CLF #20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.93	
	For Class 1 Mill Galvanized, Add	*6.18*	
	For Class 2 Mill Galvanized, Add	*9.27*	
	For Hot-Dipped Galvanized, Add	*15.46*	
	For Stainless Steel, Add	*61.82*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	

04 05 19 13-0157 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

04 05 19 13-0158	CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	46.85	
	For Class 1 Mill Galvanized, Add	*2.70*	
	For Class 2 Mill Galvanized, Add	*4.04*	
	For Hot-Dipped Galvanized, Add	*6.74*	
	For Stainless Steel, Add	*26.96*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0159	CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	49.31	
	For Class 1 Mill Galvanized, Add	*2.73*	
	For Class 2 Mill Galvanized, Add	*4.10*	
	For Hot-Dipped Galvanized, Add	*6.84*	
	For Stainless Steel, Add	*27.34*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0160	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.95	
	For Class 1 Mill Galvanized, Add	*2.81*	
	For Class 2 Mill Galvanized, Add	*4.22*	
	For Hot-Dipped Galvanized, Add	*7.03*	
	For Stainless Steel, Add	*28.12*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	
04 05 19 13-0161	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	57.32	
	For Class 1 Mill Galvanized, Add	*2.91*	
	For Class 2 Mill Galvanized, Add	*4.37*	
	For Hot-Dipped Galvanized, Add	*7.28*	
	For Stainless Steel, Add	*29.10*	
	For Cavity Drip, Add	*0.50*	
	For 3-Wire, Add	*8.75*	
	For Double Side Rods, Add	*17.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0162	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	62.60	
		For Class 1 Mill Galvanized, Add	*3.01*	
		For Class 2 Mill Galvanized, Add	*4.52*	
		For Hot-Dipped Galvanized, Add	*7.54*	
		For Stainless Steel, Add	*30.14*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0163	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	66.73	
		For Class 1 Mill Galvanized, Add	*3.08*	
		For Class 2 Mill Galvanized, Add	*4.63*	
		For Hot-Dipped Galvanized, Add	*7.71*	
		For Stainless Steel, Add	*30.84*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0164	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	69.27	
		For Class 1 Mill Galvanized, Add	*3.16*	
		For Class 2 Mill Galvanized, Add	*4.74*	
		For Hot-Dipped Galvanized, Add	*7.90*	
		For Stainless Steel, Add	*31.60*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0165	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	79.28	
		For Class 1 Mill Galvanized, Add	*4.39*	
		For Class 2 Mill Galvanized, Add	*6.59*	
		For Hot-Dipped Galvanized, Add	*10.99*	
		For Stainless Steel, Add	*43.94*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0166	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.66	
		For Class 1 Mill Galvanized, Add	*4.59*	
		For Class 2 Mill Galvanized, Add	*6.88*	
		For Hot-Dipped Galvanized, Add	*11.47*	
		For Stainless Steel, Add	*45.86*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0167	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.05	
		For Class 1 Mill Galvanized, Add	*8.66*	
		For Class 2 Mill Galvanized, Add	*13.00*	
		For Hot-Dipped Galvanized, Add	*21.66*	
		For Stainless Steel, Add	*86.64*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0168 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0145)*

04 05 19 13-0169	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.61	
		For Class 1 Mill Galvanized, Add	*3.85*	
		For Class 2 Mill Galvanized, Add	*5.77*	
		For Hot-Dipped Galvanized, Add	*9.62*	
		For Stainless Steel, Add	*38.48*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0170	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	55.42	
		For Class 1 Mill Galvanized, Add	*3.90*	
		For Class 2 Mill Galvanized, Add	*5.84*	
		For Hot-Dipped Galvanized, Add	*9.74*	
		For Stainless Steel, Add	*38.96*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0171	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	58.69	
		For Class 1 Mill Galvanized, Add	*4.04*	
		For Class 2 Mill Galvanized, Add	*6.06*	
		For Hot-Dipped Galvanized, Add	*10.10*	
		For Stainless Steel, Add	*40.38*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0172	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	63.94	
		For Class 1 Mill Galvanized, Add	*4.23*	
		For Class 2 Mill Galvanized, Add	*6.35*	
		For Hot-Dipped Galvanized, Add	*10.59*	
		For Stainless Steel, Add	*42.34*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0173	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	69.44	
		For Class 1 Mill Galvanized, Add	*4.48*	
		For Class 2 Mill Galvanized, Add	*6.72*	
		For Hot-Dipped Galvanized, Add	*11.20*	
		For Stainless Steel, Add	*44.78*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0174	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	74.27	
		For Class 1 Mill Galvanized, Add	*4.59*	
		For Class 2 Mill Galvanized, Add	*6.88*	
		For Hot-Dipped Galvanized, Add	*11.47*	
		For Stainless Steel, Add	*45.88*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0175	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.24	
		For Class 1 Mill Galvanized, Add	*4.75*	
		For Class 2 Mill Galvanized, Add	*7.13*	
		For Hot-Dipped Galvanized, Add	*11.89*	
		For Stainless Steel, Add	*47.54*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0176	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	90.69	
		For Class 1 Mill Galvanized, Add	*6.67*	
		For Class 2 Mill Galvanized, Add	*10.01*	
		For Hot-Dipped Galvanized, Add	*16.69*	
		For Stainless Steel, Add	*66.74*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0177	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.00	
		For Class 1 Mill Galvanized, Add	*7.05*	
		For Class 2 Mill Galvanized, Add	*10.58*	
		For Hot-Dipped Galvanized, Add	*17.63*	
		For Stainless Steel, Add	*70.52*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	
04 05 19 13-0178	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.98	
		For Class 1 Mill Galvanized, Add	*12.19*	
		For Class 2 Mill Galvanized, Add	*18.29*	
		For Hot-Dipped Galvanized, Add	*30.48*	
		For Stainless Steel, Add	*121.92*	
		For Cavity Drip, Add	*0.50*	
		For 3-Wire, Add	*8.75*	
		For Double Side Rods, Add	*17.50*	

04 05 19 13-0179 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0180 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

04 05 19 13-0181	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	58.55	
		For Class 1 Mill Galvanized, Add	*3.05*	
		For Class 2 Mill Galvanized, Add	*4.57*	
		For Hot-Dipped Galvanized, Add	*7.62*	
		For Stainless Steel, Add	*30.48*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0182	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	64.09	
		For Class 1 Mill Galvanized, Add	*3.19*	
		For Class 2 Mill Galvanized, Add	*4.79*	
		For Hot-Dipped Galvanized, Add	*7.99*	
		For Stainless Steel, Add	*31.94*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0183	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	69.83	
		For Class 1 Mill Galvanized, Add	*3.38*	
		For Class 2 Mill Galvanized, Add	*5.07*	
		For Hot-Dipped Galvanized, Add	*8.45*	
		For Stainless Steel, Add	*33.80*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0184	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	75.30	
		For Class 1 Mill Galvanized, Add	*3.51*	
		For Class 2 Mill Galvanized, Add	*5.27*	
		For Hot-Dipped Galvanized, Add	*8.78*	
		For Stainless Steel, Add	*35.10*	
		For Cavity Drip, Add	*0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0185	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	78.23	
		For Class 1 Mill Galvanized, Add	*3.62*	
		For Class 2 Mill Galvanized, Add	*5.42*	
		For Hot-Dipped Galvanized, Add	*9.04*	
		For Stainless Steel, Add	*36.16*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0186	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	83.85	
		For Class 1 Mill Galvanized, Add	*3.87*	
		For Class 2 Mill Galvanized, Add	*5.81*	
		For Hot-Dipped Galvanized, Add	*9.69*	
		For Stainless Steel, Add	*38.74*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0187	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	88.99	
		For Class 1 Mill Galvanized, Add	*4.13*	
		For Class 2 Mill Galvanized, Add	*6.20*	
		For Hot-Dipped Galvanized, Add	*10.33*	
		For Stainless Steel, Add	*41.32*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0188 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

04 05 19 13-0189	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	63.29	
		For Class 1 Mill Galvanized, Add	*4.00*	
		For Class 2 Mill Galvanized, Add	*5.99*	
		For Hot-Dipped Galvanized, Add	*9.99*	
		For Stainless Steel, Add	*39.96*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0190	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	68.85	
		For Class 1 Mill Galvanized, Add	*4.15*	
		For Class 2 Mill Galvanized, Add	*6.22*	
		For Hot-Dipped Galvanized, Add	*10.37*	
		For Stainless Steel, Add	*41.46*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0191	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	74.57	
		For Class 1 Mill Galvanized, Add	*4.33*	
		For Class 2 Mill Galvanized, Add	*6.49*	
		For Hot-Dipped Galvanized, Add	*10.82*	
		For Stainless Steel, Add	*43.28*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0192	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	80.04	
		For Class 1 Mill Galvanized, Add	*4.46*	
		For Class 2 Mill Galvanized, Add	*6.69*	
		For Hot-Dipped Galvanized, Add	*11.15*	
		For Stainless Steel, Add	*44.58*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0193	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	82.95	
		For Class 1 Mill Galvanized, Add	*4.56*	
		For Class 2 Mill Galvanized, Add	*6.84*	
		For Hot-Dipped Galvanized, Add	*11.40*	
		For Stainless Steel, Add	*45.60*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0194	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	88.58	
		For Class 1 Mill Galvanized, Add	*4.82*	
		For Class 2 Mill Galvanized, Add	*7.23*	
		For Hot-Dipped Galvanized, Add	*12.05*	
		For Stainless Steel, Add	*48.20*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0195	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	93.74	
		For Class 1 Mill Galvanized, Add	*5.08*	
		For Class 2 Mill Galvanized, Add	*7.62*	
		For Hot-Dipped Galvanized, Add	*12.71*	
		For Stainless Steel, Add	*50.82*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0196 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0179)*

04 05 19 13-0197	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	67.69	
		For Class 1 Mill Galvanized, Add	*4.88*	
		For Class 2 Mill Galvanized, Add	*7.31*	
		For Hot-Dipped Galvanized, Add	*12.19*	
		For Stainless Steel, Add	*48.76*	
		For Cavity Drip, Add	*0.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0198	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	73.66	
		For Class 1 Mill Galvanized, Add	*5.11*	
		For Class 2 Mill Galvanized, Add	*7.66*	
		For Hot-Dipped Galvanized, Add	*12.77*	
		For Stainless Steel, Add	*51.08*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0199	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	80.05	
		For Class 1 Mill Galvanized, Add	*5.42*	
		For Class 2 Mill Galvanized, Add	*8.14*	
		For Hot-Dipped Galvanized, Add	*13.56*	
		For Stainless Steel, Add	*54.24*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0200	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	85.73	
		For Class 1 Mill Galvanized, Add	*5.60*	
		For Class 2 Mill Galvanized, Add	*8.39*	
		For Hot-Dipped Galvanized, Add	*13.99*	
		For Stainless Steel, Add	*55.96*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0201	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	88.99	
		For Class 1 Mill Galvanized, Add	*5.77*	
		For Class 2 Mill Galvanized, Add	*8.65*	
		For Hot-Dipped Galvanized, Add	*14.42*	
		For Stainless Steel, Add	*57.68*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0202	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	95.27	
		For Class 1 Mill Galvanized, Add	*6.16*	
		For Class 2 Mill Galvanized, Add	*9.24*	
		For Hot-Dipped Galvanized, Add	*15.40*	
		For Stainless Steel, Add	*61.58*	
		For Cavity Drip, Add	*0.50*	
04 05 19 13-0203	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	100.72	
		For Class 1 Mill Galvanized, Add	*6.48*	
		For Class 2 Mill Galvanized, Add	*9.72*	
		For Hot-Dipped Galvanized, Add	*16.20*	
		For Stainless Steel, Add	*64.78*	
		For Cavity Drip, Add	*0.50*	

04 05 19 13-0204 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0205 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0206	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	73.34	
		For Class 1 Mill Galvanized, Add	*6.01*	
		For Class 2 Mill Galvanized, Add	*9.01*	
		For Hot-Dipped Galvanized, Add	*15.02*	
		For Stainless Steel, Add	*60.06*	
04 05 19 13-0207	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	78.36	
		For Class 1 Mill Galvanized, Add	*6.05*	
		For Class 2 Mill Galvanized, Add	*9.07*	
		For Hot-Dipped Galvanized, Add	*15.12*	
		For Stainless Steel, Add	*60.48*	
04 05 19 13-0208	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	83.91	
		For Class 1 Mill Galvanized, Add	*6.20*	
		For Class 2 Mill Galvanized, Add	*9.29*	
		For Hot-Dipped Galvanized, Add	*15.49*	
		For Stainless Steel, Add	*61.96*	
04 05 19 13-0209	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	92.10	
		For Class 1 Mill Galvanized, Add	*6.39*	
		For Class 2 Mill Galvanized, Add	*9.59*	
		For Hot-Dipped Galvanized, Add	*15.98*	
		For Stainless Steel, Add	*63.90*	
04 05 19 13-0210	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	97.59	
		For Class 1 Mill Galvanized, Add	*6.62*	
		For Class 2 Mill Galvanized, Add	*9.93*	
		For Hot-Dipped Galvanized, Add	*16.56*	
		For Stainless Steel, Add	*66.22*	
04 05 19 13-0211	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	102.84	
		For Class 1 Mill Galvanized, Add	*6.90*	
		For Class 2 Mill Galvanized, Add	*10.35*	
		For Hot-Dipped Galvanized, Add	*17.26*	
		For Stainless Steel, Add	*69.02*	

04 05 19 13-0212 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0213	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.68	
		For Class 1 Mill Galvanized, Add	*7.47*	
		For Class 2 Mill Galvanized, Add	*11.21*	
		For Hot-Dipped Galvanized, Add	*18.69*	
		For Stainless Steel, Add	*74.74*	
04 05 19 13-0214	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	85.80	
		For Class 1 Mill Galvanized, Add	*7.54*	
		For Class 2 Mill Galvanized, Add	*11.30*	
		For Hot-Dipped Galvanized, Add	*18.84*	
		For Stainless Steel, Add	*75.36*	
04 05 19 13-0215	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	91.35	
		For Class 1 Mill Galvanized, Add	*7.68*	
		For Class 2 Mill Galvanized, Add	*11.53*	
		For Hot-Dipped Galvanized, Add	*19.21*	
		For Stainless Steel, Add	*76.84*	
04 05 19 13-0216	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	99.53	
		For Class 1 Mill Galvanized, Add	*7.88*	
		For Class 2 Mill Galvanized, Add	*11.81*	
		For Hot-Dipped Galvanized, Add	*19.69*	
		For Stainless Steel, Add	*78.76*	
04 05 19 13-0217	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	104.92	
		For Class 1 Mill Galvanized, Add	*8.09*	
		For Class 2 Mill Galvanized, Add	*12.13*	
		For Hot-Dipped Galvanized, Add	*20.22*	
		For Stainless Steel, Add	*80.88*	
04 05 19 13-0218	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	109.84	
		For Class 1 Mill Galvanized, Add	*8.30*	
		For Class 2 Mill Galvanized, Add	*12.45*	
		For Hot-Dipped Galvanized, Add	*20.76*	
		For Stainless Steel, Add	*83.02*	

04 05 19 13-0219 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0220	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	84.70	
		For Class 1 Mill Galvanized, Add	*8.28*	
		For Class 2 Mill Galvanized, Add	*12.42*	
		For Hot-Dipped Galvanized, Add	*20.70*	
		For Stainless Steel, Add	*82.78*	
04 05 19 13-0221	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	89.83	
		For Class 1 Mill Galvanized, Add	*8.34*	
		For Class 2 Mill Galvanized, Add	*12.51*	
		For Hot-Dipped Galvanized, Add	*20.86*	
		For Stainless Steel, Add	*83.42*	
04 05 19 13-0222	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	95.79	
		For Class 1 Mill Galvanized, Add	*8.57*	
		For Class 2 Mill Galvanized, Add	*12.86*	
		For Hot-Dipped Galvanized, Add	*21.43*	
		For Stainless Steel, Add	*85.72*	
04 05 19 13-0223	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	104.52	
		For Class 1 Mill Galvanized, Add	*8.87*	
		For Class 2 Mill Galvanized, Add	*13.31*	
		For Hot-Dipped Galvanized, Add	*22.19*	
		For Stainless Steel, Add	*88.74*	
04 05 19 13-0224	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	110.76	
		For Class 1 Mill Galvanized, Add	*9.26*	
		For Class 2 Mill Galvanized, Add	*13.88*	
		For Hot-Dipped Galvanized, Add	*23.14*	
		For Stainless Steel, Add	*92.56*	
04 05 19 13-0225	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	116.73	
		For Class 1 Mill Galvanized, Add	*9.68*	
		For Class 2 Mill Galvanized, Add	*14.52*	
		For Hot-Dipped Galvanized, Add	*24.20*	
		For Stainless Steel, Add	*96.80*	

04 05 19 13-0226 Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0227 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0228	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	79.55	
		For Class 1 Mill Galvanized, Add	*6.29*	
		For Class 2 Mill Galvanized, Add	*9.43*	
		For Hot-Dipped Galvanized, Add	*15.72*	
		For Stainless Steel, Add	*62.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0229	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	84.58	
		For Class 1 Mill Galvanized, Add	*6.33*	
		For Class 2 Mill Galvanized, Add	*9.50*	
		For Hot-Dipped Galvanized, Add	*15.83*	
		For Stainless Steel, Add	*63.30*	
04 05 19 13-0230	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	92.51	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.18*	
		For Stainless Steel, Add	*64.72*	
04 05 19 13-0231	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	97.81	
		For Class 1 Mill Galvanized, Add	*6.67*	
		For Class 2 Mill Galvanized, Add	*10.00*	
		For Hot-Dipped Galvanized, Add	*16.67*	
		For Stainless Steel, Add	*66.66*	
04 05 19 13-0232	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	102.83	
		For Class 1 Mill Galvanized, Add	*6.90*	
		For Class 2 Mill Galvanized, Add	*10.35*	
		For Hot-Dipped Galvanized, Add	*17.25*	
		For Stainless Steel, Add	*69.00*	
04 05 19 13-0233	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	106.71	
		For Class 1 Mill Galvanized, Add	*7.14*	
		For Class 2 Mill Galvanized, Add	*10.71*	
		For Hot-Dipped Galvanized, Add	*17.85*	
		For Stainless Steel, Add	*71.40*	

04 05 19 13-0234 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0235	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	86.86	
		For Class 1 Mill Galvanized, Add	*7.75*	
		For Class 2 Mill Galvanized, Add	*11.62*	
		For Hot-Dipped Galvanized, Add	*19.37*	
		For Stainless Steel, Add	*77.48*	
04 05 19 13-0236	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	91.99	
		For Class 1 Mill Galvanized, Add	*7.81*	
		For Class 2 Mill Galvanized, Add	*11.72*	
		For Hot-Dipped Galvanized, Add	*19.53*	
		For Stainless Steel, Add	*78.12*	
04 05 19 13-0237	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	99.95	
		For Class 1 Mill Galvanized, Add	*7.96*	
		For Class 2 Mill Galvanized, Add	*11.94*	
		For Hot-Dipped Galvanized, Add	*19.90*	
		For Stainless Steel, Add	*79.60*	
04 05 19 13-0238	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	105.24	
		For Class 1 Mill Galvanized, Add	*8.15*	
		For Class 2 Mill Galvanized, Add	*12.23*	
		For Hot-Dipped Galvanized, Add	*20.38*	
		For Stainless Steel, Add	*81.52*	
04 05 19 13-0239	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	110.15	
		For Class 1 Mill Galvanized, Add	*8.36*	
		For Class 2 Mill Galvanized, Add	*12.55*	
		For Hot-Dipped Galvanized, Add	*20.91*	
		For Stainless Steel, Add	*83.64*	
04 05 19 13-0240	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	114.09	
		For Class 1 Mill Galvanized, Add	*8.62*	
		For Class 2 Mill Galvanized, Add	*12.92*	
		For Hot-Dipped Galvanized, Add	*21.54*	
		For Stainless Steel, Add	*86.16*	

04 05 19 13-0241 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0226)*

04 05 19 13-0242	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	90.90	
		For Class 1 Mill Galvanized, Add	*8.56*	
		For Class 2 Mill Galvanized, Add	*12.83*	
		For Hot-Dipped Galvanized, Add	*21.39*	
		For Stainless Steel, Add	*85.56*	
04 05 19 13-0243	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	96.01	
		For Class 1 Mill Galvanized, Add	*8.62*	
		For Class 2 Mill Galvanized, Add	*12.92*	
		For Hot-Dipped Galvanized, Add	*21.54*	
		For Stainless Steel, Add	*86.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0244	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	104.41	
		For Class 1 Mill Galvanized, Add	*8.85*	
		For Class 2 Mill Galvanized, Add	*13.28*	
		For Hot-Dipped Galvanized, Add	*22.13*	
		For Stainless Steel, Add	*88.52*	
04 05 19 13-0245	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	110.24	
		For Class 1 Mill Galvanized, Add	*9.15*	
		For Class 2 Mill Galvanized, Add	*13.73*	
		For Hot-Dipped Galvanized, Add	*22.88*	
		For Stainless Steel, Add	*91.52*	
04 05 19 13-0246	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	115.99	
		For Class 1 Mill Galvanized, Add	*9.53*	
		For Class 2 Mill Galvanized, Add	*14.30*	
		For Hot-Dipped Galvanized, Add	*23.83*	
		For Stainless Steel, Add	*95.32*	
04 05 19 13-0247	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	120.12	
		For Class 1 Mill Galvanized, Add	*9.82*	
		For Class 2 Mill Galvanized, Add	*14.73*	
		For Hot-Dipped Galvanized, Add	*24.56*	
		For Stainless Steel, Add	*98.22*	

04 05 19 13-0248 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0249 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*

04 05 19 13-0250	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	76.72	
		For Class 1 Mill Galvanized, Add	*5.72*	
		For Class 2 Mill Galvanized, Add	*8.58*	
		For Hot-Dipped Galvanized, Add	*14.30*	
		For Stainless Steel, Add	*57.20*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0251	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	81.73	
		For Class 1 Mill Galvanized, Add	*5.76*	
		For Class 2 Mill Galvanized, Add	*8.64*	
		For Hot-Dipped Galvanized, Add	*14.40*	
		For Stainless Steel, Add	*57.60*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0252	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	89.57	
		For Class 1 Mill Galvanized, Add	*5.88*	
		For Class 2 Mill Galvanized, Add	*8.83*	
		For Hot-Dipped Galvanized, Add	*14.71*	
		For Stainless Steel, Add	*58.84*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0253	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	94.79	
		For Class 1 Mill Galvanized, Add	*6.06*	
		For Class 2 Mill Galvanized, Add	*9.09*	
		For Hot-Dipped Galvanized, Add	*15.16*	
		For Stainless Steel, Add	*60.62*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0254	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	99.57	
		For Class 1 Mill Galvanized, Add	*6.25*	
		For Class 2 Mill Galvanized, Add	*9.37*	
		For Hot-Dipped Galvanized, Add	*15.62*	
		For Stainless Steel, Add	*62.48*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0255	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	103.38	
		For Class 1 Mill Galvanized, Add	*6.47*	
		For Class 2 Mill Galvanized, Add	*9.71*	
		For Hot-Dipped Galvanized, Add	*16.19*	
		For Stainless Steel, Add	*64.74*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0256 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*

04 05 19 13-0257	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	83.46	
		For Class 1 Mill Galvanized, Add	*7.07*	
		For Class 2 Mill Galvanized, Add	*10.60*	
		For Hot-Dipped Galvanized, Add	*17.67*	
		For Stainless Steel, Add	*70.68*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0258	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	88.55	
		For Class 1 Mill Galvanized, Add	*7.12*	
		For Class 2 Mill Galvanized, Add	*10.69*	
		For Hot-Dipped Galvanized, Add	*17.81*	
		For Stainless Steel, Add	*71.24*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0259	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	96.33	
		For Class 1 Mill Galvanized, Add	*7.24*	
		For Class 2 Mill Galvanized, Add	*10.85*	
		For Hot-Dipped Galvanized, Add	*18.09*	
		For Stainless Steel, Add	*72.36*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0260	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	101.51	
		For Class 1 Mill Galvanized, Add	*7.41*	
		For Class 2 Mill Galvanized, Add	*11.11*	
		For Hot-Dipped Galvanized, Add	*18.52*	
		For Stainless Steel, Add	*74.06*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0261	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	106.28	
		For Class 1 Mill Galvanized, Add	*7.59*	
		For Class 2 Mill Galvanized, Add	*11.39*	
		For Hot-Dipped Galvanized, Add	*18.98*	
		For Stainless Steel, Add	*75.90*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0262	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	109.97	
		For Class 1 Mill Galvanized, Add	*7.79*	
		For Class 2 Mill Galvanized, Add	*11.69*	
		For Hot-Dipped Galvanized, Add	*19.48*	
		For Stainless Steel, Add	*77.92*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0263 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0248)*

04 05 19 13-0264	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	87.54	
		For Class 1 Mill Galvanized, Add	*7.88*	
		For Class 2 Mill Galvanized, Add	*11.83*	
		For Hot-Dipped Galvanized, Add	*19.71*	
		For Stainless Steel, Add	*78.84*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0265	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	92.65	
		For Class 1 Mill Galvanized, Add	*7.94*	
		For Class 2 Mill Galvanized, Add	*11.92*	
		For Hot-Dipped Galvanized, Add	*19.86*	
		For Stainless Steel, Add	*79.44*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0266	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	100.97	
		For Class 1 Mill Galvanized, Add	*8.16*	
		For Class 2 Mill Galvanized, Add	*12.25*	
		For Hot-Dipped Galvanized, Add	*20.41*	
		For Stainless Steel, Add	*81.64*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0267	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	106.74	
		For Class 1 Mill Galvanized, Add	*8.45*	
		For Class 2 Mill Galvanized, Add	*12.68*	
		For Hot-Dipped Galvanized, Add	*21.13*	
		For Stainless Steel, Add	*84.52*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0268	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	112.41	
		For Class 1 Mill Galvanized, Add	*8.82*	
		For Class 2 Mill Galvanized, Add	*13.22*	
		For Hot-Dipped Galvanized, Add	*22.04*	
		For Stainless Steel, Add	*88.16*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0269	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	117.11	
		For Class 1 Mill Galvanized, Add	*9.22*	
		For Class 2 Mill Galvanized, Add	*13.83*	
		For Hot-Dipped Galvanized, Add	*23.05*	
		For Stainless Steel, Add	*92.20*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0270 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0144)*

04 05 19 13-0271 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0270)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0272		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	82.88	
			For Class 1 Mill Galvanized, Add	*5.99*	
			For Class 2 Mill Galvanized, Add	*8.99*	
			For Hot-Dipped Galvanized, Add	*14.98*	
			For Stainless Steel, Add	*59.90*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0273		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	90.31	
			For Class 1 Mill Galvanized, Add	*6.03*	
			For Class 2 Mill Galvanized, Add	*9.05*	
			For Hot-Dipped Galvanized, Add	*15.08*	
			For Stainless Steel, Add	*60.32*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0274		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	95.30	
			For Class 1 Mill Galvanized, Add	*6.16*	
			For Class 2 Mill Galvanized, Add	*9.25*	
			For Hot-Dipped Galvanized, Add	*15.41*	
			For Stainless Steel, Add	*61.64*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0275		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	100.09	
			For Class 1 Mill Galvanized, Add	*6.35*	
			For Class 2 Mill Galvanized, Add	*9.53*	
			For Hot-Dipped Galvanized, Add	*15.88*	
			For Stainless Steel, Add	*63.52*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0276		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	103.86	
			For Class 1 Mill Galvanized, Add	*6.57*	
			For Class 2 Mill Galvanized, Add	*9.86*	
			For Hot-Dipped Galvanized, Add	*16.43*	
			For Stainless Steel, Add	*65.70*	
			For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0277 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0270)*

04 05 19 13-0278		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	90.14	
			For Class 1 Mill Galvanized, Add	*7.44*	
			For Class 2 Mill Galvanized, Add	*11.16*	
			For Hot-Dipped Galvanized, Add	*18.61*	
			For Stainless Steel, Add	*74.42*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0279		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	97.59	
			For Class 1 Mill Galvanized, Add	*7.49*	
			For Class 2 Mill Galvanized, Add	*11.23*	
			For Hot-Dipped Galvanized, Add	*18.72*	
			For Stainless Steel, Add	*74.88*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0280		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	102.56	
			For Class 1 Mill Galvanized, Add	*7.62*	
			For Class 2 Mill Galvanized, Add	*11.42*	
			For Hot-Dipped Galvanized, Add	*19.04*	
			For Stainless Steel, Add	*76.16*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0281		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	107.27	
			For Class 1 Mill Galvanized, Add	*7.79*	
			For Class 2 Mill Galvanized, Add	*11.68*	
			For Hot-Dipped Galvanized, Add	*19.47*	
			For Stainless Steel, Add	*77.88*	
			For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0282		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	110.84	
			For Class 1 Mill Galvanized, Add	*7.97*	
			For Class 2 Mill Galvanized, Add	*11.95*	
			For Hot-Dipped Galvanized, Add	*19.92*	
			For Stainless Steel, Add	*79.66*	
			For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0283 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0270)*

04 05 19 13-0284		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	93.67	
			For Class 1 Mill Galvanized, Add	*8.15*	
			For Class 2 Mill Galvanized, Add	*12.22*	
			For Hot-Dipped Galvanized, Add	*20.37*	
			For Stainless Steel, Add	*81.48*	
			For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0285	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	101.18	
		For Class 1 Mill Galvanized, Add	*8.21*	
		For Class 2 Mill Galvanized, Add	*12.31*	
		For Hot-Dipped Galvanized, Add	*20.52*	
		For Stainless Steel, Add	*82.06*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0286	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	106.63	
		For Class 1 Mill Galvanized, Add	*8.43*	
		For Class 2 Mill Galvanized, Add	*12.65*	
		For Hot-Dipped Galvanized, Add	*21.08*	
		For Stainless Steel, Add	*84.30*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0287	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	111.91	
		For Class 1 Mill Galvanized, Add	*8.72*	
		For Class 2 Mill Galvanized, Add	*13.07*	
		For Hot-Dipped Galvanized, Add	*21.79*	
		For Stainless Steel, Add	*87.16*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0288	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	116.40	
		For Class 1 Mill Galvanized, Add	*9.08*	
		For Class 2 Mill Galvanized, Add	*13.62*	
		For Hot-Dipped Galvanized, Add	*22.70*	
		For Stainless Steel, Add	*90.78*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.00
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.04
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.08
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.13
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.18
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.08
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.13
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.18
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.23

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.92
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.94
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.96
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.99
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.01
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.96
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.99
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.01
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.04

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.93
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.95
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.02
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.06
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.07
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.11
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.17
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.21

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.87
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.88
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.94
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.95
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.96
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.99
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.01
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.05

04 05 19 16-0041 Wire Beam Ties *(04 05 19 16)*

04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*

04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.13
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.15

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.16	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.18	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.21	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.28	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.32	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.36	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.39	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.42	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.21	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.25	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.27	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.30	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.31	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.08	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.11	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.11	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.14	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.14	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.40	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.44	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.53	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.57	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.44	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.48	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.53	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.57	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.62	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.26	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.29	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.32	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.35	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.38	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.28	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.32	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.35	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.38	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.41	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.87	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.90	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.92	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.93	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.04	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.88	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.89	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.90	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	0.99	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.21	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.26	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.32	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.37	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.66	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 19 16-0108 Wire Mesh Wall Ties *(04 05 19 16)*

Note: 1/2" square mesh.

04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.58
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.85
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.16
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.65
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.58
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.02

04 05 19 16-0115 Triangle Brick Ties *(04 05 19 16)*

04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*

04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.43
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.45
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.52
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.54
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.62
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.65
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.74
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.61
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.63
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.64
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.69
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.71
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.78
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.81
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.90

04 05 19 16-0133 Mill Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*

04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.34
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.34
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.35
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.40
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.40
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.47
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.50
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.45
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.46
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.47
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.52
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.53
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.59
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.61
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.66

04 05 19 16-0150 Seismic Veneer Anchors *(04 05 19 16)*

04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	5.32

04 05 19 16-0152 Slip-Set, Joint Stabilization Anchors *(04 05 19 16)*

Note: For restraining lateral movement at control joints. Field bendable.

04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.51
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	3.78
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.32

04 05 19 16-0156 Strap Partition Top Anchors *(04 05 19 16)*

04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.16
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.61

04 05 19 16-0159 Rigid Partition Anchors *(04 05 19 16)*

04 05 19 16-0160 Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*

04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.87
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.99
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.13
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.26
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.39
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.52
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.39
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.80
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.21
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.63
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.04
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.45

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.76	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.86	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.96	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.06	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.16	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.26	
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.22	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.26	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*		
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.39	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.46	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.51	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.58	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.45	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.51	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.56	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.60	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.76	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.88	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.95	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.06	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.88	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.95	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.02	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.10	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.27	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.32	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.34	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.39	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.29	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.33	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.36	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.39	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.54	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.62	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.65	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.73	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.51	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.63	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.69	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.73	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	2.97	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.17	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.28	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.34	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.48	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.56	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.82	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.88	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.97	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.02	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.39	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.77	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.90	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.33	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.75	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.69	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.98	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.27	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.64	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.86	

04 05 19 16-0244 Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*

04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*

04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.09	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.15	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.22	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.10	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.23	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.32	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.14	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.22	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.30	

04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*

04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.03	
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.07	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.11	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.06	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.14	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.21	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.07	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.17	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.24	

04 05 19 16-0265 Dovetail Stone Anchors *(04 05 19 16-0218)*

04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*

04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.23	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.29	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.36	

04 05 19 16-0270 Dovetail Partition Top Anchors *(04 05 19 16-0218)*

04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	2.30	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	6.03	

04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*

04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*

04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.74	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.83	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.89	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.95	

04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*

04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.62	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.63	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.66	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.76	

04 05 19 26 Masonry Reinforcing Bars *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*

04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	0.72	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.16	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.63	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.12	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	0.73	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.18	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.66	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.16	
04 05 19 26-0010	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	0.85	
04 05 19 26-0011	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.37	
04 05 19 26-0012	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.93	
04 05 19 26-0013	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.48	
04 05 19 26-0014	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	0.86	
04 05 19 26-0015	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.39	
04 05 19 26-0016	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.96	
04 05 19 26-0017	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.52	

04 05 19 26-0018 Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*

04 05 19 26-0019	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0020	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.33	
04 05 19 26-0021	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.89	
04 05 19 26-0022	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.49	
04 05 19 26-0023	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.82	
04 05 19 26-0024	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.34	
04 05 19 26-0025	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.92	
04 05 19 26-0026	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.53	
04 05 19 26-0027	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	0.94	
04 05 19 26-0028	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.54	
04 05 19 26-0029	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.19	
04 05 19 26-0030	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.85	
04 05 19 26-0031	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	0.95	
04 05 19 26-0032	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.55	
04 05 19 26-0033	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.22	
04 05 19 26-0034	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.89	
04 05 19 26-0035		Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0036	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	0.80	
04 05 19 26-0037	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.31	
04 05 19 26-0038	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.86	
04 05 19 26-0039	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.45	
04 05 19 26-0040	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	0.81	
04 05 19 26-0041	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.32	
04 05 19 26-0042	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.89	
04 05 19 26-0043	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.49	
04 05 19 26-0044	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	0.93	
04 05 19 26-0045	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.52	
04 05 19 26-0046	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.16	
04 05 19 26-0047	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.81	
04 05 19 26-0048	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	0.94	
04 05 19 26-0049	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.53	
04 05 19 26-0050	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.19	
04 05 19 26-0051	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.85	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control And Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	3.94	0.85
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	3.86	0.85
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	7.51	0.85

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	2.77	0.85
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	2.84	0.85
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.57	0.85
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.00	0.85
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.85	0.85

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.35	1.44
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.79	1.44
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.99	1.44
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.05	1.44

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.77	1.44
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.16	1.44
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.55	1.44
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.83	1.44

04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.45	1.44
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	5.99	1.44
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.77	1.44
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.40	1.44

04 05 23 16-0017 Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.70	1.35
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.02	1.35
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.90	1.35
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.68	1.35
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.01	1.35
04 05 23 16-0024		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.01	1.35
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.30	1.35
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.32	1.35
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.25	1.35
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.80	1.35
04 05 23 16-0030		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.73	1.35
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.06	1.35
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.94	1.35
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.71	1.35
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.04	1.35
04 05 23 16-0036		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.78	1.35
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.17	1.35
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.74	1.35
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.94	1.35
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.55	1.35
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.08	1.35
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.26	1.35
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	5.40	1.35
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	6.45	1.35
04 05 23 16-0048		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0048)*		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.77	1.35
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.49	1.53
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.59	1.53
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.70	1.53
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.07	1.53

04 05 23 19 Masonry Cavity Drainage, Weepholes, And Vents *(04 05 23)*

04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)*		
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	49.89	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	61.63	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	77.22	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	60.01	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	73.79	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	92.75	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	70.26	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	94.24	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	114.15	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	93.48	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	121.36	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	148.10	

04 05 26 Masonry Scaffolding *(04 05)*

Note: Costs based on one use per month. For use with unit masonry construction only. Height shown in tasks is for height of work. Includes assembly and disassembly of scaffolding.

04 05 26 00-0001 Masonry Scaffolding Usage *(04 05 26)*

Note: Total square foot of area is determined by the square foot of wall area at which scaffolding is required, above the established 4' working height limit. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 26 00-0002	CSF	Exterior Building Scaffolding, 1 To 5 Story, Tubular Steel, Based On 1 Use/Month	368.89	
		For Each Additional Month Of Usage, Add	*96.81*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*272.08*	
04 05 26 00-0003	CSF	Exterior Building Scaffolding, 6 To 12 Story, Tubular Steel, Based On 1 Use/Month	474.11	
		For Each Additional Month Of Usage, Add	*88.45*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*385.66*	
04 05 26 00-0004	CSF	Interior Scaffolding Wall, Up To 16' Tubular Steel, Based On 1 Use/Month	294.67	
		For Each Additional Month Of Usage, Add	*93.13*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*201.54*	
04 05 26 00-0005	CSF	Interior Scaffolding Wall, 16' - 30' Tubular Steel, Based On 1 Use/Month	338.50	
		For Each Additional Month Of Usage, Add	*94.97*	
		For Additional Erection And Dismantling Of Scaffolding, Add	*243.53*	

04 20 Unit Masonry *(04)*

Note: Includes pointing and cleaning of new brick and mortar. Includes cutting of new bricks/blocks to size.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors, 04 05 26 00-0000 for scaffolding.

04 21 13 00-0001 Standard Size Brick With Running Bond *(04 21 13)*

Note: Standard size brick, 2-2/3" x 4" x 8".

04 21 13 00-0002 Red Face Brick *(04 21 13 00-0001)*

04 21 13 00-0003	SF	Standard Size Red Face Brick - Veneer (6.4/SF With Running Bond)	20.56	
		For Full Header Every 6th Course, Add	*0.66*	
		For English, Full Header Every Second Course, Add	*1.32*	
		For Flemish, Alternate Header Every Course, Add	*2.68*	
		For Curved Wall Application, Add	*3.31*	
		For Interior Veneer Construction, Add	*2.48*	
		For Stacked Bond, Add	*1.85*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.13*	
		For Corbels, Add	*12.40*	
		For Colored Mortar, Add	*0.40*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.85*	
		For Herringbone Pattern, Add	*2.88*	
		For Severe Weather (SW) Brick, Add	*0.60*	
		For Close Tolerance (FBX), Add	*1.96*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.00*	
		For >300 To 1,200, Deduct	*-0.40*	
		For >1,200, Deduct	*-1.23*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.73*	
04 21 13 00-0004	SF	Standard Size Red Face Brick - Cavity Wall (6.4/SF With Running Bond)	23.77	
		For Full Header Every 6th Course, Add	*0.79*	
		For English, Full Header Every Second Course, Add	*1.58*	
		For Flemish, Alternate Header Every Course, Add	*3.16*	
		For Curved Wall Application, Add	*3.95*	
		For Interior Veneer Construction, Add	*2.96*	
		For Stacked Bond, Add	*2.18*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.94*	
		For Corbels, Add	*14.81*	
		For Colored Mortar, Add	*0.40*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.18*	
		For Herringbone Pattern, Add	*3.36*	
		For Severe Weather (SW) Brick, Add	*0.60*	
		For Close Tolerance (FBX), Add	*2.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*29.81*	
		For >300 To 1,200, Deduct	*-0.40*	
		For >1,200, Deduct	*-1.39*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*19.94*	
04 21 13 00-0005	SF	Standard Size Red Face Brick - 9" Solid Wall (12.7/SF With Running Bond)	34.27	
		For Full Header Every 6th Course, Add	*1.05*	
		For English, Full Header Every Second Course, Add	*2.10*	
		For Flemish, Alternate Header Every Course, Add	*4.34*	
		For Curved Wall Application, Add	*5.26*	
		For Interior Veneer Construction, Add	*3.95*	
		For Stacked Bond, Add	*3.03*	
		For Battered Walls (Variable Depth Surface Placement), Add	*6.58*	
		For Corbels, Add	*19.73*	
		For Colored Mortar, Add	*0.80*	
		For Basket Weave Or Soldier Bond Pattern, Add	*3.03*	
		For Herringbone Pattern, Add	*4.74*	
		For Severe Weather (SW) Brick, Add	*1.19*	
		For Close Tolerance (FBX), Add	*3.23*	
		For <10, Small Area Replacements (Individual Areas), Add	*39.86*	
		For >300 To 1,200, Deduct	*-0.80*	
		For >1,200, Deduct	*-2.11*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*26.71*	

04 21 13 00-0006 Common Brick *(04 21 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0007	SF	Select Common Brick For Veneer (6.4/SF)	19.68	
		For Full Header Every 6th Course, Add	*0.63*	
		For English, Full Header Every Second Course, Add	*1.25*	
		For Flemish, Alternate Header Every Course, Add	*2.55*	
		For Curved Wall Application, Add	*3.13*	
		For Interior Veneer Construction, Add	*2.35*	
		For Stacked Bond, Add	*1.77*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.91*	
		For Corbels, Add	*11.74*	
		For Colored Mortar, Add	*0.40*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.77*	
		For Herringbone Pattern, Add	*2.75*	
		For Severe Weather (SW) Brick, Add	*0.60*	
		For Close Tolerance (FBX), Add	*1.87*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.68*	
		For >300 To 1,200, Deduct	*-0.40*	
		For >1,200, Deduct	*-1.19*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*15.85*	
04 21 13 00-0008	SF	Common Brick - 4" Back-up (6.4/SF)	17.54	
		For Full Header Every 6th Course, Add	*0.56*	
		For English, Full Header Every Second Course, Add	*1.12*	
		For Flemish, Alternate Header Every Course, Add	*2.27*	
		For Curved Wall Application, Add	*2.79*	
		For Interior Veneer Construction, Add	*2.09*	
		For Stacked Bond, Add	*1.57*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.49*	
		For Corbels, Add	*10.46*	
		For Colored Mortar, Add	*0.36*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.57*	
		For Herringbone Pattern, Add	*2.45*	
		For Severe Weather (SW) Brick, Add	*0.54*	
		For Close Tolerance (FBX), Add	*1.66*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.09*	
		For >300 To 1,200, Deduct	*-0.36*	
		For >1,200, Deduct	*-1.06*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*14.12*	
04 21 13 00-0009	SF	Common Brick - 8" Back-up (12.7/SF)	31.20	
		For Full Header Every 6th Course, Add	*0.96*	
		For English, Full Header Every Second Course, Add	*1.92*	
		For Flemish, Alternate Header Every Course, Add	*3.97*	
		For Curved Wall Application, Add	*4.81*	
		For Interior Veneer Construction, Add	*3.61*	
		For Stacked Bond, Add	*2.76*	
		For Battered Walls (Variable Depth Surface Placement), Add	*6.02*	
		For Corbels, Add	*18.05*	
		For Colored Mortar, Add	*0.71*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.76*	
		For Herringbone Pattern, Add	*4.32*	
		For Severe Weather (SW) Brick, Add	*1.07*	
		For Close Tolerance (FBX), Add	*2.94*	
		For <10, Small Area Replacements (Individual Areas), Add	*36.45*	
		For >300 To 1,200, Deduct	*-0.71*	
		For >1,200, Deduct	*-1.92*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*24.42*	
04 21 13 00-0010	SF	Common Brick - 12" Solid (19/SF)	44.37	
		For Full Header Every 6th Course, Add	*1.35*	
		For English, Full Header Every Second Course, Add	*2.70*	
		For Flemish, Alternate Header Every Course, Add	*5.59*	
		For Curved Wall Application, Add	*6.74*	
		For Interior Veneer Construction, Add	*5.05*	
		For Stacked Bond, Add	*3.90*	
		For Battered Walls (Variable Depth Surface Placement), Add	*8.42*	
		For Corbels, Add	*25.27*	
		For Colored Mortar, Add	*1.07*	
		For Basket Weave Or Soldier Bond Pattern, Add	*3.90*	
		For Herringbone Pattern, Add	*6.12*	
		For Severe Weather (SW) Brick, Add	*1.60*	
		For Close Tolerance (FBX), Add	*4.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*51.07*	
		For >300 To 1,200, Deduct	*-1.07*	
		For >1,200, Deduct	*-2.75*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*34.22*	
04 21 13 00-0011	SF	Common Brick - 16" Solid (25.4/SF)	56.34	
		For Full Header Every 6th Course, Add	*1.69*	
		For English, Full Header Every Second Course, Add	*3.37*	
		For Flemish, Alternate Header Every Course, Add	*7.03*	
		For Curved Wall Application, Add	*8.43*	
		For Interior Veneer Construction, Add	*6.32*	
		For Stacked Bond, Add	*4.92*	
		For Battered Walls (Variable Depth Surface Placement), Add	*10.53*	
		For Corbels, Add	*31.60*	
		For Colored Mortar, Add	*1.42*	
		For Basket Weave Or Soldier Bond Pattern, Add	*4.92*	
		For Herringbone Pattern, Add	*7.74*	
		For Severe Weather (SW) Brick, Add	*2.13*	
		For Close Tolerance (FBX), Add	*5.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*63.91*	
		For >300 To 1,200, Deduct	*-1.42*	
		For >1,200, Deduct	*-3.53*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*42.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0012	SF	Common Brick As 4" Wall Face Brick (6.4/SF)	19.68	
		For Full Header Every 6th Course, Add	*0.63*	
		For English, Full Header Every Second Course, Add	*1.25*	
		For Flemish, Alternate Header Every Course, Add	*2.55*	
		For Curved Wall Application, Add	*3.13*	
		For Interior Veneer Construction, Add	*2.35*	
		For Stacked Bond, Add	*1.77*	
		For Battered Walls (Variable Depth Surface Placement), Add	*3.91*	
		For Corbels, Add	*11.74*	
		For Colored Mortar, Add	*0.40*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.77*	
		For Herringbone Pattern, Add	*2.75*	
		For Severe Weather (SW) Brick, Add	*0.60*	
		For Close Tolerance (FBX), Add	*1.87*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.68*	
		For >300 To 1,200, Deduct	*-0.40*	
		For >1,200, Deduct	*-1.19*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*15.85*	

04 21 13 00-0013 Glazed Brick *(04 21 13 00-0001)*

04 21 13 00-0014	SF	Glazed Brick Veneer (7.4/SF)	36.05	
		For Full Header Every 6th Course, Add	*0.75*	
		For English, Full Header Every Second Course, Add	*1.50*	
		For Flemish, Alternate Header Every Course, Add	*3.67*	
		For Curved Wall Application, Add	*3.74*	
		For Interior Veneer Construction, Add	*2.81*	
		For Stacked Bond, Add	*2.74*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.68*	
		For Corbels, Add	*14.03*	
		For Colored Mortar, Add	*1.74*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.74*	
		For Herringbone Pattern, Add	*4.54*	
		For Severe Weather (SW) Brick, Add	*2.60*	
		For Close Tolerance (FBX), Add	*3.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.92*	
		For >300 To 1,200, Deduct	*-1.74*	
		For >1,200, Deduct	*-2.67*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*19.57*	

04 21 13 00-0015 Buff Or Gray Face Brick *(04 21 13 00-0001)*

04 21 13 00-0016	SF	Buff (Gray) Face Brick - Veneer (6.4/SF)	21.39	
		For Full Header Every 6th Course, Add	*0.66*	
		For English, Full Header Every Second Course, Add	*1.32*	
		For Flemish, Alternate Header Every Course, Add	*2.72*	
		For Curved Wall Application, Add	*3.31*	
		For Interior Veneer Construction, Add	*2.48*	
		For Stacked Bond, Add	*1.90*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.13*	
		For Corbels, Add	*12.40*	
		For Colored Mortar, Add	*0.49*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.90*	
		For Herringbone Pattern, Add	*2.97*	
		For Severe Weather (SW) Brick, Add	*0.73*	
		For Close Tolerance (FBX), Add	*2.02*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.04*	
		For >300 To 1,200, Deduct	*-0.49*	
		For >1,200, Deduct	*-1.31*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.77*	
04 21 13 00-0017	SF	Buff (Gray) Face Brick - Cavity Wall (6.4/SF)	21.39	
		For Full Header Every 6th Course, Add	*0.66*	
		For English, Full Header Every Second Course, Add	*1.32*	
		For Flemish, Alternate Header Every Course, Add	*2.72*	
		For Curved Wall Application, Add	*3.31*	
		For Interior Veneer Construction, Add	*2.48*	
		For Stacked Bond, Add	*1.90*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.13*	
		For Corbels, Add	*12.40*	
		For Colored Mortar, Add	*0.49*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.90*	
		For Herringbone Pattern, Add	*2.97*	
		For Severe Weather (SW) Brick, Add	*0.73*	
		For Close Tolerance (FBX), Add	*2.02*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.04*	
		For >300 To 1,200, Deduct	*-0.49*	
		For >1,200, Deduct	*-1.31*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.77*	

04 21 13 00-0018 Other Brick Shapes *(04 21 13)*

04 21 13 00-0019 SCR Face Brick *(04 21 13 00-0018)*
Note: 2-2/3" x 6" x 12".

04 21 13 00-0020 SCR Face Brick, Red Face Running Bond *(04 21 13 00-0019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0021	SF	SCR Face Brick - Veneer (4.03/SF With Running Bond)	23.41	
		For Full Header Every 6th Course, Add	*0.65*	
		For English, Full Header Every Second Course, Add	*1.29*	
		For Flemish, Alternate Header Every Course, Add	*2.79*	
		For Curved Wall Application, Add	*3.23*	
		For Interior Veneer Construction, Add	*2.42*	
		For Stacked Bond, Add	*1.98*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.04*	
		For Corbels, Add	*12.11*	
		For Colored Mortar, Add	*0.73*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.98*	
		For Herringbone Pattern, Add	*3.15*	
		For Severe Weather (SW) Brick, Add	*1.09*	
		For Close Tolerance (FBX), Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.59*	
		For >300 To 1,200, Deduct	*-0.73*	
		For >1,200, Deduct	*-1.53*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.51*	
04 21 13 00-0022	SF	SCR Face Brick - Cavity Wall (4.03/SF With Running Bond)	26.05	
		For Full Header Every 6th Course, Add	*0.75*	
		For English, Full Header Every Second Course, Add	*1.50*	
		For Flemish, Alternate Header Every Course, Add	*3.18*	
		For Curved Wall Application, Add	*3.76*	
		For Interior Veneer Construction, Add	*2.82*	
		For Stacked Bond, Add	*2.24*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.70*	
		For Corbels, Add	*14.09*	
		For Colored Mortar, Add	*0.73*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.24*	
		For Herringbone Pattern, Add	*3.54*	
		For Severe Weather (SW) Brick, Add	*1.09*	
		For Close Tolerance (FBX), Add	*2.42*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.55*	
		For >300 To 1,200, Deduct	*-0.73*	
		For >1,200, Deduct	*-1.67*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*19.15*	

04 21 13 00-0023 Fire Brick *(04 21 13 00-0018)*

Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".

04 21 13 00-0024 Fire Brick, Red Face Running Bond *(04 21 13 00-0023)*

04 21 13 00-0025	SF	Fire Brick - Veneer (With Running Bond)	23.61	
		For Full Header Every 6th Course, Add	*0.65*	
		For English, Full Header Every Second Course, Add	*1.29*	
		For Flemish, Alternate Header Every Course, Add	*2.80*	
		For Curved Wall Application, Add	*3.23*	
		For Interior Veneer Construction, Add	*2.42*	
		For Stacked Bond, Add	*1.99*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.04*	
		For Corbels, Add	*12.11*	
		For Colored Mortar, Add	*0.75*	
		For Basket Weave Or Soldier Bond Pattern, Add	*1.99*	
		For Herringbone Pattern, Add	*3.17*	
		For Severe Weather (SW) Brick, Add	*1.12*	
		For Close Tolerance (FBX), Add	*2.17*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.60*	
		For >300 To 1,200, Deduct	*-0.75*	
		For >1,200, Deduct	*-1.55*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*16.52*	
04 21 13 00-0026	SF	Fire Brick - Cavity Wall (With Running Bond)	26.25	
		For Full Header Every 6th Course, Add	*0.75*	
		For English, Full Header Every Second Course, Add	*1.50*	
		For Flemish, Alternate Header Every Course, Add	*3.19*	
		For Curved Wall Application, Add	*3.76*	
		For Interior Veneer Construction, Add	*2.82*	
		For Stacked Bond, Add	*2.25*	
		For Battered Walls (Variable Depth Surface Placement), Add	*4.70*	
		For Corbels, Add	*14.09*	
		For Colored Mortar, Add	*0.75*	
		For Basket Weave Or Soldier Bond Pattern, Add	*2.25*	
		For Herringbone Pattern, Add	*3.56*	
		For Severe Weather (SW) Brick, Add	*1.12*	
		For Close Tolerance (FBX), Add	*2.44*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.56*	
		For >300 To 1,200, Deduct	*-0.75*	
		For >1,200, Deduct	*-1.69*	
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	*19.16*	

04 21 13 00-0027 Window Sill *(04 21 13)*

04 21 13 00-0028	LF	Window Sill, Face Brick On Edge	22.93	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	19.24	
		For Smooth Face, One Side, Add	*1.19*	
		For Smooth Face, Two Sides, Add	*1.99*	
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.90	
		For Smooth Face, One Side, Add	*1.31*	
		For Smooth Face, Two Sides, Add	*2.21*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	23.41	
		For Smooth Face, One Side, Add	*1.52*	
		For Smooth Face, Two Sides, Add	*2.58*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	32.02	
		For Smooth Face, One Side, Add	*2.33*	
		For Smooth Face, Two Sides, Add	*4.03*	
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	41.97	
		For Smooth Face, One Side, Add	*3.25*	
		For Smooth Face, Two Sides, Add	*5.65*	

04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0009	SF	3" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	16.14	
		For Smooth Face, One Side, Add	*0.96*	
		For Smooth Face, Two Sides, Add	*1.59*	
04 21 19 00-0010	SF	4" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	19.26	
		For Smooth Face, One Side, Add	*1.24*	
		For Smooth Face, Two Sides, Add	*2.09*	
04 21 19 00-0011	SF	6" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	19.77	
		For Smooth Face, One Side, Add	*1.26*	
		For Smooth Face, Two Sides, Add	*2.12*	
04 21 19 00-0012	SF	8" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	30.01	
		For Smooth Face, One Side, Add	*2.23*	
		For Smooth Face, Two Sides, Add	*3.85*	
04 21 19 00-0013	SF	12" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile	40.78	
		For Smooth Face, One Side, Add	*3.21*	
		For Smooth Face, Two Sides, Add	*5.61*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	28.52	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	32.30	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	39.95	
		For Stacked Bond, Add	*1.85*	

04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	29.47	
		For Stacked Bond, Add	*2.09*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	35.77	
		For Stacked Bond, Add	*2.09*	

04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	22.81	
		For Stacked Bond, Add	*1.12*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	28.70	
		For Stacked Bond, Add	*1.20*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	40.24	
		For Stacked Bond, Add	*1.28*	

04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	31.34	
		For Stacked Bond, Add	*1.44*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	31.29	
		For Stacked Bond, Add	*1.44*	

04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	29.93	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	31.83	
		For Stacked Bond, Add	*1.77*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	40.19	
		For Stacked Bond, Add	*1.85*	

04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	30.62	
		For Stacked Bond, Add	*2.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	35.66	
		For Stacked Bond, Add	*2.09*	

04 21 29 Terra Cotta Masonry *(04 21)*

04 21 29 00-0001 Coping *(04 21 29)*

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.

04 21 29 00-0002	SF	Terra Cotta Coping	84.87	33.95

04 21 29 00-0003 Partition Or Back Up (Scored) *(04 21 29)*

04 21 29 00-0004 Non-load Bearing, 12" x 12" *(04 21 29 00-0003)*

04 21 29 00-0005	SF	3" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	15.25	
		For Smooth Tile Instead Of Scored, Add	*1.64*	
		For Reinforcing With Steel Rods, Add	*1.68*	
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	16.29	
		For Smooth Tile Instead Of Scored, Add	*1.72*	
		For Reinforcing With Steel Rods, Add	*1.77*	
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	20.53	
		For Smooth Tile Instead Of Scored, Add	*2.35*	
		For Reinforcing With Steel Rods, Add	*2.33*	
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	24.82	
		For Smooth Tile Instead Of Scored, Add	*2.95*	
		For Reinforcing With Steel Rods, Add	*2.88*	

04 21 29 00-0009 Load Bearing, 12" x 12" *(04 21 29 00-0003)*

04 21 29 00-0010 In Walls *(04 21 29 00-0009)*

04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	17.13	
		For Smooth Tile Instead Of Scored, Add	*1.87*	
		For Reinforcing With Steel Rods, Add	*1.90*	
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	22.44	
		For Smooth Tile Instead Of Scored, Add	*2.69*	
		For Reinforcing With Steel Rods, Add	*2.62*	
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	26.68	
		For Smooth Tile Instead Of Scored, Add	*3.29*	
		For Reinforcing With Steel Rods, Add	*3.16*	
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	28.31	
		For Smooth Tile Instead Of Scored, Add	*3.36*	
		For Reinforcing With Steel Rods, Add	*3.28*	
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	33.87	
		For Smooth Tile Instead Of Scored, Add	*4.08*	
		For Reinforcing With Steel Rods, Add	*3.96*	

04 21 29 00-0016 In Floors *(04 21 29 00-0009)*

04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	14.89	
		For Smooth Tile Instead Of Scored, Add	*1.87*	
		For Reinforcing With Steel Rods, Add	*1.78*	
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	19.94	
		For Smooth Tile Instead Of Scored, Add	*2.69*	
		For Reinforcing With Steel Rods, Add	*2.49*	
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	24.12	
		For Smooth Tile Instead Of Scored, Add	*3.29*	
		For Reinforcing With Steel Rods, Add	*3.03*	
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	25.42	
		For Smooth Tile Instead Of Scored, Add	*3.36*	
		For Reinforcing With Steel Rods, Add	*3.14*	
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	30.13	
		For Smooth Tile Instead Of Scored, Add	*4.08*	
		For Reinforcing With Steel Rods, Add	*3.77*	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Back-Up Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Back-Up Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003	SF	8" x 16" x 2", Solid, Back-Up Concrete Block	9.86	
		For Special Color, Add	*1.44*	
		For Stacked Bond, Add	*2.11*	
		For Scored Block, Add	*0.35*	
		For Curved Wall Application, Add	*1.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*12.31*	
		For >200 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0004	SF	8" x 16" x 4", Regular, Back-Up Concrete Block	10.04	
		For Special Color, Add	*1.25*	
		For Stacked Bond, Add	*2.22*	
		For Scored Block, Add	*0.30*	
		For Curved Wall Application, Add	*1.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*12.91*	
		For >200 To 1,000, Deduct	*-0.15*	
		For >1,000, Deduct	*-0.58*	
04 22 23 13-0005	SF	8" x 16" x 6", Regular, Back-Up Concrete Block	11.39	
		For Special Color, Add	*1.58*	
		For Stacked Bond, Add	*2.47*	
		For Scored Block, Add	*0.38*	
		For Curved Wall Application, Add	*1.90*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.38*	
		For >200 To 1,000, Deduct	*-0.19*	
		For >1,000, Deduct	*-0.66*	
04 22 23 13-0006	SF	8" x 16" x 8", Regular, Back-Up Concrete Block	12.26	
		For Special Color, Add	*1.83*	
		For Stacked Bond, Add	*2.62*	
		For Scored Block, Add	*0.44*	
		For Curved Wall Application, Add	*2.01*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.26*	
		For >200 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.72*	
04 22 23 13-0007	SF	8" x 16" x 10", Regular, Back-Up Concrete Block	13.32	
		For Special Color, Add	*2.45*	
		For Stacked Bond, Add	*2.70*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.07*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.78*	
		For >200 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.81*	
04 22 23 13-0008	SF	8" x 16" x 12", Regular, Back-Up Concrete Block	15.76	
		For Special Color, Add	*2.55*	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.27*	
		For >200 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.94*	

04 22 23 13-0009 Foundation Wall Concrete Blocks *(04 22 23 13)*

04 22 23 13-0010 Foundation Wall Concrete Blocks *(04 22 23 13-0009)*

04 22 23 13-0011	SF	8" x 16" x 6", Regular, Foundation Wall Concrete Block	10.32	
		For Special Color, Add	*1.58*	
		For Stacked Bond, Add	*2.19*	
		For Scored Block, Add	*0.38*	
		For Curved Wall Application, Add	*1.68*	
		For <10, Small Area Replacements (Individual Areas), Add	*12.77*	
		For >200 To 1,000, Deduct	*-0.19*	
		For >1,000, Deduct	*-0.61*	
04 22 23 13-0012	SF	8" x 16" x 8", Regular, Foundation Wall Concrete Block	11.19	
		For Special Color, Add	*1.83*	
		For Stacked Bond, Add	*2.34*	
		For Scored Block, Add	*0.44*	
		For Curved Wall Application, Add	*1.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.65*	
		For >200 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.67*	
04 22 23 13-0013	SF	8" x 16" x 10", Regular, Foundation Wall Concrete Block	12.86	
		For Special Color, Add	*2.45*	
		For Stacked Bond, Add	*2.58*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*1.98*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.09*	
		For >200 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.79*	
04 22 23 13-0014	SF	8" x 16" x 12", Regular, Foundation Wall Concrete Block	15.76	
		For Special Color, Add	*2.55*	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.27*	
		For >200 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.94*	
04 22 23 13-0015	SF	8" x 16" x 6", Solid, Foundation Wall Concrete Block	11.18	
		For Special Color, Add	*2.11*	
		For Stacked Bond, Add	*2.25*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*1.73*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.15*	
		For >200 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0016	SF	8" x 16" x 8", Solid, Foundation Wall Concrete Block	12.36	
		For Special Color, Add	*2.49*	
		For Stacked Bond, Add	*2.43*	
		For Scored Block, Add	*0.60*	
		For Curved Wall Application, Add	*1.87*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.27*	
		For >200 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.77*	
04 22 23 13-0017	SF	8" x 16" x 10", Solid, Foundation Wall Concrete Block	14.06	
		For Special Color, Add	*3.06*	
		For Stacked Bond, Add	*2.70*	
		For Scored Block, Add	*0.74*	
		For Curved Wall Application, Add	*2.07*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.83*	
		For >200 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.89*	
04 22 23 13-0018	SF	8" x 16" x 12", Solid, Foundation Wall Concrete Block	17.31	
		For Special Color, Add	*3.30*	
		For Stacked Bond, Add	*3.47*	
		For Scored Block, Add	*0.79*	
		For Curved Wall Application, Add	*2.67*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.31*	
		For >200 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-1.06*	

04 22 23 13-0019 Partition Concrete Blocks *(04 22 23 13)*

04 22 23 13-0020 Lightweight, Regular, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0021	SF	8" x 16" x 4", Lightweight, Regular, Partition Concrete Block	10.14	
		For Special Color, Add	*1.34*	
		For Stacked Bond, Add	*2.22*	
		For Scored Block, Add	*0.32*	
		For Curved Wall Application, Add	*1.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*12.92*	
		For >200 To 1,000, Deduct	*-0.16*	
		For >1,000, Deduct	*-0.59*	
04 22 23 13-0022	SF	8" x 16" x 6", Lightweight, Regular, Partition Concrete Block	11.29	
		For Special Color, Add	*1.70*	
		For Stacked Bond, Add	*2.40*	
		For Scored Block, Add	*0.41*	
		For Curved Wall Application, Add	*1.85*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.01*	
		For >200 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.67*	
04 22 23 13-0023	SF	8" x 16" x 8", Lightweight, Regular, Partition Concrete Block	12.22	
		For Special Color, Add	*1.92*	
		For Stacked Bond, Add	*2.58*	
		For Scored Block, Add	*0.46*	
		For Curved Wall Application, Add	*1.98*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.04*	
		For >200 To 1,000, Deduct	*-0.23*	
		For >1,000, Deduct	*-0.73*	
04 22 23 13-0024	SF	8" x 16" x 10", Lightweight, Regular, Partition Concrete Block	13.44	
		For Special Color, Add	*2.55*	
		For Stacked Bond, Add	*2.70*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*2.07*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.79*	
		For >200 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.83*	
04 22 23 13-0025	SF	8" x 16" x 12", Lightweight, Regular, Partition Concrete Block	15.99	
		For Special Color, Add	*2.74*	
		For Stacked Bond, Add	*3.30*	
		For Scored Block, Add	*0.66*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.28*	
		For >200 To 1,000, Deduct	*-0.33*	
		For >1,000, Deduct	*-0.96*	

04 22 23 13-0026 Lightweight, Solid, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0027	SF	8" x 16" x 4", Lightweight, Solid, Partition Concrete Block	10.90	
		For Special Color, Add	*1.78*	
		For Stacked Bond, Add	*2.28*	
		For Scored Block, Add	*0.43*	
		For Curved Wall Application, Add	*1.75*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.29*	
		For >200 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.65*	
04 22 23 13-0028	SF	8" x 16" x 6", Lightweight, Solid, Partition Concrete Block	11.96	
		For Special Color, Add	*1.93*	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*1.93*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.62*	
		For >200 To 1,000, Deduct	*-0.23*	
		For >1,000, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0029	SF	8" x 16" x 8", Lightweight, Solid, Partition Concrete Block	12.62	
		For Special Color, Add	*2.00*	
		For Stacked Bond, Add	*2.65*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.50*	
		For >200 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.75*	
04 22 23 13-0030	SF	8" x 16" x 10", Lightweight, Solid, Partition Concrete Block	14.03	
		For Special Color, Add	*2.76*	
		For Stacked Bond, Add	*2.78*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.30*	
		For >200 To 1,000, Deduct	*-0.33*	
		For >1,000, Deduct	*-0.87*	
04 22 23 13-0031	SF	8" x 16" x 12", Lightweight, Solid, Partition Concrete Block	16.68	
		For Special Color, Add	*2.95*	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.71*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.95*	
		For >200 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-1.01*	

04 22 23 13-0032 Normal Weight, Regular, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0033	SF	8" x 16" x 4", Normal Weight, Regular, Partition Concrete Block	10.36	
		For Special Color, Add	*1.34*	
		For Stacked Bond, Add	*2.28*	
		For Scored Block, Add	*0.32*	
		For 4" High (Half Height) Block, Add	*1.54*	
		For Curved Wall Application, Add	*1.75*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.25*	
		For >200 To 1,000, Deduct	*-0.16*	
		For >1,000, Deduct	*-0.60*	
04 22 23 13-0034	SF	8" x 16" x 6", Normal Weight, Regular, Partition Concrete Block	11.47	
		For Special Color, Add	*1.53*	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.37*	
		For 4" High (Half Height) Block, Add	*1.72*	
		For Curved Wall Application, Add	*1.93*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.58*	
		For >200 To 1,000, Deduct	*-0.18*	
		For >1,000, Deduct	*-0.67*	
04 22 23 13-0035	SF	8" x 16" x 8", Normal Weight, Regular, Partition Concrete Block	12.34	
		For Special Color, Add	*1.77*	
		For Stacked Bond, Add	*2.65*	
		For Scored Block, Add	*0.43*	
		For 4" High (Half Height) Block, Add	*1.89*	
		For Curved Wall Application, Add	*2.04*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.47*	
		For >200 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.72*	
04 22 23 13-0036	SF	8" x 16" x 10", Normal Weight, Regular, Partition Concrete Block	14.80	
		For Special Color, Add	*3.40*	
		For Stacked Bond, Add	*2.78*	
		For Scored Block, Add	*0.82*	
		For 4" High (Half Height) Block, Add	*2.75*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.36*	
		For >200 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.95*	
04 22 23 13-0037	SF	8" x 16" x 12", Normal Weight, Regular, Partition Concrete Block	17.35	
		For Special Color, Add	*3.51*	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.85*	
		For 4" High (Half Height) Block, Add	*3.05*	
		For Curved Wall Application, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.00*	
		For >200 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-1.08*	

04 22 23 13-0038 Normal Weight, Solid, Partition Concrete Blocks *(04 22 23 13-0019)*

04 22 23 13-0039	SF	8" x 16" x 4", Normal Weight, Solid, Partition Concrete Block	11.04	
		For Special Color, Add	*1.70*	
		For Stacked Bond, Add	*2.34*	
		For Scored Block, Add	*0.41*	
		For 4" High (Half Height) Block, Add	*1.74*	
		For Curved Wall Application, Add	*1.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.64*	
		For >200 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0040	SF	8" x 16" x 6", Normal Weight, Solid, Partition Concrete Block	11.81	
		For Special Color, Add	*1.58*	
		For Stacked Bond, Add	*2.58*	
		For Scored Block, Add	*0.38*	
		For 4" High (Half Height) Block, Add	*1.77*	
		For Curved Wall Application, Add	*1.98*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.01*	
		For >200 To 1,000, Deduct	*-0.19*	
		For >1,000, Deduct	*-0.69*	
04 22 23 13-0041	SF	8" x 16" x 8", Normal Weight, Solid, Partition Concrete Block	12.73	
		For Special Color, Add	*1.83*	
		For Stacked Bond, Add	*2.74*	
		For Scored Block, Add	*0.44*	
		For 4" High (Half Height) Block, Add	*1.96*	
		For Curved Wall Application, Add	*2.11*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.96*	
		For >200 To 1,000, Deduct	*-0.22*	
		For >1,000, Deduct	*-0.75*	
04 22 23 13-0042	SF	8" x 16" x 10", Normal Weight, Solid, Partition Concrete Block	13.99	
		For Special Color, Add	*2.45*	
		For Stacked Bond, Add	*2.87*	
		For Scored Block, Add	*0.59*	
		For 4" High (Half Height) Block, Add	*2.31*	
		For Curved Wall Application, Add	*2.21*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.78*	
		For >200 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.85*	
04 22 23 13-0043	SF	8" x 16" x 12", Normal Weight, Solid, Partition Concrete Block	16.64	
		For Special Color, Add	*2.55*	
		For Stacked Bond, Add	*3.53*	
		For Scored Block, Add	*0.61*	
		For 4" High (Half Height) Block, Add	*2.62*	
		For Curved Wall Application, Add	*2.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.59*	
		For >200 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.99*	

04 22 23 13-0044 High Strength Concrete Blocks *(04 22 23 13)*

04 22 23 13-0045 3,500 PSI, High Strength Concrete Blocks *(04 22 23 13-0044)*

04 22 23 13-0046	SF	8" x 16" x 2", 3,500 PSI, High Strength Concrete Block	9.96	
		For Special Color, Add	*1.36*	
		For Stacked Bond, Add	*2.16*	
		For Scored Block, Add	*0.33*	
		For Curved Wall Application, Add	*1.66*	
04 22 23 13-0047	SF	8" x 16" x 4", 3,500 PSI, High Strength Concrete Block	10.28	
		For Special Color, Add	*1.27*	
		For Stacked Bond, Add	*2.28*	
		For Scored Block, Add	*0.31*	
		For Curved Wall Application, Add	*1.75*	
04 22 23 13-0048	SF	8" x 16" x 6", 3,500 PSI, High Strength Concrete Block	11.61	
		For Special Color, Add	*1.64*	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.40*	
		For Curved Wall Application, Add	*1.93*	
04 22 23 13-0049	SF	8" x 16" x 8", 3,500 PSI, High Strength Concrete Block	12.56	
		For Special Color, Add	*1.95*	
		For Stacked Bond, Add	*2.65*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.04*	
04 22 23 13-0050	SF	8" x 16" x 10", 3,500 PSI, High Strength Concrete Block	14.13	
		For Special Color, Add	*2.71*	
		For Stacked Bond, Add	*2.83*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*2.17*	
04 22 23 13-0051	SF	8" x 16" x 12", 3,500 PSI, High Strength Concrete Block	16.55	
		For Special Color, Add	*2.85*	
		For Stacked Bond, Add	*3.41*	
		For Scored Block, Add	*0.69*	
		For Curved Wall Application, Add	*2.62*	

04 22 23 13-0052 Solar Screen Concrete Blocks *(04 22 23 13)*

04 22 23 13-0053 Solar Screen Concrete Blocks *(04 22 23 13-0052)*

04 22 23 13-0054	SF	6" x 6" x 4" Solar Screen Concrete Block	14.04	
		For Special Color, Add	*3.19*	
		For Stacked Bond, Add	*2.65*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.04*	
04 22 23 13-0055	SF	8" x 8" x 4" Solar Screen Concrete Block	15.10	
		For Special Color, Add	*3.24*	
		For Stacked Bond, Add	*2.91*	
		For Scored Block, Add	*0.78*	
		For Curved Wall Application, Add	*2.24*	
04 22 23 13-0056	SF	12" x 12" x 4" Solar Screen Concrete Block	17.41	
		For Special Color, Add	*4.06*	
		For Stacked Bond, Add	*3.26*	
		For Scored Block, Add	*0.98*	
		For Curved Wall Application, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0057	SF	8" x 16" x 8" Solar Screen Concrete Block	24.51	
		For Special Color, Add	*5.00*	
		For Stacked Bond, Add	*4.81*	
		For Scored Block, Add	*1.20*	
		For Curved Wall Application, Add	*3.70*	

04 22 23 13-0058 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0059 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0058)*

Note: Excludes concrete fill and reinforcing. See CSI section 04 05 16 26-0000 for concrete fill.

04 22 23 13-0060	LF	8" x 16" x 6" Regular Weight, Bond Beam Or Lintel Concrete Block	11.79	
		For Special Color, Add	*1.79*	
		For Stacked Bond, Add	*2.50*	
		For Grout And Fill With 2 #5 Rebar, Add	*6.98*	
		For Scored Block, Add	*0.43*	
		For Curved Wall Application, Add	*1.93*	
04 22 23 13-0061	LF	8" x 16" x 8" Regular Weight, Bond Beam Or Lintel Concrete Block	12.90	
		For Special Color, Add	*2.23*	
		For Stacked Bond, Add	*2.65*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.80*	
		For Scored Block, Add	*0.54*	
		For Curved Wall Application, Add	*2.04*	
04 22 23 13-0062	LF	8" x 16" x 12" Regular Weight, Bond Beam Or Lintel Concrete Block	16.01	
		For Special Color, Add	*2.40*	
		For Stacked Bond, Add	*3.41*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.45*	
		For Scored Block, Add	*0.58*	
		For Curved Wall Application, Add	*2.62*	
04 22 23 13-0063	LF	8" x 16" x 6" Lightweight, Bond Beam Or Lintel Concrete Block	11.77	
		For Special Color, Add	*2.10*	
		For Stacked Bond, Add	*2.40*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.15*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*1.85*	
04 22 23 13-0064	LF	8" x 16" x 8" Lightweight, Bond Beam Or Lintel Concrete Block	12.96	
		For Special Color, Add	*2.53*	
		For Stacked Bond, Add	*2.58*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.01*	
		For Scored Block, Add	*0.61*	
		For Curved Wall Application, Add	*1.98*	
04 22 23 13-0065	LF	8" x 16" x 12" Lightweight, Bond Beam Or Lintel Concrete Block	15.94	
		For Special Color, Add	*2.70*	
		For Stacked Bond, Add	*3.30*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.60*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*2.54*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	8" x 16" x 4" Ground Face Concrete Block	13.29	
		For Special Color, Add	*2.15*	
		For Stacked Bond, Add	*2.78*	
		For Scored Block, Add	*0.52*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.24*	
		For >200 To 1,000, Deduct	*-0.26*	
		For >1,000, Deduct	*-0.79*	
04 22 23 23-0003	SF	8" x 16" x 6" Ground Face Concrete Block	14.99	
		For Special Color, Add	*2.45*	
		For Stacked Bond, Add	*3.13*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.28*	
		For >200 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.90*	
04 22 23 23-0004	SF	8" x 16" x 8" Ground Face Concrete Block	16.20	
		For Special Color, Add	*2.89*	
		For Stacked Bond, Add	*3.31*	
		For Scored Block, Add	*0.70*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.34*	
		For >200 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.98*	
04 22 23 23-0005	SF	8" x 16" x 10" Ground Face Concrete Block	17.32	
		For Special Color, Add	*3.19*	
		For Stacked Bond, Add	*3.50*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.51*	
		For >200 To 1,000, Deduct	*-0.38*	
		For >1,000, Deduct	*-1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 23-0006	SF	8" x 16" x 12" Ground Face Concrete Block	20.59	
		For Special Color, Add	*3.49*	
		For Stacked Bond, Add	*4.26*	
		For Scored Block, Add	*0.84*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.90*	
		For >200 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-1.24*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Acoustical Slotted Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	17.85	
		For Special Color, Add	*0.64*	
		For Stacked Bond, Add	*1.07*	
04 22 23 26-0003	SF	6" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	20.00	
		For Special Color, Add	*0.75*	
		For Stacked Bond, Add	*1.16*	
04 22 23 26-0004	SF	8" Thick, .50 - .60 NRC, Slotted, Acoustical Concrete Block	23.04	
		For Special Color, Add	*0.93*	
		For Stacked Bond, Add	*1.27*	
04 22 23 26-0005	SF	4" Thick, .65 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	24.34	
		For Special Color, Add	*1.23*	
		For Stacked Bond, Add	*1.07*	
04 22 23 26-0006	SF	8" Thick, .50 - .60 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	24.28	
		For Special Color, Add	*1.04*	
		For Stacked Bond, Add	*1.27*	
04 22 23 26-0007	SF	8" Thick, .60 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	25.91	
		For Special Color, Add	*1.19*	
		For Stacked Bond, Add	*1.27*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

04 22 23 29-0001 Modified Face Concrete Blocks *(04 22 23 29)*

04 22 23 29-0002 Plain Or Scored Split Faced Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0003	SF	8" x 16" x 4" Plain Or Scored Split Face Concrete Block	13.59	
		For Special Color, Add	*2.40*	
		For Stacked Bond, Add	*2.78*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.27*	
		For >200 To 1,000, Deduct	*-0.29*	
		For >1,000, Deduct	*-0.82*	
04 22 23 29-0004	SF	8" x 16" x 6" Plain Or Scored Split Face Concrete Block	15.35	
		For Special Color, Add	*2.75*	
		For Stacked Bond, Add	*3.13*	
		For Curved Wall Application, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.31*	
		For >200 To 1,000, Deduct	*-0.33*	
		For >1,000, Deduct	*-0.93*	
04 22 23 29-0005	SF	8" x 16" x 8" Plain Or Scored Split Face Concrete Block	16.61	
		For Special Color, Add	*3.23*	
		For Stacked Bond, Add	*3.31*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.37*	
		For >200 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-1.03*	
04 22 23 29-0006	SF	8" x 16" x 10" Plain Or Scored Split Face Concrete Block	17.81	
		For Special Color, Add	*3.59*	
		For Stacked Bond, Add	*3.50*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.54*	
		For >200 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-1.11*	
04 22 23 29-0007	SF	8" x 16" x 12" Plain Or Scored Split Face Concrete Block	20.57	
		For Special Color, Add	*3.47*	
		For Stacked Bond, Add	*4.26*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.90*	
		For >200 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-1.24*	

04 22 23 29-0008 Plain Or Scored Split Faced Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	8" x 16" x 4" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	14.32	
		For Special Color, Add	*3.00*	
		For Stacked Bond, Add	*2.78*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.97*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.32*	
		For >200 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0010	SF	8" x 16" x 6" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	16.17	
		For Special Color, Add	*3.43*	
		For Stacked Bond, Add	*3.13*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.15*	
		For Curved Wall Application, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.37*	
		For >200 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-1.02*	
04 22 23 29-0011	SF	8" x 16" x 8" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	17.59	
		For Special Color, Add	*4.04*	
		For Stacked Bond, Add	*3.31*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.23*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.45*	
		For >200 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-1.12*	
04 22 23 29-0012	SF	8" x 16" x 10" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	18.89	
		For Special Color, Add	*4.49*	
		For Stacked Bond, Add	*3.50*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.15*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.63*	
		For >200 To 1,000, Deduct	*-0.54*	
		For >1,000, Deduct	*-1.22*	
04 22 23 29-0013	SF	8" x 16" x 12" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	21.61	
		For Special Color, Add	*4.33*	
		For Stacked Bond, Add	*4.26*	
		For Grout And Fill With 2 #5 Rebar, Add	*13.42*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.98*	
		For >200 To 1,000, Deduct	*-0.52*	
		For >1,000, Deduct	*-1.34*	

04 22 23 29-0014 Profile Units, Split Rib Concrete Block *(04 22 23 29)*

04 22 23 29-0015 1" Deep Ribs, Profile Units, Split Rib Concrete Block *(04 22 23 29-0014)*

04 22 23 29-0016	SF	8" x 16" x 4", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	13.36	
		For Special Color, Add	*2.21*	
		For Stacked Bond, Add	*2.78*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.14*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.25*	
		For >200 To 1,000, Deduct	*-0.27*	
		For >1,000, Deduct	*-0.80*	
04 22 23 29-0017	SF	8" x 16" x 6", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	15.88	
		For Special Color, Add	*3.19*	
		For Stacked Bond, Add	*3.13*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*2.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.35*	
		For >200 To 1,000, Deduct	*-0.38*	
		For >1,000, Deduct	*-0.99*	
04 22 23 29-0018	SF	8" x 16" x 8", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	16.90	
		For Special Color, Add	*3.47*	
		For Stacked Bond, Add	*3.31*	
		For Scored Block, Add	*0.84*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.39*	
		For >200 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-1.05*	
04 22 23 29-0019	SF	8" x 16" x 10", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	18.04	
		For Special Color, Add	*3.78*	
		For Stacked Bond, Add	*3.50*	
		For Scored Block, Add	*0.91*	
		For Curved Wall Application, Add	*2.70*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.56*	
		For >200 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-1.13*	
04 22 23 29-0020	SF	8" x 16" x 12", 1" Deep Ribs, Profile Units, Split Rib Concrete Block	21.39	
		For Special Color, Add	*4.15*	
		For Stacked Bond, Add	*4.26*	
		For Scored Block, Add	*1.00*	
		For Curved Wall Application, Add	*3.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.96*	
		For >200 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-1.32*	

04 22 23 31 Glazed Concrete Masonry Unit *(04 22 23)*

Note: Includes concrete block and mortar.

04 22 23 31-0001 One Glazed Face Concrete Blocks *(04 22 23 31)*

04 22 23 31-0002 One Glazed Face Concrete Blocks *(04 22 23 31-0001)*

04 22 23 31-0003	SF	4" Thick, One Glazed Face Concrete Block	23.18	
		For Special Shapes, Add	*12.81*	
04 22 23 31-0004	SF	6" Thick, One Glazed Face Concrete Block	24.83	
		For Special Shapes, Add	*13.41*	
04 22 23 31-0005	SF	8" Thick, One Glazed Face Concrete Block	26.30	
		For Special Shapes, Add	*14.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0006	SF	10" Thick, One Glazed Face Concrete Block	27.85	
		For Special Shapes, Add	*15.13*	
04 22 23 31-0007	SF	12" Thick, One Glazed Face Concrete Block	31.30	
		For Special Shapes, Add	*15.87*	

04 22 23 31-0008 Two Glazed Faces Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" Thick, Two Glazed Faces Concrete Block	30.85	
		For Special Shapes, Add	*19.02*	
04 22 23 31-0011	SF	6" Thick, Two Glazed Faces Concrete Block	32.37	
		For Special Shapes, Add	*19.65*	
04 22 23 31-0012	SF	8" Thick, Two Glazed Faces Concrete Block	34.55	
		For Special Shapes, Add	*20.50*	

04 22 23 31-0013 Glazed Cove Base Concrete Blocks *(04 22 23 31)*

04 22 23 31-0014	LF	2" Thick, Glazed Cove Base Concrete Block	24.95	
		For Special Shapes, Add	*11.47*	
04 22 23 31-0015	LF	4" Thick, Glazed Cove Base Concrete Block	26.36	
		For Special Shapes, Add	*11.71*	
04 22 23 31-0016	LF	6" Thick, Glazed Cove Base Concrete Block	28.24	
		For Special Shapes, Add	*12.20*	
04 22 23 31-0017	LF	8" Thick, Glazed Cove Base Concrete Block	30.09	
		For Special Shapes, Add	*12.81*	

04 22 23 31-0018 Glazed Corner, Bullnose Or Square Concrete Blocks *(04 22 23 31)*

04 22 23 31-0019	EA	2" Thick, Glazed Corner, Bullnose Or Square Concrete Block	32.67	
		For Special Shapes, Add	*21.97*	
04 22 23 31-0020	EA	4" Thick, Glazed Corner, Bullnose Or Square Concrete Block	38.10	
		For Special Shapes, Add	*26.27*	
04 22 23 31-0021	EA	6" Thick, Glazed Corner, Bullnose Or Square Concrete Block	40.68	
		For Special Shapes, Add	*27.72*	
04 22 23 31-0022	EA	8" Thick, Glazed Corner, Bullnose Or Square Concrete Block	42.68	
		For Special Shapes, Add	*29.20*	
04 22 23 31-0023	EA	10" Thick, Glazed Corner, Bullnose Or Square Concrete Block	65.33	
		For Special Shapes, Add	*51.28*	
04 22 23 31-0024	EA	12" Thick, Glazed Corner, Bullnose Or Square Concrete Block	74.44	
		For Special Shapes, Add	*57.33*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	43.53	
		For Solar Reflective (Suntrol) Blocks, Add	*5.69*	
		For Essex (Horizontal Striated) Blocks, Add	*3.25*	
		For Sculptured Or Patterned Blocks, Add	*5.69*	
		For Colored Glass, Add	*16.25*	
		For Thinline Block, Deduct	*-4.06*	
		For >1,000 To 5,000, Deduct	*-3.53*	
		For >5,000, Deduct	*-5.70*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	31.57	
		For Solar Reflective (Suntrol) Blocks, Add	*4.03*	
		For Essex (Horizontal Striated) Blocks, Add	*2.30*	
		For Sculptured Or Patterned Blocks, Add	*4.03*	
		For Colored Glass, Add	*11.51*	
		For Thinline Block, Deduct	*-2.88*	
		For >1,000 To 5,000, Deduct	*-2.57*	
		For >5,000, Deduct	*-4.15*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	33.15	
		For Solar Reflective (Suntrol) Blocks, Add	*5.15*	
		For Essex (Horizontal Striated) Blocks, Add	*2.94*	
		For Sculptured Or Patterned Blocks, Add	*5.15*	
		For Colored Glass, Add	*14.70*	
		For Thinline Block, Deduct	*-3.68*	
		For >1,000 To 5,000, Deduct	*-2.57*	
		For >5,000, Deduct	*-4.23*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	300.59	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	231.25	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	162.74	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	114.58	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	26.04	6.58
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	26.60	6.58

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels For Curtain Walls *(04 42)*

04 42 43 00-0001 Marble Facing Panels *(04 42 43)*
Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	58.83	13.76
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	62.19	13.94
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	72.00	14.21
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	79.22	14.64
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	84.42	15.53
04 42 43 00-0007	CF	Marble Face Panel	357.29	50.60

04 42 43 00-0008 Smooth Limestone Panels *(04 42 43)*
Note: Up to 12' x 5' panels.

04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	50.15	27.61
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	53.26	28.94
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	56.58	30.27
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	66.02	33.29

04 42 43 00-0013 Sandstone Panels *(04 42 43)*

04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	58.21	28.94
04 42 43 00-0015	SF	4" Thick Sandstone Panels	63.52	33.29
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	57.65	33.29

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001 Marble *(04 43 16)*

04 43 16 00-0002 Marble Base *(04 43 16 00-0001)*
Note: 1" thick.

04 43 16 00-0003	LF	4" High Marble Base	91.59	58.26
04 43 16 00-0004	LF	6" High Marble Base	103.84	63.48

04 43 16 00-0005 Marble Columns *(04 43 16 00-0001)*

04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	244.95	50.60
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	410.03	50.60

04 43 16 00-0008 Marble Flooring *(04 43 16 00-0001)*

04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	25.61	13.34
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	27.44	13.34
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	32.88	15.24

04 43 16 00-0012 Marble Items *(04 43 16 00-0001)*

04 43 16 00-0013	LF	12" Wide Marble Stair Treads	67.58	21.02
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	51.49	16.85
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	30.91	12.48
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	59.83	15.32
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks	34.24	19.34

04 43 16 00-0018 Limestone *(04 43 16)*

04 43 16 00-0019 Ashlar Veneer Limestone *(04 43 16 00-0018)*

04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	54.38	21.02
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	83.17	28.88

04 43 16 00-0022 Limestone Items *(04 43 16 00-0018)*

04 43 16 00-0023	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	164.75	71.06

04 43 16 00-0024 Limestone Coping *(04 43 16 00-0018)*
Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.

04 43 16 00-0025	SF	2-1/2" Thick Limestone Coping	25.52	7.10
04 43 16 00-0026	SF	3" Thick Limestone Coping	28.67	7.55
04 43 16 00-0027	SF	3-1/2" Thick Limestone Coping	31.81	7.99
04 43 16 00-0028	SF	4" Thick Limestone Coping	34.07	8.25
04 43 16 00-0029	SF	5" Thick Limestone Coping	39.49	8.44
04 43 16 00-0030	SF	6" Thick Limestone Coping	58.22	8.88
04 43 16 00-0031	CF	>6" Thick Limestone Coping	97.10	18.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0032		Limestone Stair Treads *(04 43 16 00-0018)*		
04 43 16 00-0033	SF	2" Thick Limestone Treads	30.08	6.66
04 43 16 00-0034	SF	2-1/2" Thick Limestone Treads	32.05	7.10
04 43 16 00-0035	SF	3" Thick Limestone Treads	35.98	7.55
04 43 16 00-0036	SF	3-1/2" Thick Limestone Treads	39.02	7.99
04 43 16 00-0037	SF	4" Thick Limestone Treads	42.06	7.99
04 43 16 00-0038	SF	5" Thick Limestone Treads	46.35	8.44
04 43 16 00-0039	SF	6" Thick Limestone Tread, Smooth Finish	65.07	8.88
04 43 16 00-0040		Granite *(04 43 16)*		
04 43 16 00-0041		Polished Granite Veneer Facing Panels *(04 43 16 00-0040)* Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	75.16	27.78
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	69.12	27.78
04 43 16 00-0044		Granite Stair Treads *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	43.70	6.66
04 43 16 00-0046		Slate *(04 43 16)*		
04 43 16 00-0047		Slate Panels Or Sills *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	51.92	27.78
04 43 16 00-0049	SF	2" Thick Slate Panels	61.56	27.78
04 43 16 00-0050		Slate Sills Or Stools *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	24.63	12.56
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	30.76	12.56
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	29.89	12.56
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	43.05	12.56
04 43 16 00-0055		Slate Stair Treads *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	36.05	6.66

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001		Precast Concrete Lintels *(04 72)*		
04 72 00 00-0002		Solid Precast Concrete Lintels *(04 72 00 00-0001)*		
04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	12.17	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	14.89	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	17.99	
04 72 00 00-0006		U Shaped Precast Concrete Lintels *(04 72 00 00-0001)* Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	13.01	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	15.44	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	23.64	
04 72 00 00-0010		Precast Concrete Coping *(04 72)* Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 21 29 00-0001 for terra cotta coping, 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.		
04 72 00 00-0011		Precast Concrete Coping *(04 72 00 00-0010)* Note: Measured at highest point.		
04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	42.76	10.26
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	47.91	11.05
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	55.17	11.84
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	59.16	12.63
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	63.20	13.42
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	74.84	14.21
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	85.07	15.00
04 72 00 00-0019		Precast Concrete Window Sills *(04 72)* Note: Includes caulk and ties.		
04 72 00 00-0020		Precast Concrete Window Sills *(04 72 00 00-0019)*		
04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	31.16	7.90
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	46.05	7.90
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	54.08	7.90
04 72 00 00-0024		Cast Stone Veneer *(04 72)*		
04 72 00 00-0025	SF	1" Thick Cast Stone Veneer	50.31	17.90

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END OF SECTION 04

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

05 Metals

05 05 Common Work Results For Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*
Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*
Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	9.52	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.84*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	9.59	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.84*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	9.87	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.89*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.65	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.71	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.73	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.94	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.25*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.83	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.19*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.87	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.19*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.95	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.20*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.19	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.21*	
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.50	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-3.22*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.68	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.98*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.75	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.99*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.89	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-3.99*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.17	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.01*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.46	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.69	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.61	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.23*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.09	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.75*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.15	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.49	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.77*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.91	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.79*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	27.38	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.41*	
		For >100, Deduct	*-4.82*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.17	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.91*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.55	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.03*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.24	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.58*	
		For >100, Deduct	*-5.16*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.82	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.43*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.23	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-5.50*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.11	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.80*	
		For >100, Deduct	*-5.60*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.15	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.48*	
		For >100, Deduct	*-6.95*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.82	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.54*	
		For >100, Deduct	*-7.08*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	47.46	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.61*	
		For >100, Deduct	*-7.22*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	54.77	
		For >10 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-4.47*	
		For >100, Deduct	*-8.94*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	56.67	
		For >10 To 50, Deduct	*-2.07*	
		For >50 To 100, Deduct	*-4.52*	
		For >100, Deduct	*-9.03*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	10.14	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.87*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	10.39	
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	10.79	
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.93*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	12.83	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.05	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.20	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.31*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.38	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.47	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.88	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	20.12	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.19	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.41*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	22.80	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.49*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	27.06	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	28.11	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.25	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.36*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	30.76	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.44*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.38	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.77*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.27	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	34.41	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.58*	
		For >100, Deduct	*-5.17*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	36.23	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.26*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	36.45	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.27*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	38.16	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	42.60	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.79*	
		For >100, Deduct	*-5.58*	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	48.86	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.95*	
		For >100, Deduct	*-5.89*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	49.66	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.11*	
		For >100, Deduct	*-6.23*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	71.04	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-4.20*	
		For >100, Deduct	*-8.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0067	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	80.30	
			For >10 To 50, Deduct	*-1.61*	
			For >50 To 100, Deduct	*-4.43*	
			For >100, Deduct	*-8.86*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA		1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	10.36	
			For >10 To 50, Deduct	*-0.45*	
			For >50 To 100, Deduct	*-0.94*	
			For >100, Deduct	*-1.88*	
05 05 19 00-0070	EA		1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	10.89	
			For >10 To 50, Deduct	*-0.47*	
			For >50 To 100, Deduct	*-0.97*	
			For >100, Deduct	*-1.94*	
05 05 19 00-0071	EA		3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.53	
			For >10 To 50, Deduct	*-0.55*	
			For >50 To 100, Deduct	*-1.16*	
			For >100, Deduct	*-2.33*	
05 05 19 00-0072	EA		3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	13.91	
			For >10 To 50, Deduct	*-0.55*	
			For >50 To 100, Deduct	*-1.17*	
			For >100, Deduct	*-2.35*	
05 05 19 00-0073	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.00	
			For >10 To 50, Deduct	*-0.55*	
			For >50 To 100, Deduct	*-1.18*	
			For >100, Deduct	*-2.35*	
05 05 19 00-0074	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.78	
			For >10 To 50, Deduct	*-0.55*	
			For >50 To 100, Deduct	*-1.22*	
			For >100, Deduct	*-2.44*	
05 05 19 00-0075	EA		1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	21.17	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.70*	
			For >100, Deduct	*-3.41*	
05 05 19 00-0076	EA		1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	22.20	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.73*	
			For >100, Deduct	*-3.46*	
05 05 19 00-0077	EA		1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.08	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.78*	
			For >100, Deduct	*-3.55*	
05 05 19 00-0078	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.55	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.79*	
			For >100, Deduct	*-3.58*	
05 05 19 00-0079	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	32.80	
			For >10 To 50, Deduct	*-0.97*	
			For >50 To 100, Deduct	*-2.27*	
			For >100, Deduct	*-4.54*	
05 05 19 00-0080	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	33.36	
			For >10 To 50, Deduct	*-0.97*	
			For >50 To 100, Deduct	*-2.28*	
			For >100, Deduct	*-4.57*	
05 05 19 00-0081	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	40.30	
			For >10 To 50, Deduct	*-1.15*	
			For >50 To 100, Deduct	*-2.73*	
			For >100, Deduct	*-5.46*	
05 05 19 00-0082	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	42.64	
			For >10 To 50, Deduct	*-1.15*	
			For >50 To 100, Deduct	*-2.79*	
			For >100, Deduct	*-5.58*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA		1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	18.50	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.64*	
			For >100, Deduct	*-3.27*	
05 05 19 00-0085	EA		1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	19.25	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.66*	
			For >100, Deduct	*-3.31*	
05 05 19 00-0086	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	20.00	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.67*	
			For >100, Deduct	*-3.35*	
05 05 19 00-0087	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	20.38	
			For >10 To 50, Deduct	*-0.78*	
			For >50 To 100, Deduct	*-1.68*	
			For >100, Deduct	*-3.37*	
05 05 19 00-0088	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	24.72	
			For >10 To 50, Deduct	*-0.97*	
			For >50 To 100, Deduct	*-2.07*	
			For >100, Deduct	*-4.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	23.82	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.09*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	31.38	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.02*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	32.21	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	36.26	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.26*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	40.92	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.44*	
		For >100, Deduct	*-6.89*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	43.25	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.01*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	45.57	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.56*	
		For >100, Deduct	*-7.12*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.58	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.87*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.68	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.87*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.81	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.09	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.96*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.18	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.97*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.44	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.61	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.77	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	16.44	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.17*	
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	16.65	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	16.84	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.19*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.06	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.20*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.55	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.93*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.88	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.13	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.95*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.83	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.99*	
		For >100, Deduct	*-3.99*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	25.05	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.35*	
		For >100, Deduct	*-4.70*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	25.65	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.37*	
		For >100, Deduct	*-4.73*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.20	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.08	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	10.59	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	13.51	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.33*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	14.51	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.90	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	21.70	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.43*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.07	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.35*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.08	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.89*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	10.25	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.70	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.41	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.03*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	12.21	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.26*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	12.74	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.29*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	13.15	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.31*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	17.76	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	18.07	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.25*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	19.01	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	20.22	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	23.36	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.07*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	24.47	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.12*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	25.45	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.17*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	29.70	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.93*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	30.74	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.49*	
		For >100, Deduct	*-4.99*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	13.31	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	16.28	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.17*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	19.75	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	22.29	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	26.51	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	15.39	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	20.22	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.37*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	24.92	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.02*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	30.62	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	40.82	
		For >10 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.76*	
		For >100, Deduct	*-5.51*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	9.73	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.87*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.37	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	11.74	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	17.06	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.20*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	23.22	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.03*	
		For >100, Deduct	*-4.06*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	27.95	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.42*	
		For >100, Deduct	*-4.85*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	9.75	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	11.61	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.01	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.25*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	16.97	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.19*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	22.55	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.03*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	25.54	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.73*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	12.15	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.13*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	13.98	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	17.37	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	20.25	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.36*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	21.30	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.41*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	26.35	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	33.88	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.14*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	39.77	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.86*	
		For >100, Deduct	*-5.72*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	54.06	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.77*	
		For >100, Deduct	*-7.55*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	76.68	
		For >10 To 50, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-4.97*	
		For >100, Deduct	*-9.94*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	10.42	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	11.41	
		For >10 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	14.29	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	16.21	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.16*	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	20.72	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.93*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	25.43	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	28.15	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.14*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	37.18	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-3.35*	
		For >100, Deduct	*-6.70*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	42.51	
		For >10 To 50, Deduct	*-1.83*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.60*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	48.53	
		For >10 To 50, Deduct	*-2.04*	
		For >50 To 100, Deduct	*-4.27*	
		For >100, Deduct	*-8.53*	
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	52.33	
		For >10 To 50, Deduct	*-2.13*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-9.00*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	57.44	
		For >10 To 50, Deduct	*-2.22*	
		For >50 To 100, Deduct	*-4.77*	
		For >100, Deduct	*-9.53*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	67.67	
		For >10 To 50, Deduct	*-2.41*	
		For >50 To 100, Deduct	*-5.30*	
		For >100, Deduct	*-10.60*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	89.05	
		For >10 To 50, Deduct	*-2.50*	
		For >50 To 100, Deduct	*-5.97*	
		For >100, Deduct	*-11.95*	

05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	3.61	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.36*	
		For >100, Deduct	*-0.71*	

05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	9.45	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	9.50	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0202	EA		3/16" x 3-1/4" Tapcon Masonry Screw	9.61	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.93*	
			For >100, Deduct	*-1.87*	
05 05 19 00-0203	EA		1/4" x 1-1/4" Tapcon Masonry Screw	9.51	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.93*	
			For >100, Deduct	*-1.86*	
05 05 19 00-0204	EA		1/4" x 2-1/4" Tapcon Masonry Screw	9.57	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.93*	
			For >100, Deduct	*-1.87*	
05 05 19 00-0205	EA		1/4" x 3-1/4" Tapcon Masonry Screw	9.70	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.94*	
			For >100, Deduct	*-1.87*	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*
Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA		3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	9.94	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.94*	
			For >100, Deduct	*-1.88*	
05 05 19 00-0208	EA		3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	10.19	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.95*	
			For >100, Deduct	*-1.90*	
05 05 19 00-0209	EA		3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	10.25	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.95*	
			For >100, Deduct	*-1.90*	
05 05 19 00-0210	EA		3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	10.37	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.95*	
			For >100, Deduct	*-1.91*	
05 05 19 00-0211	EA		3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	10.48	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.96*	
			For >100, Deduct	*-1.91*	
05 05 19 00-0212	EA		1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	10.69	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.96*	
			For >100, Deduct	*-1.92*	
05 05 19 00-0213	EA		1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	10.96	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.97*	
			For >100, Deduct	*-1.94*	
05 05 19 00-0214	EA		1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	11.20	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.97*	
			For >100, Deduct	*-1.95*	
05 05 19 00-0215	EA		1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	11.89	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.99*	
			For >100, Deduct	*-1.98*	
05 05 19 00-0216	EA		5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	11.97	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-0.99*	
			For >100, Deduct	*-1.99*	
05 05 19 00-0217	EA		5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	12.39	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.00*	
			For >100, Deduct	*-2.01*	
05 05 19 00-0218	EA		5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	12.81	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.01*	
			For >100, Deduct	*-2.03*	
05 05 19 00-0219	EA		5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	13.09	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.02*	
			For >100, Deduct	*-2.04*	
05 05 19 00-0220	EA		3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	12.97	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.02*	
			For >100, Deduct	*-2.04*	
05 05 19 00-0221	EA		3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	13.37	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.03*	
			For >100, Deduct	*-2.06*	
05 05 19 00-0222	EA		3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	14.30	
			For >10 To 50, Deduct	*-0.46*	
			For >50 To 100, Deduct	*-1.05*	
			For >100, Deduct	*-2.10*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*
Note: Includes drilling. Zinc plated.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	5.85	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.56*	
		For >100, Deduct	*-1.13*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	5.85	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.56*	
		For >100, Deduct	*-1.13*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	5.89	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.56*	
		For >100, Deduct	*-1.13*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	5.90	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.56*	
		For >100, Deduct	*-1.13*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

05 05 19 00-0229	EA	1/4" Diameter Threaded Stud Powder Actuated Anchor	1.67	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.14*	
		For >100, Deduct	*-0.28*	
05 05 19 00-0230	EA	3/8" Diameter Threaded Stud Powder Actuated Anchor	2.22	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.35*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0231 for drilling into brick or block, 02 41 19 13-0241 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	10.23	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.83*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	11.05	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	11.07	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	13.08	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.17*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	12.44	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.95*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	14.78	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.25*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	18.11	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.49*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	19.39	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.63*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	14.65	1.15
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.17*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	17.39	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.45*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	20.12	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.67*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	27.63	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	32.22	1.58
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	36.07	1.69
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.91*	

05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	10.64	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	11.32	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.89*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	12.06	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.93*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	14.07	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	13.56	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	16.85	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.35*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	21.69	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	25.17	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.59	1.15
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.32*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	20.70	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.61*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	24.39	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	35.38	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	35.69	1.58
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	44.09	1.69
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.32*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	10.04	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.91*	
		For >100, Deduct	*-1.83*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	10.22	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.83*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	10.80	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	13.10	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	14.92	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.33*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	11.60	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	13.95	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.21*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	15.68	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	18.88	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	13.33	1.15
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.10*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	15.99	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	18.05	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	19.49	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	14.60	1.19
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	17.37	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	19.87	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.74*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	24.90	1.49
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.10*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	23.89	1.49
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.05*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	26.90	1.58
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.66*	
		For >100, Deduct	*-3.32*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	31.27	1.69
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-3.67*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	36.40	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.07*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	10.41	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.84*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	10.53	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.85*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	11.56	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.95*	
		For >100, Deduct	*-1.90*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	13.64	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	14.40	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	11.95	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.96*	
		For >100, Deduct	*-1.92*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	14.39	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	16.36	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	20.50	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.69*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	15.43	1.15
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.21*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	17.23	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	19.55	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	24.00	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	16.23	1.19
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	21.11	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	23.00	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.90*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	28.76	1.49
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.65*	
		For >100, Deduct	*-3.30*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	28.60	1.49
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.29*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	30.50	1.58
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.50*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	35.40	1.69
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.88*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	40.71	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.29*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	11.09	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.94*	
		For >100, Deduct	*-1.88*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	15.06	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.13*	
		For >100, Deduct	*-2.27*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	16.05	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	12.20	1.06
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.97*	
		For >100, Deduct	*-1.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	14.62	1.21
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	16.76	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	20.99	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	14.01	1.15
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.14*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	16.20	1.26
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.39*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	22.46	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	16.19	1.19
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-2.30*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	19.16	1.33
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.62*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	21.80	1.40
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.42*	
		For >100, Deduct	*-2.84*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	26.74	1.49
		For >10 To 50, Deduct	*-0.62*	
		For >50 To 100, Deduct	*-1.60*	
		For >100, Deduct	*-3.19*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	33.70	1.58
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.66*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	35.51	1.69
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.89*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	37.13	1.80
		For >10 To 50, Deduct	*-0.75*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.11*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.84	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.86	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.90	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.93	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.13	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.14	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.21	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.38	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.84	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.96	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.88	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.90	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.94	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.97	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.18	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.25	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.61	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.65	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.28	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.98	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0133		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.93	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	5.95	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.00	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.45	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.82	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.88	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.28	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0150		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.08	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.15	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.93	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.11	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.46	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.55	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.94	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.09	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.30	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.60	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.59	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.66	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.22	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.58	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.23	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.15	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.56	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.94	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.61	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.99	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.50	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.00	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.20	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.97	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.40	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.60	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.11	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.29	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.79	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.43	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.96	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.45	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.97	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.35	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.07	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.73	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.22	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.88	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.69	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.24	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.97	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.51	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.09	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.70	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.35	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0283		EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.92	
			For >100 To 250, Deduct	*-1.82*	
			For >250 To 500, Deduct	*-2.27*	
			For >500, Deduct	*-2.73*	
05 05 23 00-0284		EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.49	
			For >100 To 250, Deduct	*-1.82*	
			For >250 To 500, Deduct	*-2.27*	
			For >500, Deduct	*-2.73*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287		EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.88	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	
05 05 23 00-0288		EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.90	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	
05 05 23 00-0289		EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.93	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	
05 05 23 00-0290		EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.98	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	
05 05 23 00-0291		EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.20	
			For >100 To 250, Deduct	*-1.19*	
			For >250 To 500, Deduct	*-1.49*	
			For >500, Deduct	*-1.79*	
05 05 23 00-0292		EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.28	
			For >100 To 250, Deduct	*-1.19*	
			For >250 To 500, Deduct	*-1.49*	
			For >500, Deduct	*-1.79*	
05 05 23 00-0293		EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.38	
			For >100 To 250, Deduct	*-1.19*	
			For >250 To 500, Deduct	*-1.49*	
			For >500, Deduct	*-1.79*	
05 05 23 00-0294		EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.61	
			For >100 To 250, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-1.53*	
			For >500, Deduct	*-1.83*	
05 05 23 00-0295		EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.73	
			For >100 To 250, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-1.53*	
			For >500, Deduct	*-1.83*	
05 05 23 00-0296		EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.81	
			For >100 To 250, Deduct	*-1.22*	
			For >250 To 500, Deduct	*-1.53*	
			For >500, Deduct	*-1.83*	
05 05 23 00-0297		EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.06	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.57*	
			For >500, Deduct	*-1.88*	
05 05 23 00-0298		EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.14	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.57*	
			For >500, Deduct	*-1.88*	
05 05 23 00-0299		EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.21	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.57*	
			For >500, Deduct	*-1.88*	
05 05 23 00-0300		EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.48	
			For >100 To 250, Deduct	*-1.29*	
			For >250 To 500, Deduct	*-1.61*	
			For >500, Deduct	*-1.94*	
05 05 23 00-0301		EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.58	
			For >100 To 250, Deduct	*-1.29*	
			For >250 To 500, Deduct	*-1.61*	
			For >500, Deduct	*-1.94*	
05 05 23 00-0302		EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.69	
			For >100 To 250, Deduct	*-1.29*	
			For >250 To 500, Deduct	*-1.61*	
			For >500, Deduct	*-1.94*	

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0304		EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.93	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	
05 05 23 00-0305		EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.95	
			For >100 To 250, Deduct	*-1.16*	
			For >250 To 500, Deduct	*-1.45*	
			For >500, Deduct	*-1.73*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.99	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.74	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.96	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.38	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.96	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	5.98	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.57	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.30	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.78	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.00	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.10	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.19	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.49	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.56	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.62	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.73	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.38	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.62	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.67	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.82	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.00	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.47	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.30	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.85	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.44	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.64	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.76	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.42	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.72	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.32	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.37	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.12	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.93	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.34	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.88	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.18	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.13	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.28	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.50	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.44	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.52	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.26	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.95	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.99	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.15	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.83	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.98	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.42	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.00	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.48	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.83	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.45	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.02	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.83	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.58	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.75	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.89	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.79	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.01	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.35	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.41	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.71	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.55	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.12	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.89	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.95	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.98	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.04	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.25	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.32	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.38	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.74	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.91	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.27	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.98	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.94	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.97	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.09	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.92	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.97	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.06	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.07	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.08	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.21	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.59	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.71	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.89	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.23	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.05	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.79	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.50	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.85	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.90	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.41	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.44	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.69	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.25	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.30	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.83	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.42	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.51	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.89	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.47	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.44	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.26	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.31	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.12	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.90	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.05	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.14	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.22	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.23	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.37	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.29	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.71	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.12	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.88	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.43	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.64	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.21	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.47	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.80	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.23	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.11	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.59	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.87	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.57	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.40	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.17	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.05	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.81	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.57	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.79	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.98	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.43	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.55	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.46	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.87	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.66	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.71	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.36	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.80	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.00	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.51	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.99	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.42	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.90	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.62	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.51	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.67	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.97	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.98	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.99	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.12	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.47	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.08	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.10	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.91	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.17	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.19	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.20	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.77	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.00	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	5.99	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.05	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.70	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.50	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.59	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.09	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.67	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.18	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.45	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.81	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.29	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.98	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.22	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.74	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.11	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.92	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.18	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.49	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.05	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.28	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.20	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.70	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.94	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.07	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.10	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.69	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.74	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.41	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.84	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.13	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.44	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.94	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.48	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.61	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.91	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.21	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.59	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.94	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.24	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.74	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.22	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.42	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.00	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.22	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.44	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.43	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.97	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.81	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.63	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.04	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.71	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.21	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.97	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.94	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.00	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.08	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.17	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.97	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.62	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.22	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.01	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.17	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.54	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.06	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.11	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.23	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.33	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.04	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.64	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.85	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.20	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.30	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.44	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.35	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.50	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.82	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.95	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.18	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.47	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.64	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.56	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.61	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.50	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.34	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.56	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.06	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.56	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.37	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.98	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.06	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.05	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.32	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.55	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.76	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.53	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.24	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.87	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.59	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.15	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.80	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.18	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.72	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.21	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.36	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.99	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.81	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.98	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.36	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.88	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.69	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.50	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.49	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.43	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.03	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.52	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.71	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.02	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.52	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.88	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.93	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.93	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.03	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.04	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.52	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.61	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.97	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.40	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.93	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.86	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.02	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.17	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.48	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.35	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.17	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.70	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.80	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.89	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.60	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.41	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.77	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.79	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.45	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.49	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.65	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.37	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.14	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.24	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.84	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.84	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.70	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.57	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.46	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.13	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	57.20	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	71.27	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/4" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.06	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0992	EA	1/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.19	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0993	EA	1/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0994	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-0995	EA	1/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.69	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0996	EA	1/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	6.86	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0997	EA	1/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-0998	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-0999	EA	1/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1000	EA	1/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1001	EA	1/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1002	EA	1/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1003	EA	1/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.45	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1004	EA	1/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	17.75	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1005	EA	1/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.03	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1006	EA	1/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	31.61	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.23	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.38	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.05	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.18	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	18.50	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-1.73*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	7.89	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-1.79*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	9.08	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-1.83*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.73	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-1.88*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.16	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	19.68	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-1.61*	
		For >500, Deduct	*-1.94*	

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.32	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.63	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.76	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.93	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.30	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.70	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	13.96	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.22	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.98	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.17	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	14.37	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.04	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	19.74	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.92	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	22.87	
		For >100 To 250, Deduct	*-1.45*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.18*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.20	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	31.53	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.08	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	32.93	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1073		9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.46	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	22.66	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-1.99*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.06	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	27.43	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.79	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.03*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	31.44	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.39	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	35.12	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.09*	
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.80	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.33	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.13*	
05 05 23 00-1085		5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.12	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	11.15	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	12.70	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	15.56	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.51	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	18.19	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.63	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.60	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	25.00	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.44	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	27.03	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.63	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	29.98	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.43	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	43.32	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	13.72	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.97	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.89	
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-1.86*	
		For >500, Deduct	*-2.23*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.87	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.60	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.61	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.28*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	20.92	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.80	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	22.29	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.33*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.10	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	24.21	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.62	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	32.74	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.58	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.17	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.43*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.64	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	45.47	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.97	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	47.20	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.43	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.03	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.33	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	22.38	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.74	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	26.80	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.04	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	28.06	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.62	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	40.57	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.64	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	46.64	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.40	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	51.14	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	52.87	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	54.81	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	18.96	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.60	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	23.25	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.90	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.01	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.81	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	30.62	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.60	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.28	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.89	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	48.37	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.68	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	54.44	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-2.68*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.33	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	57.06	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	65.87	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	74.37	
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-2.73*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Screws include Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.03	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.57*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.12	
		For >10 To 50, Deduct	*-0.14*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.57*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.44	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1167	EA	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	4.62	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.78*	
05 05 23 00-1168	EA	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	4.92	
		For >10 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.41*	
		For >100, Deduct	*-0.83*	
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	5.87	
		For >10 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.45*	
		For >100, Deduct	*-0.90*	
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	6.48	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.48*	
		For >100, Deduct	*-0.96*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.40	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.23*	
		For >100, Deduct	*-0.47*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.65	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.48*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.86	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.94	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.08	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.71	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.48*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.81	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.02	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.09	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.77	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.80	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.89	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.18	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.94	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.49*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.00	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.28	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.72	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.53*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.61	0.42
		For Left Hand Threaded Rod, Add	*0.08*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.08	0.46
		For Left Hand Threaded Rod, Add	*0.12*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.42	0.53
		For Left Hand Threaded Rod, Add	*0.14*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.20	0.54
		For Left Hand Threaded Rod, Add	*0.21*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.28	0.56
		For Left Hand Threaded Rod, Add	*0.22*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.01	0.57
		For Left Hand Threaded Rod, Add	*0.29*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.50	0.58
		For Left Hand Threaded Rod, Add	*0.33*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.27	0.59
		For Left Hand Threaded Rod, Add	*0.61*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.91	0.61
		For Left Hand Threaded Rod, Add	*0.67*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.76	0.69
		For Left Hand Threaded Rod, Add	*0.94*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.37	0.78
		For Left Hand Threaded Rod, Add	*1.18*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	17.68	0.85
		For Left Hand Threaded Rod, Add	*1.59*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.94	0.92
		For Left Hand Threaded Rod, Add	*2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	26.19	0.96
		For Left Hand Threaded Rod, Add	*2.43*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	32.06	1.01
		For Left Hand Threaded Rod, Add	*3.01*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	40.88	1.06
		For Left Hand Threaded Rod, Add	*3.88*	

05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	1.62	0.42
		For Left Hand Threaded Rod, Add	*0.08*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.33	0.46
		For Left Hand Threaded Rod, Add	*0.14*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.61	0.53
		For Left Hand Threaded Rod, Add	*0.16*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.67	0.54
		For Left Hand Threaded Rod, Add	*0.26*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.94	0.56
		For Left Hand Threaded Rod, Add	*0.28*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.10	0.57
		For Left Hand Threaded Rod, Add	*0.40*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.41	0.58
		For Left Hand Threaded Rod, Add	*0.43*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.05	0.59
		For Left Hand Threaded Rod, Add	*0.69*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	10.37	0.61
		For Left Hand Threaded Rod, Add	*0.91*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.87	0.69
		For Left Hand Threaded Rod, Add	*1.25*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	17.86	0.78
		For Left Hand Threaded Rod, Add	*1.63*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	21.29	0.85
		For Left Hand Threaded Rod, Add	*1.95*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	24.18	0.92
		For Left Hand Threaded Rod, Add	*2.24*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	30.37	0.96
		For Left Hand Threaded Rod, Add	*2.85*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	37.57	1.01
		For Left Hand Threaded Rod, Add	*3.56*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	54.69	1.06
		For Left Hand Threaded Rod, Add	*5.26*	

05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	4.17	0.53
		For Left Hand Threaded Rod, Add	*0.31*	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	5.77	0.56
		For Left Hand Threaded Rod, Add	*0.47*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	7.72	0.58
		For Left Hand Threaded Rod, Add	*0.66*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	10.54	0.59
		For Left Hand Threaded Rod, Add	*0.93*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	14.52	0.61
		For Left Hand Threaded Rod, Add	*1.33*	
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	18.69	0.69
		For Left Hand Threaded Rod, Add	*1.73*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	24.54	0.78
		For Left Hand Threaded Rod, Add	*2.30*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	32.22	0.85
		For Left Hand Threaded Rod, Add	*3.05*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	36.00	0.92
		For Left Hand Threaded Rod, Add	*3.42*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	42.80	0.96
		For Left Hand Threaded Rod, Add	*4.09*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	51.95	1.01
		For Left Hand Threaded Rod, Add	*5.00*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	90.44	1.06
		For Left Hand Threaded Rod, Add	*8.83*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.16	0.42
		For Left Hand Threaded Rod, Add	*0.13*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.17	0.46
		For Left Hand Threaded Rod, Add	*0.22*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.05	0.53
		For Left Hand Threaded Rod, Add	*0.30*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.53	0.54
		For Left Hand Threaded Rod, Add	*0.44*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.59	0.56
		For Left Hand Threaded Rod, Add	*0.55*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.38	0.57
		For Left Hand Threaded Rod, Add	*0.82*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.78	0.58
		For Left Hand Threaded Rod, Add	*0.86*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.61	0.59
		For Left Hand Threaded Rod, Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	18.63	0.61
		For Left Hand Threaded Rod, Add	*1.74*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	23.86	0.69
		For Left Hand Threaded Rod, Add	*2.25*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	50.24	0.85
		For Left Hand Threaded Rod, Add	*4.85*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	76.33	0.96
		For Left Hand Threaded Rod, Add	*7.44*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	78.52	1.01
		For Left Hand Threaded Rod, Add	*7.65*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	108.51	1.06
		For Left Hand Threaded Rod, Add	*10.64*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	3.04	0.42
		For Left Hand Threaded Rod, Add	*0.22*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	4.80	0.46
		For Left Hand Threaded Rod, Add	*0.39*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	6.33	0.53
		For Left Hand Threaded Rod, Add	*0.53*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	9.76	0.54
		For Left Hand Threaded Rod, Add	*0.87*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	10.34	0.56
		For Left Hand Threaded Rod, Add	*0.92*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	13.49	0.57
		For Left Hand Threaded Rod, Add	*1.24*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	14.51	0.58
		For Left Hand Threaded Rod, Add	*1.34*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	21.05	0.59
		For Left Hand Threaded Rod, Add	*1.99*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	28.72	0.61
		For Left Hand Threaded Rod, Add	*2.75*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	36.31	0.69
		For Left Hand Threaded Rod, Add	*3.49*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	76.39	0.85
		For Left Hand Threaded Rod, Add	*7.46*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	100.05	0.96
		For Left Hand Threaded Rod, Add	*9.81*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	2.69	0.42
		For Zinc Plating, Add	*0.92*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.07	0.46
		For Zinc Plating, Add	*1.57*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.28	0.53
		For Zinc Plating, Add	*1.61*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.66	0.54
		For Zinc Plating, Add	*1.79*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.12	0.56
		For Zinc Plating, Add	*2.00*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.35	0.57
		For Zinc Plating, Add	*2.61*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.55	0.58
		For Zinc Plating, Add	*2.70*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	8.66	0.59
		For Zinc Plating, Add	*3.73*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.34	0.61
		For Zinc Plating, Add	*4.55*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	13.39	0.69
		For Zinc Plating, Add	*6.00*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	17.38	0.78
		For Zinc Plating, Add	*7.91*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	19.34	0.85
		For Zinc Plating, Add	*8.80*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.30	0.92
		For Zinc Plating, Add	*10.24*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	27.07	0.96
		For Zinc Plating, Add	*12.58*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	27.99	1.01
		For Zinc Plating, Add	*13.00*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	37.48	1.06
		For Zinc Plating, Add	*17.69*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.50	0.23
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.55	0.23
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.58	0.23
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.23
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.23
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.90	0.23
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.93	0.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.07	0.46
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.49	0.46
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.88	0.46
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.97	0.46
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.61	0.46
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.19	0.46
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.99	0.68
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	8.66	0.68
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	12.39	0.68
05 05 23 00-1302		**Zinc Plated Steel, Grade 5 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.51	0.23
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.56	0.23
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.60	0.23
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.68	0.23
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.78	0.23
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.92	0.23
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.94	0.23
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.19	0.46
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.61	0.46
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.23	0.46
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.32	0.46
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.63	0.46
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.68	0.46
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	7.37	0.68
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	13.06	0.68
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	18.60	0.68
05 05 23 00-1319		**Zinc Plated Steel, Grade 8 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.52	0.23
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.59	0.23
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.63	0.23
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.75	0.23
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.88	0.23
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.04	0.23
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.16	0.23
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.40	0.46
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.03	0.46
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.66	0.46
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.08	0.46
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	5.07	0.46
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.18	0.46
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	8.69	0.68
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	13.10	0.68
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	18.40	0.68
05 05 23 00-1336		**Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.52	0.23
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.58	0.23
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.62	0.23
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.23
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.84	0.23
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.93	0.23
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.23
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.29	0.46
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.81	0.46
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.46	0.46
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.95	0.46
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	5.04	0.46
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.36	0.46
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	8.56	0.68
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.71	0.68
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	25.23	0.68
05 05 23 00-1353		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.57	0.23
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.66	0.23
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.73	0.23
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.02	0.23
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.10	0.23
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	1.60	0.23
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	1.77	0.23
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	2.02	0.46
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	3.21	0.46
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	4.86	0.46
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	11.47	0.46
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	21.83	0.68
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	38.19	0.68
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	54.32	0.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1368		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.64	0.23
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	0.72	0.23
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	0.84	0.23
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.29	0.23
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	1.39	0.23
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	1.85	0.23
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	2.06	0.23
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	2.82	0.46
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	3.86	0.46
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	5.91	0.46
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	17.65	0.46
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	28.42	0.68
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	47.79	0.68
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	88.61	0.68
05 05 23 00-1383		**Flat Washers** *(05 05 23 00-1283)*		
05 05 23 00-1384		**Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.03	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.08	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.12	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.17	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.19	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.33	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.47	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.77	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.92	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.45	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.48	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.20	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.73	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.10	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.14	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.16	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.21	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.29	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.47	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.67	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.94	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.58	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.75	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.54	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.78	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.66	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.18	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.62	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	6.75	
05 05 23 00-1418		**Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.07	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.11	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.20	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.25	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.41	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.46	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.70	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.98	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.08	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.65	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.84	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.62	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.84	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.12	
05 05 23 00-1434		**304/18-8 Stainless Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.08	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.11	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.15	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.29	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.52	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.65	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.95	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.97	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.05	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.59	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.02	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.25	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.43	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.19	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.20	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	10.22	

05 05 23 00-1451 316 Stainless Steel Flat Washers *(05 05 23 00-1383)*

05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.16	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.17	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.31	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.37	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	0.68	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	1.21	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	1.43	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	1.80	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	2.79	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	3.12	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.55	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	4.38	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.63	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	4.73	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	6.93	

05 05 23 00-1467 Lock Washers *(05 05 23 00-1283)*

05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*

05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.01	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.05	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.07	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.11	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.12	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.19	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.31	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.56	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.82	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.25	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.98	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.33	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.16	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.69	

05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*

05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.05	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.06	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.08	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.09	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.14	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.21	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.36	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.52	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.82	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.48	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.76	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.54	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.91	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.94	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.36	

05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*

05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.07	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.10	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.13	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.25	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.28	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.67	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.79	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.92	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.66	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.35	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	4.10	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.45	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	6.93	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	8.32	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.08	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.18	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.21	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.36	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.40	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.72	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.78	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	1.35	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	2.24	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	3.04	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	4.25	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	6.54	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	11.70	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	12.99	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.36	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.54	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.66	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.88	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.27	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.78	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.88	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.23	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.86	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.72	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.91	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.86	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.27	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.69	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.06	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.11	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.27	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.00	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.24	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.29	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.34	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.84	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.99	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.22	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.37	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.37	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.56	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.79	
05 05 23 00-1567		Drilling In Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	15.50	
		For Aluminum, Deduct	*-1.55*	
		For Stainless Steel, Add	*1.94*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	18.23	
		For Aluminum, Deduct	*-1.82*	
		For Stainless Steel, Add	*2.28*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	21.88	
		For Aluminum, Deduct	*-2.19*	
		For Stainless Steel, Add	*2.74*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	25.53	
		For Aluminum, Deduct	*-2.55*	
		For Stainless Steel, Add	*3.19*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	34.18	
		For Aluminum, Deduct	*-3.42*	
		For Stainless Steel, Add	*4.27*	
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	18.23	
		For Aluminum, Deduct	*-1.82*	
		For Stainless Steel, Add	*2.28*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	22.79	
		For Aluminum, Deduct	*-2.28*	
		For Stainless Steel, Add	*2.85*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	27.34	
		For Aluminum, Deduct	*-2.73*	
		For Stainless Steel, Add	*3.42*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	34.18	
		For Aluminum, Deduct	*-3.42*	
		For Stainless Steel, Add	*4.27*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	22.79	
		For Aluminum, Deduct	*-2.28*	
		For Stainless Steel, Add	*2.85*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	30.08	
		For Aluminum, Deduct	*-3.01*	
		For Stainless Steel, Add	*3.76*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	36.46	

05 05 23 00-1580 Welded Stud Anchors *(05 05 23)*

05 05 23 00-1581	EA	1/4" Diameter x 1-1/8" Long, Welded Stud Concrete Anchors	2.21
05 05 23 00-1582	EA	1/4" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	2.24
05 05 23 00-1583	EA	1/4" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.25
05 05 23 00-1584	EA	1/4" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.26
05 05 23 00-1585	EA	3/8" Diameter x 1-3/8" Long, Welded Stud Concrete Anchors	2.30
05 05 23 00-1586	EA	3/8" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.37
05 05 23 00-1587	EA	3/8" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.43
05 05 23 00-1588	EA	3/8" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.47
05 05 23 00-1589	EA	3/8" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.50
05 05 23 00-1590	EA	3/8" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.64
05 05 23 00-1591	EA	3/8" Diameter x 5-1/8" Long, Welded Stud Concrete Anchors	2.75
05 05 23 00-1592	EA	3/8" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	2.84
05 05 23 00-1593	EA	1/2" Diameter x 1-1/2" Long, Welded Stud Concrete Anchors	2.69
05 05 23 00-1594	EA	1/2" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.70
05 05 23 00-1595	EA	1/2" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.81
05 05 23 00-1596	EA	1/2" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.90
05 05 23 00-1597	EA	1/2" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	3.02
05 05 23 00-1598	EA	1/2" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	3.21
05 05 23 00-1599	EA	1/2" Diameter x 5-5/16" Long, Welded Stud Concrete Anchors	3.33
05 05 23 00-1600	EA	1/2" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	3.66
05 05 23 00-1601	EA	1/2" Diameter x 8-1/8" Long, Welded Stud Concrete Anchors	4.28
05 05 23 00-1602	EA	5/8" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	3.51
05 05 23 00-1603	EA	5/8" Diameter x 3-3/16" Long, Welded Stud Concrete Anchors	3.66
05 05 23 00-1604	EA	5/8" Diameter x 3-11/16" Long, Welded Stud Concrete Anchors	3.79
05 05 23 00-1605	EA	5/8" Diameter x 4-3/16" Long, Welded Stud Concrete Anchors	3.92
05 05 23 00-1606	EA	5/8" Diameter x 4-11/16" Long, Welded Stud Concrete Anchors	4.02
05 05 23 00-1607	EA	5/8" Diameter x 5-3/16" Long, Welded Stud Concrete Anchors	4.12
05 05 23 00-1608	EA	5/8" Diameter x 6-3/16" Long, Welded Stud Concrete Anchors	4.25
05 05 23 00-1609	EA	5/8" Diameter x 6-9/16" Long, Welded Stud Concrete Anchors	4.78
05 05 23 00-1610	EA	5/8" Diameter x 8-3/16" Long, Welded Stud Concrete Anchors	5.52

05 05 23 00-1611 Welded Shear Stud Connector *(05 05 23)*

05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.31
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	4.42
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	4.45
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	4.46
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	4.59
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	4.82
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	7.08
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.10
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	5.51
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	7.94
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.07
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	8.52
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.41

05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.87
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	5.05
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	5.23
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.75
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	8.22
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.76
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	9.30
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.82

05 05 23 00-1635 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	6.05
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	6.60
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	7.42
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	10.26
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	11.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	11.98	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel For Buildings *(05 12)*

Note: Prices are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection. Excludes moment connection welding. See CSI section 05 12 23 00-0117 for field fabrication of additional structural metal connections, 05 12 23 00-0132 for moment connection welding.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	6,194.65	963.04
		For ASTM A242 Type 2 High Strength Steel, Add	*336.19*	
		For Hot Dip Galvanizing, Add	*1,176.65*	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	4,112.99	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*275.91*	
		For Hot Dip Galvanizing, Add	*965.69*	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	3,435.42	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*244.95*	
		For Hot Dip Galvanizing, Add	*857.32*	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	2,292.38	186.41
		For ASTM A242 Type 2 High Strength Steel, Add	*167.45*	
		For Hot Dip Galvanizing, Add	*586.08*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	4,362.39	654.95
		For ASTM A242 Type 2 High Strength Steel, Add	*293.13*	
		For Hot Dip Galvanizing, Add	*1,025.96*	

05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	9,052.56	1,790.30
		For ASTM A242 Type 2 High Strength Steel, Add	*485.50*	
		For Hot Dip Galvanizing, Add	*1,699.24*	
05 12 23 00-0012	TON	>10-20 LB/LF Rolled Shape Steel Angles	7,797.70	1,050.64
		For ASTM A242 Type 2 High Strength Steel, Add	*464.43*	
		For Hot Dip Galvanizing, Add	*1,625.50*	
05 12 23 00-0013	TON	>20-58 LB/LF Rolled Shape Steel Angles	5,770.91	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*408.55*	
		For Hot Dip Galvanizing, Add	*1,429.93*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels	10,082.21	2,451.50
		For ASTM A242 Type 2 High Strength Steel, Add	*478.17*	
		For Hot Dip Galvanizing, Add	*1,673.60*	
05 12 23 00-0016	TON	>10-20 LB/LF Rolled C, MC Steel Channels	7,717.55	1,867.81
		For ASTM A242 Type 2 High Strength Steel, Add	*458.02*	
		For Hot Dip Galvanizing, Add	*1,603.06*	
05 12 23 00-0017	TON	>20-58 LB/LF Rolled C, MC Steel Channels	5,679.30	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*401.22*	
		For Hot Dip Galvanizing, Add	*1,404.28*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles	8,326.25	1,420.47
		For ASTM A242 Type 2 High Strength Steel, Add	*467.18*	
		For Hot Dip Galvanizing, Add	*1,635.12*	
05 12 23 00-0020	TON	>20-50 LB/LF Double L Shape Steel Angles	6,160.22	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*439.70*	
		For Hot Dip Galvanizing, Add	*1,538.94*	
05 12 23 00-0021	TON	>50-80 LB/LF Double L Shape Steel Angles	4,610.22	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*338.93*	
		For Hot Dip Galvanizing, Add	*1,186.26*	
05 12 23 00-0022	TON	>80-115 LB/LF Double L Shape Steel Angles	2,947.03	186.68
		For ASTM A242 Type 2 High Strength Steel, Add	*219.85*	
		For Hot Dip Galvanizing, Add	*769.47*	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	7,488.54	1,050.64
		For ASTM A242 Type 2 High Strength Steel, Add	*439.70*	
		For Hot Dip Galvanizing, Add	*1,538.94*	
05 12 23 00-0025	TON	>30-65 LB/LF Structural WT, MT, ST Tee Shapes	4,866.42	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*336.18*	
		For Hot Dip Galvanizing, Add	*1,176.65*	
05 12 23 00-0026	TON	>65-100 LB/LF Structural WT, MT, ST Tee Shapes	3,808.69	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*274.81*	
		For Hot Dip Galvanizing, Add	*961.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0027	TON	>100-365 LB/LF Structural WT, MT, ST Tee Shapes	2,787.04	186.41
		For ASTM A242 Type 2 High Strength Steel, Add	*207.02*	
		For Hot Dip Galvanizing, Add	*724.58*	
05 12 23 00-0028		**Combination Section Shapes** *(05 12 23 00-0001)*		
05 12 23 00-0029		**Combination Section, W Shapes And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0030	TON	Up To 30 LB/LF Combination Section - W Shapes And Angles	7,133.57	1,050.64
		For ASTM A242 Type 2 High Strength Steel, Add	*411.30*	
		For Hot Dip Galvanizing, Add	*1,439.55*	
05 12 23 00-0031	TON	>30-65 LB/LF Combination Section - W Shapes And Angles	4,900.78	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*338.93*	
		For Hot Dip Galvanizing, Add	*1,186.27*	
05 12 23 00-0032	TON	>65-100 LB/LF Combination Section - W Shapes And Angles	3,522.43	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*251.91*	
		For Hot Dip Galvanizing, Add	*881.68*	
05 12 23 00-0033	TON	>100-300 LB/LF Combination Section - W Shapes And Angles	3,015.73	186.41
		For ASTM A242 Type 2 High Strength Steel, Add	*225.34*	
		For Hot Dip Galvanizing, Add	*788.71*	
05 12 23 00-0034	TON	>300-500 LB/LF Combination Section - W Shapes And Angles	2,584.36	93.58
		For ASTM A242 Type 2 High Strength Steel, Add	*198.78*	
		For Hot Dip Galvanizing, Add	*695.73*	
05 12 23 00-0035		**Combination Section, S Shapes And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0036	TON	>30-65 LB/LF Combination Section - S Shapes And Angles	4,717.57	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*324.28*	
		For Hot Dip Galvanizing, Add	*1,134.97*	
05 12 23 00-0037	TON	>65-100 LB/LF Combination Section - S Shapes And Angles	3,533.88	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*252.83*	
		For Hot Dip Galvanizing, Add	*884.89*	
05 12 23 00-0038		**Combination Section, Channels And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0039	TON	Up To 30 LB/LF Combination Section - Channels And Angles	7,488.54	1,050.64
		For ASTM A242 Type 2 High Strength Steel, Add	*439.70*	
		For Hot Dip Galvanizing, Add	*1,538.94*	
05 12 23 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles	5,129.78	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*357.25*	
		For Hot Dip Galvanizing, Add	*1,250.39*	
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles	3,614.03	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*259.24*	
		For Hot Dip Galvanizing, Add	*907.33*	
05 12 23 00-0042		**Standard Weight Pipe** *(05 12 23 00-0001)*		
05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	4,170.24	560.34
		For ASTM A242 Type 2 High Strength Steel, Add	*285.80*	
		For Hot Dip Galvanizing, Add	*1,000.31*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	4,479.97	700.43
		For ASTM A242 Type 2 High Strength Steel, Add	*298.63*	
		For Hot Dip Galvanizing, Add	*1,045.20*	
05 12 23 00-0045		**Structural Steel Shapes** *(05 12 23)*		
05 12 23 00-0046		**Steel Rods** *(05 12 23 00-0045)*		
05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	4,451.70	437.82
		For ASTM A242 Type 2 High Strength Steel, Add	*318.78*	
		For Hot Dip Galvanizing, Add	*1,115.73*	
05 12 23 00-0048	TON	>5" To 12" Diameter Extra Strong Steel, Solid	5,129.78	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*357.25*	
		For Hot Dip Galvanizing, Add	*1,250.39*	
05 12 23 00-0049		**Column Base Plates** *(05 12 23 00-0045)*		
05 12 23 00-0050	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	2.34	0.59
		For ASTM A242 Type 2 High Strength Steel, Add	*0.14*	
		For Hot Dip Galvanizing, Add	*0.48*	
05 12 23 00-0051	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	2.19	0.50
		For ASTM A242 Type 2 High Strength Steel, Add	*0.13*	
		For Hot Dip Galvanizing, Add	*0.46*	
05 12 23 00-0052	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	4,103.41	526.28
		For ASTM A242 Type 2 High Strength Steel, Add	*283.36*	
		For Hot Dip Galvanizing, Add	*991.77*	
05 12 23 00-0053	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	2,898.74	315.77
		For ASTM A242 Type 2 High Strength Steel, Add	*204.95*	
		For Hot Dip Galvanizing, Add	*717.34*	
05 12 23 00-0054		**Double Extra Strong Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe	5,411.14	800.45
		For ASTM A242 Type 2 High Strength Steel, Add	*364.58*	
		For Hot Dip Galvanizing, Add	*1,276.04*	
05 12 23 00-0056	TON	>5" To 8" Diameter Double Extra Strong Pipe	4,788.04	430.99
		For ASTM A242 Type 2 High Strength Steel, Add	*346.26*	
		For Hot Dip Galvanizing, Add	*1,211.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0057		**Structural Pipes** *(05 12 23 00-0045)*		
05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	3,775.14	369.83
		For ASTM A242 Type 2 High Strength Steel, Add	*256.49*	
		For Hot Dip Galvanizing, Add	*897.71*	
05 12 23 00-0059	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	4,147.08	426.52
		For ASTM A242 Type 2 High Strength Steel, Add	*256.49*	
		For Hot Dip Galvanizing, Add	*897.71*	
05 12 23 00-0060		**Structural Tubing** *(05 12 23 00-0045)*		
05 12 23 00-0061		**Rectangle Structural Tubing** *(05 12 23 00-0060)*		
05 12 23 00-0062	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	6,123.68	373.56
		For ASTM A242 Type 2 High Strength Steel, Add	*458.02*	
		For Hot Dip Galvanizing, Add	*1,603.06*	
05 12 23 00-0063	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	6,184.99	430.99
		For ASTM A242 Type 2 High Strength Steel, Add	*458.02*	
		For Hot Dip Galvanizing, Add	*1,603.06*	
05 12 23 00-0064	TON	5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	5,421.78	466.95
		For ASTM A242 Type 2 High Strength Steel, Add	*393.90*	
		For Hot Dip Galvanizing, Add	*1,378.63*	
05 12 23 00-0065	TON	6" x 4", 3 ", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	5,177.88	560.34
		For ASTM A242 Type 2 High Strength Steel, Add	*366.41*	
		For Hot Dip Galvanizing, Add	*1,282.45*	
05 12 23 00-0066	TON	7" x 5", 4 ", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	4,900.77	622.54
		For ASTM A242 Type 2 High Strength Steel, Add	*338.93*	
		For Hot Dip Galvanizing, Add	*1,186.26*	
05 12 23 00-0067	TON	8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	5,155.63	861.53
		For ASTM A242 Type 2 High Strength Steel, Add	*338.93*	
		For Hot Dip Galvanizing, Add	*1,186.26*	
05 12 23 00-0068	TON	10" x 6", 4 ", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	5,543.10	1,138.90
		For ASTM A242 Type 2 High Strength Steel, Add	*346.26*	
		For Hot Dip Galvanizing, Add	*1,211.92*	
05 12 23 00-0069	TON	12" x 6", 4 ", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	5,701.12	1,244.05
		For ASTM A242 Type 2 High Strength Steel, Add	*349.93*	
		For Hot Dip Galvanizing, Add	*1,224.74*	
05 12 23 00-0070	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	5,868.32	1,400.86
		For ASTM A242 Type 2 High Strength Steel, Add	*349.93*	
		For Hot Dip Galvanizing, Add	*1,224.74*	
05 12 23 00-0071	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	7,467.45	2,943.02
		For ASTM A242 Type 2 High Strength Steel, Add	*346.26*	
		For Hot Dip Galvanizing, Add	*1,211.92*	
05 12 23 00-0072	TON	18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	6,206.09	1,867.81
		For ASTM A242 Type 2 High Strength Steel, Add	*337.10*	
		For Hot Dip Galvanizing, Add	*1,179.85*	
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	9,026.35	4,297.18
		For ASTM A242 Type 2 High Strength Steel, Add	*355.42*	
		For Hot Dip Galvanizing, Add	*1,243.98*	
05 12 23 00-0074		**Square Structural Tubing** *(05 12 23 00-0060)*		
05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	6,098.78	350.22
		For ASTM A242 Type 2 High Strength Steel, Add	*458.02*	
		For Hot Dip Galvanizing, Add	*1,603.06*	
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	6,123.68	373.56
		For ASTM A242 Type 2 High Strength Steel, Add	*458.02*	
		For Hot Dip Galvanizing, Add	*1,603.06*	
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	5,536.28	466.95
		For ASTM A242 Type 2 High Strength Steel, Add	*403.06*	
		For Hot Dip Galvanizing, Add	*1,410.69*	
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	5,521.39	560.34
		For ASTM A242 Type 2 High Strength Steel, Add	*393.90*	
		For Hot Dip Galvanizing, Add	*1,378.63*	
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	4,502.87	700.43
		For ASTM A242 Type 2 High Strength Steel, Add	*300.46*	
		For Hot Dip Galvanizing, Add	*1,051.61*	
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	4,609.60	800.45
		For ASTM A242 Type 2 High Strength Steel, Add	*300.46*	
		For Hot Dip Galvanizing, Add	*1,051.61*	
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	4,951.14	1,120.68
		For ASTM A242 Type 2 High Strength Steel, Add	*300.46*	
		For Hot Dip Galvanizing, Add	*1,051.61*	
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	5,318.70	1,400.86
		For ASTM A242 Type 2 High Strength Steel, Add	*305.96*	
		For Hot Dip Galvanizing, Add	*1,070.85*	
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	6,435.10	1,867.81
		For ASTM A242 Type 2 High Strength Steel, Add	*355.42*	
		For Hot Dip Galvanizing, Add	*1,243.98*	
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	7,431.27	2,801.72
		For ASTM A242 Type 2 High Strength Steel, Add	*355.42*	
		For Hot Dip Galvanizing, Add	*1,243.98*	
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	7,332.07	3,288.37
		For ASTM A242 Type 2 High Strength Steel, Add	*305.96*	
		For Hot Dip Galvanizing, Add	*1,070.85*	
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	8,934.75	4,297.18
		For ASTM A242 Type 2 High Strength Steel, Add	*348.09*	
		For Hot Dip Galvanizing, Add	*1,218.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	10,419.76	5,603.43
		For ASTM A242 Type 2 High Strength Steel, Add	*355.42*	
		For Hot Dip Galvanizing, Add	*1,243.98*	

05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	7,193.45	2,105.11
		For ASTM A242 Type 2 High Strength Steel, Add	*308.16*	
		For Hot Dip Galvanizing, Add	*1,078.56*	
		For >20 To 50 LB/LF, Deduct	*-886.42*	
		For >50 To 75 LB/LF, Deduct	*-1,413.16*	
		For >75 To 100 LB/LF, Deduct	*-1,939.91*	
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	4,783.96	842.04
		For ASTM A242 Type 2 High Strength Steel, Add	*293.14*	
		For Hot Dip Galvanizing, Add	*1,025.98*	
		For >21.5 To 50 LB/LF, Deduct	*-534.38*	
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	2.76	0.19
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports	3.33	0.19

05 12 23 00-0093 Built-Up Trusses *(05 12 23 00-0045)*

05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	4,959.18	280.18
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	4,872.16	155.58
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	4,324.55	82.37
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	4,205.18	77.89

05 12 23 00-0098 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps *(05 12 23 00-0045)*

Note: Includes shop fabrication, welds, drilling and shop primer.

05 12 23 00-0099	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	18.04	6.06
05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	27.06	9.07
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	36.08	12.09
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	45.11	15.11
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	54.13	18.04
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	63.14	21.15
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	72.16	24.18
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	81.18	27.20
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	90.20	30.22
05 12 23 00-0108	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	99.22	33.24
05 12 23 00-0109	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	108.24	36.26
05 12 23 00-0110	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	117.26	39.28
05 12 23 00-0111	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	126.28	42.31
05 12 23 00-0112	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	135.31	45.33
05 12 23 00-0113	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	144.33	48.35

05 12 23 00-0114 Accessories For Steel *(05 12 23)*

05 12 23 00-0115 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0114)*

05 12 23 00-0116	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	0.82	

05 12 23 00-0117 Connection And Stiffener Plates *(05 12 23 00-0114)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0118	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	10,578.24	
05 12 23 00-0119	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	9,025.31	
05 12 23 00-0120	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0121	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0122	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0123	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0124	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0125	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	6,979.46	
05 12 23 00-0126	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	6,543.24	
05 12 23 00-0127	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	6,543.24	
05 12 23 00-0128	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	6,543.24	

05 12 23 00-0129 Spot Welding *(05 12 23 00-0114)*

See CSI section 05 12 23 00-0132 for a series of welds.

05 12 23 00-0130	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	9.34	
		For Aluminum Welding, Add	*1.42*	
		For Stainless Steel Welding, Add	*2.36*	
05 12 23 00-0131	EA	>15 Spot Weldings, Welds Up To 1" Length Each	7.55	
		For Aluminum Welding, Add	*1.32*	
		For Stainless Steel Welding, Add	*2.12*	

05 12 23 00-0132 Field Welding (Seam And Stitch Welding) *(05 12 23 00-0114)*

05 12 23 00-0133 Vertical Fillet Welds *(05 12 23 00-0132)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0134	LF	3/16" Vertical Fillet Weld	9.81	
		For Aluminum Welding, Add	*1.63*	
		For Stainless Steel Welding, Add	*2.65*	
		For Up To 25, Add	*3.37*	
		For >25 To 50, Add	*2.40*	
05 12 23 00-0135	LF	1/4" Vertical Fillet Weld	14.73	
		For Aluminum Welding, Add	*2.45*	
		For Stainless Steel Welding, Add	*3.98*	
		For Up To 25, Add	*5.06*	
		For >25 To 50, Add	*3.60*	
05 12 23 00-0136	LF	5/16" Vertical Fillet Weld	19.61	
		For Aluminum Welding, Add	*3.26*	
		For Stainless Steel Welding, Add	*5.30*	
		For Up To 25, Add	*6.73*	
		For >25 To 50, Add	*4.80*	
05 12 23 00-0137	LF	3/8" Vertical Fillet Weld	24.54	
		For Aluminum Welding, Add	*4.08*	
		For Stainless Steel Welding, Add	*6.63*	
		For Up To 25, Add	*8.42*	
		For >25 To 50, Add	*6.00*	
05 12 23 00-0138	LF	7/16" Vertical Fillet Weld	29.17	
		For Aluminum Welding, Add	*4.69*	
		For Stainless Steel Welding, Add	*7.68*	
		For Up To 25, Add	*10.08*	
		For >25 To 50, Add	*7.19*	
05 12 23 00-0139	LF	1/2" Vertical Fillet Weld	33.98	
		For Aluminum Welding, Add	*5.65*	
		For Stainless Steel Welding, Add	*9.19*	
		For Up To 25, Add	*11.66*	
		For >25 To 50, Add	*8.31*	
05 12 23 00-0140	LF	9/16" Vertical Fillet Weld	39.89	
		For Aluminum Welding, Add	*6.48*	
		For Stainless Steel Welding, Add	*10.59*	
		For Up To 25, Add	*13.76*	
		For >25 To 50, Add	*9.81*	
05 12 23 00-0141	LF	5/8" Vertical Fillet Weld	43.95	
		For Aluminum Welding, Add	*7.17*	
		For Stainless Steel Welding, Add	*11.72*	
		For Up To 25, Add	*15.14*	
		For >25 To 50, Add	*10.79*	
05 12 23 00-0142	LF	3/4" Vertical Fillet Weld	60.39	
		For Aluminum Welding, Add	*10.06*	
		For Stainless Steel Welding, Add	*16.35*	
		For Up To 25, Add	*20.72*	
		For >25 To 50, Add	*14.76*	
05 12 23 00-0143	LF	7/8" Vertical Fillet Weld	79.73	
		For Aluminum Welding, Add	*13.08*	
		For Stainless Steel Welding, Add	*21.33*	
		For Up To 25, Add	*27.44*	
		For >25 To 50, Add	*19.56*	
05 12 23 00-0144	LF	1" Vertical Fillet Weld	110.58	
		For Aluminum Welding, Add	*18.46*	
		For Stainless Steel Welding, Add	*29.99*	
		For Up To 25, Add	*37.92*	
		For >25 To 50, Add	*27.02*	

05 12 23 00-0145 Horizontal Or Flat Fillet Welds *(05 12 23 00-0132)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 12 23 00-0146	LF	1/8" Horizontal Or Flat Fillet Weld	5.58	
		For Aluminum Welding, Add	*0.96*	
		For Stainless Steel Welding, Add	*1.55*	
		For Up To 25, Add	*1.90*	
		For >25 To 50, Add	*1.35*	
05 12 23 00-0147	LF	3/16" Horizontal Or Flat Fillet Weld	7.43	
		For Aluminum Welding, Add	*1.28*	
		For Stainless Steel Welding, Add	*2.06*	
		For Up To 25, Add	*2.53*	
		For >25 To 50, Add	*1.80*	
05 12 23 00-0148	LF	1/4" Horizontal Or Flat Fillet Weld	11.16	
		For Aluminum Welding, Add	*1.92*	
		For Stainless Steel Welding, Add	*3.10*	
		For Up To 25, Add	*3.80*	
		For >25 To 50, Add	*2.71*	
05 12 23 00-0149	LF	5/16" Horizontal Or Flat Fillet Weld	14.89	
		For Aluminum Welding, Add	*2.57*	
		For Stainless Steel Welding, Add	*4.14*	
		For Up To 25, Add	*5.07*	
		For >25 To 50, Add	*3.61*	
05 12 23 00-0150	LF	3/8" Horizontal Or Flat Fillet Weld	18.59	
		For Aluminum Welding, Add	*3.20*	
		For Stainless Steel Welding, Add	*5.16*	
		For Up To 25, Add	*6.34*	
		For >25 To 50, Add	*4.51*	
05 12 23 00-0151	LF	7/16" Horizontal Or Flat Fillet Weld	21.49	
		For Aluminum Welding, Add	*3.55*	
		For Stainless Steel Welding, Add	*5.79*	
		For Up To 25, Add	*7.38*	
		For >25 To 50, Add	*5.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0152	LF	1/2" Horizontal Or Flat Fillet Weld	26.24	
		For Aluminum Welding, Add	*4.51*	
		For Stainless Steel Welding, Add	*7.28*	
		For Up To 25, Add	*8.94*	
		For >25 To 50, Add	*6.37*	
05 12 23 00-0153	LF	9/16" Horizontal Or Flat Fillet Weld	29.53	
		For Aluminum Welding, Add	*4.96*	
		For Stainless Steel Welding, Add	*8.04*	
		For Up To 25, Add	*10.12*	
		For >25 To 50, Add	*7.21*	
05 12 23 00-0154	LF	5/8" Horizontal Or Flat Fillet Weld	35.47	
		For Aluminum Welding, Add	*6.00*	
		For Stainless Steel Welding, Add	*9.72*	
		For Up To 25, Add	*12.13*	
		For >25 To 50, Add	*8.64*	
05 12 23 00-0155	LF	3/4" Horizontal Or Flat Fillet Weld	44.73	
		For Aluminum Welding, Add	*7.76*	
		For Stainless Steel Welding, Add	*12.50*	
		For Up To 25, Add	*15.22*	
		For >25 To 50, Add	*10.83*	
05 12 23 00-0156	LF	7/8" Horizontal Or Flat Fillet Weld	67.67	
		For Aluminum Welding, Add	*11.19*	
		For Stainless Steel Welding, Add	*18.22*	
		For Up To 25, Add	*23.25*	
		For >25 To 50, Add	*16.57*	
05 12 23 00-0157	LF	1" Horizontal Or Flat Fillet Weld	89.24	
		For Aluminum Welding, Add	*15.35*	
		For Stainless Steel Welding, Add	*24.76*	
		For Up To 25, Add	*30.42*	
		For >25 To 50, Add	*21.66*	

05 12 23 00-0158 Cold Galvanizing *(05 12 23 00-0114)*

05 12 23 00-0159	SF	Brush Applied Cold Galvanizing	1.49	

05 12 23 00-0160 Metal Grinding *(05 12 23 00-0114)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0161	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	0.81	

05 12 23 00-0162 Structural Steel For Buildings And Structures *(05 12 23)*

05 12 23 00-0163 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0162)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0164	LF	W14 x 730 A992/A36 Structural Column	1,006.88	58.39
		For High Strength Low Alloy A572-50 Steel, Add	*90.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*201.38*	
05 12 23 00-0165	LF	W14 x 665 A992/A36 Structural Column	918.54	54.42
		For High Strength Low Alloy A572-50 Steel, Add	*82.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*183.71*	
05 12 23 00-0166	LF	W14 x 605 A992/A36 Structural Column	836.90	50.65
		For High Strength Low Alloy A572-50 Steel, Add	*75.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*167.38*	
05 12 23 00-0167	LF	W14 x 550 A992/A36 Structural Column	761.94	47.12
		For High Strength Low Alloy A572-50 Steel, Add	*68.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*152.39*	
05 12 23 00-0168	LF	W14 x 500 A992/A36 Structural Column	698.84	48.56
		For High Strength Low Alloy A572-50 Steel, Add	*62.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*139.77*	
05 12 23 00-0169	LF	W14 x 426 A992/A36 Structural Column	596.44	42.40
		For High Strength Low Alloy A572-50 Steel, Add	*53.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*119.29*	
05 12 23 00-0170	LF	W14 x 342 A992/A36 Structural Column	482.76	36.70
		For High Strength Low Alloy A572-50 Steel, Add	*43.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*96.55*	
05 12 23 00-0171	LF	W14 x 311 A992/A36 Structural Column	435.05	34.27
		For High Strength Low Alloy A572-50 Steel, Add	*39.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*87.01*	
05 12 23 00-0172	LF	W14 x 283 A992/A36 Structural Column	395.11	32.31
		For High Strength Low Alloy A572-50 Steel, Add	*35.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*79.02*	
05 12 23 00-0173	LF	W14 x 257 A992/A36 Structural Column	347.73	30.63
		For High Strength Low Alloy A572-50 Steel, Add	*31.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.55*	
05 12 23 00-0174	LF	W14 x 233 A992/A36 Structural Column	320.07	28.48
		For High Strength Low Alloy A572-50 Steel, Add	*28.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*64.01*	
05 12 23 00-0175	LF	W14 x 211 A992/A36 Structural Column	284.92	26.52
		For High Strength Low Alloy A572-50 Steel, Add	*25.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.98*	
05 12 23 00-0176	LF	W14 x 193 A992/A36 Structural Column	257.94	25.21
		For High Strength Low Alloy A572-50 Steel, Add	*23.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.59*	
05 12 23 00-0177	LF	W14 x 176 A992/A36 Structural Column	232.74	24.10
		For High Strength Low Alloy A572-50 Steel, Add	*20.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0178	LF	W14 x 159 A992/A36 Structural Column	210.72	23.25
		For High Strength Low Alloy A572-50 Steel, Add	*18.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.14*	
05 12 23 00-0179	LF	W14 x 145 A992/A36 Structural Column	203.65	22.50
		For High Strength Low Alloy A572-50 Steel, Add	*18.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.73*	
05 12 23 00-0180	LF	W14 x 132 A992/A36 Structural Column	174.59	21.48
		For High Strength Low Alloy A572-50 Steel, Add	*15.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.92*	
05 12 23 00-0181	LF	W14 x 120 A992/A36 Structural Column	163.86	20.92
		For High Strength Low Alloy A572-50 Steel, Add	*14.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.77*	
05 12 23 00-0182	LF	W14 x 109 A992/A36 Structural Column	146.97	20.08
		For High Strength Low Alloy A572-50 Steel, Add	*13.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.39*	
05 12 23 00-0183	LF	W14 x 99 A992/A36 Structural Column	134.32	19.52
		For High Strength Low Alloy A572-50 Steel, Add	*12.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.86*	
05 12 23 00-0184	LF	W14 x 90 A992/A36 Structural Column	124.98	19.05
		For High Strength Low Alloy A572-50 Steel, Add	*11.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.00*	
05 12 23 00-0185	LF	W14 x 82 A992/A36 Structural Column	115.32	18.50
		For High Strength Low Alloy A572-50 Steel, Add	*10.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.06*	
05 12 23 00-0186	LF	W14 x 74 A992/A36 Structural Column	104.36	18.03
		For High Strength Low Alloy A572-50 Steel, Add	*9.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.87*	
05 12 23 00-0187	LF	W14 x 68 A992/A36 Structural Column	97.66	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*8.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.53*	
05 12 23 00-0188	LF	W14 x 61 A992/A36 Structural Column	89.27	17.28
		For High Strength Low Alloy A572-50 Steel, Add	*8.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.85*	
05 12 23 00-0189	LF	W14 x 53 A992/A36 Structural Column	81.52	16.81
		For High Strength Low Alloy A572-50 Steel, Add	*7.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.30*	
05 12 23 00-0190	LF	W14 x 48 A992/A36 Structural Column	76.53	16.53
		For High Strength Low Alloy A572-50 Steel, Add	*6.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.31*	
05 12 23 00-0191	LF	W14 x 43 A992/A36 Structural Column	69.31	16.25
		For High Strength Low Alloy A572-50 Steel, Add	*6.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.86*	
05 12 23 00-0192	LF	W12 x 336 A992/A36 Structural Column	459.01	26.00
		For High Strength Low Alloy A572-50 Steel, Add	*41.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*91.80*	
05 12 23 00-0193	LF	W12 x 305 A992/A36 Structural Column	418.67	25.49
		For High Strength Low Alloy A572-50 Steel, Add	*37.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*83.73*	
05 12 23 00-0194	LF	W12 x 279 A992/A36 Structural Column	384.97	25.18
		For High Strength Low Alloy A572-50 Steel, Add	*34.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*76.99*	
05 12 23 00-0195	LF	W12 x 252 A992/A36 Structural Column	349.64	24.55
		For High Strength Low Alloy A572-50 Steel, Add	*31.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.93*	
05 12 23 00-0196	LF	W12 x 230 A992/A36 Structural Column	321.02	24.19
		For High Strength Low Alloy A572-50 Steel, Add	*28.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*64.20*	
05 12 23 00-0197	LF	W12 x 210 A992/A36 Structural Column	294.99	23.86
		For High Strength Low Alloy A572-50 Steel, Add	*26.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*59.00*	
05 12 23 00-0198	LF	W12 x 190 A992/A36 Structural Column	271.44	25.78
		For High Strength Low Alloy A572-50 Steel, Add	*24.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*54.29*	
05 12 23 00-0199	LF	W12 x 170 A992/A36 Structural Column	245.59	25.03
		For High Strength Low Alloy A572-50 Steel, Add	*22.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*49.12*	
05 12 23 00-0200	LF	W12 x 152 A992/A36 Structural Column	221.53	23.25
		For High Strength Low Alloy A572-50 Steel, Add	*19.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.31*	
05 12 23 00-0201	LF	W12 x 136 A992/A36 Structural Column	210.71	22.60
		For High Strength Low Alloy A572-50 Steel, Add	*18.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.14*	
05 12 23 00-0202	LF	W12 x 120 A992/A36 Structural Column	160.23	20.73
		For High Strength Low Alloy A572-50 Steel, Add	*14.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.05*	
05 12 23 00-0203	LF	W12 x 106 A992/A36 Structural Column	147.83	20.08
		For High Strength Low Alloy A572-50 Steel, Add	*13.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.57*	
05 12 23 00-0204	LF	W12 x 96 A992/A36 Structural Column	132.53	19.42
		For High Strength Low Alloy A572-50 Steel, Add	*11.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.51*	
05 12 23 00-0205	LF	W12 x 87 A992/A36 Structural Column	122.43	18.77
		For High Strength Low Alloy A572-50 Steel, Add	*11.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.49*	
05 12 23 00-0206	LF	W12 x 79 A992/A36 Structural Column	107.75	18.21
		For High Strength Low Alloy A572-50 Steel, Add	*9.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.55*	
05 12 23 00-0207	LF	W12 x 72 A992/A36 Structural Column	98.83	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*8.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0208	LF	W12 x 65 A992/A36 Structural Column	90.55	17.37
		For High Strength Low Alloy A572-50 Steel, Add	*8.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.11*	
05 12 23 00-0209	LF	W12 x 58 A992/A36 Structural Column	87.69	17.18
		For High Strength Low Alloy A572-50 Steel, Add	*7.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.54*	
05 12 23 00-0210	LF	W12 x 53 A992/A36 Structural Column	81.52	16.81
		For High Strength Low Alloy A572-50 Steel, Add	*7.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.30*	
05 12 23 00-0211	LF	W12 x 50 A992/A36 Structural Column	79.08	16.71
		For High Strength Low Alloy A572-50 Steel, Add	*7.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.82*	
05 12 23 00-0212	LF	W12 x 45 A992/A36 Structural Column	72.06	16.35
		For High Strength Low Alloy A572-50 Steel, Add	*6.49*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.41*	
05 12 23 00-0213	LF	W12 x 40 A992/A36 Structural Column	64.84	15.97
		For High Strength Low Alloy A572-50 Steel, Add	*5.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.97*	
05 12 23 00-0214	LF	W10 x 112 A992/A36 Structural Column	154.52	20.46
		For High Strength Low Alloy A572-50 Steel, Add	*13.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.90*	
05 12 23 00-0215	LF	W10 x 110 A992/A36 Structural Column	139.97	19.61
		For High Strength Low Alloy A572-50 Steel, Add	*12.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.99*	
05 12 23 00-0216	LF	W10 x 88 A992/A36 Structural Column	126.06	18.96
		For High Strength Low Alloy A572-50 Steel, Add	*11.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.21*	
05 12 23 00-0217	LF	W10 x 77 A992/A36 Structural Column	112.35	18.21
		For High Strength Low Alloy A572-50 Steel, Add	*10.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.47*	
05 12 23 00-0218	LF	W10 x 68 A992/A36 Structural Column	101.40	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*9.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.28*	
05 12 23 00-0219	LF	W10 x 60 A992/A36 Structural Column	89.27	17.28
		For High Strength Low Alloy A572-50 Steel, Add	*8.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.85*	
05 12 23 00-0220	LF	W10 x 54 A992/A36 Structural Column	88.66	16.99
		For High Strength Low Alloy A572-50 Steel, Add	*7.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.73*	
05 12 23 00-0221	LF	W10 x 49 A992/A36 Structural Column	78.13	16.71
		For High Strength Low Alloy A572-50 Steel, Add	*7.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.63*	
05 12 23 00-0222	LF	W10 x 45 A992/A36 Structural Column	75.48	16.44
		For High Strength Low Alloy A572-50 Steel, Add	*6.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.10*	
05 12 23 00-0223	LF	W10 x 39 A992/A36 Structural Column	66.00	16.16
		For High Strength Low Alloy A572-50 Steel, Add	*5.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.20*	
05 12 23 00-0224	LF	W10 x 33 A992/A36 Structural Column	57.83	15.69
		For High Strength Low Alloy A572-50 Steel, Add	*5.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.57*	
05 12 23 00-0225	LF	W8 x 67 A992/A36 Structural Column	97.76	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*8.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.55*	
05 12 23 00-0226	LF	W8 x 58 A992/A36 Structural Column	88.01	17.18
		For High Strength Low Alloy A572-50 Steel, Add	*7.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.60*	
05 12 23 00-0227	LF	W8 x 48 A992/A36 Structural Column	78.99	16.71
		For High Strength Low Alloy A572-50 Steel, Add	*7.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.80*	
05 12 23 00-0228	LF	W8 x 40 A992/A36 Structural Column	68.13	16.25
		For High Strength Low Alloy A572-50 Steel, Add	*6.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.63*	
05 12 23 00-0229	LF	W8 x 35 A992/A36 Structural Column	61.76	15.88
		For High Strength Low Alloy A572-50 Steel, Add	*5.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.35*	
05 12 23 00-0230	LF	W8 x 31 A992/A36 Structural Column	56.65	15.69
		For High Strength Low Alloy A572-50 Steel, Add	*5.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.33*	
05 12 23 00-0231	LF	W8 x 28 A992/A36 Structural Column	53.47	15.50
		For High Strength Low Alloy A572-50 Steel, Add	*4.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.69*	
05 12 23 00-0232	LF	W8 x 24 A992/A36 Structural Column	49.65	15.31
		For High Strength Low Alloy A572-50 Steel, Add	*4.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.93*	
05 12 23 00-0233	LF	W8 x 21 A992/A36 Structural Column	47.10	15.22
		For High Strength Low Alloy A572-50 Steel, Add	*4.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.42*	
05 12 23 00-0234	LF	W8 x 18 A992/A36 Structural Column	42.31	14.94
		For High Strength Low Alloy A572-50 Steel, Add	*3.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.46*	
05 12 23 00-0235	LF	W6 x 25 A992/A36 Structural Column	52.00	15.31
		For High Strength Low Alloy A572-50 Steel, Add	*4.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.40*	
05 12 23 00-0236	LF	W6 x 20 A992/A36 Structural Column	44.33	15.03
		For High Strength Low Alloy A572-50 Steel, Add	*3.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.87*	
05 12 23 00-0237	LF	W6 x 15 A992/A36 Structural Column	38.30	14.57
		For High Strength Low Alloy A572-50 Steel, Add	*3.45*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0238	LF	W6 x 12 A992/A36 Structural Column	36.05	14.57
		For High Strength Low Alloy A572-50 Steel, Add	*3.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.21*	
05 12 23 00-0239	LF	W6 x 9 A992/A36 Structural Column	33.17	14.48
		For High Strength Low Alloy A572-50 Steel, Add	*2.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.63*	
05 12 23 00-0240	LF	W5 x 19 A992/A36 Structural Column	43.69	15.03
		For High Strength Low Alloy A572-50 Steel, Add	*3.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.74*	
05 12 23 00-0241	LF	W5 x 16 A992/A36 Structural Column	40.40	14.94
		For High Strength Low Alloy A572-50 Steel, Add	*3.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.08*	
05 12 23 00-0242	LF	W4 x 13 A992/A36 Structural Column	37.96	14.75
		For High Strength Low Alloy A572-50 Steel, Add	*3.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.59*	

05 12 23 00-0243 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0162)*

Note: Includes material delivery and erection.

05 12 23 00-0244	LF	W36 x 300 A992/A36 Structural Beam Or Girder	343.16	63.94
		For High Strength Low Alloy A572-50 Steel, Add	*30.88*	
		For High Strength Low Alloy A588 Steel, Add	*68.63*	
		For Each Additional Top Copes >2, Add	*2.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-109.88*	
		For Skewed Or Sloped Connections, Add	*41.18*	
05 12 23 00-0245	LF	W36 x 280 A992/A36 Structural Beam Or Girder	331.34	70.04
		For High Strength Low Alloy A572-50 Steel, Add	*29.82*	
		For High Strength Low Alloy A588 Steel, Add	*66.27*	
		For Each Additional Top Copes >2, Add	*2.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-104.76*	
		For Skewed Or Sloped Connections, Add	*39.76*	
05 12 23 00-0246	LF	W36 x 260 A992/A36 Structural Beam Or Girder	314.45	69.21
		For High Strength Low Alloy A572-50 Steel, Add	*28.30*	
		For High Strength Low Alloy A588 Steel, Add	*62.89*	
		For Each Additional Top Copes >2, Add	*2.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-98.99*	
		For Skewed Or Sloped Connections, Add	*37.73*	
05 12 23 00-0247	LF	W36 x 240 A992/A36 Structural Beam Or Girder	294.29	61.63
		For High Strength Low Alloy A572-50 Steel, Add	*26.49*	
		For High Strength Low Alloy A588 Steel, Add	*58.86*	
		For Each Additional Top Copes >2, Add	*2.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-93.14*	
		For Skewed Or Sloped Connections, Add	*35.31*	
05 12 23 00-0248	LF	W36 x 230 A992/A36 Structural Beam Or Girder	285.70	62.50
		For High Strength Low Alloy A572-50 Steel, Add	*25.71*	
		For High Strength Low Alloy A588 Steel, Add	*57.14*	
		For Each Additional Top Copes >2, Add	*2.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-90.00*	
		For Skewed Or Sloped Connections, Add	*34.28*	
05 12 23 00-0249	LF	W36 x 210 A992/A36 Structural Beam Or Girder	271.43	66.96
		For High Strength Low Alloy A572-50 Steel, Add	*24.43*	
		For High Strength Low Alloy A588 Steel, Add	*54.29*	
		For Each Additional Top Copes >2, Add	*2.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-84.28*	
		For Skewed Or Sloped Connections, Add	*32.57*	
05 12 23 00-0250	LF	W36 x 194 A992/A36 Structural Beam Or Girder	256.92	59.78
		For High Strength Low Alloy A572-50 Steel, Add	*23.12*	
		For High Strength Low Alloy A588 Steel, Add	*51.38*	
		For Each Additional Top Copes >2, Add	*1.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-80.36*	
		For Skewed Or Sloped Connections, Add	*30.83*	
05 12 23 00-0251	LF	W36 x 182 A992/A36 Structural Beam Or Girder	244.51	59.34
		For High Strength Low Alloy A572-50 Steel, Add	*22.01*	
		For High Strength Low Alloy A588 Steel, Add	*48.90*	
		For Each Additional Top Copes >2, Add	*1.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-76.08*	
		For Skewed Or Sloped Connections, Add	*29.34*	
05 12 23 00-0252	LF	W36 x 170 A992/A36 Structural Beam Or Girder	231.82	58.66
		For High Strength Low Alloy A572-50 Steel, Add	*20.86*	
		For High Strength Low Alloy A588 Steel, Add	*46.36*	
		For Each Additional Top Copes >2, Add	*1.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-71.75*	
		For Skewed Or Sloped Connections, Add	*27.82*	
05 12 23 00-0253	LF	W36 x 160 A992/A36 Structural Beam Or Girder	228.42	64.81
		For High Strength Low Alloy A572-50 Steel, Add	*20.56*	
		For High Strength Low Alloy A588 Steel, Add	*45.68*	
		For Each Additional Top Copes >2, Add	*1.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.58*	
		For Skewed Or Sloped Connections, Add	*27.41*	
05 12 23 00-0254	LF	W36 x 150 A992/A36 Structural Beam Or Girder	219.60	64.35
		For High Strength Low Alloy A572-50 Steel, Add	*19.76*	
		For High Strength Low Alloy A588 Steel, Add	*43.92*	
		For Each Additional Top Copes >2, Add	*1.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.56*	
		For Skewed Or Sloped Connections, Add	*26.35*	
05 12 23 00-0255	LF	W36 x 135 A992/A36 Structural Beam Or Girder	207.28	63.78
		For High Strength Low Alloy A572-50 Steel, Add	*18.66*	
		For High Strength Low Alloy A588 Steel, Add	*41.46*	
		For Each Additional Top Copes >2, Add	*1.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.35*	
		For Skewed Or Sloped Connections, Add	*24.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0256	LF	W33 x 241 A992/A36 Structural Beam Or Girder	298.35	63.57
		For High Strength Low Alloy A572-50 Steel, Add	*26.85*	
		For High Strength Low Alloy A588 Steel, Add	*59.67*	
		For Each Additional Top Copes >2, Add	*2.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-94.25*	
		For Skewed Or Sloped Connections, Add	*35.80*	
05 12 23 00-0257	LF	W33 x 221 A992/A36 Structural Beam Or Girder	277.57	62.01
		For High Strength Low Alloy A572-50 Steel, Add	*24.98*	
		For High Strength Low Alloy A588 Steel, Add	*55.51*	
		For Each Additional Top Copes >2, Add	*2.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.23*	
		For Skewed Or Sloped Connections, Add	*33.31*	
05 12 23 00-0258	LF	W33 x 201 A992/A36 Structural Beam Or Girder	263.26	66.49
		For High Strength Low Alloy A572-50 Steel, Add	*23.69*	
		For High Strength Low Alloy A588 Steel, Add	*52.65*	
		For Each Additional Top Copes >2, Add	*1.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-81.49*	
		For Skewed Or Sloped Connections, Add	*31.59*	
05 12 23 00-0259	LF	W33 x 170 A992/A36 Structural Beam Or Girder	237.88	65.28
		For High Strength Low Alloy A572-50 Steel, Add	*21.41*	
		For High Strength Low Alloy A588 Steel, Add	*47.58*	
		For Each Additional Top Copes >2, Add	*1.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.82*	
		For Skewed Or Sloped Connections, Add	*28.55*	
05 12 23 00-0260	LF	W33 x 152 A992/A36 Structural Beam Or Girder	217.95	58.47
		For High Strength Low Alloy A572-50 Steel, Add	*19.62*	
		For High Strength Low Alloy A588 Steel, Add	*43.59*	
		For Each Additional Top Copes >2, Add	*1.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.93*	
		For Skewed Or Sloped Connections, Add	*26.15*	
05 12 23 00-0261	LF	W33 x 141 A992/A36 Structural Beam Or Girder	212.59	63.97
		For High Strength Low Alloy A572-50 Steel, Add	*19.13*	
		For High Strength Low Alloy A588 Steel, Add	*42.52*	
		For Each Additional Top Copes >2, Add	*1.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.17*	
		For Skewed Or Sloped Connections, Add	*25.51*	
05 12 23 00-0262	LF	W33 x 130 A992/A36 Structural Beam Or Girder	202.62	63.51
		For High Strength Low Alloy A572-50 Steel, Add	*18.24*	
		For High Strength Low Alloy A588 Steel, Add	*40.52*	
		For Each Additional Top Copes >2, Add	*1.35*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.76*	
		For Skewed Or Sloped Connections, Add	*24.31*	
05 12 23 00-0263	LF	W33 x 118 A992/A36 Structural Beam Or Girder	191.01	62.95
		For High Strength Low Alloy A572-50 Steel, Add	*17.19*	
		For High Strength Low Alloy A588 Steel, Add	*38.20*	
		For Each Additional Top Copes >2, Add	*1.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.78*	
		For Skewed Or Sloped Connections, Add	*22.92*	
05 12 23 00-0264	LF	W30 x 211 A992/A36 Structural Beam Or Girder	266.85	61.89
		For High Strength Low Alloy A572-50 Steel, Add	*24.02*	
		For High Strength Low Alloy A588 Steel, Add	*53.37*	
		For Each Additional Top Copes >2, Add	*2.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.49*	
		For Skewed Or Sloped Connections, Add	*32.02*	
05 12 23 00-0265	LF	W30 x 191 A992/A36 Structural Beam Or Girder	252.30	66.02
		For High Strength Low Alloy A572-50 Steel, Add	*22.71*	
		For High Strength Low Alloy A588 Steel, Add	*50.46*	
		For Each Additional Top Copes >2, Add	*1.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-77.73*	
		For Skewed Or Sloped Connections, Add	*30.28*	
05 12 23 00-0266	LF	W30 x 173 A992/A36 Structural Beam Or Girder	232.71	59.07
		For High Strength Low Alloy A572-50 Steel, Add	*20.94*	
		For High Strength Low Alloy A588 Steel, Add	*46.54*	
		For Each Additional Top Copes >2, Add	*1.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.00*	
		For Skewed Or Sloped Connections, Add	*27.93*	
05 12 23 00-0267	LF	W30 x 154 A992/A36 Structural Beam Or Girder	219.80	64.44
		For High Strength Low Alloy A572-50 Steel, Add	*19.78*	
		For High Strength Low Alloy A588 Steel, Add	*43.96*	
		For Each Additional Top Copes >2, Add	*1.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.62*	
		For Skewed Or Sloped Connections, Add	*26.38*	
05 12 23 00-0268	LF	W30 x 132 A992/A36 Structural Beam Or Girder	197.73	56.99
		For High Strength Low Alloy A572-50 Steel, Add	*17.80*	
		For High Strength Low Alloy A588 Steel, Add	*39.55*	
		For Each Additional Top Copes >2, Add	*1.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.09*	
		For Skewed Or Sloped Connections, Add	*23.73*	
05 12 23 00-0269	LF	W30 x 124 A992/A36 Structural Beam Or Girder	189.39	56.96
		For High Strength Low Alloy A572-50 Steel, Add	*17.05*	
		For High Strength Low Alloy A588 Steel, Add	*37.88*	
		For Each Additional Top Copes >2, Add	*1.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.17*	
		For Skewed Or Sloped Connections, Add	*22.73*	
05 12 23 00-0270	LF	W30 x 116 A992/A36 Structural Beam Or Girder	187.40	62.85
		For High Strength Low Alloy A572-50 Steel, Add	*16.87*	
		For High Strength Low Alloy A588 Steel, Add	*37.48*	
		For Each Additional Top Copes >2, Add	*1.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.53*	
		For Skewed Or Sloped Connections, Add	*22.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0271	LF	W30 x 108 A992/A36 Structural Beam Or Girder	172.96	56.59
		For High Strength Low Alloy A572-50 Steel, Add	*15.57*	
		For High Strength Low Alloy A588 Steel, Add	*34.59*	
		For Each Additional Top Copes >2, Add	*1.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.49*	
		For Skewed Or Sloped Connections, Add	*20.76*	
05 12 23 00-0272	LF	W30 x 99 A992/A36 Structural Beam Or Girder	165.83	56.31
		For High Strength Low Alloy A572-50 Steel, Add	*14.92*	
		For High Strength Low Alloy A588 Steel, Add	*33.17*	
		For Each Additional Top Copes >2, Add	*1.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.05*	
		For Skewed Or Sloped Connections, Add	*19.90*	
05 12 23 00-0273	LF	W27 x 178 A992/A36 Structural Beam Or Girder	259.67	69.16
		For High Strength Low Alloy A572-50 Steel, Add	*23.37*	
		For High Strength Low Alloy A588 Steel, Add	*51.93*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.82*	
		For Skewed Or Sloped Connections, Add	*31.16*	
05 12 23 00-0274	LF	W27 x 161 A992/A36 Structural Beam Or Girder	239.13	66.55
		For High Strength Low Alloy A572-50 Steel, Add	*21.52*	
		For High Strength Low Alloy A588 Steel, Add	*47.83*	
		For Each Additional Top Copes >2, Add	*1.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.05*	
		For Skewed Or Sloped Connections, Add	*28.70*	
05 12 23 00-0275	LF	W27 x 146 A992/A36 Structural Beam Or Girder	220.95	64.19
		For High Strength Low Alloy A572-50 Steel, Add	*19.89*	
		For High Strength Low Alloy A588 Steel, Add	*44.19*	
		For Each Additional Top Copes >2, Add	*1.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.06*	
		For Skewed Or Sloped Connections, Add	*26.51*	
05 12 23 00-0276	LF	W27 x 114 A992/A36 Structural Beam Or Girder	175.94	53.32
		For High Strength Low Alloy A572-50 Steel, Add	*15.83*	
		For High Strength Low Alloy A588 Steel, Add	*35.19*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.05*	
		For Skewed Or Sloped Connections, Add	*21.11*	
05 12 23 00-0277	LF	W27 x 102 A992/A36 Structural Beam Or Girder	166.58	56.31
		For High Strength Low Alloy A572-50 Steel, Add	*14.99*	
		For High Strength Low Alloy A588 Steel, Add	*33.32*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.30*	
		For Skewed Or Sloped Connections, Add	*19.99*	
05 12 23 00-0278	LF	W27 x 94 A992/A36 Structural Beam Or Girder	159.88	55.94
		For High Strength Low Alloy A572-50 Steel, Add	*14.39*	
		For High Strength Low Alloy A588 Steel, Add	*31.98*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.01*	
		For Skewed Or Sloped Connections, Add	*19.19*	
05 12 23 00-0279	LF	W27 x 84 A992/A36 Structural Beam Or Girder	151.71	55.57
		For High Strength Low Alloy A572-50 Steel, Add	*13.65*	
		For High Strength Low Alloy A588 Steel, Add	*30.34*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.22*	
		For Skewed Or Sloped Connections, Add	*18.21*	
05 12 23 00-0280	LF	W24 x 162 A992/A36 Structural Beam Or Girder	230.23	63.80
		For High Strength Low Alloy A572-50 Steel, Add	*20.72*	
		For High Strength Low Alloy A588 Steel, Add	*46.05*	
		For Each Additional Top Copes >2, Add	*1.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-70.37*	
		For Skewed Or Sloped Connections, Add	*27.63*	
05 12 23 00-0281	LF	W24 x 146 A992/A36 Structural Beam Or Girder	211.42	61.16
		For High Strength Low Alloy A572-50 Steel, Add	*19.03*	
		For High Strength Low Alloy A588 Steel, Add	*42.28*	
		For Each Additional Top Copes >2, Add	*1.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.21*	
		For Skewed Or Sloped Connections, Add	*25.37*	
05 12 23 00-0282	LF	W24 x 131 A992/A36 Structural Beam Or Girder	193.43	58.39
		For High Strength Low Alloy A572-50 Steel, Add	*17.41*	
		For High Strength Low Alloy A588 Steel, Add	*38.69*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.36*	
		For Skewed Or Sloped Connections, Add	*23.21*	
05 12 23 00-0283	LF	W24 x 117 A992/A36 Structural Beam Or Girder	176.30	55.48
		For High Strength Low Alloy A572-50 Steel, Add	*15.87*	
		For High Strength Low Alloy A588 Steel, Add	*35.26*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.83*	
		For Skewed Or Sloped Connections, Add	*21.16*	
05 12 23 00-0284	LF	W24 x 104 A992/A36 Structural Beam Or Girder	160.07	52.46
		For High Strength Low Alloy A572-50 Steel, Add	*14.41*	
		For High Strength Low Alloy A588 Steel, Add	*32.01*	
		For Each Additional Top Copes >2, Add	*1.04*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.63*	
		For Skewed Or Sloped Connections, Add	*19.21*	
05 12 23 00-0285	LF	W24 x 94 A992/A36 Structural Beam Or Girder	153.78	55.94
		For High Strength Low Alloy A572-50 Steel, Add	*13.84*	
		For High Strength Low Alloy A588 Steel, Add	*30.76*	
		For Each Additional Top Copes >2, Add	*0.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.87*	
		For Skewed Or Sloped Connections, Add	*18.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0286	LF	W24 x 84 A992/A36 Structural Beam Or Girder	139.88	49.59
		For High Strength Low Alloy A572-50 Steel, Add	*12.59*	
		For High Strength Low Alloy A588 Steel, Add	*27.98*	
		For Each Additional Top Copes >2, Add	*0.87*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.02*	
		For Skewed Or Sloped Connections, Add	*16.79*	
05 12 23 00-0287	LF	W24 x 76 A992/A36 Structural Beam Or Girder	133.63	49.22
		For High Strength Low Alloy A572-50 Steel, Add	*12.03*	
		For High Strength Low Alloy A588 Steel, Add	*26.73*	
		For Each Additional Top Copes >2, Add	*0.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.88*	
		For Skewed Or Sloped Connections, Add	*16.04*	
05 12 23 00-0288	LF	W24 x 68 A992/A36 Structural Beam Or Girder	125.75	48.94
		For High Strength Low Alloy A572-50 Steel, Add	*11.32*	
		For High Strength Low Alloy A588 Steel, Add	*25.15*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.18*	
		For Skewed Or Sloped Connections, Add	*15.09*	
05 12 23 00-0289	LF	W24 x 62 A992/A36 Structural Beam Or Girder	121.63	48.66
		For High Strength Low Alloy A572-50 Steel, Add	*10.95*	
		For High Strength Low Alloy A588 Steel, Add	*24.33*	
		For Each Additional Top Copes >2, Add	*0.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.78*	
		For Skewed Or Sloped Connections, Add	*14.60*	
05 12 23 00-0290	LF	W24 x 55 A992/A36 Structural Beam Or Girder	115.98	48.47
		For High Strength Low Alloy A572-50 Steel, Add	*10.44*	
		For High Strength Low Alloy A588 Steel, Add	*23.20*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.85*	
		For Skewed Or Sloped Connections, Add	*13.92*	
05 12 23 00-0291	LF	W21 x 147 A992/A36 Structural Beam Or Girder	200.49	52.47
		For High Strength Low Alloy A572-50 Steel, Add	*18.04*	
		For High Strength Low Alloy A588 Steel, Add	*40.10*	
		For Each Additional Top Copes >2, Add	*1.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.78*	
		For Skewed Or Sloped Connections, Add	*24.06*	
05 12 23 00-0292	LF	W21 x 132 A992/A36 Structural Beam Or Girder	183.24	50.13
		For High Strength Low Alloy A572-50 Steel, Add	*16.49*	
		For High Strength Low Alloy A588 Steel, Add	*36.65*	
		For Each Additional Top Copes >2, Add	*1.30*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.11*	
		For Skewed Or Sloped Connections, Add	*21.99*	
05 12 23 00-0293	LF	W21 x 122 A992/A36 Structural Beam Or Girder	172.51	49.29
		For High Strength Low Alloy A572-50 Steel, Add	*15.53*	
		For High Strength Low Alloy A588 Steel, Add	*34.50*	
		For Each Additional Top Copes >2, Add	*1.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.49*	
		For Skewed Or Sloped Connections, Add	*20.70*	
05 12 23 00-0294	LF	W21 x 111 A992/A36 Structural Beam Or Girder	160.02	47.71
		For High Strength Low Alloy A572-50 Steel, Add	*14.40*	
		For High Strength Low Alloy A588 Steel, Add	*32.00*	
		For Each Additional Top Copes >2, Add	*1.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.37*	
		For Skewed Or Sloped Connections, Add	*19.20*	
05 12 23 00-0295	LF	W21 x 101 A992/A36 Structural Beam Or Girder	148.56	46.18
		For High Strength Low Alloy A572-50 Steel, Add	*13.37*	
		For High Strength Low Alloy A588 Steel, Add	*29.71*	
		For Each Additional Top Copes >2, Add	*0.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.61*	
		For Skewed Or Sloped Connections, Add	*17.83*	
05 12 23 00-0296	LF	W21 x 93 A992/A36 Structural Beam Or Girder	144.94	50.15
		For High Strength Low Alloy A572-50 Steel, Add	*13.04*	
		For High Strength Low Alloy A588 Steel, Add	*28.99*	
		For Each Additional Top Copes >2, Add	*0.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.70*	
		For Skewed Or Sloped Connections, Add	*17.39*	
05 12 23 00-0297	LF	W21 x 83 A992/A36 Structural Beam Or Girder	137.53	49.59
		For High Strength Low Alloy A572-50 Steel, Add	*12.38*	
		For High Strength Low Alloy A588 Steel, Add	*27.51*	
		For Each Additional Top Copes >2, Add	*0.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.19*	
		For Skewed Or Sloped Connections, Add	*16.50*	
05 12 23 00-0298	LF	W21 x 73 A992/A36 Structural Beam Or Girder	128.49	49.22
		For High Strength Low Alloy A572-50 Steel, Add	*11.56*	
		For High Strength Low Alloy A588 Steel, Add	*25.70*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.10*	
		For Skewed Or Sloped Connections, Add	*15.42*	
05 12 23 00-0299	LF	W21 x 68 A992/A36 Structural Beam Or Girder	123.93	48.94
		For High Strength Low Alloy A572-50 Steel, Add	*11.15*	
		For High Strength Low Alloy A588 Steel, Add	*24.79*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.55*	
		For Skewed Or Sloped Connections, Add	*14.87*	
05 12 23 00-0300	LF	W21 x 62 A992/A36 Structural Beam Or Girder	119.81	48.66
		For High Strength Low Alloy A572-50 Steel, Add	*10.78*	
		For High Strength Low Alloy A588 Steel, Add	*23.96*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.14*	
		For Skewed Or Sloped Connections, Add	*14.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0301	LF	W21 x 57 A992/A36 Structural Beam Or Girder	116.08	48.56
		For High Strength Low Alloy A572-50 Steel, Add	*10.45*	
		For High Strength Low Alloy A588 Steel, Add	*23.22*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.87*	
		For Skewed Or Sloped Connections, Add	*13.93*	
05 12 23 00-0302	LF	W21 x 50 A992/A36 Structural Beam Or Girder	102.72	42.11
		For High Strength Low Alloy A572-50 Steel, Add	*9.24*	
		For High Strength Low Alloy A588 Steel, Add	*20.54*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.20*	
		For Skewed Or Sloped Connections, Add	*12.33*	
05 12 23 00-0303	LF	W21 x 44 A992/A36 Structural Beam Or Girder	98.37	41.94
		For High Strength Low Alloy A572-50 Steel, Add	*8.85*	
		For High Strength Low Alloy A588 Steel, Add	*19.67*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.72*	
		For Skewed Or Sloped Connections, Add	*11.80*	
05 12 23 00-0304	LF	W18 x 119 A992/A36 Structural Beam Or Girder	168.11	49.11
		For High Strength Low Alloy A572-50 Steel, Add	*15.13*	
		For High Strength Low Alloy A588 Steel, Add	*33.62*	
		For Each Additional Top Copes >2, Add	*1.16*	
		For Structural Tees, WT, MT Or ST, Deduct	*-50.98*	
		For Skewed Or Sloped Connections, Add	*20.17*	
05 12 23 00-0305	LF	W18 x 106 A992/A36 Structural Beam Or Girder	152.72	46.55
		For High Strength Low Alloy A572-50 Steel, Add	*13.74*	
		For High Strength Low Alloy A588 Steel, Add	*30.54*	
		For Each Additional Top Copes >2, Add	*1.03*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.00*	
		For Skewed Or Sloped Connections, Add	*18.33*	
05 12 23 00-0306	LF	W18 x 97 A992/A36 Structural Beam Or Girder	147.93	50.15
		For High Strength Low Alloy A572-50 Steel, Add	*13.31*	
		For High Strength Low Alloy A588 Steel, Add	*29.59*	
		For Each Additional Top Copes >2, Add	*0.94*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.73*	
		For Skewed Or Sloped Connections, Add	*17.75*	
05 12 23 00-0307	LF	W18 x 86 A992/A36 Structural Beam Or Girder	139.45	49.69
		For High Strength Low Alloy A572-50 Steel, Add	*12.55*	
		For High Strength Low Alloy A588 Steel, Add	*27.89*	
		For Each Additional Top Copes >2, Add	*0.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.85*	
		For Skewed Or Sloped Connections, Add	*16.73*	
05 12 23 00-0308	LF	W18 x 76 A992/A36 Structural Beam Or Girder	131.81	49.22
		For High Strength Low Alloy A572-50 Steel, Add	*11.86*	
		For High Strength Low Alloy A588 Steel, Add	*26.36*	
		For Each Additional Top Copes >2, Add	*0.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.25*	
		For Skewed Or Sloped Connections, Add	*15.82*	
05 12 23 00-0309	LF	W18 x 71 A992/A36 Structural Beam Or Girder	126.26	49.12
		For High Strength Low Alloy A572-50 Steel, Add	*11.36*	
		For High Strength Low Alloy A588 Steel, Add	*25.25*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.33*	
		For Skewed Or Sloped Connections, Add	*15.15*	
05 12 23 00-0310	LF	W18 x 65 A992/A36 Structural Beam Or Girder	120.84	48.94
		For High Strength Low Alloy A572-50 Steel, Add	*10.88*	
		For High Strength Low Alloy A588 Steel, Add	*24.17*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.48*	
		For Skewed Or Sloped Connections, Add	*14.50*	
05 12 23 00-0311	LF	W18 x 60 A992/A36 Structural Beam Or Girder	115.96	48.56
		For High Strength Low Alloy A572-50 Steel, Add	*10.44*	
		For High Strength Low Alloy A588 Steel, Add	*23.19*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.81*	
		For Skewed Or Sloped Connections, Add	*13.92*	
05 12 23 00-0312	LF	W18 x 55 A992/A36 Structural Beam Or Girder	111.06	48.47
		For High Strength Low Alloy A572-50 Steel, Add	*10.00*	
		For High Strength Low Alloy A588 Steel, Add	*22.21*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.13*	
		For Skewed Or Sloped Connections, Add	*13.33*	
05 12 23 00-0313	LF	W18 x 50 A992/A36 Structural Beam Or Girder	99.72	42.11
		For High Strength Low Alloy A572-50 Steel, Add	*8.97*	
		For High Strength Low Alloy A588 Steel, Add	*19.94*	
		For Each Additional Top Copes >2, Add	*0.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.15*	
		For Skewed Or Sloped Connections, Add	*11.97*	
05 12 23 00-0314	LF	W18 x 46 A992/A36 Structural Beam Or Girder	95.90	42.02
		For High Strength Low Alloy A572-50 Steel, Add	*8.63*	
		For High Strength Low Alloy A588 Steel, Add	*19.18*	
		For Each Additional Top Copes >2, Add	*0.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.84*	
		For Skewed Or Sloped Connections, Add	*11.51*	
05 12 23 00-0315	LF	W18 x 40 A992/A36 Structural Beam Or Girder	83.68	35.87
		For High Strength Low Alloy A572-50 Steel, Add	*7.53*	
		For High Strength Low Alloy A588 Steel, Add	*16.74*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.54*	
		For Skewed Or Sloped Connections, Add	*10.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0316	LF	W18 x 35 A992/A36 Structural Beam Or Girder	78.89	35.77
		For High Strength Low Alloy A572-50 Steel, Add	*7.10*	
		For High Strength Low Alloy A588 Steel, Add	*15.78*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.90*	
		For Skewed Or Sloped Connections, Add	*9.47*	
05 12 23 00-0317	LF	W16 x 100 A992/A36 Structural Beam Or Girder	136.13	32.59
		For High Strength Low Alloy A572-50 Steel, Add	*12.25*	
		For High Strength Low Alloy A588 Steel, Add	*27.23*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.43*	
		For Skewed Or Sloped Connections, Add	*16.34*	
05 12 23 00-0318	LF	W16 x 89 A992/A36 Structural Beam Or Girder	125.29	32.04
		For High Strength Low Alloy A572-50 Steel, Add	*11.28*	
		For High Strength Low Alloy A588 Steel, Add	*25.06*	
		For Each Additional Top Copes >2, Add	*0.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.72*	
		For Skewed Or Sloped Connections, Add	*15.03*	
05 12 23 00-0319	LF	W16 x 77 A992/A36 Structural Beam Or Girder	113.70	31.66
		For High Strength Low Alloy A572-50 Steel, Add	*10.23*	
		For High Strength Low Alloy A588 Steel, Add	*22.74*	
		For Each Additional Top Copes >2, Add	*0.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.74*	
		For Skewed Or Sloped Connections, Add	*13.64*	
05 12 23 00-0320	LF	W16 x 67 A992/A36 Structural Beam Or Girder	103.80	31.19
		For High Strength Low Alloy A572-50 Steel, Add	*9.34*	
		For High Strength Low Alloy A588 Steel, Add	*20.76*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.34*	
		For Skewed Or Sloped Connections, Add	*12.46*	
05 12 23 00-0321	LF	W16 x 57 A992/A36 Structural Beam Or Girder	94.02	30.72
		For High Strength Low Alloy A572-50 Steel, Add	*8.46*	
		For High Strength Low Alloy A588 Steel, Add	*18.80*	
		For Each Additional Top Copes >2, Add	*0.61*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.99*	
		For Skewed Or Sloped Connections, Add	*11.28*	
05 12 23 00-0322	LF	W16 x 50 A992/A36 Structural Beam Or Girder	87.21	30.44
		For High Strength Low Alloy A572-50 Steel, Add	*7.85*	
		For High Strength Low Alloy A588 Steel, Add	*17.44*	
		For Each Additional Top Copes >2, Add	*0.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.65*	
		For Skewed Or Sloped Connections, Add	*10.47*	
05 12 23 00-0323	LF	W16 x 45 A992/A36 Structural Beam Or Girder	82.41	30.26
		For High Strength Low Alloy A572-50 Steel, Add	*7.42*	
		For High Strength Low Alloy A588 Steel, Add	*16.48*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.00*	
		For Skewed Or Sloped Connections, Add	*9.89*	
05 12 23 00-0324	LF	W16 x 40 A992/A36 Structural Beam Or Girder	77.43	29.98
		For High Strength Low Alloy A572-50 Steel, Add	*6.97*	
		For High Strength Low Alloy A588 Steel, Add	*15.49*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.29*	
		For Skewed Or Sloped Connections, Add	*9.29*	
05 12 23 00-0325	LF	W16 x 36 A992/A36 Structural Beam Or Girder	73.51	29.79
		For High Strength Low Alloy A572-50 Steel, Add	*6.62*	
		For High Strength Low Alloy A588 Steel, Add	*14.70*	
		For Each Additional Top Copes >2, Add	*0.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.96*	
		For Skewed Or Sloped Connections, Add	*8.82*	
05 12 23 00-0326	LF	W16 x 31 A992/A36 Structural Beam Or Girder	62.35	23.72
		For High Strength Low Alloy A572-50 Steel, Add	*5.61*	
		For High Strength Low Alloy A588 Steel, Add	*12.47*	
		For Each Additional Top Copes >2, Add	*0.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.03*	
		For Skewed Or Sloped Connections, Add	*7.48*	
05 12 23 00-0327	LF	W16 x 26 A992/A36 Structural Beam Or Girder	56.09	23.44
		For High Strength Low Alloy A572-50 Steel, Add	*5.05*	
		For High Strength Low Alloy A588 Steel, Add	*11.22*	
		For Each Additional Top Copes >2, Add	*0.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.88*	
		For Skewed Or Sloped Connections, Add	*6.73*	
05 12 23 00-0328	LF	W14 x 99 A992/A36 Structural Beam Or Girder	128.90	26.71
		For High Strength Low Alloy A572-50 Steel, Add	*11.60*	
		For High Strength Low Alloy A588 Steel, Add	*25.78*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.84*	
		For Skewed Or Sloped Connections, Add	*15.47*	
05 12 23 00-0329	LF	W14 x 90 A992/A36 Structural Beam Or Girder	120.08	26.25
		For High Strength Low Alloy A572-50 Steel, Add	*10.81*	
		For High Strength Low Alloy A588 Steel, Add	*24.02*	
		For Each Additional Top Copes >2, Add	*0.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.83*	
		For Skewed Or Sloped Connections, Add	*14.41*	
05 12 23 00-0330	LF	W14 x 82 A992/A36 Structural Beam Or Girder	112.23	25.97
		For High Strength Low Alloy A572-50 Steel, Add	*10.10*	
		For High Strength Low Alloy A588 Steel, Add	*22.45*	
		For Each Additional Top Copes >2, Add	*0.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.13*	
		For Skewed Or Sloped Connections, Add	*13.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0331	LF	W14 x 74 A992/A36 Structural Beam Or Girder	104.36	25.59
		For High Strength Low Alloy A572-50 Steel, Add	*9.39*	
		For High Strength Low Alloy A588 Steel, Add	*20.87*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.43*	
		For Skewed Or Sloped Connections, Add	*12.52*	
05 12 23 00-0332	LF	W14 x 68 A992/A36 Structural Beam Or Girder	98.51	25.31
		For High Strength Low Alloy A572-50 Steel, Add	*8.87*	
		For High Strength Low Alloy A588 Steel, Add	*19.70*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.43*	
		For Skewed Or Sloped Connections, Add	*11.82*	
05 12 23 00-0333	LF	W14 x 61 A992/A36 Structural Beam Or Girder	91.70	25.03
		For High Strength Low Alloy A572-50 Steel, Add	*8.25*	
		For High Strength Low Alloy A588 Steel, Add	*18.34*	
		For Each Additional Top Copes >2, Add	*0.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.09*	
		For Skewed Or Sloped Connections, Add	*11.00*	
05 12 23 00-0334	LF	W14 x 53 A992/A36 Structural Beam Or Girder	83.94	24.65
		For High Strength Low Alloy A572-50 Steel, Add	*7.55*	
		For High Strength Low Alloy A588 Steel, Add	*16.79*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.43*	
		For Skewed Or Sloped Connections, Add	*10.07*	
05 12 23 00-0335	LF	W14 x 48 A992/A36 Structural Beam Or Girder	78.95	24.38
		For High Strength Low Alloy A572-50 Steel, Add	*7.11*	
		For High Strength Low Alloy A588 Steel, Add	*15.79*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.72*	
		For Skewed Or Sloped Connections, Add	*9.47*	
05 12 23 00-0336	LF	W14 x 43 A992/A36 Structural Beam Or Girder	74.05	24.29
		For High Strength Low Alloy A572-50 Steel, Add	*6.66*	
		For High Strength Low Alloy A588 Steel, Add	*14.81*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.04*	
		For Skewed Or Sloped Connections, Add	*8.89*	
05 12 23 00-0337	LF	W14 x 38 A992/A36 Structural Beam Or Girder	69.16	24.10
		For High Strength Low Alloy A572-50 Steel, Add	*6.22*	
		For High Strength Low Alloy A588 Steel, Add	*13.83*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.37*	
		For Skewed Or Sloped Connections, Add	*8.30*	
05 12 23 00-0338	LF	W14 x 34 A992/A36 Structural Beam Or Girder	65.23	23.82
		For High Strength Low Alloy A572-50 Steel, Add	*5.87*	
		For High Strength Low Alloy A588 Steel, Add	*13.05*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.02*	
		For Skewed Or Sloped Connections, Add	*7.83*	
05 12 23 00-0339	LF	W14 x 30 A992/A36 Structural Beam Or Girder	61.29	23.72
		For High Strength Low Alloy A572-50 Steel, Add	*5.52*	
		For High Strength Low Alloy A588 Steel, Add	*12.26*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.67*	
		For Skewed Or Sloped Connections, Add	*7.35*	
05 12 23 00-0340	LF	W14 x 26 A992/A36 Structural Beam Or Girder	57.36	23.44
		For High Strength Low Alloy A572-50 Steel, Add	*5.16*	
		For High Strength Low Alloy A588 Steel, Add	*11.47*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.32*	
		For Skewed Or Sloped Connections, Add	*6.88*	
05 12 23 00-0341	LF	W14 x 22 A992/A36 Structural Beam Or Girder	53.53	23.35
		For High Strength Low Alloy A572-50 Steel, Add	*4.82*	
		For High Strength Low Alloy A588 Steel, Add	*10.71*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.01*	
		For Skewed Or Sloped Connections, Add	*6.42*	
05 12 23 00-0342	LF	W12 x 87 A992/A36 Structural Beam Or Girder	117.22	26.15
		For High Strength Low Alloy A572-50 Steel, Add	*10.55*	
		For High Strength Low Alloy A588 Steel, Add	*23.44*	
		For Each Additional Top Copes >2, Add	*0.89*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.84*	
		For Skewed Or Sloped Connections, Add	*14.07*	
05 12 23 00-0343	LF	W12 x 79 A992/A36 Structural Beam Or Girder	109.35	25.78
		For High Strength Low Alloy A572-50 Steel, Add	*9.84*	
		For High Strength Low Alloy A588 Steel, Add	*21.87*	
		For Each Additional Top Copes >2, Add	*0.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.14*	
		For Skewed Or Sloped Connections, Add	*13.12*	
05 12 23 00-0344	LF	W12 x 72 A992/A36 Structural Beam Or Girder	102.44	25.50
		For High Strength Low Alloy A572-50 Steel, Add	*9.22*	
		For High Strength Low Alloy A588 Steel, Add	*20.49*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.78*	
		For Skewed Or Sloped Connections, Add	*12.29*	
05 12 23 00-0345	LF	W12 x 65 A992/A36 Structural Beam Or Girder	95.62	25.21
		For High Strength Low Alloy A572-50 Steel, Add	*8.61*	
		For High Strength Low Alloy A588 Steel, Add	*19.12*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.43*	
		For Skewed Or Sloped Connections, Add	*11.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346	LF	W12 x 58 A992/A36 Structural Beam Or Girder	88.72	24.84
		For High Strength Low Alloy A572-50 Steel, Add	*7.98*	
		For High Strength Low Alloy A588 Steel, Add	*17.74*	
		For Each Additional Top Copes >2, Add	*0.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.07*	
		For Skewed Or Sloped Connections, Add	*10.65*	
05 12 23 00-0347	LF	W12 x 53 A992/A36 Structural Beam Or Girder	83.94	24.65
		For High Strength Low Alloy A572-50 Steel, Add	*7.55*	
		For High Strength Low Alloy A588 Steel, Add	*16.79*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.43*	
		For Skewed Or Sloped Connections, Add	*10.07*	
05 12 23 00-0348	LF	W12 x 50 A992/A36 Structural Beam Or Girder	80.86	24.56
		For High Strength Low Alloy A572-50 Steel, Add	*7.28*	
		For High Strength Low Alloy A588 Steel, Add	*16.17*	
		For Each Additional Top Copes >2, Add	*0.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.38*	
		For Skewed Or Sloped Connections, Add	*9.70*	
05 12 23 00-0349	LF	W12 x 45 A992/A36 Structural Beam Or Girder	76.07	24.38
		For High Strength Low Alloy A572-50 Steel, Add	*6.85*	
		For High Strength Low Alloy A588 Steel, Add	*15.21*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.73*	
		For Skewed Or Sloped Connections, Add	*9.13*	
05 12 23 00-0350	LF	W12 x 40 A992/A36 Structural Beam Or Girder	64.72	18.12
		For High Strength Low Alloy A572-50 Steel, Add	*5.82*	
		For High Strength Low Alloy A588 Steel, Add	*12.94*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.75*	
		For Skewed Or Sloped Connections, Add	*7.77*	
05 12 23 00-0351	LF	W12 x 35 A992/A36 Structural Beam Or Girder	59.93	18.03
		For High Strength Low Alloy A572-50 Steel, Add	*5.39*	
		For High Strength Low Alloy A588 Steel, Add	*11.99*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.10*	
		For Skewed Or Sloped Connections, Add	*7.19*	
05 12 23 00-0352	LF	W12 x 30 A992/A36 Structural Beam Or Girder	54.94	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*4.94*	
		For High Strength Low Alloy A588 Steel, Add	*10.99*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.40*	
		For Skewed Or Sloped Connections, Add	*6.59*	
05 12 23 00-0353	LF	W12 x 26 A992/A36 Structural Beam Or Girder	51.00	17.56
		For High Strength Low Alloy A572-50 Steel, Add	*4.59*	
		For High Strength Low Alloy A588 Steel, Add	*10.20*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.05*	
		For Skewed Or Sloped Connections, Add	*6.12*	
05 12 23 00-0354	LF	W12 x 22 A992/A36 Structural Beam Or Girder	47.19	17.37
		For High Strength Low Alloy A572-50 Steel, Add	*4.25*	
		For High Strength Low Alloy A588 Steel, Add	*9.44*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.74*	
		For Skewed Or Sloped Connections, Add	*5.66*	
05 12 23 00-0355	LF	W12 x 19 A992/A36 Structural Beam Or Girder	44.20	17.28
		For High Strength Low Alloy A572-50 Steel, Add	*3.98*	
		For High Strength Low Alloy A588 Steel, Add	*8.84*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.71*	
		For Skewed Or Sloped Connections, Add	*5.30*	
05 12 23 00-0356	LF	W12 x 16 A992/A36 Structural Beam Or Girder	41.23	16.99
		For High Strength Low Alloy A572-50 Steel, Add	*3.71*	
		For High Strength Low Alloy A588 Steel, Add	*8.25*	
		For Each Additional Top Copes >2, Add	*0.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.70*	
		For Skewed Or Sloped Connections, Add	*4.95*	
05 12 23 00-0357	LF	W12 x 14 A992/A36 Structural Beam Or Girder	39.32	16.99
		For High Strength Low Alloy A572-50 Steel, Add	*3.54*	
		For High Strength Low Alloy A588 Steel, Add	*7.86*	
		For Each Additional Top Copes >2, Add	*0.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.04*	
		For Skewed Or Sloped Connections, Add	*4.72*	
05 12 23 00-0358	LF	W10 x 68 A992/A36 Structural Beam Or Girder	92.46	19.52
		For High Strength Low Alloy A572-50 Steel, Add	*8.32*	
		For High Strength Low Alloy A588 Steel, Add	*18.49*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.25*	
		For Skewed Or Sloped Connections, Add	*11.10*	
05 12 23 00-0359	LF	W10 x 60 A992/A36 Structural Beam Or Girder	84.70	19.14
		For High Strength Low Alloy A572-50 Steel, Add	*7.62*	
		For High Strength Low Alloy A588 Steel, Add	*16.94*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.59*	
		For Skewed Or Sloped Connections, Add	*10.16*	
05 12 23 00-0360	LF	W10 x 54 A992/A36 Structural Beam Or Girder	78.75	18.77
		For High Strength Low Alloy A572-50 Steel, Add	*7.09*	
		For High Strength Low Alloy A588 Steel, Add	*15.75*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.55*	
		For Skewed Or Sloped Connections, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0361	LF	W10 x 49 A992/A36 Structural Beam Or Girder	73.87	18.58
		For High Strength Low Alloy A572-50 Steel, Add	*6.65*	
		For High Strength Low Alloy A588 Steel, Add	*14.77*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.88*	
		For Skewed Or Sloped Connections, Add	*8.86*	
05 12 23 00-0362	LF	W10 x 45 A992/A36 Structural Beam Or Girder	69.93	18.50
		For High Strength Low Alloy A572-50 Steel, Add	*6.29*	
		For High Strength Low Alloy A588 Steel, Add	*13.99*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.53*	
		For Skewed Or Sloped Connections, Add	*8.39*	
05 12 23 00-0363	LF	W10 x 39 A992/A36 Structural Beam Or Girder	64.08	18.12
		For High Strength Low Alloy A572-50 Steel, Add	*5.77*	
		For High Strength Low Alloy A588 Steel, Add	*12.82*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.53*	
		For Skewed Or Sloped Connections, Add	*7.69*	
05 12 23 00-0364	LF	W10 x 33 A992/A36 Structural Beam Or Girder	58.23	17.84
		For High Strength Low Alloy A572-50 Steel, Add	*5.24*	
		For High Strength Low Alloy A588 Steel, Add	*11.65*	
		For Each Additional Top Copes >2, Add	*0.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.52*	
		For Skewed Or Sloped Connections, Add	*6.99*	
05 12 23 00-0365	LF	W10 x 30 A992/A36 Structural Beam Or Girder	55.25	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*4.97*	
		For High Strength Low Alloy A588 Steel, Add	*11.05*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.49*	
		For Skewed Or Sloped Connections, Add	*6.63*	
05 12 23 00-0366	LF	W10 x 26 A992/A36 Structural Beam Or Girder	51.42	17.65
		For High Strength Low Alloy A572-50 Steel, Add	*4.63*	
		For High Strength Low Alloy A588 Steel, Add	*10.28*	
		For Each Additional Top Copes >2, Add	*0.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.18*	
		For Skewed Or Sloped Connections, Add	*6.17*	
05 12 23 00-0367	LF	W10 x 22 A992/A36 Structural Beam Or Girder	47.41	17.37
		For High Strength Low Alloy A572-50 Steel, Add	*4.27*	
		For High Strength Low Alloy A588 Steel, Add	*9.48*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.82*	
		For Skewed Or Sloped Connections, Add	*5.69*	
05 12 23 00-0368	LF	W10 x 19 A992/A36 Structural Beam Or Girder	44.52	17.28
		For High Strength Low Alloy A572-50 Steel, Add	*4.01*	
		For High Strength Low Alloy A588 Steel, Add	*8.90*	
		For Each Additional Top Copes >2, Add	*0.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.82*	
		For Skewed Or Sloped Connections, Add	*5.34*	
05 12 23 00-0369	LF	W10 x 17 A992/A36 Structural Beam Or Girder	42.51	17.18
		For High Strength Low Alloy A572-50 Steel, Add	*3.83*	
		For High Strength Low Alloy A588 Steel, Add	*8.50*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.13*	
		For Skewed Or Sloped Connections, Add	*5.10*	
05 12 23 00-0370	LF	W10 x 15 A992/A36 Structural Beam Or Girder	40.59	16.99
		For High Strength Low Alloy A572-50 Steel, Add	*3.65*	
		For High Strength Low Alloy A588 Steel, Add	*8.12*	
		For Each Additional Top Copes >2, Add	*0.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.48*	
		For Skewed Or Sloped Connections, Add	*4.87*	
05 12 23 00-0371	LF	W10 x 12 A992/A36 Structural Beam Or Girder	37.71	16.99
		For High Strength Low Alloy A572-50 Steel, Add	*3.39*	
		For High Strength Low Alloy A588 Steel, Add	*7.54*	
		For Each Additional Top Copes >2, Add	*0.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.48*	
		For Skewed Or Sloped Connections, Add	*4.53*	
05 12 23 00-0372	LF	W8 x 35 A992/A36 Structural Beam Or Girder	60.14	18.03
		For High Strength Low Alloy A572-50 Steel, Add	*5.41*	
		For High Strength Low Alloy A588 Steel, Add	*12.03*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.18*	
		For Skewed Or Sloped Connections, Add	*7.22*	
05 12 23 00-0373	LF	W8 x 31 A992/A36 Structural Beam Or Girder	56.22	17.75
		For High Strength Low Alloy A572-50 Steel, Add	*5.06*	
		For High Strength Low Alloy A588 Steel, Add	*11.24*	
		For Each Additional Top Copes >2, Add	*0.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.83*	
		For Skewed Or Sloped Connections, Add	*6.75*	
05 12 23 00-0374	LF	W8 x 28 A992/A36 Structural Beam Or Girder	52.31	16.71
		For High Strength Low Alloy A572-50 Steel, Add	*4.71*	
		For High Strength Low Alloy A588 Steel, Add	*10.46*	
		For Each Additional Top Copes >2, Add	*0.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.63*	
		For Skewed Or Sloped Connections, Add	*6.28*	
05 12 23 00-0375	LF	W8 x 24 A992/A36 Structural Beam Or Girder	47.77	15.69
		For High Strength Low Alloy A572-50 Steel, Add	*4.30*	
		For High Strength Low Alloy A588 Steel, Add	*9.55*	
		For Each Additional Top Copes >2, Add	*0.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.21*	
		For Skewed Or Sloped Connections, Add	*5.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0376	LF	W8 x 21 A992/A36 Structural Beam Or Girder	44.47	14.57
		For High Strength Low Alloy A572-50 Steel, Add	*4.00*	
		For High Strength Low Alloy A588 Steel, Add	*8.89*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.22*	
		For Skewed Or Sloped Connections, Add	*5.34*	
05 12 23 00-0377	LF	W8 x 18 A992/A36 Structural Beam Or Girder	39.06	13.54
		For High Strength Low Alloy A572-50 Steel, Add	*3.52*	
		For High Strength Low Alloy A588 Steel, Add	*7.81*	
		For Each Additional Top Copes >2, Add	*0.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.50*	
		For Skewed Or Sloped Connections, Add	*4.69*	
05 12 23 00-0378	LF	W8 x 10 A992/A36 Structural Beam Or Girder	23.41	9.71
		For High Strength Low Alloy A572-50 Steel, Add	*2.11*	
		For High Strength Low Alloy A588 Steel, Add	*4.68*	
		For Each Additional Top Copes >2, Add	*0.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-6.65*	
		For Skewed Or Sloped Connections, Add	*2.81*	
05 12 23 00-0379	LF	W6 x 9 A992/A36 Structural Beam Or Girder	21.36	7.94
		For High Strength Low Alloy A572-50 Steel, Add	*1.92*	
		For High Strength Low Alloy A588 Steel, Add	*4.27*	
		For Each Additional Top Copes >2, Add	*0.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-6.21*	
		For Skewed Or Sloped Connections, Add	*2.56*	

05 12 23 00-0380 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0162)*

Note: Includes material delivery and erection.

05 12 23 00-0381	LF	M14 x 18 A992/A36 Structural Steel	43.60	12.95
		For High Strength Low Alloy A572-50 Steel, Add	*3.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.72*	
05 12 23 00-0382	LF	M12 x 11.8 A992/A36 Structural Steel	31.74	11.45
		For High Strength Low Alloy A572-50 Steel, Add	*2.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.35*	
05 12 23 00-0383	LF	M10 x 9 A992/A36 Structural Steel	24.69	9.19
		For High Strength Low Alloy A572-50 Steel, Add	*2.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*4.94*	
05 12 23 00-0384	LF	M8 x 6.5 A992/A36 Structural Steel	17.84	6.63
		For High Strength Low Alloy A572-50 Steel, Add	*1.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.57*	
05 12 23 00-0385	LF	M6 x 20 A992/A36 Structural Steel	49.00	15.03
		For High Strength Low Alloy A572-50 Steel, Add	*4.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.80*	
05 12 23 00-0386	LF	M6 x 4.4 A992/A36 Structural Steel	12.06	4.49
		For High Strength Low Alloy A572-50 Steel, Add	*1.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*2.41*	
05 12 23 00-0387	LF	M5 x 18.9 A992/A36 Structural Steel	47.31	15.03
		For High Strength Low Alloy A572-50 Steel, Add	*4.26*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.46*	
05 12 23 00-0388	LF	M4 x 13 A992/A36 Structural Steel	39.24	14.75
		For High Strength Low Alloy A572-50 Steel, Add	*3.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.85*	

05 12 23 00-0389 A992/A36 Structural Steel, S Shapes *(05 12 23 00-0162)*

Note: Includes material delivery and erection.

05 12 23 00-0390	LF	S24 x 121 A992/A36 Structural Steel	259.67	65.54
		For High Strength Low Alloy A572-50 Steel, Add	*23.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.93*	
05 12 23 00-0391	LF	S24 x 106 A992/A36 Structural Steel	230.72	60.44
		For High Strength Low Alloy A572-50 Steel, Add	*20.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.14*	
05 12 23 00-0392	LF	S24 x 100 A992/A36 Structural Steel	220.85	60.02
		For High Strength Low Alloy A572-50 Steel, Add	*19.88*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.17*	
05 12 23 00-0393	LF	S24 x 90 A992/A36 Structural Steel	201.80	56.87
		For High Strength Low Alloy A572-50 Steel, Add	*18.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.36*	
05 12 23 00-0394	LF	S24 x 80 A992/A36 Structural Steel	182.20	53.21
		For High Strength Low Alloy A572-50 Steel, Add	*16.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.44*	
05 12 23 00-0395	LF	S20 x 96 A992/A36 Structural Steel	212.02	57.62
		For High Strength Low Alloy A572-50 Steel, Add	*19.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.40*	
05 12 23 00-0396	LF	S20 x 86 A992/A36 Structural Steel	192.83	54.34
		For High Strength Low Alloy A572-50 Steel, Add	*17.35*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.57*	
05 12 23 00-0397	LF	S20 x 75 A992/A36 Structural Steel	170.81	49.88
		For High Strength Low Alloy A572-50 Steel, Add	*15.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.16*	
05 12 23 00-0398	LF	S20 x 66 A992/A36 Structural Steel	152.78	46.21
		For High Strength Low Alloy A572-50 Steel, Add	*13.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.56*	
05 12 23 00-0399	LF	S18 x 70 A992/A36 Structural Steel	162.05	49.00
		For High Strength Low Alloy A572-50 Steel, Add	*14.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.41*	
05 12 23 00-0400	LF	S18 x 54.7 A992/A36 Structural Steel	128.77	40.31
		For High Strength Low Alloy A572-50 Steel, Add	*11.59*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0401	LF	S15 x 50 A992/A36 Structural Steel	119.78	38.79
		For High Strength Low Alloy A572-50 Steel, Add	*10.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.96*	
05 12 23 00-0402	LF	S15 x 42.9 A992/A36 Structural Steel	104.64	35.03
		For High Strength Low Alloy A572-50 Steel, Add	*9.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.93*	
05 12 23 00-0403	LF	S12 x 50 A992/A36 Structural Steel	117.71	36.84
		For High Strength Low Alloy A572-50 Steel, Add	*10.59*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.54*	
05 12 23 00-0404	LF	S12 x 40.8 A992/A36 Structural Steel	97.74	31.65
		For High Strength Low Alloy A572-50 Steel, Add	*8.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.55*	
05 12 23 00-0405	LF	S12 x 35 A992/A36 Structural Steel	85.36	28.58
		For High Strength Low Alloy A572-50 Steel, Add	*7.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.07*	
05 12 23 00-0406	LF	S12 x 31.8 A992/A36 Structural Steel	79.02	27.33
		For High Strength Low Alloy A572-50 Steel, Add	*7.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.80*	
05 12 23 00-0407	LF	S10 x 35 A992/A36 Structural Steel	86.97	30.09
		For High Strength Low Alloy A572-50 Steel, Add	*7.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.39*	
05 12 23 00-0408	LF	S10 x 25.4 A992/A36 Structural Steel	64.34	22.98
		For High Strength Low Alloy A572-50 Steel, Add	*5.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.87*	
05 12 23 00-0409	LF	S8 x 23 A992/A36 Structural Steel	58.27	20.81
		For High Strength Low Alloy A572-50 Steel, Add	*5.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.65*	
05 12 23 00-0410	LF	S8 x 18.4 A992/A36 Structural Steel	47.54	17.53
		For High Strength Low Alloy A572-50 Steel, Add	*4.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.51*	
05 12 23 00-0411	LF	S7 x 20 A992/A36 Structural Steel	51.68	19.05
		For High Strength Low Alloy A572-50 Steel, Add	*4.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.34*	
05 12 23 00-0412	LF	S7 x 15.3 A992/A36 Structural Steel	40.35	15.34
		For High Strength Low Alloy A572-50 Steel, Add	*3.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.07*	
05 12 23 00-0413	LF	S6 x 17.25 A992/A36 Structural Steel	43.88	15.77
		For High Strength Low Alloy A572-50 Steel, Add	*3.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.78*	
05 12 23 00-0414	LF	S6 x 12.5 A992/A36 Structural Steel	37.79	14.57
		For High Strength Low Alloy A572-50 Steel, Add	*3.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.56*	
05 12 23 00-0415	LF	S5 x 14.75 A992/A36 Structural Steel	40.11	14.85
		For High Strength Low Alloy A572-50 Steel, Add	*3.61*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.02*	
05 12 23 00-0416	LF	S5 x 10 A992/A36 Structural Steel	34.38	14.48
		For High Strength Low Alloy A572-50 Steel, Add	*3.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.88*	
05 12 23 00-0417	LF	S4 x 9.5 A992/A36 Structural Steel	33.51	14.48
		For High Strength Low Alloy A572-50 Steel, Add	*3.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.70*	
05 12 23 00-0418	LF	S4 x 7.7 A992/A36 Structural Steel	31.47	14.48
		For High Strength Low Alloy A572-50 Steel, Add	*2.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.29*	
05 12 23 00-0419	LF	S3 x 7.5 A992/A36 Structural Steel	31.27	14.48
		For High Strength Low Alloy A572-50 Steel, Add	*2.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.25*	
05 12 23 00-0420	LF	S3 x 5.7 A992/A36 Structural Steel	28.84	14.39
		For High Strength Low Alloy A572-50 Steel, Add	*2.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.77*	

05 12 23 00-0421 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0162)*

Note: Includes material delivery and erection.

05 12 23 00-0422	LF	HP14 x 117 A992/A36 Structural Steel	155.50	19.42
		For High Strength Low Alloy A572-50 Steel, Add	*14.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*31.10*	
05 12 23 00-0423	LF	HP14 x 102 A992/A36 Structural Steel	136.29	18.07
		For High Strength Low Alloy A572-50 Steel, Add	*12.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.26*	
05 12 23 00-0424	LF	HP14 x 89 A992/A36 Structural Steel	121.61	16.95
		For High Strength Low Alloy A572-50 Steel, Add	*10.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.32*	
05 12 23 00-0425	LF	HP14 x 73 A992/A36 Structural Steel	101.09	15.98
		For High Strength Low Alloy A572-50 Steel, Add	*9.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.22*	
05 12 23 00-0426	LF	HP13 x 100 A992/A36 Structural Steel	133.62	17.72
		For High Strength Low Alloy A572-50 Steel, Add	*12.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.72*	
05 12 23 00-0427	LF	HP13 x 87 A992/A36 Structural Steel	118.89	16.57
		For High Strength Low Alloy A572-50 Steel, Add	*10.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.78*	
05 12 23 00-0428	LF	HP13 x 73 A992/A36 Structural Steel	101.09	15.98
		For High Strength Low Alloy A572-50 Steel, Add	*9.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.22*	
05 12 23 00-0429	LF	HP13 x 60 A992/A36 Structural Steel	86.03	15.31
		For High Strength Low Alloy A572-50 Steel, Add	*7.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0430	LF	HP12 x 84 A992/A36 Structural Steel	112.54	17.48
		For High Strength Low Alloy A572-50 Steel, Add	*10.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.51*	
05 12 23 00-0431	LF	HP12 x 74 A992/A36 Structural Steel	99.66	16.48
		For High Strength Low Alloy A572-50 Steel, Add	*8.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.93*	
05 12 23 00-0432	LF	HP12 x 63 A992/A36 Structural Steel	86.00	15.16
		For High Strength Low Alloy A572-50 Steel, Add	*7.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.20*	
05 12 23 00-0433	LF	HP12 x 53 A992/A36 Structural Steel	78.95	14.41
		For High Strength Low Alloy A572-50 Steel, Add	*7.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.79*	
05 12 23 00-0434	LF	HP10 x 57 A992/A36 Structural Steel	83.09	14.79
		For High Strength Low Alloy A572-50 Steel, Add	*7.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.62*	
05 12 23 00-0435	LF	HP10 x 42 A992/A36 Structural Steel	68.84	13.86
		For High Strength Low Alloy A572-50 Steel, Add	*6.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.77*	
05 12 23 00-0436	LF	HP8 x 36 A992/A36 Structural Steel	60.07	13.07
		For High Strength Low Alloy A572-50 Steel, Add	*5.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.01*	

05 12 23 00-0437 Lightweight Framing Steel Shapes *(05 12 23)*

05 12 23 00-0438 Angle Iron - L *(05 12 23 00-0437)*

05 12 23 00-0439 1/8" Thick *(05 12 23 00-0438)*

05 12 23 00-0440	LF	1/2" x 1/2" x 1/8" Angle Iron	2.04	1.33
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.37*	
		For Galvanized Steel, Add	*0.17*	
		For 304 Stainless Steel, Add	*0.77*	
		For High Strength Steel (HSS), Add	*0.41*	
05 12 23 00-0441	LF	3/4" x 1/2" x 1/8" Angle Iron	2.34	1.50
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.43*	
		For Galvanized Steel, Add	*0.21*	
		For 304 Stainless Steel, Add	*0.97*	
		For High Strength Steel (HSS), Add	*0.47*	
05 12 23 00-0442	LF	3/4" x 3/4" x 1/8" Angle Iron	2.63	1.66
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.47*	
		For Galvanized Steel, Add	*0.26*	
		For 304 Stainless Steel, Add	*1.20*	
		For High Strength Steel (HSS), Add	*0.53*	
05 12 23 00-0443	LF	1" x 3/4" x 1/8" Angle Iron	2.95	1.84
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-0.53*	
		For Galvanized Steel, Add	*0.30*	
		For 304 Stainless Steel, Add	*1.40*	
		For High Strength Steel (HSS), Add	*0.59*	
05 12 23 00-0444	LF	1" x 1" x 1/8" Angle Iron	3.22	1.99
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.57*	
		For Galvanized Steel, Add	*0.35*	
		For 304 Stainless Steel, Add	*1.62*	
		For High Strength Steel (HSS), Add	*0.64*	
05 12 23 00-0445	LF	1-1/4" x 1-1/4" x 1/8" Angle Iron	3.84	2.35
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.68*	
		For Galvanized Steel, Add	*0.45*	
		For 304 Stainless Steel, Add	*2.05*	
		For High Strength Steel (HSS), Add	*0.77*	
05 12 23 00-0446	LF	1-1/2" x 1" x 1/8" Angle Iron	3.84	2.35
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.68*	
		For Galvanized Steel, Add	*0.45*	
		For 304 Stainless Steel, Add	*2.05*	
		For High Strength Steel (HSS), Add	*0.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0447	LF	1-1/2" x 1-1/2" x 1/8" Angle Iron	4.60	2.80
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000, Deduct	*-0.81*	
		For Galvanized Steel, Add	*0.54*	
		For 304 Stainless Steel, Add	*2.48*	
		For High Strength Steel (HSS), Add	*0.92*	
05 12 23 00-0448	LF	2" x 2" x 1/8" Angle Iron	6.26	3.82
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.10*	
		For Galvanized Steel, Add	*0.73*	
		For 304 Stainless Steel, Add	*3.36*	
		For High Strength Steel (HSS), Add	*1.25*	

05 12 23 00-0449 3/16" Thick *(05 12 23 00-0438)*

05 12 23 00-0450	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron	4.35	2.48
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000, Deduct	*-0.74*	
		For Galvanized Steel, Add	*0.65*	
		For 304 Stainless Steel, Add	*2.99*	
		For High Strength Steel (HSS), Add	*0.87*	
05 12 23 00-0451	LF	1-1/2" x 1" x 3/16" Angle Iron	4.35	2.48
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000, Deduct	*-0.74*	
		For Galvanized Steel, Add	*0.65*	
		For 304 Stainless Steel, Add	*2.99*	
		For High Strength Steel (HSS), Add	*0.87*	
05 12 23 00-0452	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron	4.81	2.65
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000, Deduct	*-0.80*	
		For Galvanized Steel, Add	*0.79*	
		For 304 Stainless Steel, Add	*3.65*	
		For High Strength Steel (HSS), Add	*0.96*	
05 12 23 00-0453	LF	2" x 2" x 3/16" Angle Iron	5.52	2.84
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.89*	
		For Galvanized Steel, Add	*1.08*	
		For 304 Stainless Steel, Add	*4.96*	
		For High Strength Steel (HSS), Add	*1.10*	
05 12 23 00-0454	LF	2-1/2" x 2" x 3/16" Angle Iron	6.02	3.05
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.96*	
		For Galvanized Steel, Add	*1.22*	
		For 304 Stainless Steel, Add	*5.59*	
		For High Strength Steel (HSS), Add	*1.20*	
05 12 23 00-0455	LF	2-1/2" x 2-1/2" x 3/16" Angle Iron	6.55	3.26
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.04*	
		For Galvanized Steel, Add	*1.36*	
		For 304 Stainless Steel, Add	*6.27*	
		For High Strength Steel (HSS), Add	*1.31*	
05 12 23 00-0456	LF	3" x 2" x 3/16" Angle Iron	6.54	3.26
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.03*	
		For Galvanized Steel, Add	*1.36*	
		For 304 Stainless Steel, Add	*6.24*	
		For High Strength Steel (HSS), Add	*1.31*	
05 12 23 00-0457	LF	3" x 2-1/2" x 3/16" Angle Iron	7.22	3.60
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000, Deduct	*-1.14*	
		For Galvanized Steel, Add	*1.50*	
		For 304 Stainless Steel, Add	*6.90*	
		For High Strength Steel (HSS), Add	*1.44*	
05 12 23 00-0458	LF	3" x 3" x 3/16" Angle Iron	7.90	3.95
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000, Deduct	*-1.25*	
		For Galvanized Steel, Add	*1.64*	
		For 304 Stainless Steel, Add	*7.55*	
		For High Strength Steel (HSS), Add	*1.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0459		1/4" Thick *(05 12 23 00-0438)*		
05 12 23 00-0460	LF	1-1/2" x 1" x 1/4" Angle Iron	4.84	2.62
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000, Deduct	*-0.80*	
		For Galvanized Steel, Add	*0.84*	
		For 304 Stainless Steel, Add	*3.85*	
		For High Strength Steel (HSS), Add	*0.97*	
05 12 23 00-0461	LF	1-1/2" x 1-1/2" x 1/4" Angle Iron	5.38	2.80
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.87*	
		For Galvanized Steel, Add	*1.02*	
		For 304 Stainless Steel, Add	*4.70*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0462	LF	2" x 2" x 1/4" Angle Iron	6.25	2.98
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.97*	
		For Galvanized Steel, Add	*1.41*	
		For 304 Stainless Steel, Add	*6.47*	
		For High Strength Steel (HSS), Add	*1.25*	
05 12 23 00-0463	LF	2-1/2" x 2" x 1/4" Angle Iron	6.99	3.30
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.08*	
		For Galvanized Steel, Add	*1.60*	
		For 304 Stainless Steel, Add	*7.35*	
		For High Strength Steel (HSS), Add	*1.40*	
05 12 23 00-0464	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron	7.75	3.62
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.19*	
		For Galvanized Steel, Add	*1.81*	
		For 304 Stainless Steel, Add	*8.32*	
		For High Strength Steel (HSS), Add	*1.55*	
05 12 23 00-0465	LF	3" x 2" x 1/4" Angle Iron	7.75	3.62
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.19*	
		For Galvanized Steel, Add	*1.81*	
		For 304 Stainless Steel, Add	*8.32*	
		For High Strength Steel (HSS), Add	*1.55*	
05 12 23 00-0466	LF	3" x 2-1/2" x 1/4" Angle Iron	8.58	4.03
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.31*	
		For Galvanized Steel, Add	*1.99*	
		For 304 Stainless Steel, Add	*9.15*	
		For High Strength Steel (HSS), Add	*1.72*	
05 12 23 00-0467	LF	3" x 3" x 1/4" Angle Iron	9.39	4.42
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.44*	
		For Galvanized Steel, Add	*2.16*	
		For 304 Stainless Steel, Add	*9.95*	
		For High Strength Steel (HSS), Add	*1.88*	
05 12 23 00-0468	LF	3-1/2" x 3" x 1/4" Angle Iron	10.17	4.75
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000, Deduct	*-1.55*	
		For Galvanized Steel, Add	*2.38*	
		For 304 Stainless Steel, Add	*10.94*	
		For High Strength Steel (HSS), Add	*2.03*	
05 12 23 00-0469	LF	3-1/2" x 3-1/2" x 1/4" Angle Iron	10.76	0.49
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000, Deduct	*-1.63*	
		For Galvanized Steel, Add	*2.57*	
		For 304 Stainless Steel, Add	*11.80*	
		For High Strength Steel (HSS), Add	*2.15*	
05 12 23 00-0470	LF	4" x 3" x 1/4" Angle Iron	10.76	4.96
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000, Deduct	*-1.63*	
		For Galvanized Steel, Add	*2.57*	
		For 304 Stainless Steel, Add	*11.80*	
		For High Strength Steel (HSS), Add	*2.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0471	LF	4" x 3-1/2" x 1/4" Angle Iron	11.31	5.17
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.71*	
		For Galvanized Steel, Add	*2.73*	
		For 304 Stainless Steel, Add	*12.57*	
		For High Strength Steel (HSS), Add	*2.26*	
05 12 23 00-0472	LF	4" x 4" x 1/4" Angle Iron	11.90	5.40
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.79*	
		For Galvanized Steel, Add	*2.92*	
		For 304 Stainless Steel, Add	*13.42*	
		For High Strength Steel (HSS), Add	*2.38*	
05 12 23 00-0473	LF	5" x 3" x 1/4" Angle Iron	11.90	5.40
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.79*	
		For Galvanized Steel, Add	*2.92*	
		For 304 Stainless Steel, Add	*13.42*	
		For High Strength Steel (HSS), Add	*2.38*	
05 12 23 00-0474	LF	5" x 3-1/2" x 1/4" Angle Iron	12.56	5.69
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*3.09*	
		For 304 Stainless Steel, Add	*14.19*	
		For High Strength Steel (HSS), Add	*2.51*	

05 12 23 00-0475 5/16" Thick *(05 12 23 00-0438)*

05 12 23 00-0476	LF	2-1/2" x 2" x 5/16" Angle Iron	8.33	3.85
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.26*	
		For Galvanized Steel, Add	*1.99*	
		For 304 Stainless Steel, Add	*9.15*	
		For High Strength Steel (HSS), Add	*1.67*	
05 12 23 00-0477	LF	2-1/2" x 2-1/2" x 5/16" Angle Iron	9.01	4.08
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.36*	
		For Galvanized Steel, Add	*2.21*	
		For 304 Stainless Steel, Add	*10.17*	
		For High Strength Steel (HSS), Add	*1.80*	
05 12 23 00-0478	LF	3" x 2" x 5/16" Angle Iron	9.01	4.08
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.36*	
		For Galvanized Steel, Add	*2.21*	
		For 304 Stainless Steel, Add	*10.17*	
		For High Strength Steel (HSS), Add	*1.80*	
05 12 23 00-0479	LF	3" x 2-1/2" x 5/16" Angle Iron	9.96	4.47
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.49*	
		For Galvanized Steel, Add	*2.48*	
		For 304 Stainless Steel, Add	*11.40*	
		For High Strength Steel (HSS), Add	*1.99*	
05 12 23 00-0480	LF	3" x 3" x 5/16" Angle Iron	10.82	4.85
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.62*	
		For Galvanized Steel, Add	*2.70*	
		For 304 Stainless Steel, Add	*12.40*	
		For High Strength Steel (HSS), Add	*2.16*	
05 12 23 00-0481	LF	3-1/2" x 3" x 5/16" Angle Iron	11.51	5.10
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.71*	
		For Galvanized Steel, Add	*2.92*	
		For 304 Stainless Steel, Add	*13.42*	
		For High Strength Steel (HSS), Add	*2.30*	
05 12 23 00-0482	LF	3-1/2" x 3-1/2" x 5/16" Angle Iron	12.26	5.36
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.81*	
		For Galvanized Steel, Add	*3.17*	
		For 304 Stainless Steel, Add	*14.59*	
		For High Strength Steel (HSS), Add	*2.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0483	LF	4" x 3" x 5/16" Angle Iron	12.26	5.36
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.81*	
		For Galvanized Steel, Add	*3.17*	
		For 304 Stainless Steel, Add	*14.59*	
		For High Strength Steel (HSS), Add	*2.45*	
05 12 23 00-0484	LF	4" x 3-1/2" x 5/16" Angle Iron	13.03	5.66
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.92*	
		For Galvanized Steel, Add	*3.40*	
		For 304 Stainless Steel, Add	*15.62*	
		For High Strength Steel (HSS), Add	*2.61*	
05 12 23 00-0485	LF	4" x 4" x 5/16" Angle Iron	13.73	5.91
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.01*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*16.67*	
		For High Strength Steel (HSS), Add	*2.75*	
05 12 23 00-0486	LF	5" x 3" x 5/16" Angle Iron	13.73	5.91
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.01*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*16.67*	
		For High Strength Steel (HSS), Add	*2.75*	
05 12 23 00-0487	LF	5" x 3-1/2" x 5/16" Angle Iron	14.40	6.16
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.11*	
		For Galvanized Steel, Add	*3.84*	
		For 304 Stainless Steel, Add	*17.64*	
		For High Strength Steel (HSS), Add	*2.88*	
05 12 23 00-0488	LF	5" x 5" x 5/16" Angle Iron	15.91	6.42
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.26*	
		For Galvanized Steel, Add	*4.56*	
		For 304 Stainless Steel, Add	*20.95*	
		For High Strength Steel (HSS), Add	*3.18*	
05 12 23 00-0489	LF	6" x 3-1/2" x 5/16" Angle Iron	15.89	6.68
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.31*	
		For Galvanized Steel, Add	*4.32*	
		For 304 Stainless Steel, Add	*19.86*	
		For High Strength Steel (HSS), Add	*3.18*	
05 12 23 00-0490		3/8" Thick *(05 12 23 00-0438)*		
05 12 23 00-0491	LF	3" x 2" x 3/8" Angle Iron	9.89	4.26
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.45*	
		For Galvanized Steel, Add	*2.60*	
		For 304 Stainless Steel, Add	*11.97*	
		For High Strength Steel (HSS), Add	*1.98*	
05 12 23 00-0492	LF	3" x 2-1/2" x 3/8" Angle Iron	10.87	4.62
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.59*	
		For Galvanized Steel, Add	*2.92*	
		For 304 Stainless Steel, Add	*13.42*	
		For High Strength Steel (HSS), Add	*2.17*	
05 12 23 00-0493	LF	3" x 3" x 3/8" Angle Iron	11.75	4.97
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.71*	
		For Galvanized Steel, Add	*3.17*	
		For 304 Stainless Steel, Add	*14.59*	
		For High Strength Steel (HSS), Add	*2.35*	
05 12 23 00-0494	LF	3-1/2" x 3" x 3/8" Angle Iron	12.45	5.11
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.82*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000, Deduct	*-1.79*	
		For Galvanized Steel, Add	*3.50*	
		For 304 Stainless Steel, Add	*16.07*	
		For High Strength Steel (HSS), Add	*2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0495	LF	3-1/2" x 3-1/2" x 3/8" Angle Iron	13.24	5.39
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*3.75*	
		For 304 Stainless Steel, Add	*17.24*	
		For High Strength Steel (HSS), Add	*2.65*	
05 12 23 00-0496	LF	4" x 3" x 3/8" Angle Iron	13.24	5.39
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*3.75*	
		For 304 Stainless Steel, Add	*17.24*	
		For High Strength Steel (HSS), Add	*2.65*	
05 12 23 00-0497	LF	4" x 3-1/2" x 3/8" Angle Iron	14.31	5.87
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.05*	
		For Galvanized Steel, Add	*4.02*	
		For 304 Stainless Steel, Add	*18.47*	
		For High Strength Steel (HSS), Add	*2.86*	
05 12 23 00-0498	LF	4" x 4" x 3/8" Angle Iron	15.03	6.04
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000, Deduct	*-2.13*	
		For Galvanized Steel, Add	*4.32*	
		For 304 Stainless Steel, Add	*19.86*	
		For High Strength Steel (HSS), Add	*3.01*	
05 12 23 00-0499	LF	5" x 3" x 3/8" Angle Iron	15.35	6.28
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000, Deduct	*-2.20*	
		For Galvanized Steel, Add	*4.32*	
		For 304 Stainless Steel, Add	*19.86*	
		For High Strength Steel (HSS), Add	*3.07*	
05 12 23 00-0500	LF	5" x 3-1/2" x 3/8" Angle Iron	16.43	6.77
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000, Deduct	*-2.36*	
		For Galvanized Steel, Add	*4.59*	
		For 304 Stainless Steel, Add	*21.09*	
		For High Strength Steel (HSS), Add	*3.29*	
05 12 23 00-0501	LF	5" x 5" x 3/8" Angle Iron	19.30	7.89
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-2.76*	
		For Galvanized Steel, Add	*5.44*	
		For 304 Stainless Steel, Add	*25.02*	
		For High Strength Steel (HSS), Add	*3.86*	
05 12 23 00-0502	LF	6" x 3-1/2" x 3/8" Angle Iron	18.11	7.34
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.19*	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000, Deduct	*-2.58*	
		For Galvanized Steel, Add	*5.16*	
		For 304 Stainless Steel, Add	*23.74*	
		For High Strength Steel (HSS), Add	*3.62*	
05 12 23 00-0503	LF	6" x 4" x 3/8" Angle Iron	19.30	7.89
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-2.76*	
		For Galvanized Steel, Add	*5.44*	
		For 304 Stainless Steel, Add	*25.02*	
		For High Strength Steel (HSS), Add	*3.86*	
05 12 23 00-0504	LF	6" x 6" x 3/8" Angle Iron	23.25	9.47
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.42*	
		For >1,000, Deduct	*-3.32*	
		For Galvanized Steel, Add	*6.59*	
		For 304 Stainless Steel, Add	*30.30*	
		For High Strength Steel (HSS), Add	*4.65*	
05 12 23 00-0505	LF	7" x 4" x 3/8" Angle Iron	21.28	8.68
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000, Deduct	*-3.04*	
		For Galvanized Steel, Add	*6.01*	
		For 304 Stainless Steel, Add	*27.65*	
		For High Strength Steel (HSS), Add	*4.26*	

05 12 23 00-0506 1/2" Thick *(05 12 23 00-0438)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0507	LF	3" x 3" x 1/2" Angle Iron	13.48	5.08
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000, Deduct	*-1.86*	
		For Galvanized Steel, Add	*4.16*	
		For 304 Stainless Steel, Add	*19.12*	
		For High Strength Steel (HSS), Add	*2.70*	
05 12 23 00-0508	LF	4" x 3" x 1/2" Angle Iron	15.92	6.00
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.19*	
		For Galvanized Steel, Add	*4.91*	
		For 304 Stainless Steel, Add	*22.57*	
		For High Strength Steel (HSS), Add	*3.18*	
05 12 23 00-0509	LF	4" x 3-1/2" x 1/2" Angle Iron	17.07	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.35*	
		For Galvanized Steel, Add	*5.26*	
		For 304 Stainless Steel, Add	*24.20*	
		For High Strength Steel (HSS), Add	*3.41*	
05 12 23 00-0510	LF	4" x 4" x 1/2" Angle Iron	18.36	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.53*	
		For Galvanized Steel, Add	*5.66*	
		For 304 Stainless Steel, Add	*26.02*	
		For High Strength Steel (HSS), Add	*3.67*	
05 12 23 00-0511	LF	5" x 3" x 1/2" Angle Iron	18.36	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.53*	
		For Galvanized Steel, Add	*5.66*	
		For 304 Stainless Steel, Add	*26.02*	
		For High Strength Steel (HSS), Add	*3.67*	
05 12 23 00-0512	LF	5" x 3-1/2" x 1/2" Angle Iron	19.50	7.35
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.69*	
		For Galvanized Steel, Add	*6.01*	
		For 304 Stainless Steel, Add	*27.65*	
		For High Strength Steel (HSS), Add	*3.90*	
05 12 23 00-0513	LF	5" x 5" x 1/2" Angle Iron	23.24	8.76
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.20*	
		For Galvanized Steel, Add	*7.17*	
		For 304 Stainless Steel, Add	*32.95*	
		For High Strength Steel (HSS), Add	*4.65*	
05 12 23 00-0514	LF	6" x 4" x 1/2" Angle Iron	23.24	8.76
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.20*	
		For Galvanized Steel, Add	*7.17*	
		For 304 Stainless Steel, Add	*32.95*	
		For High Strength Steel (HSS), Add	*4.65*	
05 12 23 00-0515	LF	6" x 6" x 1/2" Angle Iron	28.11	10.59
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000, Deduct	*-3.87*	
		For Galvanized Steel, Add	*8.67*	
		For 304 Stainless Steel, Add	*39.84*	
		For High Strength Steel (HSS), Add	*5.62*	
05 12 23 00-0516	LF	7" x 4" x 1/2" Angle Iron	25.67	9.67
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.54*	
		For Galvanized Steel, Add	*7.92*	
		For 304 Stainless Steel, Add	*36.39*	
		For High Strength Steel (HSS), Add	*5.13*	
05 12 23 00-0517	LF	8" x 4" x 1/2" Angle Iron	28.11	10.59
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000, Deduct	*-3.87*	
		For Galvanized Steel, Add	*8.67*	
		For 304 Stainless Steel, Add	*39.84*	
		For High Strength Steel (HSS), Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0518	LF	8" x 6" x 1/2" Angle Iron	32.99	12.43
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000, Deduct	*-4.55*	
		For Galvanized Steel, Add	*10.17*	
		For 304 Stainless Steel, Add	*46.77*	
		For High Strength Steel (HSS), Add	*6.60*	
05 12 23 00-0519	LF	8" x 8" x 1/2" Angle Iron	37.86	14.27
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.37*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-5.22*	
		For Galvanized Steel, Add	*11.67*	
		For 304 Stainless Steel, Add	*53.67*	
		For High Strength Steel (HSS), Add	*7.57*	

05 12 23 00-0520 5/8" Thick *(05 12 23 00-0438)*

05 12 23 00-0521	LF	4" x 4" x 5/8" Angle Iron	21.78	7.93
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.96*	
		For Galvanized Steel, Add	*6.94*	
		For High Strength Steel (HSS), Add	*4.36*	
05 12 23 00-0522	LF	5" x 3-1/2" x 5/8" Angle Iron	23.30	8.49
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.43*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000, Deduct	*-3.16*	
		For Galvanized Steel, Add	*7.43*	
		For High Strength Steel (HSS), Add	*4.66*	
05 12 23 00-0523	LF	5" x 5" x 5/8" Angle Iron	27.74	10.11
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-3.76*	
		For Galvanized Steel, Add	*8.85*	
		For High Strength Steel (HSS), Add	*5.55*	
05 12 23 00-0524	LF	6" x 4" x 5/8" Angle Iron	27.74	10.11
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-3.76*	
		For Galvanized Steel, Add	*8.85*	
		For High Strength Steel (HSS), Add	*5.55*	
05 12 23 00-0525	LF	6" x 6" x 5/8" Angle Iron	33.57	12.23
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000, Deduct	*-4.56*	
		For Galvanized Steel, Add	*10.71*	
		For High Strength Steel (HSS), Add	*6.71*	
05 12 23 00-0526	LF	7" x 4" x 5/8" Angle Iron	30.66	11.16
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.88*	
		For >500 To 1,000, Deduct	*-3.02*	
		For >1,000, Deduct	*-4.16*	
		For Galvanized Steel, Add	*9.78*	
		For High Strength Steel (HSS), Add	*6.13*	
05 12 23 00-0527	LF	8" x 6" x 5/8" Angle Iron	39.53	14.40
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-3.90*	
		For >1,000, Deduct	*-5.36*	
		For Galvanized Steel, Add	*12.60*	
		For High Strength Steel (HSS), Add	*7.91*	
05 12 23 00-0528	LF	8" x 8" x 5/8" Angle Iron	45.36	16.52
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.79*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.16*	
		For Galvanized Steel, Add	*14.46*	
		For High Strength Steel (HSS), Add	*9.07*	

05 12 23 00-0529 3/4" Thick *(05 12 23 00-0438)*

05 12 23 00-0530	LF	4" x 4" x 3/4" Angle Iron	24.89	8.77
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.41*	
		For >1,000, Deduct	*-3.33*	
		For Galvanized Steel, Add	*8.18*	
		For High Strength Steel (HSS), Add	*4.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0531	LF	5" x 3-1/2" x 3/4" Angle Iron	26.62	9.38
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000, Deduct	*-3.56*	
		For Galvanized Steel, Add	*8.75*	
		For High Strength Steel (HSS), Add	*5.32*	
05 12 23 00-0532	LF	5" x 5" x 3/4" Angle Iron	31.75	11.18
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.25*	
		For Galvanized Steel, Add	*10.44*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0533	LF	6" x 4" x 3/4" Angle Iron	31.75	11.18
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.25*	
		For Galvanized Steel, Add	*10.44*	
		For High Strength Steel (HSS), Add	*6.35*	
05 12 23 00-0534	LF	6" x 6" x 3/4" Angle Iron	38.60	13.59
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1,000, Deduct	*-3.74*	
		For >1,000, Deduct	*-5.16*	
		For Galvanized Steel, Add	*12.69*	
		For High Strength Steel (HSS), Add	*7.72*	
05 12 23 00-0535	LF	7" x 4" x 3/4" Angle Iron	35.24	12.41
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.71*	
		For Galvanized Steel, Add	*11.59*	
		For High Strength Steel (HSS), Add	*7.05*	
05 12 23 00-0536	LF	8" x 4" x 3/4" Angle Iron	38.60	13.59
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1,000, Deduct	*-3.74*	
		For >1,000, Deduct	*-5.16*	
		For Galvanized Steel, Add	*12.69*	
		For High Strength Steel (HSS), Add	*7.72*	
05 12 23 00-0537	LF	8" x 6" x 3/4" Angle Iron	45.46	16.01
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.74*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000, Deduct	*-6.08*	
		For Galvanized Steel, Add	*14.95*	
		For High Strength Steel (HSS), Add	*9.09*	
05 12 23 00-0538	LF	8" x 8" x 3/4" Angle Iron	52.33	18.42
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-3.15*	
		For >500 To 1,000, Deduct	*-5.07*	
		For >1,000, Deduct	*-7.00*	
		For Galvanized Steel, Add	*17.21*	
		For High Strength Steel (HSS), Add	*10.47*	

05 12 23 00-0539 7/8" Thick *(05 12 23 00-0438)*

05 12 23 00-0540	LF	5" x 5" x 7/8" Angle Iron	35.44	12.02
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.09*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.66*	
		For Galvanized Steel, Add	*12.03*	
		For High Strength Steel (HSS), Add	*7.09*	
05 12 23 00-0541	LF	6" x 4" x 7/8" Angle Iron	35.44	12.02
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.09*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.66*	
		For Galvanized Steel, Add	*12.03*	
		For High Strength Steel (HSS), Add	*7.09*	
05 12 23 00-0542	LF	6" x 6" x 7/8" Angle Iron	43.13	14.64
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000, Deduct	*-5.67*	
		For Galvanized Steel, Add	*14.64*	
		For High Strength Steel (HSS), Add	*8.63*	
05 12 23 00-0543	LF	8" x 6" x 7/8" Angle Iron	50.94	17.28
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000, Deduct	*-6.70*	
		For Galvanized Steel, Add	*17.30*	
		For High Strength Steel (HSS), Add	*10.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0544	LF	8" x 8" x 7/8" Angle Iron	58.63	19.90
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.46*	
		For >500 To 1,000, Deduct	*-5.58*	
		For >1,000, Deduct	*-7.71*	
		For Galvanized Steel, Add	*19.90*	
		For High Strength Steel (HSS), Add	*11.73*	

05 12 23 00-0545 Bar Channel *(05 12 23 00-0437)*

05 12 23 00-0546	LF	1" x 1/2" x 1/8" Thick Bar Channel	3.43	
		For 316 Stainless Steel, Add	*2.50*	
		For Aluminum, Add	*0.14*	
		For Galvanized Steel, Add	*0.48*	
		For 304 Stainless Steel, Add	*2.22*	
		For High Strength Steel (HSS), Add	*0.69*	
05 12 23 00-0547	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	3.82	
		For 316 Stainless Steel, Add	*2.98*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.58*	
		For 304 Stainless Steel, Add	*2.65*	
		For High Strength Steel (HSS), Add	*0.76*	
05 12 23 00-0548	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	4.15	
		For 316 Stainless Steel, Add	*3.30*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.64*	
		For 304 Stainless Steel, Add	*2.94*	
		For High Strength Steel (HSS), Add	*0.83*	
05 12 23 00-0549	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	4.80	
		For 316 Stainless Steel, Add	*3.42*	
		For Aluminum, Add	*0.19*	
		For Galvanized Steel, Add	*0.66*	
		For 304 Stainless Steel, Add	*3.05*	
		For High Strength Steel (HSS), Add	*0.96*	
05 12 23 00-0550	LF	2" x 1/2" x 1/8" Thick Bar Channel	5.04	
		For 316 Stainless Steel, Add	*4.19*	
		For Aluminum, Add	*0.24*	
		For Galvanized Steel, Add	*0.81*	
		For 304 Stainless Steel, Add	*3.73*	
05 12 23 00-0551	LF	2" x 1" x 1/8" Thick Bar Channel	6.81	
		For 316 Stainless Steel, Add	*4.70*	
		For Aluminum, Add	*0.26*	
		For Galvanized Steel, Add	*0.91*	
		For 304 Stainless Steel, Add	*4.19*	

05 12 23 00-0552 Channels - C *(05 12 23 00-0437)*

05 12 23 00-0553	LF	C2 x 1.78 - 2" Wide Channel	5.64	3.29
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-0.97*	
		For 316 Stainless Steel, Add	*4.00*	
		For Aluminum, Add	*0.23*	
		For Galvanized Steel, Add	*0.78*	
		For 304 Stainless Steel, Add	*3.56*	
05 12 23 00-0554	LF	C3 x 4.1 - 3" Wide Channel	9.23	4.73
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.48*	
		For 316 Stainless Steel, Add	*9.34*	
		For Aluminum, Add	*0.53*	
		For Galvanized Steel, Add	*1.81*	
		For 304 Stainless Steel, Add	*8.32*	
05 12 23 00-0555	LF	C3 x 5 - 3" Wide Channel	11.27	5.78
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.81*	
		For 316 Stainless Steel, Add	*11.42*	
		For Aluminum, Add	*0.64*	
		For Galvanized Steel, Add	*2.21*	
		For 304 Stainless Steel, Add	*10.17*	
05 12 23 00-0556	LF	C3 x 6 - 3" Wide Channel	13.52	6.93
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.17*	
		For 316 Stainless Steel, Add	*13.70*	
		For Aluminum, Add	*0.77*	
		For Galvanized Steel, Add	*2.65*	
		For 304 Stainless Steel, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0557	LF	C4 x 5.4 - 4" Wide Channel	11.43	5.69
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.80*	
		For 316 Stainless Steel, Add	*12.32*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.39*	
		For 304 Stainless Steel, Add	*10.97*	
05 12 23 00-0558	LF	C4 x 7.25 - 4" Wide Channel	15.34	7.63
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.42*	
		For 316 Stainless Steel, Add	*16.54*	
		For Aluminum, Add	*0.93*	
		For Galvanized Steel, Add	*3.21*	
		For 304 Stainless Steel, Add	*14.73*	
05 12 23 00-0559	LF	C5 x 6.7 - 5" Wide Channel	13.62	6.62
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.13*	
		For 316 Stainless Steel, Add	*15.30*	
		For Aluminum, Add	*0.86*	
		For Galvanized Steel, Add	*2.96*	
		For 304 Stainless Steel, Add	*13.62*	
05 12 23 00-0560	LF	C5 x 9 - 5" Wide Channel	18.29	8.91
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-2.86*	
		For 316 Stainless Steel, Add	*20.54*	
		For Aluminum, Add	*1.16*	
		For Galvanized Steel, Add	*3.98*	
		For 304 Stainless Steel, Add	*18.30*	
05 12 23 00-0561	LF	C6 x 8.2 - 6" Wide Channel	16.46	7.95
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000, Deduct	*-2.56*	
		For 316 Stainless Steel, Add	*18.72*	
		For Aluminum, Add	*1.05*	
		For Galvanized Steel, Add	*3.63*	
		For 304 Stainless Steel, Add	*16.67*	
05 12 23 00-0562	LF	C6 x 10.5 - 6" Wide Channel	21.07	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.41*	
		For >1,000, Deduct	*-3.28*	
		For 316 Stainless Steel, Add	*23.97*	
		For Aluminum, Add	*1.35*	
		For Galvanized Steel, Add	*4.64*	
		For 304 Stainless Steel, Add	*21.35*	
05 12 23 00-0563	LF	C6 x 13 - 6" Wide Channel	26.09	12.61
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-4.06*	
		For 316 Stainless Steel, Add	*29.66*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.75*	
		For 304 Stainless Steel, Add	*26.42*	
05 12 23 00-0564	LF	C7 x 9.8 - 7" Wide Channel	19.62	9.47
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-3.05*	
		For 316 Stainless Steel, Add	*22.37*	
		For Aluminum, Add	*1.26*	
		For Galvanized Steel, Add	*4.33*	
		For 304 Stainless Steel, Add	*19.92*	
05 12 23 00-0565	LF	C7 x 12.25 - 7" Wide Channel	24.52	11.84
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.81*	
		For 316 Stainless Steel, Add	*27.97*	
		For Aluminum, Add	*1.57*	
		For Galvanized Steel, Add	*5.42*	
		For 304 Stainless Steel, Add	*24.91*	
05 12 23 00-0566	LF	C7 x 14.75 - 7" Wide Channel	29.54	14.25
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.17*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000, Deduct	*-4.59*	
		For 316 Stainless Steel, Add	*33.66*	
		For Aluminum, Add	*1.89*	
		For Galvanized Steel, Add	*6.52*	
		For 304 Stainless Steel, Add	*29.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0567	LF	C8 x 11.5 - 8" Wide Channel	22.09	10.42
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.59*	
		For >500 To 1,000, Deduct	*-2.49*	
		For >1,000, Deduct	*-3.39*	
		For 316 Stainless Steel, Add	*26.24*	
		For Aluminum, Add	*1.48*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*23.37*	
05 12 23 00-0568	LF	C8 x 13.75 - 8" Wide Channel	26.42	12.46
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-1.91*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-4.06*	
		For 316 Stainless Steel, Add	*31.39*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.08*	
		For 304 Stainless Steel, Add	*27.96*	
05 12 23 00-0569	LF	C8 x 18.75 - 8" Wide Channel	36.03	16.99
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.60*	
		For >500 To 1,000, Deduct	*-4.07*	
		For >1,000, Deduct	*-5.53*	
		For 316 Stainless Steel, Add	*42.82*	
		For Aluminum, Add	*2.41*	
		For Galvanized Steel, Add	*8.30*	
		For 304 Stainless Steel, Add	*38.13*	
05 12 23 00-0570	LF	C9 x 13.4 - 9" Wide Channel	25.76	12.14
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.86*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-3.96*	
		For 316 Stainless Steel, Add	*30.59*	
		For Aluminum, Add	*1.72*	
		For Galvanized Steel, Add	*5.93*	
		For 304 Stainless Steel, Add	*27.25*	
05 12 23 00-0571	LF	C9 x 15 - 9" Wide Channel	28.82	13.59
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.08*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-4.43*	
		For 316 Stainless Steel, Add	*34.24*	
		For Aluminum, Add	*1.93*	
		For Galvanized Steel, Add	*6.63*	
		For 304 Stainless Steel, Add	*30.50*	
05 12 23 00-0572	LF	C9 x 20 - 9" Wide Channel	38.44	18.12
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-4.34*	
		For >1,000, Deduct	*-5.90*	
		For 316 Stainless Steel, Add	*45.66*	
		For Aluminum, Add	*2.57*	
		For Galvanized Steel, Add	*8.85*	
		For 304 Stainless Steel, Add	*40.67*	
05 12 23 00-0573	LF	C10 x 15.3 - 10" Wide Channel	29.39	13.86
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-4.51*	
		For 316 Stainless Steel, Add	*34.91*	
		For Aluminum, Add	*1.96*	
		For Galvanized Steel, Add	*6.76*	
		For 304 Stainless Steel, Add	*31.09*	
05 12 23 00-0574	LF	C10 x 20 - 10" Wide Channel	38.44	18.12
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-4.34*	
		For >1,000, Deduct	*-5.90*	
		For 316 Stainless Steel, Add	*45.66*	
		For Aluminum, Add	*2.57*	
		For Galvanized Steel, Add	*8.85*	
		For 304 Stainless Steel, Add	*40.67*	
05 12 23 00-0575	LF	C10 x 25 - 10" Wide Channel	48.03	22.65
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.47*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.38*	
		For 316 Stainless Steel, Add	*57.06*	
		For Aluminum, Add	*3.21*	
		For Galvanized Steel, Add	*11.05*	
		For 304 Stainless Steel, Add	*50.82*	
05 12 23 00-0576	LF	C10 x 30 - 10" Wide Channel	57.64	27.18
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.16*	
		For >500 To 1,000, Deduct	*-6.51*	
		For >1,000, Deduct	*-8.85*	
		For 316 Stainless Steel, Add	*68.48*	
		For Aluminum, Add	*3.85*	
		For Galvanized Steel, Add	*13.27*	
		For 304 Stainless Steel, Add	*60.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0577	LF	C12 x 20.7 - 12" Wide Channel	39.78	18.76
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.87*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-6.11*	
		For 316 Stainless Steel, Add	*47.26*	
		For Aluminum, Add	*2.66*	
		For Galvanized Steel, Add	*9.16*	
		For 304 Stainless Steel, Add	*42.09*	
05 12 23 00-0578	LF	C12 x 25 - 12" Wide Channel	48.03	22.65
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.47*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.38*	
		For 316 Stainless Steel, Add	*57.06*	
		For Aluminum, Add	*3.21*	
		For Galvanized Steel, Add	*11.05*	
		For 304 Stainless Steel, Add	*50.82*	
05 12 23 00-0579	LF	C12 x 30 - 12" Wide Channel	57.64	27.18
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.16*	
		For >500 To 1,000, Deduct	*-6.51*	
		For >1,000, Deduct	*-8.85*	
		For 316 Stainless Steel, Add	*68.48*	
		For Aluminum, Add	*3.85*	
		For Galvanized Steel, Add	*13.27*	
		For 304 Stainless Steel, Add	*60.99*	
05 12 23 00-0580	LF	C15 x 33.9 - 15" Wide Channel	65.14	30.71
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-4.70*	
		For >500 To 1,000, Deduct	*-7.35*	
		For >1,000, Deduct	*-10.01*	
		For 316 Stainless Steel, Add	*77.38*	
		For Aluminum, Add	*4.35*	
		For Galvanized Steel, Add	*14.99*	
		For 304 Stainless Steel, Add	*68.91*	
05 12 23 00-0581	LF	C15 x 40 - 15" Wide Channel	76.86	36.24
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-5.55*	
		For >500 To 1,000, Deduct	*-8.68*	
		For >1,000, Deduct	*-11.81*	
		For 316 Stainless Steel, Add	*91.30*	
		For Aluminum, Add	*5.14*	
		For Galvanized Steel, Add	*17.69*	
		For 304 Stainless Steel, Add	*81.31*	
05 12 23 00-0582	LF	C15 x 50 - 15" Wide Channel	96.08	45.30
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-6.93*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.76*	
		For 316 Stainless Steel, Add	*114.14*	
		For Aluminum, Add	*6.42*	
		For Galvanized Steel, Add	*22.12*	
		For 304 Stainless Steel, Add	*101.66*	

05 12 23 00-0583 Miscellaneous Channels - MC *(05 12 23 00-0437)*

05 12 23 00-0584	LF	MC6 x 12 - 6" Wide Channel	24.08	11.65
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.75*	
		For 316 Stainless Steel, Add	*27.39*	
		For Aluminum, Add	*1.54*	
		For Galvanized Steel, Add	*5.31*	
		For 304 Stainless Steel, Add	*24.40*	
05 12 23 00-0585	LF	MC6 x 15.1 - 6" Wide Channel	30.31	14.65
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000, Deduct	*-4.72*	
		For 316 Stainless Steel, Add	*34.46*	
		For Aluminum, Add	*1.94*	
		For Galvanized Steel, Add	*6.68*	
		For 304 Stainless Steel, Add	*30.69*	
05 12 23 00-0586	LF	MC6 x 15.3 - 6" Wide Channel	30.71	14.85
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.25*	
		For >500 To 1,000, Deduct	*-3.52*	
		For >1,000, Deduct	*-4.78*	
		For 316 Stainless Steel, Add	*34.91*	
		For Aluminum, Add	*1.96*	
		For Galvanized Steel, Add	*6.76*	
		For 304 Stainless Steel, Add	*31.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0587	LF	MC6 x 16.3 - 6" Wide Channel	32.72	15.81
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.75*	
		For >1,000, Deduct	*-5.09*	
		For 316 Stainless Steel, Add	*37.22*	
		For Aluminum, Add	*2.09*	
		For Galvanized Steel, Add	*7.21*	
		For 304 Stainless Steel, Add	*33.15*	
05 12 23 00-0588	LF	MC6 x 18 - 6" Wide Channel	36.13	17.47
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.65*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000, Deduct	*-5.62*	
		For 316 Stainless Steel, Add	*41.09*	
		For Aluminum, Add	*2.31*	
		For Galvanized Steel, Add	*7.96*	
		For 304 Stainless Steel, Add	*36.59*	
05 12 23 00-0589	LF	MC7 x 17.6 - 7" Wide Channel	35.23	17.02
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.58*	
		For >500 To 1,000, Deduct	*-4.03*	
		For >1,000, Deduct	*-5.48*	
		For 316 Stainless Steel, Add	*40.16*	
		For Aluminum, Add	*2.26*	
		For Galvanized Steel, Add	*7.78*	
		For 304 Stainless Steel, Add	*35.77*	
05 12 23 00-0590	LF	MC7 x 19.1 - 7" Wide Channel	38.24	18.46
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.80*	
		For >500 To 1,000, Deduct	*-4.37*	
		For >1,000, Deduct	*-5.95*	
		For 316 Stainless Steel, Add	*43.58*	
		For Aluminum, Add	*2.45*	
		For Galvanized Steel, Add	*8.44*	
		For 304 Stainless Steel, Add	*38.82*	
05 12 23 00-0591	LF	MC7 x 22.7 - 7" Wide Channel	45.45	21.94
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.33*	
		For >500 To 1,000, Deduct	*-5.20*	
		For >1,000, Deduct	*-7.07*	
		For 316 Stainless Steel, Add	*51.81*	
		For Aluminum, Add	*2.91*	
		For Galvanized Steel, Add	*10.04*	
		For 304 Stainless Steel, Add	*46.14*	
05 12 23 00-0592	LF	MC8 x 8.5 - 8" Wide Channel	16.33	7.70
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.51*	
		For 316 Stainless Steel, Add	*19.39*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.76*	
		For 304 Stainless Steel, Add	*17.27*	
05 12 23 00-0593	LF	MC8 x 18.7 - 8" Wide Channel	35.93	16.94
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.59*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-5.52*	
		For 316 Stainless Steel, Add	*42.69*	
		For Aluminum, Add	*2.40*	
		For Galvanized Steel, Add	*8.27*	
		For 304 Stainless Steel, Add	*38.02*	
05 12 23 00-0594	LF	MC8 x 20 - 8" Wide Channel	38.44	18.12
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-4.34*	
		For >1,000, Deduct	*-5.90*	
		For 316 Stainless Steel, Add	*45.66*	
		For Aluminum, Add	*2.57*	
		For Galvanized Steel, Add	*8.85*	
		For 304 Stainless Steel, Add	*40.67*	
05 12 23 00-0595	LF	MC8 x 21.4 - 8" Wide Channel	41.13	19.39
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 500, Deduct	*-2.97*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-6.32*	
		For 316 Stainless Steel, Add	*48.86*	
		For Aluminum, Add	*2.75*	
		For Galvanized Steel, Add	*9.47*	
		For 304 Stainless Steel, Add	*43.52*	
05 12 23 00-0596	LF	MC8 x 22.8 - 8" Wide Channel	43.80	20.67
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 500, Deduct	*-3.16*	
		For >500 To 1,000, Deduct	*-4.94*	
		For >1,000, Deduct	*-6.73*	
		For 316 Stainless Steel, Add	*52.03*	
		For Aluminum, Add	*2.93*	
		For Galvanized Steel, Add	*10.08*	
		For 304 Stainless Steel, Add	*46.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0597	LF	MC9 x 23.9 - 9" Wide Channel	45.92	21.65
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.31*	
		For >500 To 1,000, Deduct	*-5.18*	
		For >1,000, Deduct	*-7.05*	
		For 316 Stainless Steel, Add	*54.56*	
		For Aluminum, Add	*3.07*	
		For Galvanized Steel, Add	*10.57*	
		For 304 Stainless Steel, Add	*48.59*	
05 12 23 00-0598	LF	MC9 x 25.4 - 9" Wide Channel	48.80	23.01
		For >100 To 250, Deduct	*-2.30*	
		For >250 To 500, Deduct	*-3.52*	
		For >500 To 1,000, Deduct	*-5.51*	
		For >1,000, Deduct	*-7.50*	
		For 316 Stainless Steel, Add	*57.98*	
		For Aluminum, Add	*3.26*	
		For Galvanized Steel, Add	*11.23*	
		For 304 Stainless Steel, Add	*51.64*	
05 12 23 00-0599	LF	MC10 x 6.5 - 10" Wide Channel	12.49	5.89
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.41*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*14.85*	
		For Aluminum, Add	*0.84*	
		For Galvanized Steel, Add	*2.88*	
		For 304 Stainless Steel, Add	*13.22*	
05 12 23 00-0600	LF	MC10 x 8.4 - 10" Wide Channel	16.14	7.61
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000, Deduct	*-2.48*	
		For 316 Stainless Steel, Add	*19.17*	
		For Aluminum, Add	*1.08*	
		For Galvanized Steel, Add	*3.71*	
		For 304 Stainless Steel, Add	*17.07*	
05 12 23 00-0601	LF	MC10 x 21.9 - 10" Wide Channel	42.07	19.85
		For >100 To 250, Deduct	*-1.98*	
		For >250 To 500, Deduct	*-3.04*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000, Deduct	*-6.46*	
		For 316 Stainless Steel, Add	*49.98*	
		For Aluminum, Add	*2.81*	
		For Galvanized Steel, Add	*9.68*	
		For 304 Stainless Steel, Add	*44.52*	
05 12 23 00-0602	LF	MC10 x 24.9 - 10" Wide Channel	47.85	22.57
		For >100 To 250, Deduct	*-2.26*	
		For >250 To 500, Deduct	*-3.45*	
		For >500 To 1,000, Deduct	*-5.40*	
		For >1,000, Deduct	*-7.35*	
		For 316 Stainless Steel, Add	*56.83*	
		For Aluminum, Add	*3.20*	
		For Galvanized Steel, Add	*11.01*	
		For 304 Stainless Steel, Add	*50.62*	
05 12 23 00-0603	LF	MC10 x 25.3 - 10" Wide Channel	48.61	22.93
		For >100 To 250, Deduct	*-2.29*	
		For >250 To 500, Deduct	*-3.51*	
		For >500 To 1,000, Deduct	*-5.49*	
		For >1,000, Deduct	*-7.47*	
		For 316 Stainless Steel, Add	*57.76*	
		For Aluminum, Add	*3.25*	
		For Galvanized Steel, Add	*11.19*	
		For 304 Stainless Steel, Add	*51.44*	
05 12 23 00-0604	LF	MC10 x 28.3 - 10" Wide Channel	54.39	25.64
		For >100 To 250, Deduct	*-2.57*	
		For >250 To 500, Deduct	*-3.92*	
		For >500 To 1,000, Deduct	*-6.14*	
		For >1,000, Deduct	*-8.35*	
		For 316 Stainless Steel, Add	*64.61*	
		For Aluminum, Add	*3.63*	
		For Galvanized Steel, Add	*12.52*	
		For 304 Stainless Steel, Add	*57.54*	
05 12 23 00-0605	LF	MC10 x 28.5 - 10" Wide Channel	54.76	25.82
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-3.95*	
		For >500 To 1,000, Deduct	*-6.18*	
		For >1,000, Deduct	*-8.41*	
		For 316 Stainless Steel, Add	*65.06*	
		For Aluminum, Add	*3.66*	
		For Galvanized Steel, Add	*12.60*	
		For 304 Stainless Steel, Add	*57.94*	
05 12 23 00-0606	LF	MC10 x 33.6 - 10" Wide Channel	64.57	30.45
		For >100 To 250, Deduct	*-3.05*	
		For >250 To 500, Deduct	*-4.66*	
		For >500 To 1,000, Deduct	*-7.29*	
		For >1,000, Deduct	*-9.92*	
		For 316 Stainless Steel, Add	*76.70*	
		For Aluminum, Add	*4.31*	
		For Galvanized Steel, Add	*14.86*	
		For 304 Stainless Steel, Add	*68.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0607	LF	MC10 x 41.1 - 10" Wide Channel	78.98	37.25
		For >100 To 250, Deduct	*-3.72*	
		For >250 To 500, Deduct	*-5.70*	
		For >500 To 1,000, Deduct	*-8.92*	
		For >1,000, Deduct	*-12.13*	
		For 316 Stainless Steel, Add	*93.82*	
		For Aluminum, Add	*5.28*	
		For Galvanized Steel, Add	*18.18*	
		For 304 Stainless Steel, Add	*83.56*	
05 12 23 00-0608	LF	MC12 x 30.9 - 12" Wide Channel	59.38	27.99
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.29*	
		For >500 To 1,000, Deduct	*-6.70*	
		For >1,000, Deduct	*-9.12*	
		For 316 Stainless Steel, Add	*70.53*	
		For Aluminum, Add	*3.97*	
		For Galvanized Steel, Add	*13.66*	
		For 304 Stainless Steel, Add	*62.81*	
05 12 23 00-0609	LF	MC12 x 32.9 - 12" Wide Channel	63.22	29.81
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-4.56*	
		For >500 To 1,000, Deduct	*-7.14*	
		For >1,000, Deduct	*-9.71*	
		For 316 Stainless Steel, Add	*75.10*	
		For Aluminum, Add	*4.22*	
		For Galvanized Steel, Add	*14.55*	
		For 304 Stainless Steel, Add	*66.89*	
05 12 23 00-0610	LF	MC12 x 35 - 12" Wide Channel	67.26	31.71
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.85*	
		For >500 To 1,000, Deduct	*-7.59*	
		For >1,000, Deduct	*-10.33*	
		For 316 Stainless Steel, Add	*79.90*	
		For Aluminum, Add	*4.49*	
		For Galvanized Steel, Add	*15.48*	
		For 304 Stainless Steel, Add	*71.16*	
05 12 23 00-0611	LF	MC12 x 37 - 12" Wide Channel	71.10	33.53
		For >100 To 250, Deduct	*-3.35*	
		For >250 To 500, Deduct	*-5.13*	
		For >500 To 1,000, Deduct	*-8.03*	
		For >1,000, Deduct	*-10.92*	
		For 316 Stainless Steel, Add	*84.45*	
		For Aluminum, Add	*4.75*	
		For Galvanized Steel, Add	*16.36*	
		For 304 Stainless Steel, Add	*75.21*	
05 12 23 00-0612	LF	MC12 x 40 - 12" Wide Channel	76.86	36.24
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-5.55*	
		For >500 To 1,000, Deduct	*-8.68*	
		For >1,000, Deduct	*-11.81*	
		For 316 Stainless Steel, Add	*91.30*	
		For Aluminum, Add	*5.14*	
		For Galvanized Steel, Add	*17.69*	
		For 304 Stainless Steel, Add	*81.31*	
05 12 23 00-0613	LF	MC12 x 45 - 12" Wide Channel	86.47	40.78
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-6.24*	
		For >500 To 1,000, Deduct	*-9.76*	
		For >1,000, Deduct	*-13.28*	
		For 316 Stainless Steel, Add	*102.72*	
		For Aluminum, Add	*5.78*	
		For Galvanized Steel, Add	*19.90*	
		For 304 Stainless Steel, Add	*91.49*	
05 12 23 00-0614	LF	MC12 x 50 - 12" Wide Channel	96.08	45.31
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-6.93*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.76*	
		For 316 Stainless Steel, Add	*114.14*	
		For Aluminum, Add	*6.42*	
		For Galvanized Steel, Add	*22.12*	
		For 304 Stainless Steel, Add	*101.66*	
05 12 23 00-0615	LF	MC13 x 31.8 - 13" Wide Channel	61.10	28.81
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-4.41*	
		For >500 To 1,000, Deduct	*-6.90*	
		For >1,000, Deduct	*-9.39*	
		For 316 Stainless Steel, Add	*72.58*	
		For Aluminum, Add	*4.08*	
		For Galvanized Steel, Add	*14.06*	
		For 304 Stainless Steel, Add	*64.64*	
05 12 23 00-0616	LF	MC13 x 35 - 13" Wide Channel	67.26	31.71
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-4.85*	
		For >500 To 1,000, Deduct	*-7.59*	
		For >1,000, Deduct	*-10.33*	
		For 316 Stainless Steel, Add	*79.90*	
		For Aluminum, Add	*4.49*	
		For Galvanized Steel, Add	*15.48*	
		For 304 Stainless Steel, Add	*71.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0617	LF	MC13 x 40 - 13" Wide Channel	76.86	36.24
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-5.55*	
		For >500 To 1,000, Deduct	*-8.68*	
		For >1,000, Deduct	*-11.81*	
		For 316 Stainless Steel, Add	*91.30*	
		For Aluminum, Add	*5.14*	
		For Galvanized Steel, Add	*17.69*	
		For 304 Stainless Steel, Add	*81.31*	
05 12 23 00-0618	LF	MC13 x 50 - 13" Wide Channel	96.08	45.31
		For >100 To 250, Deduct	*-4.53*	
		For >250 To 500, Deduct	*-6.93*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.76*	
		For 316 Stainless Steel, Add	*114.14*	
		For Aluminum, Add	*6.42*	
		For Galvanized Steel, Add	*22.12*	
		For 304 Stainless Steel, Add	*101.66*	
05 12 23 00-0619	LF	MC18 x 42.7 - 18" Wide Channel	82.05	38.70
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-5.92*	
		For >500 To 1,000, Deduct	*-9.26*	
		For >1,000, Deduct	*-12.60*	
		For 316 Stainless Steel, Add	*97.47*	
		For Aluminum, Add	*5.48*	
		For Galvanized Steel, Add	*18.89*	
		For 304 Stainless Steel, Add	*86.81*	
05 12 23 00-0620	LF	MC18 x 45.8 - 18" Wide Channel	88.00	41.50
		For >100 To 250, Deduct	*-4.15*	
		For >250 To 500, Deduct	*-6.35*	
		For >500 To 1,000, Deduct	*-9.93*	
		For >1,000, Deduct	*-13.52*	
		For 316 Stainless Steel, Add	*104.54*	
		For Aluminum, Add	*5.88*	
		For Galvanized Steel, Add	*20.26*	
		For 304 Stainless Steel, Add	*93.11*	
05 12 23 00-0621	LF	MC18 x 51.9 - 18" Wide Channel	99.72	47.03
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-11.26*	
		For >1,000, Deduct	*-15.32*	
		For 316 Stainless Steel, Add	*118.46*	
		For Aluminum, Add	*6.66*	
		For Galvanized Steel, Add	*22.95*	
		For 304 Stainless Steel, Add	*105.51*	
05 12 23 00-0622	LF	MC18 x 58 - 18" Wide Channel	111.44	52.55
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-8.04*	
		For >500 To 1,000, Deduct	*-12.58*	
		For >1,000, Deduct	*-17.12*	
		For 316 Stainless Steel, Add	*132.38*	
		For Aluminum, Add	*7.45*	
		For Galvanized Steel, Add	*25.65*	
		For 304 Stainless Steel, Add	*117.90*	

05 12 23 00-0623 Structural Bar Tees *(05 12 23 00-0437)*

05 12 23 00-0624	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	3.79	2.41
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.69*	
		For 316 Stainless Steel, Add	*1.86*	
		For Aluminum, Add	*0.10*	
		For Galvanized Steel, Add	*0.36*	
		For 304 Stainless Steel, Add	*1.65*	
05 12 23 00-0625	LF	1" x 1" x 1/8" Structural Bar Tee	4.57	2.84
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.82*	
		For 316 Stainless Steel, Add	*2.53*	
		For Aluminum, Add	*0.14*	
		For Galvanized Steel, Add	*0.49*	
		For 304 Stainless Steel, Add	*2.25*	
05 12 23 00-0626	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	6.64	3.28
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.05*	
		For 316 Stainless Steel, Add	*7.23*	
		For Aluminum, Add	*0.41*	
		For Galvanized Steel, Add	*1.40*	
		For 304 Stainless Steel, Add	*6.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0627	LF	2" x 2" x 1/4" Structural Bar Tee	9.10	4.30
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.40*	
		For 316 Stainless Steel, Add	*10.78*	
		For Aluminum, Add	*0.61*	
		For Galvanized Steel, Add	*2.09*	
		For 304 Stainless Steel, Add	*9.60*	
05 12 23 00-0628	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	12.96	5.17
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000, Deduct	*-1.84*	
		For 316 Stainless Steel, Add	*19.36*	
		For Aluminum, Add	*1.09*	
		For Galvanized Steel, Add	*3.75*	
		For 304 Stainless Steel, Add	*17.24*	
05 12 23 00-0629	LF	3" x 3" x 3/8" Structural Bar Tee	16.10	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.31*	
		For 316 Stainless Steel, Add	*23.23*	
		For Aluminum, Add	*1.31*	
		For Galvanized Steel, Add	*4.50*	
		For 304 Stainless Steel, Add	*20.69*	

05 12 23 00-0630 Structural Zees *(05 12 23 00-0437)*

05 12 23 00-0631	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	7.75	3.28
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.13*	
		For 316 Stainless Steel, Add	*10.78*	
		For Aluminum, Add	*0.61*	
		For Galvanized Steel, Add	*2.09*	
		For 304 Stainless Steel, Add	*9.60*	
05 12 23 00-0632	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	13.28	3.92
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.65*	
		For 316 Stainless Steel, Add	*25.82*	
		For Aluminum, Add	*1.45*	
		For Galvanized Steel, Add	*5.00*	
		For 304 Stainless Steel, Add	*23.00*	
05 12 23 00-0633	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	15.77	4.42
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.92*	
		For 316 Stainless Steel, Add	*31.62*	
		For Aluminum, Add	*1.78*	
		For Galvanized Steel, Add	*6.13*	
		For 304 Stainless Steel, Add	*28.16*	
05 12 23 00-0634	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	20.70	5.05
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.39*	
		For 316 Stainless Steel, Add	*44.70*	
		For Aluminum, Add	*2.51*	
		For Galvanized Steel, Add	*8.66*	
		For 304 Stainless Steel, Add	*39.81*	
05 12 23 00-0635	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	26.24	5.50
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-2.05*	
		For >1,000, Deduct	*-2.88*	
		For 316 Stainless Steel, Add	*60.51*	
		For Aluminum, Add	*3.40*	
		For Galvanized Steel, Add	*11.72*	
		For 304 Stainless Steel, Add	*53.89*	

05 12 23 00-0636 Junior I-Beams *(05 12 23 00-0437)*

05 12 23 00-0637	LF	3" Junior I-Beam, 2.9 LB/LF	10.76	4.73
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.60*	
		For 316 Stainless Steel, Add	*14.24*	
		For Aluminum, Add	*0.80*	
		For Galvanized Steel, Add	*2.76*	
		For 304 Stainless Steel, Add	*12.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0638	LF	4" Junior I-Beam, 3.2 LB/LF	11.82	5.17
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.75*	
		For 316 Stainless Steel, Add	*15.71*	
		For Aluminum, Add	*0.88*	
		For Galvanized Steel, Add	*3.04*	
		For 304 Stainless Steel, Add	*13.99*	
05 12 23 00-0639	LF	5" Junior I-Beam, 3.8 LB/LF	13.40	5.69
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000, Deduct	*-1.95*	
		For 316 Stainless Steel, Add	*18.62*	
		For Aluminum, Add	*1.05*	
		For Galvanized Steel, Add	*3.61*	
		For 304 Stainless Steel, Add	*16.59*	
05 12 23 00-0640	LF	6" Junior I-Beam, 4.4 LB/LF	14.99	6.19
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.16*	
		For 316 Stainless Steel, Add	*21.57*	
		For Aluminum, Add	*1.21*	
		For Galvanized Steel, Add	*4.18*	
		For 304 Stainless Steel, Add	*19.21*	
05 12 23 00-0641	LF	7" Junior I-Beam, 5.5 LB/LF	17.27	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.40*	
		For 316 Stainless Steel, Add	*26.98*	
		For Aluminum, Add	*1.52*	
		For Galvanized Steel, Add	*5.23*	
		For 304 Stainless Steel, Add	*24.03*	
05 12 23 00-0642	LF	8" Junior I-Beam, 6.5 LB/LF	19.39	7.08
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.19*	
		For >500 To 1,000, Deduct	*-1.91*	
		For >1,000, Deduct	*-2.63*	
		For 316 Stainless Steel, Add	*31.87*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.18*	
		For 304 Stainless Steel, Add	*28.39*	
05 12 23 00-0643	LF	10" Junior I-Beam, 9 LB/LF	24.58	8.08
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.19*	
		For 316 Stainless Steel, Add	*44.16*	
		For Aluminum, Add	*2.48*	
		For Galvanized Steel, Add	*8.56*	
		For 304 Stainless Steel, Add	*39.33*	
05 12 23 00-0644	LF	12" Junior I-Beam, 11.8 LB/LF	30.88	9.60
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.73*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000, Deduct	*-3.91*	
		For 316 Stainless Steel, Add	*57.89*	
		For Aluminum, Add	*3.26*	
		For Galvanized Steel, Add	*11.22*	
		For 304 Stainless Steel, Add	*51.56*	

05 12 23 00-0645 Round Stock *(05 12 23 00-0437)*

05 12 23 00-0646	LF	1/4" Carbon Steel Rounds, ASTM A108	1.54	
		For 316 Stainless Steel, Add	*2.21*	
		For Aluminum, Add	*0.12*	
		For Galvanized Steel, Add	*0.43*	
		For 304 Stainless Steel, Add	*1.97*	
05 12 23 00-0647	LF	3/8" Carbon Steel Rounds, ASTM A108	2.32	
		For 316 Stainless Steel, Add	*4.35*	
		For Aluminum, Add	*0.24*	
		For Galvanized Steel, Add	*0.84*	
		For 304 Stainless Steel, Add	*3.88*	
05 12 23 00-0648	LF	1/2" Carbon Steel Rounds, ASTM A108	3.14	
		For 316 Stainless Steel, Add	*6.66*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.29*	
		For 304 Stainless Steel, Add	*5.93*	
05 12 23 00-0649	LF	5/8" Carbon Steel Rounds, ASTM A108	4.63	
		For 316 Stainless Steel, Add	*11.07*	
		For Aluminum, Add	*0.62*	
		For Galvanized Steel, Add	*2.15*	
		For 304 Stainless Steel, Add	*9.86*	
05 12 23 00-0650	LF	3/4" Carbon Steel Rounds, ASTM A108	5.51	
		For 316 Stainless Steel, Add	*13.15*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*11.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0651	LF	7/8" Carbon Steel Rounds, ASTM A108	6.42	
		For 316 Stainless Steel, Add	*15.36*	
		For Aluminum, Add	*0.86*	
		For Galvanized Steel, Add	*2.98*	
		For 304 Stainless Steel, Add	*13.68*	
05 12 23 00-0652	LF	1" Carbon Steel Rounds, ASTM A108	9.23	
		For 316 Stainless Steel, Add	*23.42*	
		For Aluminum, Add	*1.32*	
		For Galvanized Steel, Add	*4.54*	
		For 304 Stainless Steel, Add	*20.86*	
05 12 23 00-0653	LF	1-1/8" Carbon Steel Rounds, ASTM A108	11.23	
		For 316 Stainless Steel, Add	*28.45*	
		For Aluminum, Add	*1.60*	
		For Galvanized Steel, Add	*5.51*	
		For 304 Stainless Steel, Add	*25.34*	
05 12 23 00-0654	LF	1-1/4" Carbon Steel Rounds, ASTM A108	13.47	
		For 316 Stainless Steel, Add	*33.47*	
		For Aluminum, Add	*1.88*	
		For Galvanized Steel, Add	*6.49*	
		For 304 Stainless Steel, Add	*29.81*	
05 12 23 00-0655	LF	1-3/8" Carbon Steel Rounds, ASTM A108	16.28	
		For 316 Stainless Steel, Add	*40.86*	
		For Aluminum, Add	*2.30*	
		For Galvanized Steel, Add	*7.92*	
		For 304 Stainless Steel, Add	*36.39*	
05 12 23 00-0656	LF	1-1/2" Carbon Steel Rounds, ASTM A108	18.21	
		For 316 Stainless Steel, Add	*44.80*	
		For Aluminum, Add	*2.52*	
		For Galvanized Steel, Add	*8.68*	
		For 304 Stainless Steel, Add	*39.90*	
05 12 23 00-0657	LF	1-5/8" Carbon Steel Rounds, ASTM A108	21.13	
		For 316 Stainless Steel, Add	*50.78*	
		For Aluminum, Add	*2.86*	
		For Galvanized Steel, Add	*9.84*	
		For 304 Stainless Steel, Add	*45.23*	
05 12 23 00-0658	LF	1-3/4" Carbon Steel Rounds, ASTM A108	25.49	
		For 316 Stainless Steel, Add	*59.10*	
		For Aluminum, Add	*3.32*	
		For Galvanized Steel, Add	*11.45*	
		For 304 Stainless Steel, Add	*52.64*	
05 12 23 00-0659	LF	1-7/8" Carbon Steel Rounds, ASTM A108	30.89	
		For 316 Stainless Steel, Add	*69.22*	
		For Aluminum, Add	*3.89*	
		For Galvanized Steel, Add	*13.41*	
		For 304 Stainless Steel, Add	*61.65*	
05 12 23 00-0660	LF	2" Carbon Steel Rounds, ASTM A108	35.46	
		For 316 Stainless Steel, Add	*76.99*	
		For Aluminum, Add	*4.33*	
		For Galvanized Steel, Add	*14.92*	
		For 304 Stainless Steel, Add	*68.57*	
05 12 23 00-0661	LF	2-1/8" Carbon Steel Rounds, ASTM A108	41.65	
		For 316 Stainless Steel, Add	*87.94*	
		For Aluminum, Add	*4.95*	
		For Galvanized Steel, Add	*17.04*	
		For 304 Stainless Steel, Add	*78.32*	
05 12 23 00-0662	LF	2-1/4" Carbon Steel Rounds, ASTM A108	47.19	
		For 316 Stainless Steel, Add	*98.88*	
		For Aluminum, Add	*5.56*	
		For Galvanized Steel, Add	*19.16*	
		For 304 Stainless Steel, Add	*88.07*	
05 12 23 00-0663	LF	2-3/8" Carbon Steel Rounds, ASTM A108	54.07	
		For 316 Stainless Steel, Add	*113.09*	
		For Aluminum, Add	*6.36*	
		For Galvanized Steel, Add	*21.91*	
		For 304 Stainless Steel, Add	*100.72*	
05 12 23 00-0664	LF	2-1/2" Carbon Steel Rounds, ASTM A108	60.08	
		For 316 Stainless Steel, Add	*121.89*	
		For Aluminum, Add	*6.86*	
		For Galvanized Steel, Add	*23.62*	
		For 304 Stainless Steel, Add	*108.56*	
05 12 23 00-0665	LF	2-5/8" Carbon Steel Rounds, ASTM A108	72.82	
		For 316 Stainless Steel, Add	*154.82*	
		For Aluminum, Add	*8.71*	
		For Galvanized Steel, Add	*30.00*	
		For 304 Stainless Steel, Add	*137.88*	
05 12 23 00-0666	LF	2-3/4" Carbon Steel Rounds, ASTM A108	82.87	
		For 316 Stainless Steel, Add	*176.54*	
		For Aluminum, Add	*9.93*	
		For Galvanized Steel, Add	*34.21*	
		For 304 Stainless Steel, Add	*157.23*	
05 12 23 00-0667	LF	2-7/8 Carbon Steel Rounds, ASTM A108	92.43	
		For 316 Stainless Steel, Add	*196.74*	
		For Aluminum, Add	*11.07*	
		For Galvanized Steel, Add	*38.12*	
		For 304 Stainless Steel, Add	*175.22*	
05 12 23 00-0668	LF	3" Carbon Steel Rounds, ASTM A108	97.54	
		For 316 Stainless Steel, Add	*202.66*	
		For Aluminum, Add	*11.40*	
		For Galvanized Steel, Add	*39.26*	
		For 304 Stainless Steel, Add	*180.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0669	LF	3-1/8" Carbon Steel Rounds, ASTM A108	102.20	
		For 316 Stainless Steel, Add	*207.14*	
		For Aluminum, Add	*11.65*	
		For Galvanized Steel, Add	*40.13*	
		For 304 Stainless Steel, Add	*184.48*	
05 12 23 00-0670	LF	3-1/4" Carbon Steel Rounds, ASTM A108	108.10	
		For 316 Stainless Steel, Add	*215.58*	
		For Aluminum, Add	*12.13*	
		For Galvanized Steel, Add	*41.77*	
		For 304 Stainless Steel, Add	*192.00*	
05 12 23 00-0671	LF	3-1/2" Carbon Steel Rounds, ASTM A108	130.28	
		For 316 Stainless Steel, Add	*273.54*	
		For Aluminum, Add	*15.39*	
		For Galvanized Steel, Add	*53.00*	
		For 304 Stainless Steel, Add	*243.62*	
05 12 23 00-0672	LF	3-5/8" Carbon Steel Rounds, ASTM A108	144.50	
		For 316 Stainless Steel, Add	*306.02*	
		For Aluminum, Add	*17.21*	
		For Galvanized Steel, Add	*59.29*	
		For 304 Stainless Steel, Add	*272.55*	
05 12 23 00-0673	LF	3-3/4" Carbon Steel Rounds, ASTM A108	155.23	
		For 316 Stainless Steel, Add	*327.33*	
		For Aluminum, Add	*18.41*	
		For Galvanized Steel, Add	*63.42*	
		For 304 Stainless Steel, Add	*291.53*	
05 12 23 00-0674	LF	4" Carbon Steel Rounds, ASTM A108	173.48	
		For 316 Stainless Steel, Add	*372.67*	
		For Aluminum, Add	*20.96*	
		For Galvanized Steel, Add	*72.21*	
		For 304 Stainless Steel, Add	*331.91*	

05 12 23 00-0675 Square Stock *(05 12 23 00-0437)*

05 12 23 00-0676	LF	3/8" Square Bar Stock	1.30	
		For 316 Stainless Steel, Add	*1.09*	
		For Aluminum, Add	*0.06*	
		For Galvanized Steel, Add	*0.21*	
		For 304 Stainless Steel, Add	*0.97*	
05 12 23 00-0677	LF	1/2" Square Bar Stock	1.66	
		For 316 Stainless Steel, Add	*1.92*	
		For Aluminum, Add	*0.11*	
		For Galvanized Steel, Add	*0.37*	
		For 304 Stainless Steel, Add	*1.71*	
05 12 23 00-0678	LF	5/8" Square Bar Stock	2.11	
		For 316 Stainless Steel, Add	*3.01*	
		For Aluminum, Add	*0.17*	
		For Galvanized Steel, Add	*0.58*	
		For 304 Stainless Steel, Add	*2.68*	
05 12 23 00-0679	LF	3/4" Square Bar Stock	2.76	
		For 316 Stainless Steel, Add	*4.35*	
		For Aluminum, Add	*0.24*	
		For Galvanized Steel, Add	*0.84*	
		For 304 Stainless Steel, Add	*3.88*	
05 12 23 00-0680	LF	7/8" Square Bar Stock	3.51	
		For 316 Stainless Steel, Add	*6.05*	
		For Aluminum, Add	*0.34*	
		For Galvanized Steel, Add	*1.17*	
		For 304 Stainless Steel, Add	*5.39*	
05 12 23 00-0681	LF	1" Square Bar Stock	4.33	
		For 316 Stainless Steel, Add	*7.74*	
		For Aluminum, Add	*0.44*	
		For Galvanized Steel, Add	*1.50*	
		For 304 Stainless Steel, Add	*6.90*	
05 12 23 00-0682	LF	1-1/4" Square Bar Stock	6.79	
		For 316 Stainless Steel, Add	*12.10*	
		For Aluminum, Add	*0.68*	
		For Galvanized Steel, Add	*2.34*	
		For 304 Stainless Steel, Add	*10.77*	
05 12 23 00-0683	LF	1-1/2" Square Bar Stock	9.65	
		For 316 Stainless Steel, Add	*17.41*	
		For Aluminum, Add	*0.98*	
		For Galvanized Steel, Add	*3.37*	
		For 304 Stainless Steel, Add	*15.50*	
05 12 23 00-0684	LF	1-3/4" Square Bar Stock	14.59	
		For 316 Stainless Steel, Add	*24.22*	
		For Aluminum, Add	*1.36*	
		For Galvanized Steel, Add	*4.69*	
		For 304 Stainless Steel, Add	*21.57*	
05 12 23 00-0685	LF	2" Square Bar Stock	21.47	
		For 316 Stainless Steel, Add	*30.98*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*6.00*	
		For 304 Stainless Steel, Add	*27.59*	

05 12 23 00-0686 Steel Tubing *(05 12 23 00-0437)*
Note: General purpose low-carbon steel.

05 12 23 00-0687 Square Steel Tubing *(05 12 23 00-0686)*

05 12 23 00-0688 0.06" Wall Thickness *(05 12 23 00-0687)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0689	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	1.49	0.45
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000, Deduct	*-0.19*	
		For Galvanized Steel, Add	*0.55*	
05 12 23 00-0690	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	2.30	0.71
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.29*	
		For Galvanized Steel, Add	*0.84*	
05 12 23 00-0691	LF	1" x 1" x 0.06" Square Steel Tubing	3.10	1.29
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.39*	
		For Galvanized Steel, Add	*1.12*	
05 12 23 00-0692	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	4.08	1.23
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.51*	
		For Galvanized Steel, Add	*1.51*	
05 12 23 00-0693	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	4.85	1.49
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000, Deduct	*-0.61*	
		For Galvanized Steel, Add	*1.78*	

05 12 23 00-0694 0.083" Wall Thickness *(05 12 23 00-0687)*

05 12 23 00-0695	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	2.68	0.84
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.34*	
		For Galvanized Steel, Add	*0.97*	
05 12 23 00-0696	LF	1" x 1" x 0.083" Square Steel Tubing	3.88	1.15
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.48*	
		For Galvanized Steel, Add	*1.46*	
05 12 23 00-0697	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	4.71	1.46
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.60*	
		For Galvanized Steel, Add	*1.72*	
05 12 23 00-0698	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	5.71	1.77
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000, Deduct	*-0.72*	
		For Galvanized Steel, Add	*2.08*	
05 12 23 00-0699	LF	2" x 2" x 0.083" Square Steel Tubing	7.35	2.36
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000, Deduct	*-0.94*	
		For Galvanized Steel, Add	*2.61*	

05 12 23 00-0700 0.12" Wall Thickness *(05 12 23 00-0687)*

05 12 23 00-0701	LF	1" x 1" x 0.12" Square Steel Tubing	4.31	1.36
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.55*	
		For Galvanized Steel, Add	*1.55*	
05 12 23 00-0702	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	5.57	1.75
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.71*	
		For Galvanized Steel, Add	*2.00*	
05 12 23 00-0703	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	6.83	2.13
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.87*	
		For Galvanized Steel, Add	*2.47*	
05 12 23 00-0704	LF	2" x 2" x 0.12" Square Steel Tubing	9.25	2.91
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.18*	
		For Galvanized Steel, Add	*3.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0705		1/8" Wall Thickness *(05 12 23 00-0687)*		
05 12 23 00-0706	LF	2" x 2" x 1/8" Square Steel Tubing	8.50	3.02
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000, Deduct	*-1.14*	
		For Galvanized Steel, Add	*2.77*	
05 12 23 00-0707	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	11.14	3.83
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000, Deduct	*-1.47*	
		For Galvanized Steel, Add	*3.74*	
05 12 23 00-0708	LF	3" x 3" x 1/8" Square Steel Tubing	13.13	4.63
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.76*	
		For Galvanized Steel, Add	*4.31*	
05 12 23 00-0709	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	15.25	5.44
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.05*	
		For Galvanized Steel, Add	*4.95*	
05 12 23 00-0710	LF	4" x 4" x 1/8" Square Steel Tubing	16.91	6.25
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.68*	
		For >1,000, Deduct	*-2.31*	
		For Galvanized Steel, Add	*5.32*	
05 12 23 00-0711		3/16" Wall Thickness *(05 12 23 00-0687)*		
05 12 23 00-0712	LF	2" x 2" x 3/16" Square Steel Tubing	9.64	3.41
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.29*	
		For Galvanized Steel, Add	*3.16*	
05 12 23 00-0713	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	12.47	4.41
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.67*	
		For Galvanized Steel, Add	*4.09*	
05 12 23 00-0714	LF	3" x 3" x 3/16" Square Steel Tubing	15.33	5.43
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.05*	
		For Galvanized Steel, Add	*5.02*	
05 12 23 00-0715	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	18.19	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.44*	
		For Galvanized Steel, Add	*5.96*	
05 12 23 00-0716	LF	4" x 4" x 3/16" Square Steel Tubing	21.02	7.44
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000, Deduct	*-2.82*	
		For Galvanized Steel, Add	*6.88*	
05 12 23 00-0717	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	23.87	8.45
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.20*	
		For Galvanized Steel, Add	*7.82*	
05 12 23 00-0718	LF	5" x 5" x 3/16" Square Steel Tubing	26.71	9.45
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.58*	
		For Galvanized Steel, Add	*8.75*	
05 12 23 00-0719	LF	6" x 6" x 3/16" Square Steel Tubing	32.42	11.47
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.96*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.34*	
		For Galvanized Steel, Add	*10.62*	
05 12 23 00-0720		1/4" Wall Thickness *(05 12 23 00-0687)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0721	LF	2" x 2" x 1/4" Square Steel Tubing	10.19	3.41
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.33*	
		For Galvanized Steel, Add	*3.49*	
05 12 23 00-0722	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	13.39	4.49
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.75*	
		For Galvanized Steel, Add	*4.59*	
05 12 23 00-0723	LF	3" x 3" x 1/4" Square Steel Tubing	16.58	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.17*	
		For Galvanized Steel, Add	*5.68*	
05 12 23 00-0724	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	19.78	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For Galvanized Steel, Add	*6.78*	
05 12 23 00-0725	LF	4" x 4" x 1/4" Square Steel Tubing	22.98	7.71
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.01*	
		For Galvanized Steel, Add	*7.87*	
05 12 23 00-0726	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	26.19	8.79
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.43*	
		For Galvanized Steel, Add	*8.97*	
05 12 23 00-0727	LF	5" x 5" x 1/4" Square Steel Tubing	29.41	9.87
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-2.79*	
		For >1,000, Deduct	*-3.85*	
		For Galvanized Steel, Add	*10.08*	
05 12 23 00-0728	LF	6" x 6" x 1/4" Square Steel Tubing	35.81	12.01
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-3.39*	
		For >1,000, Deduct	*-4.69*	
		For Galvanized Steel, Add	*12.27*	

05 12 23 00-0729 Rectangular Steel Tubing *(05 12 23 00-0686)*

05 12 23 00-0730 3/16" Wall Thickness *(05 12 23 00-0729)*

05 12 23 00-0731	LF	3" x 2" x 3/16" Square Steel Tubing	12.47	4.41
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.67*	
		For Galvanized Steel, Add	*4.09*	
05 12 23 00-0732	LF	4" x 2" x 3/16" Square Steel Tubing	15.33	5.43
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.05*	
		For Galvanized Steel, Add	*5.02*	
05 12 23 00-0733	LF	4" x 3" x 3/16" Square Steel Tubing	18.19	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.44*	
		For Galvanized Steel, Add	*5.96*	
05 12 23 00-0734	LF	5" x 2" x 3/16" Square Steel Tubing	18.19	6.43
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.44*	
		For Galvanized Steel, Add	*5.96*	
05 12 23 00-0735	LF	5" x 3" x 3/16" Square Steel Tubing	21.02	7.44
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000, Deduct	*-2.82*	
		For Galvanized Steel, Add	*6.88*	
05 12 23 00-0736	LF	5" x 4" x 3/16" Square Steel Tubing	23.87	8.45
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.20*	
		For Galvanized Steel, Add	*7.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0737	LF	6" x 2" x 3/16" Square Steel Tubing	21.02	7.44
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.04*	
		For >1,000, Deduct	*-2.82*	
		For Galvanized Steel, Add	*6.88*	
05 12 23 00-0738	LF	6" x 3" x 3/16" Square Steel Tubing	23.87	8.45
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.44*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.20*	
		For Galvanized Steel, Add	*7.82*	
05 12 23 00-0739	LF	6" x 4" x 3/16" Square Steel Tubing	26.71	9.45
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.58*	
		For Galvanized Steel, Add	*8.75*	

05 12 23 00-0740 1/4" Wall Thickness *(05 12 23 00-0729)*

05 12 23 00-0741	LF	3" x 2" x 1/4" Square Steel Tubing	13.39	4.49
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000, Deduct	*-1.75*	
		For Galvanized Steel, Add	*4.59*	
05 12 23 00-0742	LF	4" x 2" x 1/4" Square Steel Tubing	16.58	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.17*	
		For Galvanized Steel, Add	*5.68*	
05 12 23 00-0743	LF	4" x 3" x 1/4" Square Steel Tubing	19.78	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For Galvanized Steel, Add	*6.78*	
05 12 23 00-0744	LF	5" x 2" x 1/4" Square Steel Tubing	19.78	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.59*	
		For Galvanized Steel, Add	*6.78*	
05 12 23 00-0745	LF	5" x 3" x 1/4" Square Steel Tubing	22.98	7.71
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.01*	
		For Galvanized Steel, Add	*7.87*	
05 12 23 00-0746	LF	5" x 4" x 1/4" Square Steel Tubing	26.19	8.79
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.43*	
		For Galvanized Steel, Add	*8.97*	
05 12 23 00-0747	LF	6" x 2" x 1/4" Square Steel Tubing	22.98	7.71
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.01*	
		For Galvanized Steel, Add	*7.87*	
05 12 23 00-0748	LF	6" x 3" x 1/4" Square Steel Tubing	26.19	8.79
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.53*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.43*	
		For Galvanized Steel, Add	*8.97*	
05 12 23 00-0749	LF	6" x 4" x 1/4" Square Steel Tubing	29.41	9.87
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-2.79*	
		For >1,000, Deduct	*-3.85*	
		For Galvanized Steel, Add	*10.08*	

05 12 23 00-0750 Round Steel Tubing *(05 12 23 00-0686)*

05 12 23 00-0751 0.065" Wall Thickness *(05 12 23 00-0750)*

05 12 23 00-0752	LF	1" Diameter x 0.065" Round Steel Tubing	2.68	0.82
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.34*	
		For Galvanized Steel, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0753	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	3.40	1.04
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.43*	
		For Galvanized Steel, Add	*1.25*	
05 12 23 00-0754	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	4.11	1.26
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.52*	
		For Galvanized Steel, Add	*1.51*	
05 12 23 00-0755	LF	2" Diameter x 0.065" Round Steel Tubing	5.53	1.70
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.70*	
		For Galvanized Steel, Add	*2.03*	
05 12 23 00-0756	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	6.97	2.13
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.88*	
		For Galvanized Steel, Add	*2.55*	
05 12 23 00-0757	LF	3" Diameter x 0.065" Round Steel Tubing	8.39	2.58
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.06*	
		For Galvanized Steel, Add	*3.08*	
05 12 23 00-0758	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	9.83	3.01
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.24*	
		For Galvanized Steel, Add	*3.60*	
05 12 23 00-0759	LF	4" Diameter x 0.065" Round Steel Tubing	11.26	3.45
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.42*	
		For Galvanized Steel, Add	*4.13*	

05 12 23 00-0760 0.083" Wall Thickness *(05 12 23 00-0750)*

05 12 23 00-0761	LF	1" Diameter x 0.083" Round Steel Tubing	2.91	0.90
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000, Deduct	*-0.37*	
		For Galvanized Steel, Add	*1.06*	
05 12 23 00-0762	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	3.70	1.15
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000, Deduct	*-0.47*	
		For Galvanized Steel, Add	*1.35*	
05 12 23 00-0763	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	4.49	1.39
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.57*	
		For Galvanized Steel, Add	*1.64*	
05 12 23 00-0764	LF	2" Diameter x 0.083" Round Steel Tubing	6.09	1.88
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.77*	
		For Galvanized Steel, Add	*2.22*	
05 12 23 00-0765	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	7.67	2.37
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000, Deduct	*-0.97*	
		For Galvanized Steel, Add	*2.80*	
05 12 23 00-0766	LF	3" Diameter x 0.083" Round Steel Tubing	9.26	2.86
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.17*	
		For Galvanized Steel, Add	*3.37*	
05 12 23 00-0767	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	10.84	3.35
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.37*	
		For Galvanized Steel, Add	*3.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0768	LF	4" Diameter x 0.083" Round Steel Tubing	12.42	3.84
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.13*	
		For >1,000, Deduct	*-1.57*	
		For Galvanized Steel, Add	*4.53*	
05 12 23 00-0769		0.125" Wall Thickness *(05 12 23 00-0750)*		
05 12 23 00-0770	LF	2" Diameter x 0.125" Round Steel Tubing	6.67	2.38
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.90*	
		For Galvanized Steel, Add	*2.18*	
05 12 23 00-0771	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	8.46	3.00
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.14*	
		For Galvanized Steel, Add	*2.76*	
05 12 23 00-0772	LF	3" Diameter x 0.125" Round Steel Tubing	10.23	3.63
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.37*	
		For Galvanized Steel, Add	*3.34*	
05 12 23 00-0773	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	12.01	4.27
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.61*	
		For Galvanized Steel, Add	*3.92*	
05 12 23 00-0774	LF	4" Diameter x 0.125" Round Steel Tubing	13.78	4.90
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000, Deduct	*-1.85*	
		For Galvanized Steel, Add	*4.50*	
05 12 23 00-0775		Flat Steel Bar *(05 12 23 00-0437)*		
05 12 23 00-0776		1/8" Thick *(05 12 23 00-0775)*		
05 12 23 00-0777	LF	1/8" Thick x 1" Wide Flat Steel Bar	2.16	1.18
		For Galvanized Steel, Add	*0.24*	
05 12 23 00-0778	LF	1/8" Thick x 2" Wide Flat Steel Bar	3.30	1.77
		For Galvanized Steel, Add	*0.40*	
05 12 23 00-0779	LF	1/8" Thick x 4" Wide Flat Steel Bar	4.92	2.50
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0780	LF	1/8" Thick x 6" Wide Flat Steel Bar	6.67	3.38
		For Galvanized Steel, Add	*0.99*	
05 12 23 00-0781		3/16" Thick *(05 12 23 00-0775)*		
05 12 23 00-0782	LF	3/16" Thick x 1" Wide Flat Steel Bar	2.79	1.47
		For Galvanized Steel, Add	*0.37*	
05 12 23 00-0783	LF	3/16" Thick x 2" Wide Flat Steel Bar	4.33	2.19
		For Galvanized Steel, Add	*0.64*	
05 12 23 00-0784	LF	3/16" Thick x 4" Wide Flat Steel Bar	5.52	2.53
		For Galvanized Steel, Add	*1.08*	
05 12 23 00-0785	LF	3/16" Thick x 6" Wide Flat Steel Bar	7.66	3.50
		For Galvanized Steel, Add	*1.49*	
05 12 23 00-0786		1/4" Thick *(05 12 23 00-0775)*		
05 12 23 00-0787	LF	1/4" Thick x 1" Wide Flat Steel Bar	2.92	1.55
		For Galvanized Steel, Add	*0.37*	
05 12 23 00-0788	LF	1/4" Thick x 2" Wide Flat Steel Bar	4.67	2.33
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0789	LF	1/4" Thick x 4" Wide Flat Steel Bar	6.30	2.65
		For Galvanized Steel, Add	*1.43*	
05 12 23 00-0790	LF	1/4" Thick x 6" Wide Flat Steel Bar	9.18	3.93
		For Galvanized Steel, Add	*2.03*	
05 12 23 00-0791		3/8" Thick *(05 12 23 00-0775)*		
05 12 23 00-0792	LF	3/8" Thick x 1" Wide Flat Steel Bar	3.55	1.74
		For Galvanized Steel, Add	*0.58*	
05 12 23 00-0793	LF	3/8" Thick x 2" Wide Flat Steel Bar	5.64	2.61
		For Galvanized Steel, Add	*1.06*	
05 12 23 00-0794	LF	3/8" Thick x 4" Wide Flat Steel Bar	7.90	2.98
		For Galvanized Steel, Add	*2.12*	
05 12 23 00-0795	LF	3/8" Thick x 6" Wide Flat Steel Bar	11.44	4.41
		For Galvanized Steel, Add	*2.98*	
05 12 23 00-0796		1/2" Thick *(05 12 23 00-0775)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0797	LF	1/2" Thick x 1" Wide Flat Steel Bar	4.07	1.91
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0798	LF	1/2" Thick x 2" Wide Flat Steel Bar	6.50	2.88
		For Galvanized Steel, Add	*1.35*	
05 12 23 00-0799	LF	1/2" Thick x 4" Wide Flat Steel Bar	8.64	3.27
		For Galvanized Steel, Add	*2.31*	
05 12 23 00-0800	LF	1/2" Thick x 6" Wide Flat Steel Bar	14.71	4.86
		For Galvanized Steel, Add	*4.60*	

05 12 23 00-0801 Flat Steel Plate *(05 12 23 00-0437)*

05 12 23 00-0802	SF	1/8" Thick Flat Steel Plate	10.42	5.07
		For 316 Stainless Steel, Add	*8.96*	
		For Aluminum, Add	*0.50*	
		For Galvanized Steel, Add	*1.74*	
		For 304 Stainless Steel, Add	*7.98*	
05 12 23 00-0803	SF	3/16" Thick Flat Steel Plate	11.39	5.25
		For 316 Stainless Steel, Add	*11.20*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.17*	
		For 304 Stainless Steel, Add	*9.98*	
05 12 23 00-0804	SF	1/4" Thick Flat Steel Plate	13.30	5.89
		For 316 Stainless Steel, Add	*14.27*	
		For Aluminum, Add	*0.80*	
		For Galvanized Steel, Add	*2.77*	
		For 304 Stainless Steel, Add	*12.71*	
05 12 23 00-0805	SF	3/8" Thick Flat Steel Plate	16.96	6.62
		For 316 Stainless Steel, Add	*22.43*	
		For Aluminum, Add	*1.26*	
		For Galvanized Steel, Add	*4.35*	
		For 304 Stainless Steel, Add	*19.98*	
05 12 23 00-0806	SF	1/2" Thick Flat Steel Plate	19.67	7.29
		For 316 Stainless Steel, Add	*27.94*	
		For Aluminum, Add	*1.57*	
		For Galvanized Steel, Add	*5.41*	
		For 304 Stainless Steel, Add	*24.88*	
05 12 23 00-0807	SF	3/4" Thick Flat Steel Plate	30.04	9.02
		For 316 Stainless Steel, Add	*52.38*	
		For Aluminum, Add	*2.95*	
		For Galvanized Steel, Add	*10.15*	
		For 304 Stainless Steel, Add	*46.65*	
05 12 23 00-0808	SF	1" Thick Flat Steel Plate	39.50	11.28
		For 316 Stainless Steel, Add	*71.71*	
		For Aluminum, Add	*4.03*	
		For Galvanized Steel, Add	*13.89*	
		For 304 Stainless Steel, Add	*63.87*	

05 14 Structural Aluminum Framing *(05 10)*

05 14 16 Structural Aluminum Framing *(05 14)*

05 14 16 00-0001 Rolled Or Plate Shapes *(05 14 16)*

Note: 1" through 10" member.

05 14 16 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	7.62	4.02
05 14 16 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	7.37	2.71

05 14 16 00-0004 Aluminum Extrusions *(05 14 16)*

05 14 16 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	6.81	2.71
05 14 16 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	7.04	2.71

05 14 16 00-0007 Aluminum Tubing *(05 14 16)*

05 14 16 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	8.01	2.85
05 14 16 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	10.48	4.63
05 14 16 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	11.81	5.05
05 14 16 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	13.71	5.90
05 14 16 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	15.19	6.31
05 14 16 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	27.80	8.00
05 14 16 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	23.72	7.16

05 14 16 00-0015 Columns *(05 14 16)*

Note: Baked on paint finish, load bearing.

05 14 16 00-0016 Round Columns *(05 14 16 00-0015)*

05 14 16 00-0017	LF	6" Diameter Aluminum Column	21.67	5.46
05 14 16 00-0018	LF	8" Diameter Aluminum Column	28.79	7.82
05 14 16 00-0019	LF	10" Diameter Aluminum Column	34.16	8.80
05 14 16 00-0020	LF	12" Diameter Aluminum Column	46.15	9.20
05 14 16 00-0021	LF	15" Diameter Aluminum Column	57.54	10.67
05 14 16 00-0022	EA	6" Diameter Aluminum Base And Cap	40.44	10.18
05 14 16 00-0023	EA	8" Diameter Aluminum Base And Cap	45.45	10.99
05 14 16 00-0024	EA	10" Diameter Aluminum Base And Cap	55.28	12.21
05 14 16 00-0025	EA	12" Diameter Aluminum Base And Cap	85.33	13.03
05 14 16 00-0026	EA	15" Diameter Aluminum Base And Cap	123.44	14.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 16 00-0027		Octagonal Columns *(05 14 16 00-0015)*		
05 14 16 00-0028	LF	6" Diameter Aluminum Column	22.65	5.46
05 14 16 00-0029	LF	8" Diameter Aluminum Column	31.42	7.82
05 14 16 00-0030	LF	10" Diameter Aluminum Column	37.47	8.80
05 14 16 00-0031	LF	12" Diameter Aluminum Column	51.71	9.20
05 14 16 00-0032	LF	15" Diameter Aluminum Column	64.80	10.67
05 14 16 00-0033	EA	6" Diameter Aluminum Base And Cap	44.45	10.18
05 14 16 00-0034	EA	8" Diameter Aluminum Base And Cap	50.15	10.99
05 14 16 00-0035	EA	10" Diameter Aluminum Base And Cap	61.45	12.21
05 14 16 00-0036	EA	12" Diameter Aluminum Base And Cap	97.19	13.03
05 14 16 00-0037	EA	15" Diameter Aluminum Base And Cap	142.43	14.25
05 14 16 00-0038		Fluted Columns *(05 14 16 00-0015)*		
05 14 16 00-0039	LF	6" Diameter Aluminum Column	24.42	5.46
05 14 16 00-0040	LF	8" Diameter Aluminum Column	33.78	7.82
05 14 16 00-0041	LF	10" Diameter Aluminum Column	40.46	8.80
05 14 16 00-0042	LF	12" Diameter Aluminum Column	56.72	9.20
05 14 16 00-0043	LF	15" Diameter Aluminum Column	71.33	10.67
05 14 16 00-0044	EA	6" Diameter Aluminum Base And Cap	48.07	10.18
05 14 16 00-0045	EA	8" Diameter Aluminum Base And Cap	54.37	10.99
05 14 16 00-0046	EA	10" Diameter Aluminum Base And Cap	67.00	12.21
05 14 16 00-0047	EA	12" Diameter Aluminum Base And Cap	107.85	13.03
05 14 16 00-0048	EA	15" Diameter Aluminum Base And Cap	159.52	14.25
05 14 16 00-0049		Square Columns *(05 14 16 00-0015)*		
05 14 16 00-0050	LF	6" Aluminum Column	25.64	5.46
05 14 16 00-0051	LF	8" Aluminum Column	35.39	7.82
05 14 16 00-0052	LF	10" Aluminum Column	42.50	8.80
05 14 16 00-0053	LF	12" Aluminum Column	60.14	9.20
05 14 16 00-0054	LF	15" Aluminum Column	75.80	10.67
05 14 16 00-0055	EA	6" Aluminum Base And Cap	50.54	10.18
05 14 16 00-0056	EA	8" Aluminum Base And Cap	57.26	10.99
05 14 16 00-0057	EA	10" Aluminum Base And Cap	70.80	12.21
05 14 16 00-0058	EA	12" Aluminum Base And Cap	115.15	13.03
05 14 16 00-0059	EA	15" Aluminum Base And Cap	171.21	14.25
05 14 16 00-0060		Ornamental Or Decorative Cap And Bases *(05 14 16 00-0015)*		
05 14 16 00-0061	EA	8" Corinthian Capital And Base	228.84	12.21
05 14 16 00-0062	EA	10" Corinthian Capital And Base	332.04	14.25
05 14 16 00-0063	EA	12" Corinthian Capital And Base	517.37	16.29
05 14 16 00-0064	EA	8" Scamozzi Capital And Base	121.40	12.21
05 14 16 00-0065	EA	10" Scamozzi Capital And Base	159.96	14.25
05 14 16 00-0066	EA	12" Scamozzi Capital And Base	306.16	16.29

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	0.98	0.08
		For >500, Deduct	*-0.17*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.33	0.08
		For >500, Deduct	*-0.22*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.60	0.17
		For >500, Deduct	*-0.26*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.94	0.17
		For >500, Deduct	*-0.30*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.28	0.25
		For >500, Deduct	*-0.34*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.79	0.33
		For >500, Deduct	*-0.41*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.35	0.33
		For >500, Deduct	*-0.49*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.65	0.59
		For >500, Deduct	*-0.66*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.27	0.67
		For >500, Deduct	*-0.89*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.84	0.93
		For >500, Deduct	*-1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.70	1.18
		For >500, Deduct	*-1.35*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.82	1.43
		For >500, Deduct	*-1.64*	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.15	0.08
		For >500, Deduct	*-0.20*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.50	0.08
		For >500, Deduct	*-0.26*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.87	0.17
		For >500, Deduct	*-0.31*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.15	0.17
		For >500, Deduct	*-0.34*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.58	0.25
		For >500, Deduct	*-0.40*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.00	0.33
		For >500, Deduct	*-0.45*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.52	0.33
		For >500, Deduct	*-0.52*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.15	0.59
		For >500, Deduct	*-0.76*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.63	0.67
		For >500, Deduct	*-0.96*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.19	0.93
		For >500, Deduct	*-1.17*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.49	1.18
		For >500, Deduct	*-1.50*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.74	1.43
		For >500, Deduct	*-1.83*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	0.92	0.08
		For >500, Deduct	*-0.16*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.26	0.08
		For >500, Deduct	*-0.21*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.51	0.17
		For >500, Deduct	*-0.24*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.79	0.17
		For >500, Deduct	*-0.27*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.18	0.25
		For >500, Deduct	*-0.32*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.75	0.33
		For >500, Deduct	*-0.40*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.23	0.33
		For >500, Deduct	*-0.46*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.54	0.59
		For >500, Deduct	*-0.64*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.62	0.67
		For >500, Deduct	*-0.76*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	7.16	0.93
		For >500, Deduct	*-0.96*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	0.91	0.08
		For >500, Deduct	*-0.15*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.21	0.08
		For >500, Deduct	*-0.20*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.51	0.17
		For >500, Deduct	*-0.24*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.79	0.17
		For >500, Deduct	*-0.27*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.26	0.25
		For >500, Deduct	*-0.34*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.72	0.33
		For >500, Deduct	*-0.39*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.40	0.33
		For >500, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.74	0.59
		For >500, Deduct	*-0.68*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.23	0.67
		For >500, Deduct	*-0.88*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.71	0.93
		For >500, Deduct	*-1.07*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.69	0.17
		For >500, Deduct	*-0.27*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.01	0.17
		For >500, Deduct	*-0.31*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.38	0.25
		For >500, Deduct	*-0.36*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.18	0.33
		For >500, Deduct	*-0.49*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.54	0.33
		For >500, Deduct	*-0.52*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.84	0.59
		For >500, Deduct	*-0.70*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.25	0.67
		For >500, Deduct	*-0.89*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.23	0.93
		For >500, Deduct	*-1.17*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.99	1.18
		For >500, Deduct	*-1.41*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.06	1.43
		For >500, Deduct	*-1.69*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.74	0.17
		For >500, Deduct	*-0.28*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.12	0.17
		For >500, Deduct	*-0.34*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.53	0.25
		For >500, Deduct	*-0.39*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.51	0.33
		For >500, Deduct	*-0.55*	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.59	0.33
		For >500, Deduct	*-0.53*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.95	0.59
		For >500, Deduct	*-0.72*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.58	0.67
		For >500, Deduct	*-0.95*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.34	0.93
		For >500, Deduct	*-1.19*	

05 15 16 00-0069 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope *(05 15 16)*

05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	1.75	0.08
		For >500, Deduct	*-0.32*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	1.91	0.08
		For >500, Deduct	*-0.34*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.26	0.17
		For >500, Deduct	*-0.39*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.03	0.17
		For >500, Deduct	*-0.52*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.44	0.17
		For >500, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.04	0.33
		For >500, Deduct	*-0.66*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.82	0.33
		For >500, Deduct	*-0.78*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.64	0.50
		For >500, Deduct	*-1.07*	

05 15 16 00-0078 7x7, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.22	0.06
		For >500, Deduct	*-0.03*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.25	0.07
		For >500, Deduct	*-0.03*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.28	0.08
		For >500, Deduct	*-0.03*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.32	0.08
		For >500, Deduct	*-0.04*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.40	0.08
		For >500, Deduct	*-0.05*	

05 15 16 00-0084 7x19, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.38	0.08
		For >500, Deduct	*-0.05*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.41	0.08
		For >500, Deduct	*-0.06*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.47	0.08
		For >500, Deduct	*-0.06*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.54	0.08
		For >500, Deduct	*-0.08*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.83	0.08
		For >500, Deduct	*-0.12*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.11	0.08
		For >500, Deduct	*-0.16*	

05 15 16 00-0091 Heavy Duty, Galvanized Steel, Wire Rope Thimbles *(05 15 16)*

05 15 16 00-0092	EA	1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	9.54	2.53
05 15 16 00-0093	EA	5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	10.24	2.53
05 15 16 00-0094	EA	3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	11.00	2.53
05 15 16 00-0095	EA	7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.12	2.53
05 15 16 00-0096	EA	1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.13	2.53
05 15 16 00-0097	EA	9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.13	2.53
05 15 16 00-0098	EA	5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.84	2.53
05 15 16 00-0099	EA	3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	24.04	3.88
05 15 16 00-0100	EA	7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	28.66	4.71
05 15 16 00-0101	EA	1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	49.80	7.75
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	70.39	10.53
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	70.39	10.53

05 15 16 00-0104 Galvanized Steel, Wire Rope Clips *(05 15 16)*

05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	11.09	2.53
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	11.26	2.53
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	12.39	2.53
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	12.57	2.53
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	12.82	2.53
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	15.25	2.53
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	15.44	2.53
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	17.29	2.53
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	17.54	2.53
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	24.48	3.37
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	37.06	5.05
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	40.15	5.05
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	47.96	6.73
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	69.81	10.11

05 15 16 00-0119 Steel, Open Swage Sockets *(05 15 16)*

05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	38.98	2.53
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	60.25	2.53
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	63.59	3.37
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	76.78	4.21
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	76.78	4.21
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	118.51	9.26
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	118.51	9.26
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	162.12	17.69
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	220.53	25.26
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	317.31	38.74
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	436.53	60.63
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	508.54	69.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	32.18	2.53
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	42.07	2.53
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	42.07	2.53
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	53.21	3.37
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	54.14	3.37
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	77.43	5.90
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	81.44	6.73
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	104.43	10.94
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	138.97	16.00
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	198.50	21.89
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	251.26	30.31
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	352.66	47.15
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	62.42	2.53
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	65.26	2.53
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	65.26	2.53
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	76.50	5.05
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	76.50	5.05
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	104.34	8.42
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	104.34	8.42
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	136.33	12.63
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	207.89	21.05
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	366.28	32.84
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	459.66	53.05
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	619.38	69.89
05 15 16 00-0158		**Galvanized Steel, Closed Spelter Sockets** *(05 15 16)*		
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	53.01	2.53
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	53.32	2.53
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	53.32	2.53
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	62.57	4.21
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	62.57	4.21
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	91.36	7.58
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	91.36	7.58
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	116.40	10.94
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	171.29	16.84
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	260.43	26.10
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	342.19	35.36
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	436.27	47.15
05 15 16 00-0171		**Forged Steel, Jaw And Jaw Turnbuckles** *(05 15 16)*		
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	37.77	2.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-4.40*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	40.21	2.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-4.77*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	44.73	2.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-5.45*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	51.92	3.37
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-5.67*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	67.82	4.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-7.54*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	77.21	5.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.54*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	81.15	6.73
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.29*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	98.47	6.73
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-10.56*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	110.93	7.58
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-12.13*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	109.86	9.26
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-11.10*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	126.78	10.94
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-12.37*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	153.37	11.79
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-15.79*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	184.59	14.31
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-18.98*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	216.91	20.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-20.51*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	261.31	23.58
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.16*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	223.83	20.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-21.55*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	262.64	26.10
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-23.61*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	352.98	32.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-33.51*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	398.70	38.74
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.84*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	452.23	47.15
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-39.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	538.57	53.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-49.21*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	682.13	60.63
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-66.23*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	684.68	64.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-63.84*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	778.37	84.21
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-66.23*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,312.11	109.46
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-133.66*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,225.21	210.51
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-207.48*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	9.96
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	10.00
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	10.91
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	12.91
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	12.87
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	16.82
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	19.48
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	25.47
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	32.82
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	46.42
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	54.85
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	96.18
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	109.97
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	135.11

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	12.32
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	11.47
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	14.44
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	10.70
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	13.35
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.69
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	18.28
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.52
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.00
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.51
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	15.11
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	12.76
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	15.65
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	20.27
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.19
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.10
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.69
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	20.18
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.11
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.56
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.39
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.03
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.37
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.35
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.24
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.99
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.55
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.25
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.47
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.45
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	49.97

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.37	0.06
		For >500, Deduct	*-0.06*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.49	0.07
		For >500, Deduct	*-0.08*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.69	0.08
		For >500, Deduct	*-0.11*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.94	0.08
		For >500, Deduct	*-0.16*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	1.20	0.08
		For >500, Deduct	*-0.21*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.81	0.08
		For >500, Deduct	*-0.14*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.95	0.08
		For >500, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.12	0.08
		For >500, Deduct	*-0.19*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.52	0.08
		For >500, Deduct	*-0.28*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	2.31	0.08
		For >500, Deduct	*-0.42*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	3.49	0.17
		For >500, Deduct	*-0.63*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.37	0.06
		For >500, Deduct	*-0.06*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.49	0.07
		For >500, Deduct	*-0.08*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.69	0.08
		For >500, Deduct	*-0.11*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.94	0.08
		For >500, Deduct	*-0.16*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	1.20	0.08
		For >500, Deduct	*-0.21*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.81	0.08
		For >500, Deduct	*-0.14*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.95	0.08
		For >500, Deduct	*-0.16*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.12	0.08
		For >500, Deduct	*-0.19*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.52	0.08
		For >500, Deduct	*-0.28*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	2.31	0.08
		For >500, Deduct	*-0.42*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	3.49	0.08
		For >500, Deduct	*-0.63*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,201.01	143.50
		For Welded Cross Bridging, Add	*179.37*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*192.37*	
05 21 19 00-0002	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,020.07	134.53
		For Welded Cross Bridging, Add	*159.44*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*178.63*	
05 21 19 00-0003	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	2,438.49	134.53
		For Welded Cross Bridging, Add	*165.57*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*226.39*	
05 21 19 00-0004	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	2,773.88	134.53
		For Welded Cross Bridging, Add	*165.57*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*266.64*	
05 21 19 00-0005	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,442.56	134.53
		For Welded Cross Bridging, Add	*179.37*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*221.36*	
05 21 19 00-0006	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,067.35	134.53
		For Welded Cross Bridging, Add	*165.57*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*301.85*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required, 07 22 16 00-0001 for roof insulation.

05 31 00 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31)*

05 31 00 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	1.71	
		For Painted, Deduct	*-0.05*	
		For Perforated Or Slotted, Add	*0.05*	
		For Up To 100, Add	*0.81*	
		For >100 To 500, Add	*0.38*	
		For >500 To 1,500, Add	*0.18*	
05 31 00 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	1.82	
		For Painted, Deduct	*-0.05*	
		For Perforated Or Slotted, Add	*0.05*	
		For Up To 100, Add	*0.86*	
		For >100 To 500, Add	*0.41*	
		For >500 To 1,500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	2.03	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*0.99*	
		For >100 To 500, Add	*0.46*	
		For >500 To 1,500, Add	*0.22*	
05 31 00 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	2.21	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*1.11*	
		For >100 To 500, Add	*0.52*	
		For >500 To 1,500, Add	*0.25*	
05 31 00 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	2.03	
		For Painted, Deduct	*-0.06*	
		For Perforated Or Slotted, Add	*0.06*	
		For Up To 100, Add	*0.88*	
		For >100 To 500, Add	*0.43*	
		For >500 To 1,500, Add	*0.19*	
05 31 00 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	2.13	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*0.92*	
		For >100 To 500, Add	*0.45*	
		For >500 To 1,500, Add	*0.20*	
05 31 00 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	2.26	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.01*	
		For >100 To 500, Add	*0.49*	
		For >500 To 1,500, Add	*0.22*	
05 31 00 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	2.43	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Up To 100, Add	*1.13*	
		For >100 To 500, Add	*0.54*	
		For >500 To 1,500, Add	*0.25*	
05 31 00 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	2.55	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.56*	
		For >500 To 1,500, Add	*0.26*	
05 31 00 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	2.76	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.23*	
		For >100 To 500, Add	*0.59*	
		For >500 To 1,500, Add	*0.27*	
05 31 00 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.16	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.29*	
05 31 00 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	3.51	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.53*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.33*	

05 31 00 00-0014 Open Ribbed Galvanized Steel Deck *(05 31)*

05 31 00 00-0015	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	2.27	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Site Installed Insulation Between Ribs, Add	*0.64*	
		For Up To 100, Add	*1.08*	
		For >100 To 500, Add	*0.51*	
		For >500 To 1,500, Add	*0.24*	
05 31 00 00-0016	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	2.60	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Site Installed Insulation Between Ribs, Add	*0.73*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.59*	
		For >500 To 1,500, Add	*0.28*	
05 31 00 00-0017	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	3.25	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Site Installed Insulation Between Ribs, Add	*0.91*	
		For Up To 100, Add	*1.54*	
		For >100 To 500, Add	*0.73*	
		For >500 To 1,500, Add	*0.34*	
05 31 00 00-0018	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	2.51	
		For Painted, Deduct	*-0.07*	
		For Perforated Or Slotted, Add	*0.07*	
		For Site Installed Insulation Between Ribs, Add	*0.71*	
		For Up To 100, Add	*1.21*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1,500, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0019	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	2.89	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Site Installed Insulation Between Ribs, Add	*0.81*	
		For Up To 100, Add	*1.40*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.31*	
05 31 00 00-0020	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	3.60	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Site Installed Insulation Between Ribs, Add	*1.01*	
		For Up To 100, Add	*1.71*	
		For >100 To 500, Add	*0.81*	
		For >500 To 1,500, Add	*0.38*	
05 31 00 00-0021	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.07	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Site Installed Insulation Between Ribs, Add	*0.86*	
		For Up To 100, Add	*1.38*	
		For >100 To 500, Add	*0.66*	
		For >500 To 1,500, Add	*0.30*	
05 31 00 00-0022	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.56	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Site Installed Insulation Between Ribs, Add	*0.99*	
		For Up To 100, Add	*1.57*	
		For >100 To 500, Add	*0.76*	
		For >500 To 1,500, Add	*0.34*	
05 31 00 00-0023	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.42	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Site Installed Insulation Between Ribs, Add	*1.23*	
		For Up To 100, Add	*1.94*	
		For >100 To 500, Add	*0.94*	
		For >500 To 1,500, Add	*0.42*	
05 31 00 00-0024	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	5.52	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Site Installed Insulation Between Ribs, Add	*1.53*	
		For Up To 100, Add	*2.37*	
		For >100 To 500, Add	*1.16*	
		For >500 To 1,500, Add	*0.51*	
05 31 00 00-0025	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	7.37	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Site Installed Insulation Between Ribs, Add	*1.98*	
		For Up To 100, Add	*2.37*	
		For >100 To 500, Add	*1.28*	
		For >500 To 1,500, Add	*0.45*	
05 31 00 00-0026	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	9.28	
		For Painted, Deduct	*-0.35*	
		For Perforated Or Slotted, Add	*0.35*	
		For Site Installed Insulation Between Ribs, Add	*2.49*	
		For Up To 100, Add	*2.92*	
		For >100 To 500, Add	*1.59*	
		For >500 To 1,500, Add	*0.55*	
05 31 00 00-0027	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	8.15	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Site Installed Insulation Between Ribs, Add	*2.16*	
		For Up To 100, Add	*2.27*	
		For >100 To 500, Add	*1.30*	
		For >500 To 1,500, Add	*0.41*	
05 31 00 00-0028	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	8.77	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Site Installed Insulation Between Ribs, Add	*2.34*	
		For Up To 100, Add	*2.70*	
		For >100 To 500, Add	*1.48*	
		For >500 To 1,500, Add	*0.51*	
05 31 00 00-0029	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	10.90	
		For Painted, Deduct	*-0.42*	
		For Perforated Or Slotted, Add	*0.42*	
		For Site Installed Insulation Between Ribs, Add	*2.91*	
		For Up To 100, Add	*3.30*	
		For >100 To 500, Add	*1.83*	
		For >500 To 1,500, Add	*0.61*	
05 31 00 00-0030	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	9.68	
		For Painted, Deduct	*-0.37*	
		For Perforated Or Slotted, Add	*0.37*	
		For Site Installed Insulation Between Ribs, Add	*2.59*	
		For Up To 100, Add	*2.96*	
		For >100 To 500, Add	*1.63*	
		For >500 To 1,500, Add	*0.55*	
05 31 00 00-0031	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	12.02	
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Site Installed Insulation Between Ribs, Add	*3.21*	
		For Up To 100, Add	*3.62*	
		For >100 To 500, Add	*2.01*	
		For >500 To 1,500, Add	*0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 31 00 00-0032 Cellular Galvanized Steel Deck *(05 31)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 00 00-0033	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	6.55	
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Insulated Cells, Add	*1.09*	
		For Site Installed Insulation Between Ribs, Add	*1.77*	
		For Up To 100, Add	*2.19*	
		For >100 To 500, Add	*1.17*	
		For >500 To 1,500, Add	*0.43*	
05 31 00 00-0034	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	7.39	
		For Painted, Deduct	*-0.26*	
		For Perforated Or Slotted, Add	*0.26*	
		For Insulated Cells, Add	*1.16*	
		For Site Installed Insulation Between Ribs, Add	*2.02*	
		For Up To 100, Add	*2.76*	
		For >100 To 500, Add	*1.41*	
		For >500 To 1,500, Add	*0.56*	
05 31 00 00-0035	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	7.84	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.36*	
		For Site Installed Insulation Between Ribs, Add	*2.10*	
		For Up To 100, Add	*2.39*	
		For >100 To 500, Add	*1.32*	
		For >500 To 1,500, Add	*0.45*	
05 31 00 00-0036	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	8.78	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.44*	
		For Site Installed Insulation Between Ribs, Add	*2.37*	
		For Up To 100, Add	*3.01*	
		For >100 To 500, Add	*1.59*	
		For >500 To 1,500, Add	*0.59*	
05 31 00 00-0037	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	9.09	
		For Painted, Deduct	*-0.35*	
		For Perforated Or Slotted, Add	*0.35*	
		For Insulated Cells, Add	*1.55*	
		For Site Installed Insulation Between Ribs, Add	*2.44*	
		For Up To 100, Add	*2.87*	
		For >100 To 500, Add	*1.56*	
		For >500 To 1,500, Add	*0.55*	
05 31 00 00-0038	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	10.77	
		For Painted, Deduct	*-0.41*	
		For Perforated Or Slotted, Add	*0.41*	
		For Insulated Cells, Add	*1.86*	
		For Site Installed Insulation Between Ribs, Add	*2.88*	
		For Up To 100, Add	*3.32*	
		For >100 To 500, Add	*1.82*	
		For >500 To 1,500, Add	*0.62*	
05 31 00 00-0039	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	12.01	
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Insulated Cells, Add	*2.10*	
		For Site Installed Insulation Between Ribs, Add	*3.20*	
		For Up To 100, Add	*3.62*	
		For >100 To 500, Add	*2.01*	
		For >500 To 1,500, Add	*0.67*	
05 31 00 00-0040	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	13.12	
		For Painted, Deduct	*-0.50*	
		For Perforated Or Slotted, Add	*0.50*	
		For Insulated Cells, Add	*2.27*	
		For Site Installed Insulation Between Ribs, Add	*3.51*	
		For Up To 100, Add	*4.05*	
		For >100 To 500, Add	*2.22*	
		For >500 To 1,500, Add	*0.76*	
05 31 00 00-0041	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	13.25	
		For Painted, Deduct	*-0.56*	
		For Perforated Or Slotted, Add	*0.56*	
		For Insulated Cells, Add	*2.50*	
		For Site Installed Insulation Between Ribs, Add	*3.47*	
		For Up To 100, Add	*3.25*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.54*	
05 31 00 00-0042	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	14.27	
		For Painted, Deduct	*-0.59*	
		For Perforated Or Slotted, Add	*0.59*	
		For Insulated Cells, Add	*2.64*	
		For Site Installed Insulation Between Ribs, Add	*3.76*	
		For Up To 100, Add	*3.70*	
		For >100 To 500, Add	*2.19*	
		For >500 To 1,500, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0043	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	15.12	
		For Painted, Deduct	*-0.62*	
		For Perforated Or Slotted, Add	*0.62*	
		For Insulated Cells, Add	*2.79*	
		For Site Installed Insulation Between Ribs, Add	*3.99*	
		For Up To 100, Add	*3.97*	
		For >100 To 500, Add	*2.33*	
		For >500 To 1,500, Add	*0.68*	
05 31 00 00-0044	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	16.14	
		For Painted, Deduct	*-0.66*	
		For Perforated Or Slotted, Add	*0.66*	
		For Insulated Cells, Add	*2.97*	
		For Site Installed Insulation Between Ribs, Add	*4.26*	
		For Up To 100, Add	*4.25*	
		For >100 To 500, Add	*2.49*	
		For >500 To 1,500, Add	*0.73*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.57	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.56*	
		For >500 To 1,500, Add	*0.26*	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	2.77	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.62*	
		For >500 To 1,500, Add	*0.29*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.14	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.59*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.36*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	3.47	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.88*	
		For >100 To 500, Add	*0.86*	
		For >500 To 1,500, Add	*0.43*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.77	
		For Painted, Deduct	*-0.08*	
		For Perforated Or Slotted, Add	*0.08*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.62*	
		For >500 To 1,500, Add	*0.29*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	3.01	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.44*	
		For >100 To 500, Add	*0.68*	
		For >500 To 1,500, Add	*0.32*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.37	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.80*	
		For >500 To 1,500, Add	*0.39*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	3.71	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*2.00*	
		For >100 To 500, Add	*0.91*	
		For >500 To 1,500, Add	*0.45*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	2.91	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.36*	
		For >100 To 500, Add	*0.65*	
		For >500 To 1,500, Add	*0.30*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	3.14	
		For Painted, Deduct	*-0.09*	
		For Perforated Or Slotted, Add	*0.09*	
		For Up To 100, Add	*1.53*	
		For >100 To 500, Add	*0.72*	
		For >500 To 1,500, Add	*0.34*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	3.56	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.85*	
		For >100 To 500, Add	*0.85*	
		For >500 To 1,500, Add	*0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	4.02	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*2.18*	
		For >100 To 500, Add	*1.00*	
		For >500 To 1,500, Add	*0.50*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.71	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Insulated Cells, Add	*0.64*	
		For Up To 100, Add	*2.14*	
		For >100 To 500, Add	*1.03*	
		For >500 To 1,500, Add	*0.46*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	5.07	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.36*	
		For >100 To 500, Add	*1.13*	
		For >500 To 1,500, Add	*0.52*	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.15	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.44*	
		For >100 To 500, Add	*1.16*	
		For >500 To 1,500, Add	*0.54*	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.49	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.70*	
		For Up To 100, Add	*2.68*	
		For >100 To 500, Add	*1.26*	
		For >500 To 1,500, Add	*0.59*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	5.89	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.75*	
		For Up To 100, Add	*2.90*	
		For >100 To 500, Add	*1.36*	
		For >500 To 1,500, Add	*0.64*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	5.97	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.75*	
		For Up To 100, Add	*2.98*	
		For >100 To 500, Add	*1.39*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.33	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.77*	
		For Up To 100, Add	*3.23*	
		For >100 To 500, Add	*1.50*	
		For >500 To 1,500, Add	*0.72*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.89	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.65*	
		For Up To 100, Add	*2.27*	
		For >100 To 500, Add	*1.08*	
		For >500 To 1,500, Add	*0.50*	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	5.18	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.44*	
		For >100 To 500, Add	*1.16*	
		For >500 To 1,500, Add	*0.54*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.25	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.51*	
		For >100 To 500, Add	*1.19*	
		For >500 To 1,500, Add	*0.55*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.66	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.72*	
		For Up To 100, Add	*2.77*	
		For >100 To 500, Add	*1.30*	
		For >500 To 1,500, Add	*0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	6.01	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.76*	
		For Up To 100, Add	*2.99*	
		For >100 To 500, Add	*1.40*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	6.13	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.76*	
		For Up To 100, Add	*3.11*	
		For >100 To 500, Add	*1.44*	
		For >500 To 1,500, Add	*0.69*	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.48	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Insulated Cells, Add	*0.79*	
		For Up To 100, Add	*3.32*	
		For >100 To 500, Add	*1.54*	
		For >500 To 1,500, Add	*0.74*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.91	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.66*	
		For Up To 100, Add	*2.27*	
		For >100 To 500, Add	*1.09*	
		For >500 To 1,500, Add	*0.50*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	5.22	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.48*	
		For >100 To 500, Add	*1.18*	
		For >500 To 1,500, Add	*0.55*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.33	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Insulated Cells, Add	*0.68*	
		For Up To 100, Add	*2.59*	
		For >100 To 500, Add	*1.22*	
		For >500 To 1,500, Add	*0.57*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.72	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Insulated Cells, Add	*0.73*	
		For Up To 100, Add	*2.81*	
		For >100 To 500, Add	*1.32*	
		For >500 To 1,500, Add	*0.62*	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	6.11	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.77*	
		For Up To 100, Add	*3.03*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1,500, Add	*0.67*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	6.27	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Insulated Cells, Add	*0.77*	
		For Up To 100, Add	*3.19*	
		For >100 To 500, Add	*1.48*	
		For >500 To 1,500, Add	*0.71*	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.55	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Insulated Cells, Add	*0.79*	
		For Up To 100, Add	*3.39*	
		For >100 To 500, Add	*1.57*	
		For >500 To 1,500, Add	*0.76*	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized *(05 36)*

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	3.42
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	2.85
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	2.40
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.09
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	3.75
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	3.09
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	2.59
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.26
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	4.35
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	3.53
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	3.00
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.71

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.43	0.76
		For Walls >10' High, Add	*0.69*	
		For Curved Wall, Add	*0.53*	
		For Up To 200, Add	*1.04*	
		For >200 To 500, Add	*0.52*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.82	0.76
		For Walls >10' High, Add	*0.76*	
		For Curved Wall, Add	*0.56*	
		For Up To 200, Add	*1.14*	
		For >200 To 500, Add	*0.57*	
		For 12" On Center, Add	*0.67*	
		For 24" On Center, Deduct	*-0.67*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.97	0.76
		For Walls >10' High, Add	*0.79*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.18*	
		For >200 To 500, Add	*0.59*	
		For 12" On Center, Add	*0.70*	
		For 24" On Center, Deduct	*-0.70*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.96	0.84
		For Walls >10' High, Add	*0.99*	
		For Curved Wall, Add	*0.61*	
		For Up To 200, Add	*1.40*	
		For >200 To 500, Add	*0.70*	
		For 12" On Center, Add	*0.89*	
		For 24" On Center, Deduct	*-0.89*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.50	0.93
		For Walls >10' High, Add	*1.10*	
		For Curved Wall, Add	*0.64*	
		For Up To 200, Add	*1.52*	
		For >200 To 500, Add	*0.76*	
		For 12" On Center, Add	*0.99*	
		For 24" On Center, Deduct	*-0.99*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.69	0.76
		For Walls >10' High, Add	*0.74*	
		For Curved Wall, Add	*0.56*	
		For Up To 200, Add	*1.11*	
		For >200 To 500, Add	*0.56*	
		For 12" On Center, Add	*0.64*	
		For 24" On Center, Deduct	*-0.64*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.22	0.77
		For Walls >10' High, Add	*0.84*	
		For Curved Wall, Add	*0.59*	
		For Up To 200, Add	*1.24*	
		For >200 To 500, Add	*0.62*	
		For 12" On Center, Add	*0.75*	
		For 24" On Center, Deduct	*-0.75*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.45	0.77
		For Walls >10' High, Add	*0.89*	
		For Curved Wall, Add	*0.62*	
		For Up To 200, Add	*1.30*	
		For >200 To 500, Add	*0.65*	
		For 12" On Center, Add	*0.79*	
		For 24" On Center, Deduct	*-0.79*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.52	0.93
		For Walls >10' High, Add	*1.10*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*1.53*	
		For >200 To 500, Add	*0.77*	
		For 12" On Center, Add	*1.00*	
		For 24" On Center, Deduct	*-1.00*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.05	1.01
		For Walls >10' High, Add	*1.21*	
		For Curved Wall, Add	*0.68*	
		For Up To 200, Add	*1.66*	
		For >200 To 500, Add	*0.83*	
		For 12" On Center, Add	*1.10*	
		For 24" On Center, Deduct	*-1.10*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.01	1.06
		For Walls >10' High, Add	*1.00*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*1.47*	
		For >200 To 500, Add	*0.74*	
		For 12" On Center, Add	*0.88*	
		For 24" On Center, Deduct	*-0.88*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.15	1.08
		For Walls >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.72*	
		For Up To 200, Add	*1.51*	
		For >200 To 500, Add	*0.76*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.35	1.14
		For Walls >10' High, Add	*1.27*	
		For Curved Wall, Add	*0.76*	
		For Up To 200, Add	*1.77*	
		For >200 To 500, Add	*0.89*	
		For 12" On Center, Add	*1.14*	
		For 24" On Center, Deduct	*-1.14*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.94	1.19
		For Walls >10' High, Add	*1.39*	
		For Curved Wall, Add	*0.79*	
		For Up To 200, Add	*1.92*	
		For >200 To 500, Add	*0.96*	
		For 12" On Center, Add	*1.26*	
		For 24" On Center, Deduct	*-1.26*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

05 42 33 Cold-Formed Metal Joist Framing *(05 42)*

05 42 33 00-0001 Steel Joists, 20 Gauge *(05 42 33)*

05 42 33 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	6.99	1.83
05 42 33 00-0003	LF	6" - 20 Gauge Steel Joists	7.72	2.29
05 42 33 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	8.36	2.51
05 42 33 00-0005	LF	8" - 20 Gauge Steel Joists	9.33	2.67

05 42 33 00-0006 Steel Joists, 18 Gauge *(05 42 33)*

05 42 33 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	7.78	2.03
05 42 33 00-0008	LF	6" - 18 Gauge Steel Joists	8.62	2.54
05 42 33 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	9.35	2.79
05 42 33 00-0010	LF	8" - 18 Gauge Steel Joists	9.65	2.97

05 42 33 00-0011 Steel Joists, 16 Gauge *(05 42 33)*

05 42 33 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	10.05	2.81
05 42 33 00-0013	LF	8" - 16 Gauge Steel Joists	10.61	2.97

05 42 33 00-0014 Steel Joists, 14 Gauge *(05 42 33)*

05 42 33 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	11.86	2.97
05 42 33 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	12.86	3.13

05 42 33 00-0017 Steel Joists, 12 Gauge *(05 42 33)*

05 42 33 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	14.05	3.27
05 42 33 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	15.32	3.45

05 42 33 00-0020 Steel Joists, 10 Gauge *(05 42 33)*

05 42 33 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	16.26	3.60
05 42 33 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	17.84	3.79

05 42 33 00-0023 Steel Joists, 8 Gauge *(05 42 33)*

05 42 33 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	18.55	3.96
05 42 33 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	20.37	4.17

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	8.53	1.90
		For Galvanizing, Add	*0.80*	
		For Powder Coating, Add	*0.71*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	8.76	1.90
		For Galvanizing, Add	*0.84*	
		For Powder Coating, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	9.12	1.90
		For Galvanizing, Add	*0.90*	
		For Powder Coating, Add	*0.80*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	8.07	1.90
		For Galvanizing, Add	*0.73*	
		For Powder Coating, Add	*0.64*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	7.07	1.90
		For Galvanizing, Add	*0.56*	
		For Powder Coating, Add	*0.49*	

05 43 00 00-0008 Stainless Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0009 304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	16.64	1.90
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	19.78	1.90
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	19.00	1.90
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	23.84	1.90

05 43 00 00-0014 316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	26.81	1.90

05 43 00 00-0016 Unistrut Closure Strips *(05 43)*

05 43 00 00-0017	LF	Raceway Closure Strip For Unistrut Channel	4.40	0.42

05 43 00 00-0018 Lock Nuts With Spring For Unistrut Channel *(05 43)*

Note: Includes hex bolt.

05 43 00 00-0019 Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*

Note: Includes hex bolt.

05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	5.59
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.08
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	6.44
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	8.42

05 43 00 00-0024 Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)*

Note: Includes hex bolt.

05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	10.11
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	10.68
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.62
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	24.18

05 43 00 00-0029 Lock Nuts Without Spring For Unistrut Channel *(05 43)*

Note: Includes hex bolt.

05 43 00 00-0030 Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*

Note: Includes hex bolt.

05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	5.60
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.14
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	6.47
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	8.99

05 43 00 00-0035 Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)*

Note: Includes hex bolt.

05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	7.57
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.89
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	9.58
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	23.59

05 43 00 00-0040 Beam Clamp For Unistrut Channel *(05 43)*

05 43 00 00-0041	EA	Unistrut Beam Clamp, 1-5/8" Channel P2675	16.25	6.31
05 43 00 00-0042	EA	Unistrut Beam Clamp, 1-5/8" Channel P2676	19.61	6.31
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	1.83	

05 43 00 00-0044 Beam Clamp Clevis Hangers *(05 43)*

05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	17.42	6.31
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	20.10	6.31
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	1.83	
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	97.69	8.42

05 43 00 00-0049 Pipe And Rigid Conduit Clamps *(05 43)*

05 43 00 00-0050 Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)*

Note: Includes stainless steel (316) hardware.

05 43 00 00-0051	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.28	1.71
05 43 00 00-0052	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.46	1.71
05 43 00 00-0053	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.30	2.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0054	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.70	2.25
05 43 00 00-0055	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.05	2.53
05 43 00 00-0056	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.05	2.53
05 43 00 00-0057	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	15.17	4.24
05 43 00 00-0058	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	15.52	4.24
05 43 00 00-0059	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.48	4.69
05 43 00 00-0060	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	18.30	5.05

05 43 00 00-0061 Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)*

Note: Includes nylon hardware.

05 43 00 00-0062	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.53	1.71
05 43 00 00-0063	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.72	1.71
05 43 00 00-0064	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.56	2.07
05 43 00 00-0065	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.98	2.25
05 43 00 00-0066	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.48	2.53
05 43 00 00-0067	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.48	2.53
05 43 00 00-0068	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	15.75	4.24
05 43 00 00-0069	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	16.13	4.24
05 43 00 00-0070	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.10	4.69
05 43 00 00-0071	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	19.01	5.05

05 44 Cold-Formed Metal Trusses *(05 40)*

05 44 13 Cold-Formed Metal Roof Trusses *(05 44)*

05 44 13 00-0001 Metal Trusses *(05 44 13)*

05 44 13 00-0002 4:12 Pitch Metal Trusses *(05 44 13 00-0001)*

05 44 13 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	397.43	81.62
		For 4" Chords, Deduct	*-69.94*	
		For 14 Gauge, Add	*96.27*	
		For 16 Gauge, Add	*36.66*	
05 44 13 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	412.30	82.33
		For 4" Chords, Deduct	*-74.31*	
		For 14 Gauge, Add	*100.64*	
		For 16 Gauge, Add	*38.80*	
05 44 13 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	423.99	83.05
		For 4" Chords, Deduct	*-77.63*	
		For 14 Gauge, Add	*104.03*	
		For 16 Gauge, Add	*40.43*	
05 44 13 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	449.04	87.16
		For 4" Chords, Deduct	*-82.81*	
		For 14 Gauge, Add	*110.44*	
		For 16 Gauge, Add	*43.08*	
05 44 13 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	470.91	91.28
		For 4" Chords, Deduct	*-86.95*	
		For 14 Gauge, Add	*115.86*	
		For 16 Gauge, Add	*45.23*	
05 44 13 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	483.05	92.14
		For 4" Chords, Deduct	*-90.30*	
		For 14 Gauge, Add	*119.34*	
		For 16 Gauge, Add	*46.88*	
05 44 13 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	498.36	93.01
		For 4" Chords, Deduct	*-94.71*	
		For 14 Gauge, Add	*123.80*	
		For 16 Gauge, Add	*49.05*	
05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	521.86	97.66
		For 4" Chords, Deduct	*-98.97*	
		For 14 Gauge, Add	*129.55*	
		For 16 Gauge, Add	*51.27*	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	548.52	102.30
		For 4" Chords, Deduct	*-104.28*	
		For 14 Gauge, Add	*136.28*	
		For 16 Gauge, Add	*54.00*	
05 44 13 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	572.01	106.96
		For 4" Chords, Deduct	*-108.55*	
		For 14 Gauge, Add	*142.03*	
		For 16 Gauge, Add	*56.23*	
05 44 13 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	598.67	111.61
		For 4" Chords, Deduct	*-113.86*	
		For 14 Gauge, Add	*148.76*	
		For 16 Gauge, Add	*58.96*	

05 44 13 00-0014 5:12 To 6:12 Pitch Metal Trusses *(05 44 13 00-0001)*

05 44 13 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	479.50	101.55
		For 4" Chords, Deduct	*-82.07*	
		For 14 Gauge, Add	*115.13*	
		For 16 Gauge, Add	*43.21*	
05 44 13 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	495.14	102.53
		For 4" Chords, Deduct	*-86.50*	
		For 14 Gauge, Add	*119.66*	
		For 16 Gauge, Add	*45.39*	
05 44 13 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	510.77	103.50
		For 4" Chords, Deduct	*-90.93*	
		For 14 Gauge, Add	*124.18*	
		For 16 Gauge, Add	*47.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	543.91	110.30
		For 4" Chords, Deduct	*-96.76*	
		For 14 Gauge, Add	*132.21*	
		For 16 Gauge, Add	*50.62*	
05 44 13 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	577.06	117.12
		For 4" Chords, Deduct	*-102.59*	
		For 14 Gauge, Add	*140.24*	
		For 16 Gauge, Add	*53.68*	
05 44 13 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	514.83	118.35
		For 4" Chords, Deduct	*-100.79*	
		For 14 Gauge, Add	*129.19*	
		For 16 Gauge, Add	*51.97*	
05 44 13 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	609.88	119.58
		For 4" Chords, Deduct	*-111.58*	
		For 14 Gauge, Add	*149.60*	
		For 16 Gauge, Add	*58.12*	
05 44 13 00-0022	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	640.54	125.56
		For 4" Chords, Deduct	*-117.21*	
		For 14 Gauge, Add	*157.13*	
		For 16 Gauge, Add	*61.05*	
05 44 13 00-0023	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	671.18	131.54
		For 4" Chords, Deduct	*-122.84*	
		For 14 Gauge, Add	*164.66*	
		For 16 Gauge, Add	*63.98*	
05 44 13 00-0024	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	701.84	137.52
		For 4" Chords, Deduct	*-128.47*	
		For 14 Gauge, Add	*172.19*	
		For 16 Gauge, Add	*66.91*	
05 44 13 00-0025	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	732.49	143.50
		For 4" Chords, Deduct	*-134.10*	
		For 14 Gauge, Add	*179.72*	
		For 16 Gauge, Add	*69.84*	

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*

Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	552.30	24.44
		For Closed Riser, Add	*62.93*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	628.25	28.50
		For Closed Riser, Add	*71.48*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	701.25	33.39
		For Closed Riser, Add	*79.57*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	73.97	4.07

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	276.52	32.58
		For Closed Riser, Add	*32.36*	
		For Galvanized Steel, Add	*52.84*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	296.37	37.47
		For Closed Riser, Add	*34.41*	
		For Galvanized Steel, Add	*55.36*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	329.53	43.99
		For Closed Riser, Add	*38.00*	
		For Galvanized Steel, Add	*60.39*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	52.52	4.07
		For Galvanized Steel, Add	*9.06*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF	20" Wide Vertical Steel Ladder Primed	77.00	9.77
		For Galvanized Steel, Add	*11.58*	
		For Aluminum, Add	*23.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0003	VLF	24" Wide Vertical Steel Ladder Primed	88.73	9.77
		For Galvanized Steel, Add	*14.52*	
		For Aluminum, Add	*29.03*	
05 51 33 13-0004	VLF	20" Wide Vertical Steel Caged Ladder Primed	186.50	16.29
		For Galvanized Steel, Add	*33.65*	
		For Aluminum, Add	*67.29*	
05 51 33 13-0005	VLF	24" Wide Vertical Steel Caged Ladder Primed	209.97	16.29
		For Galvanized Steel, Add	*39.51*	
		For Aluminum, Add	*79.03*	

05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	208.11	30.54
		For Galvanized Steel, Add	*36.76*	
		For Aluminum, Add	*73.51*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	227.31	32.58
		For Galvanized Steel, Add	*40.54*	
		For Aluminum, Add	*81.08*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	290.61	10.18
05 51 33 13-0010	EA	6' Security Ladder Guard	644.29	61.09
05 51 33 13-0011	EA	8' Security Ladder Guard	769.52	71.27
05 51 33 13-0012	EA	Safety Chain Attachment	115.74	

05 51 33 13-0013 Welded Steel Ladder Cages *(05 51 33 13)*

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,195.02	122.17
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,294.39	126.25
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,373.94	130.32
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,458.77	134.40
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,509.22	138.47
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,590.09	142.54
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,661.70	146.61
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,754.47	150.69
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,844.58	154.76
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,918.84	158.83
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,008.97	162.90
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,096.44	166.98
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,182.60	171.05
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,337.51	175.13
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,385.32	179.19
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,466.18	183.26
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,540.44	187.34
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,609.40	191.41
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,760.35	195.49
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,842.55	199.55
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,919.44	203.63

05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages *(05 51 33 13-0013)*

05 51 33 13-0037	EA	7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,758.46	122.17
05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,944.56	126.25
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,253.09	130.32
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,406.37	134.40
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,535.67	138.47
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,706.63	142.54
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,012.63	146.61
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,168.44	150.69
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,329.30	154.76
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,505.31	158.83
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,817.62	162.90
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,974.69	166.98
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,124.20	171.05
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,370.87	175.13
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,647.85	179.19
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,802.39	183.26
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,960.73	187.34
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,108.97	191.41
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,486.91	195.49
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,635.16	199.55
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,787.18	203.63

05 51 33 16 Inclined Metal Ladders *(05 51 33)*

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs *(05 51 33 16)*

Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	207.97	40.73
		For Aluminum, Add	*63.26*	

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0001			**Vertical Ladders With Alternating Tread** *(05 51 33 23)*		
	05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	1,322.70	122.17
			For Stainless Steel, Add	*196.80*	
			For Primed Steel, Deduct	*-191.42*	
	05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	1,505.24	129.51
			For Stainless Steel, Add	*240.90*	
			For Primed Steel, Deduct	*-223.30*	
	05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	1,656.78	129.51
			For Stainless Steel, Add	*288.67*	
			For Primed Steel, Deduct	*-241.55*	
	05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	1,905.54	162.74
			For Stainless Steel, Add	*347.24*	
			For Primed Steel, Deduct	*-256.61*	
	05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	2,082.14	168.51
			For Stainless Steel, Add	*388.99*	
			For Primed Steel, Deduct	*-298.53*	
	05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	2,216.04	168.51
			For Stainless Steel, Add	*453.51*	
			For Primed Steel, Deduct	*-293.53*	
	05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	2,436.47	187.96
			For Stainless Steel, Add	*497.40*	
			For Primed Steel, Deduct	*-327.55*	
	05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	2,586.49	187.96
			For Stainless Steel, Add	*546.61*	
			For Primed Steel, Deduct	*-347.07*	
	05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	2,703.22	187.96
			For Stainless Steel, Add	*623.99*	
			For Primed Steel, Deduct	*-346.65*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe And Tube Railings *(05 52)*

Note: Includes sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and one rail.

	05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	33.96	8.15
			For Schedule 80 Handrail, Add	*2.56*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-3.89*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-4.42*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-5.83*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-6.89*	
			For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
			For Aluminum, Satin Finish, Add	*7.42*	
			For Aluminum, Clear Anodized Finish, Add	*11.49*	
			For Aluminum, Dark Anodized Finish, Add	*13.25*	
			For Galvanizing, Add	*7.07*	
			For Wrought Iron, Add	*3.40*	
			For Solid Steel Rails, Add	*6.79*	
			For 304 Stainless Steel, Add	*56.54*	
			For 316 Stainless Steel, Add	*63.61*	
			For 2" Wheel Guard, Add	*1.68*	
			For 4" High Kick Plate, Add	*2.21*	
			For 6" High Kick Plate, Add	*3.53*	
			For Curved Rail, Add	*15.49*	
			For Mounting On Stairs, Add	*4.21*	
			For Mounting On Slopes, Add	*1.63*	
			For Post Base Flange With Screws, Add Per Post	*19.13*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
			For Custom Design Or Shapes (Square Tops, etc), Add	*12.91*	
			For Nylon Coating, Add	*2.65*	
	05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	37.01	8.15
			For Schedule 80 Handrail, Add	*3.63*	
			For 11 Gauge A513 Steel Tubing, Deduct	*-4.56*	
			For 12 Gauge A513 Steel Tubing, Deduct	*-5.18*	
			For 14 Gauge A513 Steel Tubing, Deduct	*-6.84*	
			For 16 Gauge A513 Steel Tubing, Deduct	*-8.08*	
			For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
			For Aluminum, Satin Finish, Add	*8.70*	
			For Aluminum, Clear Anodized Finish, Add	*13.47*	
			For Aluminum, Dark Anodized Finish, Add	*15.54*	
			For Galvanizing, Add	*8.29*	
			For Wrought Iron, Add	*3.70*	
			For Solid Steel Rails, Add	*7.40*	
			For 304 Stainless Steel, Add	*66.30*	
			For 316 Stainless Steel, Add	*74.59*	
			For 2" Wheel Guard, Add	*1.97*	
			For 4" High Kick Plate, Add	*2.59*	
			For 6" High Kick Plate, Add	*4.14*	
			For Curved Rail, Add	*17.32*	
			For Mounting On Stairs, Add	*4.52*	
			For Mounting On Slopes, Add	*1.63*	
			For Post Base Flange With Screws, Add Per Post	*19.13*	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
			For Custom Design Or Shapes (Square Tops, etc), Add	*14.43*	
			For Nylon Coating, Add	*3.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	40.05	8.15
		For Schedule 80 Handrail, Add	*3.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.23*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.94*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.84*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.27*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*9.98*	
		For Aluminum, Clear Anodized Finish, Add	*15.44*	
		For Aluminum, Dark Anodized Finish, Add	*17.82*	
		For Galvanizing, Add	*9.50*	
		For Wrought Iron, Add	*4.01*	
		For Solid Steel Rails, Add	*8.01*	
		For 304 Stainless Steel, Add	*76.03*	
		For 316 Stainless Steel, Add	*85.54*	
		For 2" Wheel Guard, Add	*2.26*	
		For 4" High Kick Plate, Add	*2.97*	
		For 6" High Kick Plate, Add	*4.75*	
		For Curved Rail, Add	*19.14*	
		For Mounting On Stairs, Add	*4.82*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*15.95*	
		For Nylon Coating, Add	*3.56*	
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	45.33	8.15
		For Schedule 80 Handrail, Add	*4.06*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.39*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.33*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*12.20*	
		For Aluminum, Clear Anodized Finish, Add	*18.88*	
		For Aluminum, Dark Anodized Finish, Add	*21.78*	
		For Galvanizing, Add	*11.62*	
		For Wrought Iron, Add	*4.53*	
		For Solid Steel Rails, Add	*9.07*	
		For 304 Stainless Steel, Add	*92.93*	
		For 316 Stainless Steel, Add	*104.54*	
		For 2" Wheel Guard, Add	*2.76*	
		For 4" High Kick Plate, Add	*3.63*	
		For 6" High Kick Plate, Add	*5.81*	
		For Curved Rail, Add	*22.31*	
		For Mounting On Stairs, Add	*5.35*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*18.59*	
		For Nylon Coating, Add	*4.36*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	51.66	8.15
		For Schedule 80 Handrail, Add	*4.50*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.78*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.84*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.67*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.79*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*14.86*	
		For Aluminum, Clear Anodized Finish, Add	*22.99*	
		For Aluminum, Dark Anodized Finish, Add	*26.53*	
		For Galvanizing, Add	*14.15*	
		For Wrought Iron, Add	*5.17*	
		For Solid Steel Rails, Add	*10.33*	
		For 304 Stainless Steel, Add	*113.18*	
		For 316 Stainless Steel, Add	*127.33*	
		For 2" Wheel Guard, Add	*3.36*	
		For 4" High Kick Plate, Add	*4.42*	
		For 6" High Kick Plate, Add	*7.07*	
		For Curved Rail, Add	*26.11*	
		For Mounting On Stairs, Add	*5.98*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*21.76*	
		For Nylon Coating, Add	*5.31*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and two rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	38.38	8.15
		For Schedule 80 Handrail, Add	*2.56*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.86*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.52*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.62*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*9.28*	
		For Aluminum, Clear Anodized Finish, Add	*14.36*	
		For Aluminum, Dark Anodized Finish, Add	*16.57*	
		For Galvanizing, Add	*8.84*	
		For Wrought Iron, Add	*3.84*	
		For Solid Steel Rails, Add	*7.68*	
		For 304 Stainless Steel, Add	*70.69*	
		For 316 Stainless Steel, Add	*79.52*	
		For 2" Wheel Guard, Add	*2.10*	
		For 4" High Kick Plate, Add	*2.76*	
		For 6" High Kick Plate, Add	*4.42*	
		For Curved Rail, Add	*18.14*	
		For Mounting On Stairs, Add	*4.65*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*15.12*	
		For Nylon Coating, Add	*3.31*	
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	42.18	8.15
		For Schedule 80 Handrail, Add	*3.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.70*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.47*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.54*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.10*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*10.87*	
		For Aluminum, Clear Anodized Finish, Add	*16.83*	
		For Aluminum, Dark Anodized Finish, Add	*19.42*	
		For Galvanizing, Add	*10.36*	
		For Wrought Iron, Add	*4.22*	
		For Solid Steel Rails, Add	*8.44*	
		For 304 Stainless Steel, Add	*82.85*	
		For 316 Stainless Steel, Add	*93.20*	
		For 2" Wheel Guard, Add	*2.46*	
		For 4" High Kick Plate, Add	*3.24*	
		For 6" High Kick Plate, Add	*5.18*	
		For Curved Rail, Add	*20.42*	
		For Mounting On Stairs, Add	*5.03*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*17.02*	
		For Nylon Coating, Add	*3.88*	
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	45.99	8.15
		For Schedule 80 Handrail, Add	*3.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.53*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.43*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.80*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.58*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*12.47*	
		For Aluminum, Clear Anodized Finish, Add	*19.31*	
		For Aluminum, Dark Anodized Finish, Add	*22.28*	
		For Galvanizing, Add	*11.88*	
		For Wrought Iron, Add	*4.60*	
		For Solid Steel Rails, Add	*9.20*	
		For 304 Stainless Steel, Add	*95.04*	
		For 316 Stainless Steel, Add	*106.92*	
		For 2" Wheel Guard, Add	*2.82*	
		For 4" High Kick Plate, Add	*3.71*	
		For 6" High Kick Plate, Add	*5.94*	
		For Curved Rail, Add	*22.71*	
		For Mounting On Stairs, Add	*5.41*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*18.92*	
		For Nylon Coating, Add	*4.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	52.59	8.15
		For Schedule 80 Handrail, Add	*4.06*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.99*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.08*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-14.16*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*15.25*	
		For Aluminum, Clear Anodized Finish, Add	*23.60*	
		For Aluminum, Dark Anodized Finish, Add	*27.23*	
		For Galvanizing, Add	*14.52*	
		For Wrought Iron, Add	*5.26*	
		For Solid Steel Rails, Add	*10.52*	
		For 304 Stainless Steel, Add	*116.16*	
		For 316 Stainless Steel, Add	*130.68*	
		For 2" Wheel Guard, Add	*3.45*	
		For 4" High Kick Plate, Add	*4.54*	
		For 6" High Kick Plate, Add	*7.26*	
		For Curved Rail, Add	*26.67*	
		For Mounting On Stairs, Add	*6.07*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.22*	
		For Nylon Coating, Add	*5.45*	
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	60.50	8.15
		For Schedule 80 Handrail, Add	*4.50*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.73*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.05*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.59*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.24*	
		For Additional Off Set Handrail, ADA Attachment, Add	*11.75*	
		For Aluminum, Satin Finish, Add	*18.57*	
		For Aluminum, Clear Anodized Finish, Add	*28.74*	
		For Aluminum, Dark Anodized Finish, Add	*33.16*	
		For Galvanizing, Add	*17.68*	
		For Wrought Iron, Add	*6.05*	
		For Solid Steel Rails, Add	*12.10*	
		For 304 Stainless Steel, Add	*141.47*	
		For 316 Stainless Steel, Add	*159.16*	
		For 2" Wheel Guard, Add	*4.20*	
		For 4" High Kick Plate, Add	*5.53*	
		For 6" High Kick Plate, Add	*8.84*	
		For Curved Rail, Add	*31.41*	
		For Mounting On Stairs, Add	*6.86*	
		For Mounting On Slopes, Add	*1.63*	
		For Post Base Flange With Screws, Add Per Post	*19.13*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*28.94*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*26.18*	
		For Nylon Coating, Add	*6.63*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	51.12	9.77
		For Schedule 80 Handrail, Add	*3.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.95*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.89*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.42*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.31*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.40*	
		For Aluminum, Satin Finish, Add	*13.26*	
		For Aluminum, Clear Anodized Finish, Add	*20.52*	
		For Aluminum, Dark Anodized Finish, Add	*23.68*	
		For Galvanizing, Add	*12.63*	
		For Wrought Iron, Add	*5.11*	
		For Solid Steel Rails, Add	*10.22*	
		For 304 Stainless Steel, Add	*101.02*	
		For 316 Stainless Steel, Add	*113.65*	
		For 2" Wheel Guard, Add	*3.00*	
		For 4" High Kick Plate, Add	*3.95*	
		For 6" High Kick Plate, Add	*6.31*	
		For Curved Rail, Add	*24.81*	
		For Mounting On Stairs, Add	*6.09*	
		For Mounting On Slopes, Add	*1.96*	
		For Post Base Flange With Screws, Add Per Post	*19.46*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.43*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*20.67*	
		For Nylon Coating, Add	*4.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	56.56	9.77
		For Schedule 80 Handrail, Add	*5.25*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.14*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.25*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.21*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-14.43*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.40*	
		For Aluminum, Satin Finish, Add	*15.54*	
		For Aluminum, Clear Anodized Finish, Add	*24.06*	
		For Aluminum, Dark Anodized Finish, Add	*27.76*	
		For Galvanizing, Add	*14.80*	
		For Wrought Iron, Add	*5.66*	
		For Solid Steel Rails, Add	*11.31*	
		For 304 Stainless Steel, Add	*118.43*	
		For 316 Stainless Steel, Add	*133.24*	
		For 2" Wheel Guard, Add	*3.52*	
		For 4" High Kick Plate, Add	*4.63*	
		For 6" High Kick Plate, Add	*7.40*	
		For Curved Rail, Add	*28.07*	
		For Mounting On Stairs, Add	*6.63*	
		For Mounting On Slopes, Add	*1.96*	
		For Post Base Flange With Screws, Add Per Post	*19.46*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.43*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*23.39*	
		For Nylon Coating, Add	*5.55*	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	62.00	9.77
		For Schedule 80 Handrail, Add	*5.25*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.34*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.61*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.01*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-16.56*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.40*	
		For Aluminum, Satin Finish, Add	*17.83*	
		For Aluminum, Clear Anodized Finish, Add	*27.59*	
		For Aluminum, Dark Anodized Finish, Add	*31.84*	
		For Galvanizing, Add	*16.98*	
		For Wrought Iron, Add	*6.20*	
		For Solid Steel Rails, Add	*12.40*	
		For 304 Stainless Steel, Add	*135.84*	
		For 316 Stainless Steel, Add	*152.82*	
		For 2" Wheel Guard, Add	*4.03*	
		For 4" High Kick Plate, Add	*5.31*	
		For 6" High Kick Plate, Add	*8.49*	
		For Curved Rail, Add	*31.34*	
		For Mounting On Stairs, Add	*7.18*	
		For Mounting On Slopes, Add	*1.96*	
		For Post Base Flange With Screws, Add Per Post	*19.46*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.43*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*26.11*	
		For Nylon Coating, Add	*6.37*	
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	71.45	9.77
		For Schedule 80 Handrail, Add	*5.83*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.42*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.98*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.13*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.24*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.40*	
		For Aluminum, Satin Finish, Add	*21.80*	
		For Aluminum, Clear Anodized Finish, Add	*33.74*	
		For Aluminum, Dark Anodized Finish, Add	*38.93*	
		For Galvanizing, Add	*20.76*	
		For Wrought Iron, Add	*7.15*	
		For Solid Steel Rails, Add	*14.29*	
		For 304 Stainless Steel, Add	*166.08*	
		For 316 Stainless Steel, Add	*186.84*	
		For 2" Wheel Guard, Add	*4.93*	
		For 4" High Kick Plate, Add	*6.49*	
		For 6" High Kick Plate, Add	*10.38*	
		For Curved Rail, Add	*37.01*	
		For Mounting On Stairs, Add	*8.12*	
		For Mounting On Slopes, Add	*1.96*	
		For Post Base Flange With Screws, Add Per Post	*19.46*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.43*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*30.84*	
		For Nylon Coating, Add	*7.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	82.70	9.77
		For Schedule 80 Handrail, Add	*6.41*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.79*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.84*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-24.63*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.40*	
		For Aluminum, Satin Finish, Add	*26.52*	
		For Aluminum, Clear Anodized Finish, Add	*41.05*	
		For Aluminum, Dark Anodized Finish, Add	*47.36*	
		For Galvanizing, Add	*25.26*	
		For Wrought Iron, Add	*8.27*	
		For Solid Steel Rails, Add	*16.54*	
		For 304 Stainless Steel, Add	*202.08*	
		For 316 Stainless Steel, Add	*227.34*	
		For 2" Wheel Guard, Add	*6.00*	
		For 4" High Kick Plate, Add	*7.89*	
		For 6" High Kick Plate, Add	*12.63*	
		For Curved Rail, Add	*43.76*	
		For Mounting On Stairs, Add	*9.25*	
		For Mounting On Slopes, Add	*1.96*	
		For Post Base Flange With Screws, Add Per Post	*19.46*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.43*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*36.46*	
		For Nylon Coating, Add	*9.47*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and four rails.

05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	61.56	11.40
		For Schedule 80 Handrail, Add	*5.30*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.53*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.69*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.79*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.05*	
		For Aluminum, Satin Finish, Add	*16.28*	
		For Aluminum, Clear Anodized Finish, Add	*25.19*	
		For Aluminum, Dark Anodized Finish, Add	*29.06*	
		For Galvanizing, Add	*15.50*	
		For Wrought Iron, Add	*6.16*	
		For Solid Steel Rails, Add	*12.31*	
		For 304 Stainless Steel, Add	*124.00*	
		For 316 Stainless Steel, Add	*139.50*	
		For 2" Wheel Guard, Add	*3.68*	
		For 4" High Kick Plate, Add	*4.84*	
		For 6" High Kick Plate, Add	*7.75*	
		For Curved Rail, Add	*30.09*	
		For Mounting On Stairs, Add	*7.30*	
		For Mounting On Slopes, Add	*2.28*	
		For Post Base Flange With Screws, Add Per Post	*19.78*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.92*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.08*	
		For Nylon Coating, Add	*5.81*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	66.39	11.40
		For Schedule 80 Handrail, Add	*7.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.59*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.90*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.38*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.00*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.05*	
		For Aluminum, Satin Finish, Add	*18.30*	
		For Aluminum, Clear Anodized Finish, Add	*28.33*	
		For Aluminum, Dark Anodized Finish, Add	*32.69*	
		For Galvanizing, Add	*17.43*	
		For Wrought Iron, Add	*6.64*	
		For Solid Steel Rails, Add	*13.28*	
		For 304 Stainless Steel, Add	*139.46*	
		For 316 Stainless Steel, Add	*156.89*	
		For 2" Wheel Guard, Add	*4.14*	
		For 4" High Kick Plate, Add	*5.45*	
		For 6" High Kick Plate, Add	*8.72*	
		For Curved Rail, Add	*32.99*	
		For Mounting On Stairs, Add	*7.78*	
		For Mounting On Slopes, Add	*2.28*	
		For Post Base Flange With Screws, Add Per Post	*19.78*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.92*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*27.49*	
		For Nylon Coating, Add	*6.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	71.22	11.40
		For Schedule 80 Handrail, Add	*7.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.65*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.10*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.98*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.88*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.05*	
		For Aluminum, Satin Finish, Add	*20.33*	
		For Aluminum, Clear Anodized Finish, Add	*31.47*	
		For Aluminum, Dark Anodized Finish, Add	*36.31*	
		For Galvanizing, Add	*19.36*	
		For Wrought Iron, Add	*7.12*	
		For Solid Steel Rails, Add	*14.24*	
		For 304 Stainless Steel, Add	*154.91*	
		For 316 Stainless Steel, Add	*174.28*	
		For 2" Wheel Guard, Add	*4.60*	
		For 4" High Kick Plate, Add	*6.05*	
		For 6" High Kick Plate, Add	*9.68*	
		For Curved Rail, Add	*35.89*	
		For Mounting On Stairs, Add	*8.26*	
		For Mounting On Slopes, Add	*2.28*	
		For Post Base Flange With Screws, Add Per Post	*19.78*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.92*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*29.91*	
		For Nylon Coating, Add	*7.26*	
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	81.97	11.40
		For Schedule 80 Handrail, Add	*7.80*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.79*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.52*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-23.07*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.05*	
		For Aluminum, Satin Finish, Add	*24.85*	
		For Aluminum, Clear Anodized Finish, Add	*38.45*	
		For Aluminum, Dark Anodized Finish, Add	*44.37*	
		For Galvanizing, Add	*23.66*	
		For Wrought Iron, Add	*8.20*	
		For Solid Steel Rails, Add	*16.39*	
		For 304 Stainless Steel, Add	*189.31*	
		For 316 Stainless Steel, Add	*212.98*	
		For 2" Wheel Guard, Add	*5.62*	
		For 4" High Kick Plate, Add	*7.40*	
		For 6" High Kick Plate, Add	*11.83*	
		For Curved Rail, Add	*42.34*	
		For Mounting On Stairs, Add	*9.34*	
		For Mounting On Slopes, Add	*2.28*	
		For Post Base Flange With Screws, Add Per Post	*19.78*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.92*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*35.28*	
		For Nylon Coating, Add	*8.87*	
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	94.57	11.40
		For Schedule 80 Handrail, Add	*8.53*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.79*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.94*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.68*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.99*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.05*	
		For Aluminum, Satin Finish, Add	*30.14*	
		For Aluminum, Clear Anodized Finish, Add	*46.64*	
		For Aluminum, Dark Anodized Finish, Add	*53.82*	
		For Galvanizing, Add	*28.70*	
		For Wrought Iron, Add	*9.46*	
		For Solid Steel Rails, Add	*18.91*	
		For 304 Stainless Steel, Add	*229.63*	
		For 316 Stainless Steel, Add	*258.34*	
		For 2" Wheel Guard, Add	*6.82*	
		For 4" High Kick Plate, Add	*8.97*	
		For 6" High Kick Plate, Add	*14.35*	
		For Curved Rail, Add	*49.90*	
		For Mounting On Stairs, Add	*10.60*	
		For Mounting On Slopes, Add	*2.28*	
		For Post Base Flange With Screws, Add Per Post	*19.78*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.92*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*41.58*	
		For Nylon Coating, Add	*10.76*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	7.67
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	8.14
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	8.56
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.47

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	7.52
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	7.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	8.32	
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	16.70	

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	3.39	
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	6.93	
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	9.10	
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	13.57	

05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	29.12	4.89
		For Schedule 80 Handrail, Add	*1.60*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.72*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.23*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.58*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.59*	
		For Stainless Steel, Add	*33.82*	
		For Aluminum, Satin Finish, Add	*7.10*	
		For Curved Rail, Add	*8.74*	
		For Aluminum, Clear Anodized Finish, Add	*10.99*	
		For Aluminum, Dark Anodized Finish, Add	*12.68*	
		For Galvanized Finish, Add	*5.07*	
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	29.66	4.89
		For Schedule 80 Handrail, Add	*1.77*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.84*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.36*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.76*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-6.81*	
		For Stainless Steel, Add	*34.90*	
		For Aluminum, Satin Finish, Add	*7.33*	
		For Curved Rail, Add	*8.90*	
		For Aluminum, Clear Anodized Finish, Add	*11.34*	
		For Aluminum, Dark Anodized Finish, Add	*13.09*	
		For Galvanized Finish, Add	*5.24*	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	30.21	4.89
		For Schedule 80 Handrail, Add	*4.15*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-3.96*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-4.50*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-5.94*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.02*	
		For Stainless Steel, Add	*36.00*	
		For Aluminum, Satin Finish, Add	*7.56*	
		For Curved Rail, Add	*9.06*	
		For Aluminum, Clear Anodized Finish, Add	*11.70*	
		For Aluminum, Dark Anodized Finish, Add	*13.50*	
		For Galvanized Finish, Add	*5.40*	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	36.48	4.89
		For Schedule 80 Handrail, Add	*2.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.34*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.07*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.01*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.47*	
		For Stainless Steel, Add	*48.54*	
		For Aluminum, Satin Finish, Add	*10.19*	
		For Curved Rail, Add	*10.94*	
		For Aluminum, Clear Anodized Finish, Add	*15.78*	
		For Aluminum, Dark Anodized Finish, Add	*18.20*	
		For Galvanized Finish, Add	*7.28*	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.66	4.89
		For Schedule 80 Handrail, Add	*2.24*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.48*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.36*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.72*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.49*	
		For Stainless Steel, Add	*58.90*	
		For Aluminum, Satin Finish, Add	*12.37*	
		For Curved Rail, Add	*12.50*	
		For Aluminum, Clear Anodized Finish, Add	*19.14*	
		For Aluminum, Dark Anodized Finish, Add	*22.09*	
		For Galvanized Finish, Add	*8.84*	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	35.53	5.13
		For Schedule 80 Handrail, Add	*1.60*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.13*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.83*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.70*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.09*	
		For Stainless Steel, Add	*46.64*	
		For Aluminum, Satin Finish, Add	*9.79*	
		For Curved Rail, Add	*10.66*	
		For Aluminum, Clear Anodized Finish, Add	*15.16*	
		For Aluminum, Dark Anodized Finish, Add	*17.49*	
		For Galvanized Finish, Add	*7.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	36.29	5.13
		For Schedule 80 Handrail, Add	*1.77*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.30*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.02*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.95*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.39*	
		For Stainless Steel, Add	*48.16*	
		For Aluminum, Satin Finish, Add	*10.11*	
		For Curved Rail, Add	*10.89*	
		For Aluminum, Clear Anodized Finish, Add	*15.65*	
		For Aluminum, Dark Anodized Finish, Add	*18.06*	
		For Galvanized Finish, Add	*7.22*	
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	36.86	5.13
		For Schedule 80 Handrail, Add	*4.15*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.42*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.16*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.13*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.61*	
		For Stainless Steel, Add	*49.30*	
		For Aluminum, Satin Finish, Add	*10.35*	
		For Curved Rail, Add	*11.06*	
		For Aluminum, Clear Anodized Finish, Add	*16.02*	
		For Aluminum, Dark Anodized Finish, Add	*18.49*	
		For Galvanized Finish, Add	*7.40*	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.62	5.13
		For Schedule 80 Handrail, Add	*2.10*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.35*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.35*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.03*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.03*	
		For Stainless Steel, Add	*66.82*	
		For Aluminum, Satin Finish, Add	*14.03*	
		For Curved Rail, Add	*13.69*	
		For Aluminum, Clear Anodized Finish, Add	*21.72*	
		For Aluminum, Dark Anodized Finish, Add	*25.06*	
		For Galvanized Finish, Add	*10.02*	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	51.35	5.13
		For Schedule 80 Handrail, Add	*2.24*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.61*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.79*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.92*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.26*	
		For Stainless Steel, Add	*78.28*	
		For Aluminum, Satin Finish, Add	*16.44*	
		For Curved Rail, Add	*15.41*	
		For Aluminum, Clear Anodized Finish, Add	*25.44*	
		For Aluminum, Dark Anodized Finish, Add	*29.36*	
		For Galvanized Finish, Add	*11.74*	

05 52 13 00-0054 Remove/Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0055	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	18.33	
05 52 13 00-0056	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	23.95	
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket	41.31	
		For Stainless Steel, Add	*33.74*	

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	7.51	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*0.97*	
		For 304 Stainless Steel, Add	*18.36*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*1.67*	
		For Crossbars At 2" O.C., Add	*0.62*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.34*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	9.88	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.38*	
		For 304 Stainless Steel, Add	*25.97*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.36*	
		For Crossbars At 2" O.C., Add	*0.87*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	9.03	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.23*	
		For 304 Stainless Steel, Add	*23.24*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.11*	
		For Crossbars At 2" O.C., Add	*0.78*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.38*	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	12.25	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.78*	
		For 304 Stainless Steel, Add	*33.58*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.05*	
		For Crossbars At 2" O.C., Add	*1.13*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.46*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	15.47	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.33*	
		For 304 Stainless Steel, Add	*43.91*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.99*	
		For Crossbars At 2" O.C., Add	*1.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.54*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	10.57	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.49*	
		For 304 Stainless Steel, Add	*28.18*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*2.56*	
		For Crossbars At 2" O.C., Add	*0.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.42*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	14.48	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.16*	
		For 304 Stainless Steel, Add	*40.73*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.71*	
		For Crossbars At 2" O.C., Add	*1.37*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.52*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	12.11	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.75*	
		For 304 Stainless Steel, Add	*33.13*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.01*	
		For Crossbars At 2" O.C., Add	*1.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.46*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	17.25	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.56*	
		For 304 Stainless Steel, Add	*48.31*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.39*	
		For Crossbars At 2" O.C., Add	*1.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.85*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	22.14	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.39*	
		For 304 Stainless Steel, Add	*64.01*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.82*	
		For Crossbars At 2" O.C., Add	*2.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.97*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	19.63	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.96*	
		For 304 Stainless Steel, Add	*55.95*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.09*	
		For Crossbars At 2" O.C., Add	*1.88*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.91*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	21.87	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.34*	
		For 304 Stainless Steel, Add	*63.14*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*5.74*	
		For Crossbars At 2" O.C., Add	*2.12*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	24.24	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.75*	
		For 304 Stainless Steel, Add	*70.75*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*6.44*	
		For Crossbars At 2" O.C., Add	*2.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.03*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	26.47	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.13*	
		For 304 Stainless Steel, Add	*77.91*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*7.09*	
		For Crossbars At 2" O.C., Add	*2.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.08*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	13.72	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.96*	
		For 304 Stainless Steel, Add	*22.32*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.48*	
		For Crossbars At 2" O.C., Add	*1.29*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.50*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	16.77	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.46*	
		For 304 Stainless Steel, Add	*28.03*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.37*	
		For Crossbars At 2" O.C., Add	*1.62*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.57*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	15.03	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.17*	
		For 304 Stainless Steel, Add	*24.77*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*3.87*	
		For Crossbars At 2" O.C., Add	*1.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.53*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	20.26	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.03*	
		For 304 Stainless Steel, Add	*34.56*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 7/16" O.C., Add	*26.78*	
		For Bearing Bars At 15/16" O.C., Add	*5.39*	
		For Crossbars At 2" O.C., Add	*1.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.66*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	16.77	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.46*	
		For 304 Stainless Steel, Add	*28.03*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.37*	
		For Crossbars At 2" O.C., Add	*1.62*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.57*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	22.68	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.43*	
		For 304 Stainless Steel, Add	*39.09*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*6.10*	
		For Crossbars At 2" O.C., Add	*2.26*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.72*	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	18.60	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.76*	
		For 304 Stainless Steel, Add	*31.45*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*4.91*	
		For Crossbars At 2" O.C., Add	*1.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	25.63	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.84*	
		For 304 Stainless Steel, Add	*43.84*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 7/16" O.C., Add	*33.97*	
		For Bearing Bars At 15/16" O.C., Add	*6.84*	
		For Crossbars At 2" O.C., Add	*2.53*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.06*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	28.18	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.26*	
		For 304 Stainless Steel, Add	*48.61*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*7.59*	
		For Crossbars At 2" O.C., Add	*2.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.12*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	30.26	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.60*	
		For 304 Stainless Steel, Add	*52.50*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*8.19*	
		For Crossbars At 2" O.C., Add	*3.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.18*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	32.26	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.93*	
		For 304 Stainless Steel, Add	*56.24*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*8.78*	
		For Crossbars At 2" O.C., Add	*3.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.23*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	33.99	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.21*	
		For 304 Stainless Steel, Add	*59.48*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*9.28*	
		For Crossbars At 2" O.C., Add	*3.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.27*	
05 53 13 00-0031		Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*		
		Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	10.04	0.89
		For Bearing Bars At 15/16" O.C., Add	*2.41*	
		For Crossbars At 2" O.C., Add	*0.89*	
		For Set In Place Without Bolting, Deduct	*-1.41*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	13.42	0.89
		For Bearing Bars At 15/16" O.C., Add	*3.40*	
		For Crossbars At 2" O.C., Add	*1.26*	
		For Set In Place Without Bolting, Deduct	*-1.49*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	12.69	0.89
		For Bearing Bars At 15/16" O.C., Add	*3.18*	
		For Crossbars At 2" O.C., Add	*1.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.47*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	17.07	0.89
		For Bearing Bars At 7/16" O.C., Add	*22.16*	
		For Bearing Bars At 15/16" O.C., Add	*4.46*	
		For Crossbars At 2" O.C., Add	*1.65*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.58*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	14.62	0.89
		For Bearing Bars At 15/16" O.C., Add	*3.75*	
		For Crossbars At 2" O.C., Add	*1.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.52*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	19.39	0.89
		For Bearing Bars At 15/16" O.C., Add	*5.14*	
		For Crossbars At 2" O.C., Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.64*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	16.43	0.89
		For Bearing Bars At 15/16" O.C., Add	*4.27*	
		For Crossbars At 2" O.C., Add	*1.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.57*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	21.78	0.89
		For Bearing Bars At 7/16" O.C., Add	*28.99*	
		For Bearing Bars At 15/16" O.C., Add	*5.84*	
		For Crossbars At 2" O.C., Add	*2.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	24.07	0.89
		For Bearing Bars At 15/16" O.C., Add	*6.51*	
		For Crossbars At 2" O.C., Add	*2.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.76*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	26.78	0.89
		For Bearing Bars At 15/16" O.C., Add	*7.30*	
		For Crossbars At 2" O.C., Add	*2.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.82*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	28.91	0.89
		For Bearing Bars At 15/16" O.C., Add	*7.92*	
		For Crossbars At 2" O.C., Add	*2.93*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.88*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	31.44	0.89
		For Bearing Bars At 15/16" O.C., Add	*8.66*	
		For Crossbars At 2" O.C., Add	*3.20*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.94*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	22.12	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.87*	
		For 304 Stainless Steel, Add	*33.71*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*13.01*	
		For Crossbars At 2" O.C., Add	*1.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.71*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	24.62	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.10*	
		For 304 Stainless Steel, Add	*37.85*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*14.61*	
		For Crossbars At 2" O.C., Add	*1.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.77*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	27.00	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.28*	
		For 304 Stainless Steel, Add	*41.12*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*15.87*	
		For Crossbars At 2" O.C., Add	*1.98*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.09*	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	30.84	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.63*	
		For 304 Stainless Steel, Add	*47.49*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*18.33*	
		For Crossbars At 2" O.C., Add	*2.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	34.70	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.99*	
		For 304 Stainless Steel, Add	*53.89*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*20.80*	
		For Crossbars At 2" O.C., Add	*2.60*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.29*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	38.54	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.34*	
		For 304 Stainless Steel, Add	*60.25*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*23.26*	
		For Crossbars At 2" O.C., Add	*2.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	42.40	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.70*	
		For 304 Stainless Steel, Add	*66.65*	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	*25.73*	
		For Crossbars At 2" O.C., Add	*3.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.48*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	11.76	0.89
		For Bearing Bars At 15/16" O.C., Add	*6.38*	
		For Crossbars At 2" O.C., Add	*0.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.45*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	15.10	0.89
		For Bearing Bars At 15/16" O.C., Add	*8.52*	
		For Crossbars At 2" O.C., Add	*1.06*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.53*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	13.26	0.89
		For Bearing Bars At 15/16" O.C., Add	*7.34*	
		For Crossbars At 2" O.C., Add	*0.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.49*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	17.34	0.89
		For Bearing Bars At 15/16" O.C., Add	*9.95*	
		For Crossbars At 2" O.C., Add	*1.24*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.59*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	15.04	0.89
		For Bearing Bars At 15/16" O.C., Add	*8.48*	
		For Crossbars At 2" O.C., Add	*1.06*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.53*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	19.75	0.89
		For Bearing Bars At 15/16" O.C., Add	*11.49*	
		For Crossbars At 2" O.C., Add	*1.44*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.65*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	22.52	0.89
		For Bearing Bars At 15/16" O.C., Add	*13.27*	
		For Crossbars At 2" O.C., Add	*1.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.72*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	25.28	0.89
		For Bearing Bars At 15/16" O.C., Add	*15.03*	
		For Crossbars At 2" O.C., Add	*1.88*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.79*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	28.05	0.89
		For Bearing Bars At 15/16" O.C., Add	*16.81*	
		For Crossbars At 2" O.C., Add	*2.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.86*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	30.80	0.89
		For Bearing Bars At 15/16" O.C., Add	*18.57*	
		For Crossbars At 2" O.C., Add	*2.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.92*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	41.55	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.91*	
		For 304 Stainless Steel, Add	*34.15*	
		For 5/8" Clear Opening, Add	*13.72*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	48.83	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.26*	
		For 304 Stainless Steel, Add	*40.41*	
		For 5/8" Clear Opening, Add	*16.23*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	44.90	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.07*	
		For 304 Stainless Steel, Add	*37.03*	
		For 5/8" Clear Opening, Add	*14.87*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.28*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	51.60	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.39*	
		For 304 Stainless Steel, Add	*42.79*	
		For 5/8" Clear Opening, Add	*17.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.44*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	47.68	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.20*	
		For 304 Stainless Steel, Add	*39.42*	
		For 5/8" Clear Opening, Add	*15.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.35*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	56.77	0.89
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.64*	
		For 304 Stainless Steel, Add	*47.23*	
		For 5/8" Clear Opening, Add	*18.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.57*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	50.76	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.33*	
		For 304 Stainless Steel, Add	*41.71*	
		For 5/8" Clear Opening, Add	*16.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.69*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	60.48	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.80*	
		For 304 Stainless Steel, Add	*50.06*	
		For 5/8" Clear Opening, Add	*20.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.93*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	65.44	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.04*	
		For 304 Stainless Steel, Add	*54.32*	
		For 5/8" Clear Opening, Add	*21.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.06*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	76.51	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.57*	
		For 304 Stainless Steel, Add	*63.83*	
		For 5/8" Clear Opening, Add	*25.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.33*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	80.36	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.75*	
		For 304 Stainless Steel, Add	*67.14*	
		For 5/8" Clear Opening, Add	*26.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.43*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	83.80	1.10
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.92*	
		For 304 Stainless Steel, Add	*70.09*	
		For 5/8" Clear Opening, Add	*28.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.51*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	24.56	0.89
		For 5/8" Clear Opening, Add	*7.86*	
		For Set In Place Without Bolting, Deduct	*-1.77*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	29.07	0.89
		For 5/8" Clear Opening, Add	*9.41*	
		For Set In Place Without Bolting, Deduct	*-1.88*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	26.97	0.89
		For 5/8" Clear Opening, Add	*8.69*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.83*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	31.37	0.89
		For 5/8" Clear Opening, Add	*10.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	30.19	0.89
		For 5/8" Clear Opening, Add	*9.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.91*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	36.30	0.89
		For 5/8" Clear Opening, Add	*11.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.06*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	32.39	0.89
		For 5/8" Clear Opening, Add	*10.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.96*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	40.15	0.89
		For 5/8" Clear Opening, Add	*13.23*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.16*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	44.21	0.89
		For 5/8" Clear Opening, Add	*14.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.26*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	52.57	0.89
		For 5/8" Clear Opening, Add	*17.52*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.47*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	57.30	0.89
		For 5/8" Clear Opening, Add	*19.15*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.59*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	63.66	0.89
		For 5/8" Clear Opening, Add	*21.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.75*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	10.99	1.06
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	12.50	1.06
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	15.54	1.06
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	20.72	1.14
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	26.17	1.22

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	16.01	0.89
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	18.37	1.06
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	20.73	1.14

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	26.40	1.22
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	31.56	1.38
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	40.86	1.63

05 55 Metal Stair Treads And Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	40.30	5.05
		For 3/8" Thick, Add	*8.05*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	44.08	5.05
		For 3/8" Thick, Add	*9.00*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	47.85	5.05
		For 3/8" Thick, Add	*9.94*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	51.65	5.05
		For 3/8" Thick, Add	*10.89*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	55.40	5.05
		For 3/8" Thick, Add	*11.83*	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	54.96	5.05
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	60.56	5.05
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	66.18	5.05
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	71.78	5.05
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	77.39	5.05

05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	22.62	5.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	26.04	5.05
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	27.55	5.05
05 55 13 00-0017		Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads *(05 55 13)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	32.07	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
		For Two Color Tread, Add	*1.78*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	32.36	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
		For Two Color Tread, Add	*1.78*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	38.52	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
		For Two Color Tread, Add	*1.78*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	43.92	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
		For Two Color Tread, Add	*1.78*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	50.96	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
		For Two Color Tread, Add	*1.78*	
05 55 13 00-0023		Stair Landing Treads *(05 55 13)*		
05 55 13 00-0024		Abrasive Cast Aluminum Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	55.40	5.05
		For 3/8" Thick, Add	*11.83*	
05 55 13 00-0026		Abrasive Cast Iron Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	77.39	5.05
05 55 13 00-0028		Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	51.57	5.05
		For Epoxy Sealed For Corrosive Environment, Add	*2.38*	
05 55 13 00-0030		Open Cast Iron Stair Tread *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	380.58	32.58
		For Closed Riser, Add	*32.42*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	429.87	37.47
		For Closed Riser, Add	*36.50*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	475.17	43.99
		For Closed Riser, Add	*40.28*	
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		Abrasive Cast Aluminum Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	17.76	3.45
		For 3/8" Thick, Add	*3.06*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	21.41	3.45
		For 3/8" Thick, Add	*3.97*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	29.54	3.45
		For 3/8" Thick, Add	*6.01*	
05 55 16 00-0005		Abrasive Cast Iron Nosings *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	20.42	3.45
		For 3/8" Thick, Add	*3.73*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	24.92	3.45
		For 3/8" Thick, Add	*4.85*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	33.80	3.45
		For 3/8" Thick, Add	*7.07*	
05 55 16 00-0009		Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	15.29	3.45
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	17.04	3.45
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	18.39	3.45
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	22.56	3.45
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	15.76	3.45
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	17.26	3.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	18.75	3.45
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	17.84	3.45

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	3.11	0.41
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	5.09	0.33

05 58 Formed Metal Fabrications *(05 50)*

05 58 13 Column Covers *(05 58)*

05 58 13 00-0001 Architectural Column Cover, Aluminum *(05 58 13)*
Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).

05 58 13 00-0002	LF	10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	74.68	
05 58 13 00-0003	LF	12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	88.08	
05 58 13 00-0004	LF	14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	105.33	
05 58 13 00-0005	LF	16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	118.71	
05 58 13 00-0006	LF	18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	133.65	
05 58 13 00-0007	LF	20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	148.44	
05 58 13 00-0008	LF	24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	176.24	
05 58 13 00-0009	LF	30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	217.45	
05 58 13 00-0010	LF	36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	237.17	
05 58 13 00-0011	LF	42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	256.87	
05 58 13 00-0012	LF	48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	289.54	
05 58 13 00-0013	LF	54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	337.61	

05 58 13 00-0014 Monolithic Column Cover, Aluminum *(05 58 13)*
Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).

05 58 13 00-0015	LF	7" Diameter Monolithic Column Cover, Aluminum, Factory	29.26	
05 58 13 00-0016	LF	8" Diameter Monolithic Column Cover, Aluminum, Factory	33.16	
05 58 13 00-0017	LF	9" Diameter Monolithic Column Cover, Aluminum, Factory	36.92	
05 58 13 00-0018	LF	10" Diameter Monolithic Column Cover, Aluminum, Factory	40.95	
05 58 13 00-0019	LF	12" Diameter Monolithic Column Cover, Aluminum, Factory Primed, Including Column Base And Top Collar	48.48	

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	61.02	4.81
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	60.30	4.81
05 58 16 00-0004	SF	Aluminum Drip Pan	42.57	3.84
05 58 16 00-0005	SF	Plastic Drip Pan	12.31	3.36

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*
Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*
Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*
Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	115.68	16.54
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	134.58	16.54
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	152.41	16.54
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	171.31	16.54
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	189.24	16.54
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	212.49	16.54
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	228.32	16.54
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	252.84	16.54
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	268.94	16.54
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	280.43	16.54

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*
Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	236.46	34.45
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	302.10	34.45

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0017		3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)* Note: Steel King Steel Guard.		
05 58 23 00-0018		Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)* Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	127.07	16.54
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	139.64	16.54
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	155.32	16.54
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	169.98	16.54
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	186.95	16.54
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	195.12	16.54
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	214.79	16.54
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	231.39	16.54
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	249.01	16.54
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	266.89	16.54
05 58 23 00-0029		Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)* Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	183.62	16.54
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	197.42	16.54
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	211.72	16.54
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	228.32	16.54
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	244.93	16.54
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	258.46	16.54
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	274.05	16.54
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	291.67	16.54
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	310.57	16.54
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	327.17	16.54
05 58 23 00-0040		Posts For 3-Rib Guard Rails *(05 58 23 00-0017)* Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	210.30	34.45
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	263.53	34.45
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)* Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	275.01	45.94
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	287.78	45.94
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	295.19	45.94
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	306.17	45.94
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	303.62	45.94
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	317.15	45.94
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	320.99	45.94
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	325.33	45.94
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	346.02	45.94
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	354.19	45.94
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	369.52	45.94
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	375.90	45.94
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	407.32	45.94
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)* Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	176.56	34.45
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	201.80	34.45
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	228.52	34.45
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	235.82	34.45
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	252.68	34.45

05 59 Metal Specialties *(05 50)*

05 59 65 Chain *(05 59)*

05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)* Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	3.82	0.79
		For Plastic Dipped, Add	*0.34*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	5.12	1.06
		For Plastic Dipped, Add	*0.45*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.28	2.10
		For Plastic Dipped, Add	*0.61*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	13.36	3.55
		For Plastic Dipped, Add	*0.94*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	22.54	6.00
		For Plastic Dipped, Add	*1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	31.64	8.42
		For Plastic Dipped, Add	*2.22*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	42.75	10.53
		For Plastic Dipped, Add	*3.26*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	61.34	14.03
		For Plastic Dipped, Add	*4.99*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	99.03	21.05
		For Plastic Dipped, Add	*8.54*	

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels	6.63	2.25
		For Up To 2, Add	*1.93*	
		For >2 To 6, Add	*1.11*	
		For >15 To 40, Deduct	*-0.18*	
		For >40, Deduct	*-0.54*	
		For Galvanized, Add	*1.82*	
		For Aluminum, Add	*2.18*	
		For 304 Stainless Steel, Add	*8.71*	
		For 316 Stainless Steel, Add	*9.98*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	7.11	2.35
		For Up To 2, Add	*2.05*	
		For >2 To 6, Add	*1.18*	
		For >15 To 40, Deduct	*-0.20*	
		For >40, Deduct	*-0.60*	
		For Galvanized, Add	*2.00*	
		For Aluminum, Add	*2.39*	
		For 304 Stainless Steel, Add	*9.58*	
		For 316 Stainless Steel, Add	*10.97*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	7.58	2.60
		For Up To 2, Add	*2.21*	
		For >2 To 6, Add	*1.28*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.62*	
		For Galvanized, Add	*2.06*	
		For Aluminum, Add	*2.47*	
		For 304 Stainless Steel, Add	*9.89*	
		For 316 Stainless Steel, Add	*11.33*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	7.98	2.71
		For Up To 2, Add	*2.32*	
		For >2 To 6, Add	*1.34*	
		For >15 To 40, Deduct	*-0.22*	
		For >40, Deduct	*-0.66*	
		For Galvanized, Add	*2.19*	
		For Aluminum, Add	*2.63*	
		For 304 Stainless Steel, Add	*10.51*	
		For 316 Stainless Steel, Add	*12.05*	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	8.76	3.03
		For Up To 2, Add	*2.56*	
		For >2 To 6, Add	*1.48*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.71*	
		For Galvanized, Add	*2.36*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	10.04	3.37
		For Up To 2, Add	*2.91*	
		For >2 To 6, Add	*1.68*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.83*	
		For Galvanized, Add	*2.77*	
		For Aluminum, Add	*3.32*	
		For 304 Stainless Steel, Add	*13.27*	
		For 316 Stainless Steel, Add	*15.21*	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	11.35	3.71
		For Up To 2, Add	*3.26*	
		For >2 To 6, Add	*1.88*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.96*	
		For Galvanized, Add	*3.20*	
		For Aluminum, Add	*3.84*	
		For 304 Stainless Steel, Add	*15.36*	
		For 316 Stainless Steel, Add	*17.60*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	12.97	4.13
		For Up To 2, Add	*3.69*	
		For >2 To 6, Add	*2.12*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.74*	
		For Aluminum, Add	*4.48*	
		For 304 Stainless Steel, Add	*17.93*	
		For 316 Stainless Steel, Add	*20.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0012		**1-3/4" Square Wire Spacing** *(05 59 69 00-0002)*		
05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	6.95	2.39
		For Up To 2, Add	*2.02*	
		For >2 To 6, Add	*1.17*	
		For >15 To 40, Deduct	*-0.19*	
		For >40, Deduct	*-0.57*	
		For Galvanized, Add	*1.89*	
		For Aluminum, Add	*2.27*	
		For 304 Stainless Steel, Add	*9.07*	
		For 316 Stainless Steel, Add	*10.40*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	7.63	2.51
		For Up To 2, Add	*2.20*	
		For >2 To 6, Add	*1.27*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.64*	
		For Galvanized, Add	*2.14*	
		For Aluminum, Add	*2.57*	
		For 304 Stainless Steel, Add	*10.27*	
		For 316 Stainless Steel, Add	*11.77*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	8.23	2.81
		For Up To 2, Add	*2.40*	
		For >2 To 6, Add	*1.39*	
		For >15 To 40, Deduct	*-0.22*	
		For >40, Deduct	*-0.67*	
		For Galvanized, Add	*2.24*	
		For Aluminum, Add	*2.68*	
		For 304 Stainless Steel, Add	*10.73*	
		For 316 Stainless Steel, Add	*12.29*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	8.59	2.91
		For Up To 2, Add	*2.49*	
		For >2 To 6, Add	*1.44*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.71*	
		For Galvanized, Add	*2.36*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.30*	
		For 316 Stainless Steel, Add	*12.95*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	9.42	3.26
		For Up To 2, Add	*2.75*	
		For >2 To 6, Add	*1.59*	
		For >15 To 40, Deduct	*-0.25*	
		For >40, Deduct	*-0.76*	
		For Galvanized, Add	*2.54*	
		For Aluminum, Add	*3.04*	
		For 304 Stainless Steel, Add	*12.17*	
		For 316 Stainless Steel, Add	*13.94*	
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	10.80	3.63
		For Up To 2, Add	*3.13*	
		For >2 To 6, Add	*1.81*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.89*	
		For Galvanized, Add	*2.98*	
		For Aluminum, Add	*3.57*	
		For 304 Stainless Steel, Add	*14.28*	
		For 316 Stainless Steel, Add	*16.36*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	12.20	3.99
		For Up To 2, Add	*3.51*	
		For >2 To 6, Add	*2.02*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.03*	
		For Galvanized, Add	*3.44*	
		For Aluminum, Add	*4.12*	
		For 304 Stainless Steel, Add	*16.49*	
		For 316 Stainless Steel, Add	*18.89*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	13.96	4.44
		For Up To 2, Add	*3.98*	
		For >2 To 6, Add	*2.28*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.21*	
		For Galvanized, Add	*4.02*	
		For Aluminum, Add	*4.82*	
		For 304 Stainless Steel, Add	*19.30*	
		For 316 Stainless Steel, Add	*22.11*	
05 59 69 00-0021		**1-1/2" Square Wire Spacing** *(05 59 69 00-0002)*		
05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	7.71	2.65
		For Up To 2, Add	*2.25*	
		For >2 To 6, Add	*1.30*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.63*	
		For Galvanized, Add	*2.10*	
		For Aluminum, Add	*2.51*	
		For 304 Stainless Steel, Add	*10.06*	
		For 316 Stainless Steel, Add	*11.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	8.43	2.78
		For Up To 2, Add	*2.43*	
		For >2 To 6, Add	*1.40*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.71*	
		For Galvanized, Add	*2.37*	
		For Aluminum, Add	*2.84*	
		For 304 Stainless Steel, Add	*11.35*	
		For 316 Stainless Steel, Add	*13.01*	
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.00	3.08
		For Up To 2, Add	*2.62*	
		For >2 To 6, Add	*1.52*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.73*	
		For Galvanized, Add	*2.45*	
		For Aluminum, Add	*2.93*	
		For 304 Stainless Steel, Add	*11.74*	
		For 316 Stainless Steel, Add	*13.45*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	9.48	3.21
		For Up To 2, Add	*2.75*	
		For >2 To 6, Add	*1.59*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.60*	
		For Aluminum, Add	*3.12*	
		For 304 Stainless Steel, Add	*12.48*	
		For 316 Stainless Steel, Add	*14.30*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.35	3.58
		For Up To 2, Add	*3.03*	
		For >2 To 6, Add	*1.75*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.84*	
		For Galvanized, Add	*2.79*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*13.37*	
		For 316 Stainless Steel, Add	*15.32*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	11.80	3.98
		For Up To 2, Add	*3.42*	
		For >2 To 6, Add	*1.98*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.98*	
		For Galvanized, Add	*3.25*	
		For Aluminum, Add	*3.90*	
		For 304 Stainless Steel, Add	*15.60*	
		For 316 Stainless Steel, Add	*17.88*	
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	13.34	4.37
		For Up To 2, Add	*3.83*	
		For >2 To 6, Add	*2.21*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.13*	
		For Galvanized, Add	*3.76*	
		For Aluminum, Add	*4.51*	
		For 304 Stainless Steel, Add	*18.05*	
		For 316 Stainless Steel, Add	*20.68*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	15.22	4.84
		For Up To 2, Add	*4.33*	
		For >2 To 6, Add	*2.49*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.32*	
		For Galvanized, Add	*4.39*	
		For Aluminum, Add	*5.26*	
		For 304 Stainless Steel, Add	*21.05*	
		For 316 Stainless Steel, Add	*24.12*	

05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	7.92	2.86
		For Up To 2, Add	*2.35*	
		For >2 To 6, Add	*1.37*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.62*	
		For Galvanized, Add	*2.05*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*9.84*	
		For 316 Stainless Steel, Add	*11.28*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	8.54	3.00
		For Up To 2, Add	*2.51*	
		For >2 To 6, Add	*1.45*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.68*	
		For Galvanized, Add	*2.27*	
		For Aluminum, Add	*2.72*	
		For 304 Stainless Steel, Add	*10.90*	
		For 316 Stainless Steel, Add	*12.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.25	3.12
		For Up To 2, Add	*2.68*	
		For >2 To 6, Add	*1.55*	
		For >15 To 40, Deduct	*-0.25*	
		For >40, Deduct	*-0.76*	
		For Galvanized, Add	*2.54*	
		For Aluminum, Add	*3.05*	
		For 304 Stainless Steel, Add	*12.19*	
		For 316 Stainless Steel, Add	*13.97*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	9.53	3.18
		For Up To 2, Add	*2.76*	
		For >2 To 6, Add	*1.59*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.79*	
		For Galvanized, Add	*2.64*	
		For Aluminum, Add	*3.17*	
		For 304 Stainless Steel, Add	*12.67*	
		For 316 Stainless Steel, Add	*14.52*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.35	3.59
		For Up To 2, Add	*3.03*	
		For >2 To 6, Add	*1.75*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.83*	
		For Galvanized, Add	*2.78*	
		For Aluminum, Add	*3.34*	
		For 304 Stainless Steel, Add	*13.34*	
		For 316 Stainless Steel, Add	*15.29*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	11.67	4.05
		For Up To 2, Add	*3.41*	
		For >2 To 6, Add	*1.98*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.94*	
		For Galvanized, Add	*3.14*	
		For Aluminum, Add	*3.77*	
		For 304 Stainless Steel, Add	*15.07*	
		For 316 Stainless Steel, Add	*17.27*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	13.24	4.46
		For Up To 2, Add	*3.84*	
		For >2 To 6, Add	*2.22*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.09*	
		For Galvanized, Add	*3.65*	
		For Aluminum, Add	*4.37*	
		For 304 Stainless Steel, Add	*17.50*	
		For 316 Stainless Steel, Add	*20.05*	
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	14.90	4.87
		For Up To 2, Add	*4.28*	
		For >2 To 6, Add	*2.47*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.26*	
		For Galvanized, Add	*4.20*	
		For Aluminum, Add	*5.04*	
		For 304 Stainless Steel, Add	*20.16*	
		For 316 Stainless Steel, Add	*23.10*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	17.03	5.42
		For Up To 2, Add	*4.85*	
		For >2 To 6, Add	*2.79*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.47*	
		For Galvanized, Add	*4.91*	
		For Aluminum, Add	*5.89*	
		For 304 Stainless Steel, Add	*23.54*	
		For 316 Stainless Steel, Add	*26.98*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	9.05	3.35
		For Up To 2, Add	*2.70*	
		For >2 To 6, Add	*1.57*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.69*	
		For Galvanized, Add	*2.30*	
		For Aluminum, Add	*2.75*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*12.62*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.69	3.48
		For Up To 2, Add	*2.87*	
		For >2 To 6, Add	*1.67*	
		For >15 To 40, Deduct	*-0.25*	
		For >40, Deduct	*-0.76*	
		For Galvanized, Add	*2.52*	
		For Aluminum, Add	*3.02*	
		For 304 Stainless Steel, Add	*12.10*	
		For 316 Stainless Steel, Add	*13.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	10.09	3.63
		For Up To 2, Add	*2.99*	
		For >2 To 6, Add	*1.74*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.62*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*12.55*	
		For 316 Stainless Steel, Add	*14.38*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	10.77	3.68
		For Up To 2, Add	*3.14*	
		For >2 To 6, Add	*1.82*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.88*	
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*3.51*	
		For 304 Stainless Steel, Add	*14.04*	
		For 316 Stainless Steel, Add	*16.09*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	11.99	4.16
		For Up To 2, Add	*3.51*	
		For >2 To 6, Add	*2.03*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*3.22*	
		For Aluminum, Add	*3.86*	
		For 304 Stainless Steel, Add	*15.46*	
		For 316 Stainless Steel, Add	*17.71*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	13.45	4.66
		For Up To 2, Add	*3.93*	
		For >2 To 6, Add	*2.28*	
		For >15 To 40, Deduct	*-0.36*	
		For >40, Deduct	*-1.09*	
		For Galvanized, Add	*3.62*	
		For Aluminum, Add	*4.34*	
		For 304 Stainless Steel, Add	*17.38*	
		For 316 Stainless Steel, Add	*19.91*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	15.36	5.17
		For Up To 2, Add	*4.45*	
		For >2 To 6, Add	*2.57*	
		For >15 To 40, Deduct	*-0.42*	
		For >40, Deduct	*-1.27*	
		For Galvanized, Add	*4.23*	
		For Aluminum, Add	*5.08*	
		For 304 Stainless Steel, Add	*20.30*	
		For 316 Stainless Steel, Add	*23.27*	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	17.25	5.65
		For Up To 2, Add	*4.96*	
		For >2 To 6, Add	*2.85*	
		For >15 To 40, Deduct	*-0.49*	
		For >40, Deduct	*-1.46*	
		For Galvanized, Add	*4.86*	
		For Aluminum, Add	*5.83*	
		For 304 Stainless Steel, Add	*23.33*	
		For 316 Stainless Steel, Add	*26.73*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	19.65	6.25
		For Up To 2, Add	*5.60*	
		For >2 To 6, Add	*3.21*	
		For >15 To 40, Deduct	*-0.57*	
		For >40, Deduct	*-1.70*	
		For Galvanized, Add	*5.66*	
		For Aluminum, Add	*6.79*	
		For 304 Stainless Steel, Add	*27.17*	
		For 316 Stainless Steel, Add	*31.13*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.15	3.34
		For Up To 2, Add	*2.72*	
		For >2 To 6, Add	*1.58*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.71*	
		For Galvanized, Add	*2.35*	
		For Aluminum, Add	*2.82*	
		For 304 Stainless Steel, Add	*11.28*	
		For 316 Stainless Steel, Add	*12.93*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	10.22	3.75
		For Up To 2, Add	*3.04*	
		For >2 To 6, Add	*1.77*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.62*	
		For Aluminum, Add	*3.14*	
		For 304 Stainless Steel, Add	*12.55*	
		For 316 Stainless Steel, Add	*14.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	11.33	4.24
		For Up To 2, Add	*3.39*	
		For >2 To 6, Add	*1.98*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.85*	
		For Galvanized, Add	*2.85*	
		For Aluminum, Add	*3.41*	
		For 304 Stainless Steel, Add	*13.66*	
		For 316 Stainless Steel, Add	*15.65*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	12.24	4.51
		For Up To 2, Add	*3.65*	
		For >2 To 6, Add	*2.13*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.93*	
		For Galvanized, Add	*3.11*	
		For Aluminum, Add	*3.73*	
		For 304 Stainless Steel, Add	*14.93*	
		For 316 Stainless Steel, Add	*17.11*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	14.14	5.07
		For Up To 2, Add	*4.18*	
		For >2 To 6, Add	*2.43*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.10*	
		For Galvanized, Add	*3.68*	
		For Aluminum, Add	*4.42*	
		For 304 Stainless Steel, Add	*17.66*	
		For 316 Stainless Steel, Add	*20.24*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	16.23	5.68
		For Up To 2, Add	*4.76*	
		For >2 To 6, Add	*2.76*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.30*	
		For Galvanized, Add	*4.33*	
		For Aluminum, Add	*5.20*	
		For 304 Stainless Steel, Add	*20.78*	
		For 316 Stainless Steel, Add	*23.82*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	18.45	6.27
		For Up To 2, Add	*5.36*	
		For >2 To 6, Add	*3.10*	
		For >15 To 40, Deduct	*-0.50*	
		For >40, Deduct	*-1.51*	
		For Galvanized, Add	*5.04*	
		For Aluminum, Add	*6.05*	
		For 304 Stainless Steel, Add	*24.19*	
		For 316 Stainless Steel, Add	*27.72*	
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	20.63	6.83
		For Up To 2, Add	*5.94*	
		For >2 To 6, Add	*3.43*	
		For >15 To 40, Deduct	*-0.58*	
		For >40, Deduct	*-1.73*	
		For Galvanized, Add	*5.77*	
		For Aluminum, Add	*6.92*	
		For 304 Stainless Steel, Add	*27.70*	
		For 316 Stainless Steel, Add	*31.74*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	23.49	7.54
		For Up To 2, Add	*6.71*	
		For >2 To 6, Add	*3.86*	
		For >15 To 40, Deduct	*-0.67*	
		For >40, Deduct	*-2.01*	
		For Galvanized, Add	*6.72*	
		For Aluminum, Add	*8.06*	
		For 304 Stainless Steel, Add	*32.23*	
		For 316 Stainless Steel, Add	*36.93*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	9.57	3.58
		For Up To 2, Add	*2.87*	
		For >2 To 6, Add	*1.67*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.72*	
		For Galvanized, Add	*2.41*	
		For Aluminum, Add	*2.89*	
		For 304 Stainless Steel, Add	*11.54*	
		For 316 Stainless Steel, Add	*13.23*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	11.23	4.35
		For Up To 2, Add	*3.41*	
		For >2 To 6, Add	*1.99*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.81*	
		For Galvanized, Add	*2.72*	
		For Aluminum, Add	*3.26*	
		For 304 Stainless Steel, Add	*13.03*	
		For 316 Stainless Steel, Add	*14.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	13.56	5.14
		For Up To 2, Add	*4.08*	
		For >2 To 6, Add	*2.39*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.01*	
		For Galvanized, Add	*3.35*	
		For Aluminum, Add	*4.02*	
		For 304 Stainless Steel, Add	*16.08*	
		For 316 Stainless Steel, Add	*18.43*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	15.61	5.77
		For Up To 2, Add	*4.66*	
		For >2 To 6, Add	*2.72*	
		For >15 To 40, Deduct	*-0.40*	
		For >40, Deduct	*-1.19*	
		For Galvanized, Add	*3.96*	
		For Aluminum, Add	*4.75*	
		For 304 Stainless Steel, Add	*18.98*	
		For 316 Stainless Steel, Add	*21.75*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	17.89	6.44
		For Up To 2, Add	*5.30*	
		For >2 To 6, Add	*3.08*	
		For >15 To 40, Deduct	*-0.47*	
		For >40, Deduct	*-1.40*	
		For Galvanized, Add	*4.65*	
		For Aluminum, Add	*5.58*	
		For 304 Stainless Steel, Add	*22.32*	
		For 316 Stainless Steel, Add	*25.58*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	20.48	7.18
		For Up To 2, Add	*6.01*	
		For >2 To 6, Add	*3.48*	
		For >15 To 40, Deduct	*-0.55*	
		For >40, Deduct	*-1.64*	
		For Galvanized, Add	*5.46*	
		For Aluminum, Add	*6.55*	
		For 304 Stainless Steel, Add	*26.18*	
		For 316 Stainless Steel, Add	*30.00*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	23.14	7.89
		For Up To 2, Add	*6.73*	
		For >2 To 6, Add	*3.89*	
		For >15 To 40, Deduct	*-0.63*	
		For >40, Deduct	*-1.89*	
		For Galvanized, Add	*6.31*	
		For Aluminum, Add	*7.57*	
		For 304 Stainless Steel, Add	*30.29*	
		For 316 Stainless Steel, Add	*34.71*	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	25.81	8.56
		For Up To 2, Add	*7.44*	
		For >2 To 6, Add	*4.29*	
		For >15 To 40, Deduct	*-0.72*	
		For >40, Deduct	*-2.16*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*8.64*	
		For 304 Stainless Steel, Add	*34.56*	
		For 316 Stainless Steel, Add	*39.60*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	26.94	9.41
		For Up To 2, Add	*7.90*	
		For >2 To 6, Add	*4.58*	
		For >15 To 40, Deduct	*-0.72*	
		For >40, Deduct	*-2.16*	
		For Galvanized, Add	*7.20*	
		For Aluminum, Add	*8.64*	
		For 304 Stainless Steel, Add	*34.56*	
		For 316 Stainless Steel, Add	*39.60*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	8.26	3.08
		For Galvanized, Add	*2.08*	
		For Aluminum, Add	*2.49*	
		For 304 Stainless Steel, Add	*9.96*	
		For 316 Stainless Steel, Add	*11.41*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	10.37	3.37
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*3.52*	
		For 304 Stainless Steel, Add	*14.06*	
		For 316 Stainless Steel, Add	*16.12*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	5.95	2.39
		For Galvanized, Add	*1.39*	
		For Aluminum, Add	*1.67*	
		For 304 Stainless Steel, Add	*6.67*	
		For 316 Stainless Steel, Add	*7.65*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	6.51	2.60
		For Galvanized, Add	*1.53*	
		For Aluminum, Add	*1.83*	
		For 304 Stainless Steel, Add	*7.32*	
		For 316 Stainless Steel, Add	*8.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	7.37	3.08
		For Galvanized, Add	*1.63*	
		For Aluminum, Add	*1.96*	
		For 304 Stainless Steel, Add	*7.82*	
		For 316 Stainless Steel, Add	*8.97*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	9.44	3.98
		For Galvanized, Add	*2.07*	
		For Aluminum, Add	*2.48*	
		For 304 Stainless Steel, Add	*9.94*	
		For 316 Stainless Steel, Add	*11.39*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	5.20	2.35
		For Galvanized, Add	*1.04*	
		For Aluminum, Add	*1.25*	
		For 304 Stainless Steel, Add	*4.99*	
		For 316 Stainless Steel, Add	*5.72*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	5.83	2.51
		For Galvanized, Add	*1.24*	
		For Aluminum, Add	*1.49*	
		For 304 Stainless Steel, Add	*5.95*	
		For 316 Stainless Steel, Add	*6.82*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	6.65	2.81
		For Galvanized, Add	*1.45*	
		For Aluminum, Add	*1.73*	
		For 304 Stainless Steel, Add	*6.94*	
		For 316 Stainless Steel, Add	*7.95*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.71 LB/SF	10.49	4.66
		For Galvanized, Add	*2.14*	
		For Aluminum, Add	*2.57*	
		For 304 Stainless Steel, Add	*10.27*	
		For 316 Stainless Steel, Add	*11.77*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	5.83	2.86
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.21*	
		For 304 Stainless Steel, Add	*4.82*	
		For 316 Stainless Steel, Add	*5.53*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.02	2.25
		For Galvanized, Add	*1.01*	
		For Aluminum, Add	*1.21*	
		For 304 Stainless Steel, Add	*4.85*	
		For 316 Stainless Steel, Add	*5.56*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	5.80	2.65
		For Galvanized, Add	*1.14*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*5.47*	
		For 316 Stainless Steel, Add	*6.27*	
05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	8.96	3.58
		For Galvanized, Add	*2.10*	
		For Aluminum, Add	*2.52*	
		For 304 Stainless Steel, Add	*10.08*	
		For 316 Stainless Steel, Add	*11.55*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	261.73	40.73
		For Galvanized, Add	*126.19*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	297.11	44.80
		For Galvanized, Add	*145.26*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	328.32	48.87
		For Galvanized, Add	*161.41*	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	352.18	52.94
		For Galvanized, Add	*172.41*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 00 00-0001 Railings; Vertical Square Bars At 6" *(05 73)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 00 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	62.36	8.96
		For Rake Or Angle Railings, Add	*8.23*	
		For Curved Railings, Add	*17.76*	
		For 4" On Center Standards, Add	*1.97*	
		For 4-1/2" On Center Standards, Add	*1.58*	
		For 5" On Center Standards, Add	*1.05*	
		For 5-1/2" On Center Standards, Add	*0.53*	
		For Each Field Bending Of Rails, Add	*11.53*	
		For Galvanized, Add	*3.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 00 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	78.72	12.21
		For Rake Or Angle Railings, Add	*10.85*	
		For Curved Railings, Add	*21.11*	
		For 4" On Center Standards, Add	*2.18*	
		For 4-1/2" On Center Standards, Add	*1.74*	
		For 5" On Center Standards, Add	*1.16*	
		For 5-1/2" On Center Standards, Add	*0.58*	
		For Each Field Bending Of Rails, Add	*14.91*	
05 73 00 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	189.07	20.36
		For Rake Or Angle Railings, Add	*20.65*	
		For Curved Railings, Add	*65.93*	
		For 4" On Center Standards, Add	*8.80*	
		For 4-1/2" On Center Standards, Add	*7.04*	
		For 5" On Center Standards, Add	*4.70*	
		For 5-1/2" On Center Standards, Add	*2.35*	
		For Each Field Bending Of Rails, Add	*20.42*	
05 73 00 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	203.99	16.29
		For Rake Or Angle Railings, Add	*21.00*	
		For Curved Railings, Add	*74.71*	
		For 4" On Center Standards, Add	*10.34*	
		For 4-1/2" On Center Standards, Add	*8.27*	
		For 5" On Center Standards, Add	*5.51*	
		For 5-1/2" On Center Standards, Add	*2.76*	
		For Each Field Bending Of Rails, Add	*19.04*	
05 73 00 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	142.03	24.85
		For Rake Or Angle Railings, Add	*15.04*	
		For Curved Railings, Add	*50.86*	
		For 4" On Center Standards, Add	*6.93*	
		For 4-1/2" On Center Standards, Add	*5.54*	
		For 5" On Center Standards, Add	*3.69*	
		For 5-1/2" On Center Standards, Add	*1.85*	
		For Each Field Bending Of Rails, Add	*14.92*	

05 73 00 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73)*

05 73 00 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	93.16	4.07
		For Rake Or Angle Railings, Add	*7.80*	
		For Curved Railings, Add	*39.15*	
		For 4" On Center Standards, Add	*5.90*	
		For 4-1/2" On Center Standards, Add	*4.72*	
		For 5" On Center Standards, Add	*3.15*	
		For 5-1/2" On Center Standards, Add	*1.57*	
		For Each Field Bending Of Rails, Add	*6.12*	

05 73 00 00-0009 Plain Handrails *(05 73)*

05 73 00 00-0010	LF	2" Brass Handrail	34.54	9.37
05 73 00 00-0011	EA	90 Degree Angle For 2" Brass Handrail	80.98	32.24
05 73 00 00-0012	EA	End Cap For 2" Brass Handrail	38.30	16.17
05 73 00 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	62.09	32.24
05 73 00 00-0014	LF	2" Stainless Steel Handrail	62.32	17.04

05 73 00 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0366 for painting.

05 73 00 00-0016	LF	Refinish Metal Handrail	8.26	
05 73 00 00-0017	LF	Refinish Wrought Iron Balustrade	8.22	

05 73 00 00-0018 Remove/Reinstall Ornamental Railing *(05 73)*

05 73 00 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	74.94	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	16.41	1.92
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.85*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	19.85	2.14
		For >16 To 200, Deduct	*-1.21*	
		For >200 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-3.41*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	21.64	2.31
		For >16 To 200, Deduct	*-1.31*	
		For >200 To 500, Deduct	*-2.63*	
		For >500, Deduct	*-3.71*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	23.20	2.43
		For >16 To 200, Deduct	*-1.40*	
		For >200 To 500, Deduct	*-2.81*	
		For >500, Deduct	*-3.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	25.92	2.54
		For >16 To 200, Deduct	*-1.55*	
		For >200 To 500, Deduct	*-3.10*	
		For >500, Deduct	*-4.40*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	31.47	2.66
		For >16 To 200, Deduct	*-1.84*	
		For >200 To 500, Deduct	*-3.68*	
		For >500, Deduct	*-5.25*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	36.04	2.78
		For >16 To 200, Deduct	*-2.08*	
		For >200 To 500, Deduct	*-4.16*	
		For >500, Deduct	*-5.96*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	42.78	3.01
		For >16 To 200, Deduct	*-2.44*	
		For >200 To 500, Deduct	*-4.88*	
		For >500, Deduct	*-7.02*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	51.46	3.24
		For >16 To 200, Deduct	*-2.90*	
		For >200 To 500, Deduct	*-5.79*	
		For >500, Deduct	*-8.37*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	72.44	3.47
		For >16 To 200, Deduct	*-3.97*	
		For >200 To 500, Deduct	*-7.94*	
		For >500, Deduct	*-11.56*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.70	2.74
		For >16 To 200, Deduct	*-1.06*	
		For >200 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.90*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.39	2.95
		For >16 To 200, Deduct	*-1.16*	
		For >200 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.20*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	18.91	3.16
		For >16 To 200, Deduct	*-1.26*	
		For >200 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.47*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	22.29	3.58
		For >16 To 200, Deduct	*-1.47*	
		For >200 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-4.06*	
05 75 00 00-0018	SF	0.0625" Thick (16 gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	25.62	4.00
		For >16 To 200, Deduct	*-1.68*	
		For >200 To 500, Deduct	*-3.36*	
		For >500, Deduct	*-4.64*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	30.27	4.63
		For >16 To 200, Deduct	*-1.98*	
		For >200 To 500, Deduct	*-3.95*	
		For >500, Deduct	*-5.47*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	38.67	5.05
		For >16 To 200, Deduct	*-2.44*	
		For >200 To 500, Deduct	*-4.88*	
		For >500, Deduct	*-6.81*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	48.79	5.48
		For >16 To 200, Deduct	*-2.99*	
		For >200 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.41*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	61.52	5.90
		For >16 To 200, Deduct	*-3.67*	
		For >200 To 500, Deduct	*-7.33*	
		For >500, Deduct	*-10.41*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	93.82	6.31
		For >16 To 200, Deduct	*-5.32*	
		For >200 To 500, Deduct	*-10.65*	
		For >500, Deduct	*-15.34*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	118.23	7.37
		For >16 To 200, Deduct	*-6.65*	
		For >200 To 500, Deduct	*-13.30*	
		For >500, Deduct	*-19.21*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	9.82	1.92
		For >16 To 200, Deduct	*-0.68*	
		For >200 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-1.86*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	11.05	2.14
		For >16 To 200, Deduct	*-0.77*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.09*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	12.16	2.31
		For >16 To 200, Deduct	*-0.84*	
		For >200 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	13.20	2.43
		For >16 To 200, Deduct	*-0.90*	
		For >200 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.47*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	14.24	2.54
		For >16 To 200, Deduct	*-0.97*	
		For >200 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.65*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	15.34	2.66
		For >16 To 200, Deduct	*-1.03*	
		For >200 To 500, Deduct	*-2.07*	
		For >500, Deduct	*-2.83*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	16.65	2.78
		For >16 To 200, Deduct	*-1.11*	
		For >200 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.05*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	19.68	3.24
		For >16 To 200, Deduct	*-1.31*	
		For >200 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.60*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.96	2.20
		For >16 To 200, Deduct	*-0.77*	
		For >200 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.08*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.64	2.31
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.21*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.15	2.43
		For >16 To 200, Deduct	*-0.85*	
		For >200 To 500, Deduct	*-1.70*	
		For >500, Deduct	*-2.31*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.85	2.54
		For >16 To 200, Deduct	*-0.90*	
		For >200 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.44*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.70	2.66
		For >16 To 200, Deduct	*-0.95*	
		For >200 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.59*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.60	2.78
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.75*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	16.42	3.01
		For >16 To 200, Deduct	*-1.12*	
		For >200 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.06*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	18.47	3.24
		For >16 To 200, Deduct	*-1.25*	
		For >200 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.42*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	20.23	3.47
		For >16 To 200, Deduct	*-1.36*	
		For >200 To 500, Deduct	*-2.72*	
		For >500, Deduct	*-3.73*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	8.78	1.70
		For >16 To 200, Deduct	*-0.61*	
		For >200 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.66*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	10.08	1.92
		For >16 To 200, Deduct	*-0.70*	
		For >200 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.90*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	11.36	2.14
		For >16 To 200, Deduct	*-0.78*	
		For >200 To 500, Deduct	*-1.56*	
		For >500, Deduct	*-2.13*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.46	2.31
		For >16 To 200, Deduct	*-0.85*	
		For >200 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.	6.76

06 05 Common Work Results For Wood, Plastics, And Composites *(06)*

06 05 23 Wood, Plastic, And Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	10.03
		For >10 To 50, Deduct	*-0.33*
		For >50 To 100, Deduct	*-0.74*
		For >100 To 250, Deduct	*-1.49*
		For >250 To 500, Deduct	*-2.56*
		For >500, Deduct	*-3.63*
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	13.14
		For >10 To 50, Deduct	*-0.35*
		For >50 To 100, Deduct	*-0.86*
		For >100 To 250, Deduct	*-1.72*
		For >250 To 500, Deduct	*-2.93*
		For >500, Deduct	*-4.14*
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	14.32
		For >10 To 50, Deduct	*-0.35*
		For >50 To 100, Deduct	*-0.89*
		For >100 To 250, Deduct	*-1.78*
		For >250 To 500, Deduct	*-3.02*
		For >500, Deduct	*-4.26*
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	27.78
		For >10 To 50, Deduct	*-0.48*
		For >50 To 100, Deduct	*-1.42*
		For >100 To 250, Deduct	*-2.84*
		For >250 To 500, Deduct	*-4.74*
		For >500, Deduct	*-6.64*

06 05 23 00-0006 Framing Anchors *(06 05 23)*

06 05 23 00-0007	EA	10 Gauge Framing Anchor	5.86	2.76
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.69*	

06 05 23 00-0008 Holddown Anchors *(06 05 23)*

06 05 23 00-0009	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs, (Simpson Strong Tie® HD3B)	37.39
		For >10 To 50, Deduct	*-1.42*
		For >50 To 100, Deduct	*-3.07*
		For >100 To 250, Deduct	*-6.14*
		For >250 To 500, Deduct	*-10.64*
		For >500, Deduct	*-15.13*
06 05 23 00-0010	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD5B)	50.61
		For >10 To 50, Deduct	*-1.42*
		For >50 To 100, Deduct	*-3.40*
		For >100 To 250, Deduct	*-6.80*
		For >250 To 500, Deduct	*-11.63*
		For >500, Deduct	*-16.45*
06 05 23 00-0011	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD7B)	57.24
		For >10 To 50, Deduct	*-1.56*
		For >50 To 100, Deduct	*-3.77*
		For >100 To 250, Deduct	*-7.55*
		For >250 To 500, Deduct	*-12.88*
		For >500, Deduct	*-18.21*
06 05 23 00-0012	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs, (Simpson Strong Tie® HD9B)	69.50
		For >10 To 50, Deduct	*-1.75*
		For >50 To 100, Deduct	*-4.36*
		For >100 To 250, Deduct	*-8.71*
		For >250 To 500, Deduct	*-14.81*
		For >500, Deduct	*-20.91*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0013	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD12)	134.06	
		For >10 To 50, Deduct	*-2.20*	
		For >50 To 100, Deduct	*-6.66*	
		For >100 To 250, Deduct	*-13.32*	
		For >250 To 500, Deduct	*-22.18*	
		For >500, Deduct	*-31.04*	
06 05 23 00-0014	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD19)	153.56	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 250, Deduct	*-14.57*	
		For >250 To 500, Deduct	*-24.15*	
		For >500, Deduct	*-33.72*	

06 05 23 00-0015 Joist And Beam Hangers *(06 05 23)*

06 05 23 00-0016	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	5.88	2.57
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.08*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.69*	
06 05 23 00-0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers	6.72	2.57
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.90*	
06 05 23 00-0018	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers	8.54	2.57
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.15*	
06 05 23 00-0019	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers	8.71	2.57
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.23*	
		For >500, Deduct	*-3.17*	
06 05 23 00-0020	EA	16 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers	8.79	2.66
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.25*	
06 05 23 00-0021	EA	16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers	9.27	2.66
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.30*	

06 05 23 00-0022 Post Framing *(06 05 23)*

06 05 23 00-0023	EA	16 Gauge Post Framing With 4" x 4" Base	11.64	3.22
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.82*	
		For >500, Deduct	*-3.99*	
06 05 23 00-0024	EA	16 Gauge Post Framing With 4" x 4" Cap	9.83	3.22
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.81*	

06 05 23 00-0025 Rafter Anchors *(06 05 23)*

06 05 23 00-0026	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	6.66	2.85
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-3.20*	
06 05 23 00-0027	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	6.85	2.85
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-3.22*	
06 05 23 00-0028	EA	Galvanized Rigid Rafter Connector, For 2" x 6"	8.08	2.85
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.34*	

06 05 23 00-0029 Bolts And Fasteners *(06 05 23)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0030		Carriage Bolts *(06 05 23 00-0029)*			
		Note: Includes drilling of holes in any material. Includes nut and washer.			
06 05 23 00-0031		Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0030)*			
06 05 23 00-0032	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		12.15	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.20*	
		For >100 To 250, Deduct		*-2.40*	
		For >250 To 500, Deduct		*-4.19*	
		For >500, Deduct		*-5.99*	
06 05 23 00-0033	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		12.24	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.20*	
		For >100 To 250, Deduct		*-2.40*	
		For >250 To 500, Deduct		*-4.20*	
		For >500, Deduct		*-6.00*	
06 05 23 00-0034	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		12.30	
		For >10 To 50, Deduct		*-0.60*	
		For >50 To 100, Deduct		*-1.20*	
		For >100 To 250, Deduct		*-2.40*	
		For >250 To 500, Deduct		*-4.20*	
		For >500, Deduct		*-6.00*	
06 05 23 00-0035	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		14.33	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.39*	
		For >100 To 250, Deduct		*-2.78*	
		For >250 To 500, Deduct		*-4.86*	
		For >500, Deduct		*-6.95*	
06 05 23 00-0036	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		13.33	
		For >10 To 50, Deduct		*-0.64*	
		For >50 To 100, Deduct		*-1.30*	
		For >100 To 250, Deduct		*-2.60*	
		For >250 To 500, Deduct		*-4.54*	
		For >500, Deduct		*-6.48*	
06 05 23 00-0037	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		14.41	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.39*	
		For >100 To 250, Deduct		*-2.79*	
		For >250 To 500, Deduct		*-4.87*	
		For >500, Deduct		*-6.95*	
06 05 23 00-0038	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		14.56	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.40*	
		For >100 To 250, Deduct		*-2.80*	
		For >250 To 500, Deduct		*-4.88*	
		For >500, Deduct		*-6.97*	
06 05 23 00-0039	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		17.42	
		For >10 To 50, Deduct		*-0.83*	
		For >50 To 100, Deduct		*-1.68*	
		For >100 To 250, Deduct		*-3.35*	
		For >250 To 500, Deduct		*-5.85*	
		For >500, Deduct		*-8.35*	
06 05 23 00-0040	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		18.80	
		For >10 To 50, Deduct		*-0.87*	
		For >50 To 100, Deduct		*-1.78*	
		For >100 To 250, Deduct		*-3.56*	
		For >250 To 500, Deduct		*-6.21*	
		For >500, Deduct		*-8.86*	
06 05 23 00-0041	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		21.09	
		For >10 To 50, Deduct		*-0.96*	
		For >50 To 100, Deduct		*-1.97*	
		For >100 To 250, Deduct		*-3.95*	
		For >250 To 500, Deduct		*-6.88*	
		For >500, Deduct		*-9.82*	
06 05 23 00-0042	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		14.74	
		For >10 To 50, Deduct		*-0.69*	
		For >50 To 100, Deduct		*-1.40*	
		For >100 To 250, Deduct		*-2.80*	
		For >250 To 500, Deduct		*-4.90*	
		For >500, Deduct		*-6.99*	
06 05 23 00-0043	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		16.04	
		For >10 To 50, Deduct		*-0.73*	
		For >50 To 100, Deduct		*-1.50*	
		For >100 To 250, Deduct		*-3.01*	
		For >250 To 500, Deduct		*-5.24*	
		For >500, Deduct		*-7.48*	
06 05 23 00-0044	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		17.09	
		For >10 To 50, Deduct		*-0.78*	
		For >50 To 100, Deduct		*-1.60*	
		For >100 To 250, Deduct		*-3.20*	
		For >250 To 500, Deduct		*-5.57*	
		For >500, Deduct		*-7.95*	
06 05 23 00-0045	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt		19.15	
		For >10 To 50, Deduct		*-0.87*	
		For >50 To 100, Deduct		*-1.79*	
		For >100 To 250, Deduct		*-3.58*	
		For >250 To 500, Deduct		*-6.24*	
		For >500, Deduct		*-8.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0046	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.43	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.15*	
		For >250 To 500, Deduct	*-7.24*	
		For >500, Deduct	*-10.32*	
06 05 23 00-0047	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.99	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.94*	
		For >500, Deduct	*-11.32*	
06 05 23 00-0048	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.57	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-6.01*	
		For >500, Deduct	*-8.57*	
06 05 23 00-0049	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.11	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-6.38*	
		For >500, Deduct	*-9.09*	
06 05 23 00-0050	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.12	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.44*	
		For >500, Deduct	*-10.59*	
06 05 23 00-0051	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.86	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-11.24*	
06 05 23 00-0052	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.24	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-4.95*	
		For >250 To 500, Deduct	*-8.58*	
		For >500, Deduct	*-12.20*	
06 05 23 00-0053	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.96	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.57*	
		For >100 To 250, Deduct	*-5.13*	
		For >250 To 500, Deduct	*-8.89*	
		For >500, Deduct	*-12.65*	

06 05 23 00-0054 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0030)*

06 05 23 00-0055	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.32	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.20*	
		For >500, Deduct	*-6.00*	
06 05 23 00-0056	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.50	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.22*	
		For >500, Deduct	*-6.02*	
06 05 23 00-0057	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.70	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-4.23*	
		For >500, Deduct	*-6.04*	
06 05 23 00-0058	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.99	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.91*	
		For >500, Deduct	*-7.01*	
06 05 23 00-0059	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.57	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 250, Deduct	*-2.61*	
		For >250 To 500, Deduct	*-4.55*	
		For >500, Deduct	*-6.50*	
06 05 23 00-0060	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.78	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.81*	
		For >250 To 500, Deduct	*-4.90*	
		For >500, Deduct	*-6.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0061	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.00	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.82*	
		For >250 To 500, Deduct	*-4.91*	
		For >500, Deduct	*-7.01*	
06 05 23 00-0062	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.09	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.42*	
06 05 23 00-0063	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.55	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.94*	
06 05 23 00-0064	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.79	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.98*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.89*	
06 05 23 00-0065	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.29	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.83*	
		For >250 To 500, Deduct	*-4.94*	
		For >500, Deduct	*-7.04*	
06 05 23 00-0066	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.48	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.52*	
06 05 23 00-0067	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.61	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.22*	
		For >250 To 500, Deduct	*-5.61*	
		For >500, Deduct	*-8.01*	
06 05 23 00-0068	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.90	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.97*	
06 05 23 00-0069	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.17	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.09*	
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 500, Deduct	*-7.29*	
		For >500, Deduct	*-10.40*	
06 05 23 00-0070	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.56	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.58*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-11.37*	
06 05 23 00-0071	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.25	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.74*	
06 05 23 00-0072	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.28	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-3.73*	
		For >250 To 500, Deduct	*-6.47*	
		For >500, Deduct	*-9.21*	
06 05 23 00-0073	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.95	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 250, Deduct	*-4.33*	
		For >250 To 500, Deduct	*-7.50*	
		For >500, Deduct	*-10.68*	
06 05 23 00-0074	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.80	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 250, Deduct	*-4.56*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-11.23*	
06 05 23 00-0075	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.33	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 250, Deduct	*-5.01*	
		For >250 To 500, Deduct	*-8.66*	
		For >500, Deduct	*-12.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	33.22	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 250, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-9.06*	
		For >500, Deduct	*-12.87*	

06 05 23 00-0077 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0030)*

06 05 23 00-0078	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.79	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-4.24*	
		For >500, Deduct	*-6.05*	
06 05 23 00-0079	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	13.73	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-4.31*	
		For >500, Deduct	*-6.15*	
06 05 23 00-0080	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.34	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.36*	
		For >500, Deduct	*-6.21*	
06 05 23 00-0081	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.80	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.50*	
		For >500, Deduct	*-7.79*	
06 05 23 00-0082	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.59	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.33*	
		For >100 To 250, Deduct	*-2.66*	
		For >250 To 500, Deduct	*-4.63*	
		For >500, Deduct	*-6.60*	
06 05 23 00-0083	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.87	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-5.05*	
		For >500, Deduct	*-7.20*	
06 05 23 00-0084	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.16	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-5.08*	
		For >500, Deduct	*-7.23*	
06 05 23 00-0085	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	29.71	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.97*	
		For >250 To 500, Deduct	*-6.77*	
		For >500, Deduct	*-9.58*	
06 05 23 00-0086	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	35.52	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-4.39*	
		For >250 To 500, Deduct	*-7.46*	
		For >500, Deduct	*-10.53*	
06 05 23 00-0087	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	39.72	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.28*	
		For >500, Deduct	*-11.68*	
06 05 23 00-0088	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.97	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-5.14*	
		For >500, Deduct	*-7.31*	
06 05 23 00-0089	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.18	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.55*	
		For >500, Deduct	*-7.89*	
06 05 23 00-0090	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.96	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-6.09*	
		For >500, Deduct	*-8.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0091	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	36.38	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.53*	
		For >500, Deduct	*-10.62*	
06 05 23 00-0092	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	41.20	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.65*	
		For >500, Deduct	*-12.20*	
06 05 23 00-0093	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	62.45	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-6.43*	
		For >250 To 500, Deduct	*-10.74*	
		For >500, Deduct	*-15.06*	
06 05 23 00-0094	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	48.58	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-2.52*	
		For >100 To 250, Deduct	*-5.05*	
		For >250 To 500, Deduct	*-8.44*	
		For >500, Deduct	*-11.84*	
06 05 23 00-0095	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	67.74	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.21*	
		For >100 To 250, Deduct	*-6.42*	
		For >250 To 500, Deduct	*-10.64*	
		For >500, Deduct	*-14.85*	
06 05 23 00-0096	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	74.78	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-6.91*	
		For >250 To 500, Deduct	*-11.42*	
		For >500, Deduct	*-15.93*	
06 05 23 00-0097	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	108.46	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.43*	
		For >100 To 250, Deduct	*-8.87*	
		For >250 To 500, Deduct	*-14.45*	
		For >500, Deduct	*-20.03*	
06 05 23 00-0098	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	114.03	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 250, Deduct	*-9.28*	
		For >250 To 500, Deduct	*-15.12*	
		For >500, Deduct	*-20.96*	

06 05 23 00-0099 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0030)*

06 05 23 00-0100	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	17.13	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.57*	
		For >500, Deduct	*-6.49*	
06 05 23 00-0101	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	18.77	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.73*	
		For >250 To 500, Deduct	*-4.69*	
		For >500, Deduct	*-6.65*	
06 05 23 00-0102	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	20.26	
		For >10 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-7.17*	
06 05 23 00-0103	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	23.47	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 250, Deduct	*-3.24*	
		For >250 To 500, Deduct	*-5.55*	
		For >500, Deduct	*-7.86*	
06 05 23 00-0104	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	30.81	
		For >10 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.80*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.59*	
06 05 23 00-0105	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	33.49	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.88*	
		For >250 To 500, Deduct	*-6.55*	
		For >500, Deduct	*-9.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0106	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	36.05	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-4.14*	
		For >250 To 500, Deduct	*-7.00*	
		For >500, Deduct	*-9.85*	

06 05 23 00-0107 Hex Lag Bolts *(06 05 23 00-0029)*

Note: Includes drilling of holes in any material.

06 05 23 00-0108 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0107)*

06 05 23 00-0109	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	11.61	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.30*	
		For >250 To 500, Deduct	*-4.03*	
		For >500, Deduct	*-5.75*	
06 05 23 00-0110	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	11.70	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-4.03*	
		For >500, Deduct	*-5.76*	
06 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	11.86	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-4.05*	
		For >500, Deduct	*-5.78*	
06 05 23 00-0112	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	12.76	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-4.40*	
		For >500, Deduct	*-6.28*	
06 05 23 00-0113	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	13.81	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.70*	
		For >250 To 500, Deduct	*-4.72*	
		For >500, Deduct	*-6.74*	
06 05 23 00-0114	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	14.00	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.71*	
		For >250 To 500, Deduct	*-4.74*	
		For >500, Deduct	*-6.76*	
06 05 23 00-0115	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	17.07	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.71*	
		For >500, Deduct	*-8.14*	
06 05 23 00-0116	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	18.07	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.45*	
		For >250 To 500, Deduct	*-6.02*	
		For >500, Deduct	*-8.60*	
06 05 23 00-0117	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	14.03	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.73*	
		For >250 To 500, Deduct	*-4.76*	
		For >500, Deduct	*-6.80*	
06 05 23 00-0118	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	15.21	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.10*	
		For >500, Deduct	*-7.29*	
06 05 23 00-0119	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	16.45	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.44*	
		For >500, Deduct	*-7.77*	
06 05 23 00-0120	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	18.64	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.70*	
06 05 23 00-0121	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	21.89	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.03*	
		For >100 To 250, Deduct	*-4.07*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-10.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0122	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	23.88	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.73*	
		For >500, Deduct	*-11.03*	
06 05 23 00-0123	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.77	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.82*	
06 05 23 00-0124	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	23.45	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 250, Deduct	*-4.14*	
		For >250 To 500, Deduct	*-7.21*	
		For >500, Deduct	*-10.27*	
06 05 23 00-0125	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	25.62	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-4.39*	
		For >250 To 500, Deduct	*-7.61*	
		For >500, Deduct	*-10.84*	
06 05 23 00-0126	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	28.60	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.40*	
		For >100 To 250, Deduct	*-4.81*	
		For >250 To 500, Deduct	*-8.34*	
		For >500, Deduct	*-11.86*	
06 05 23 00-0127	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	31.56	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.80*	
		For >500, Deduct	*-12.52*	

06 05 23 00-0128 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0107)*

06 05 23 00-0129	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	11.65	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 250, Deduct	*-2.30*	
		For >250 To 500, Deduct	*-4.03*	
		For >500, Deduct	*-5.76*	
06 05 23 00-0130	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	11.78	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-4.04*	
		For >500, Deduct	*-5.77*	
06 05 23 00-0131	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	11.91	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-4.05*	
		For >500, Deduct	*-5.78*	
06 05 23 00-0132	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.83	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.52*	
		For >250 To 500, Deduct	*-4.40*	
		For >500, Deduct	*-6.29*	
06 05 23 00-0133	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	13.92	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.35*	
		For >100 To 250, Deduct	*-2.71*	
		For >250 To 500, Deduct	*-4.73*	
		For >500, Deduct	*-6.75*	
06 05 23 00-0134	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.13	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.74*	
		For >500, Deduct	*-6.77*	
06 05 23 00-0135	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	17.32	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.72*	
		For >500, Deduct	*-8.17*	
06 05 23 00-0136	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.49	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.47*	
		For >250 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0137	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.22	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.78*	
		For >500, Deduct	*-6.82*	
06 05 23 00-0138	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.32	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-5.11*	
		For >500, Deduct	*-7.30*	
06 05 23 00-0139	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.64	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.46*	
		For >500, Deduct	*-7.78*	
06 05 23 00-0140	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	19.22	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.53*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.76*	
06 05 23 00-0141	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.17	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.14*	
06 05 23 00-0142	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	24.57	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-7.79*	
		For >500, Deduct	*-11.10*	
06 05 23 00-0143	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	20.19	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.22*	
		For >500, Deduct	*-8.86*	
06 05 23 00-0144	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.83	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.24*	
		For >500, Deduct	*-10.31*	
06 05 23 00-0145	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.26	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.66*	
		For >500, Deduct	*-10.91*	
06 05 23 00-0146	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	30.11	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.45*	
		For >500, Deduct	*-12.02*	
06 05 23 00-0147	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.17	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-5.17*	
		For >250 To 500, Deduct	*-8.93*	
		For >500, Deduct	*-12.68*	

06 05 23 00-0148 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0107)*

06 05 23 00-0149	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.07	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-4.06*	
		For >500, Deduct	*-5.80*	
06 05 23 00-0150	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.51	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-4.10*	
		For >500, Deduct	*-5.84*	
06 05 23 00-0151	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	13.71	
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.20*	
		For >100 To 250, Deduct	*-2.41*	
		For >250 To 500, Deduct	*-4.19*	
		For >500, Deduct	*-5.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0152	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.02	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.49*	
		For >500, Deduct	*-6.41*	
06 05 23 00-0153	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.58	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.79*	
		For >250 To 500, Deduct	*-4.85*	
		For >500, Deduct	*-6.92*	
06 05 23 00-0154	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.34	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 250, Deduct	*-2.83*	
		For >250 To 500, Deduct	*-4.91*	
		For >500, Deduct	*-6.99*	
06 05 23 00-0155	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	29.67	
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 250, Deduct	*-3.90*	
		For >250 To 500, Deduct	*-6.65*	
		For >500, Deduct	*-9.40*	
06 05 23 00-0156	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	39.88	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.54*	
		For >250 To 500, Deduct	*-7.66*	
		For >500, Deduct	*-10.78*	
06 05 23 00-0157	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.46	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.95*	
		For >500, Deduct	*-7.05*	
06 05 23 00-0158	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	18.97	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.39*	
		For >500, Deduct	*-7.66*	
06 05 23 00-0159	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	22.62	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.43*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.38*	
06 05 23 00-0160	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	42.16	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-7.86*	
		For >500, Deduct	*-11.06*	
06 05 23 00-0161	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	56.28	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-5.79*	
		For >250 To 500, Deduct	*-9.67*	
		For >500, Deduct	*-13.55*	
06 05 23 00-0162	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	65.25	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-6.50*	
		For >250 To 500, Deduct	*-10.84*	
		For >500, Deduct	*-15.17*	
06 05 23 00-0163	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	59.58	
		For >10 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.17*	
		For >500, Deduct	*-12.80*	
06 05 23 00-0164	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	68.19	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-6.38*	
		For >250 To 500, Deduct	*-10.56*	
		For >500, Deduct	*-14.74*	
06 05 23 00-0165	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	70.98	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.33*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-11.02*	
		For >500, Deduct	*-15.38*	
06 05 23 00-0166	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	96.37	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-4.10*	
		For >100 To 250, Deduct	*-8.20*	
		For >250 To 500, Deduct	*-13.42*	
		For >500, Deduct	*-18.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0167	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	104.78	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-4.38*	
		For >100 To 250, Deduct	*-8.75*	
		For >250 To 500, Deduct	*-14.30*	
		For >500, Deduct	*-19.84*	

06 05 23 00-0168 Supports *(06 05 23)*

06 05 23 00-0169 Shear Plates *(06 05 23 00-0168)*

06 05 23 00-0170	EA	2-5/8" Diameter, Shear Plate	9.72	3.40
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.83*	
		For >500, Deduct	*-4.03*	
06 05 23 00-0171	EA	4" Diameter, Shear Plate	12.77	3.58
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.47*	

06 05 23 00-0172 Sill Anchors *(06 05 23 00-0168)*

06 05 23 00-0173	EA	Sill Anchor Embedded In Concrete	8.55	3.58
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-4.05*	

06 05 23 00-0174 Spike Grids *(06 05 23 00-0168)*

06 05 23 00-0175	EA	4" x 4" Flat Or Curved Spike Grid	8.39	3.40
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.90*	

06 05 23 00-0176 Split Rings *(06 05 23 00-0168)*

06 05 23 00-0177	EA	2-1/2" Diameter Split Ring	8.85	3.40
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.95*	
06 05 23 00-0178	EA	4" Diameter Split Ring	10.35	3.76
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.07*	
		For >500, Deduct	*-4.38*	

06 05 23 00-0179 Toothed Rings *(06 05 23 00-0168)*

06 05 23 00-0180	EA	2-5/8" Or 4" Toothed Ring	10.59	3.40
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.90*	
		For >500, Deduct	*-4.12*	

06 05 23 00-0181 Straps And Shields *(06 05 23)*

06 05 23 00-0182 Shield Plate *(06 05 23 00-0181)*

06 05 23 00-0183	EA	5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z)	5.46	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.07*	
06 05 23 00-0184	EA	5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z)	8.13	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.45*	

06 05 23 00-0185 Strap Ties *(06 05 23 00-0181)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0186	EA	1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9)	2.37	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.66*	
06 05 23 00-0187	EA	1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12)	2.42	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.67*	
06 05 23 00-0188	EA	1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15)	3.16	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.84*	
06 05 23 00-0189	EA	1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18)	3.31	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.86*	
06 05 23 00-0190	EA	1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21)	3.44	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0191	EA	1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24)	4.04	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-1.04*	
06 05 23 00-0192	EA	1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30)	4.40	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.07*	
06 05 23 00-0193	EA	1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36)	5.22	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.26*	
06 05 23 00-0194	EA	1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA9)	2.42	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.67*	
06 05 23 00-0195	EA	1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA12)	2.59	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.68*	
06 05 23 00-0196	EA	1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA15)	3.27	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.85*	
06 05 23 00-0197	EA	1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA18)	3.47	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.87*	
06 05 23 00-0198	EA	1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA21)	3.65	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.89*	
06 05 23 00-0199	EA	1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA24)	4.32	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.07*	
06 05 23 00-0200	EA	1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA30)	4.61	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0201	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36)	5.56	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.30*	
06 05 23 00-0202	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49)	7.09	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.55*	
06 05 23 00-0203	EA	1-1/4"" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9)	2.65	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.69*	
06 05 23 00-0204	EA	1-1/4"" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12)	2.86	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.71*	
06 05 23 00-0205	EA	1-1/4"" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18)	3.81	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0206	EA	1-1/4"" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22)	4.90	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.12*	
06 05 23 00-0207	EA	1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6)	3.25	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.75*	
06 05 23 00-0208	EA	1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8)	3.42	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.77*	
06 05 23 00-0209	EA	1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12)	4.59	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.99*	
06 05 23 00-0210	EA	2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27)	7.91	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.43*	
06 05 23 00-0211	EA	2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37)	10.58	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.80*	
06 05 23 00-0212	EA	2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48)	13.85	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.23*	
06 05 23 00-0213	EA	2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60)	19.80	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.93*	
06 05 23 00-0214	EA	2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72)	25.36	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.48*	
		For >500, Deduct	*-3.59*	
06 05 23 00-0215	EA	3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28)	8.43	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0216	EA	3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40)	11.34	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.25*	
		For >500, Deduct	*-1.87*	
06 05 23 00-0217	EA	3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52)	14.06	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.51*	
		For >500, Deduct	*-2.25*	
06 05 23 00-0218	EA	3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66)	20.21	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.03*	
		For >500, Deduct	*-2.97*	

06 05 23 00-0219 Twist Strap Ties *(06 05 23 00-0181)*

06 05 23 00-0220	EA	1-1/4"" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9)	2.93	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.72*	
06 05 23 00-0221	EA	1-1/4"" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12)	3.32	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.76*	
06 05 23 00-0222	EA	1-1/4"" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18)	4.43	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.97*	
06 05 23 00-0223	EA	1-1/4"" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22)	5.27	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.16*	

06 05 23 00-0224 Retrofit Plate Strap *(06 05 23 00-0181)*

06 05 23 00-0225	EA	1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18)	4.00	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0226	EA	1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22)	4.36	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.96*	
06 05 23 00-0227	EA	1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28)	4.93	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.02*	

06 05 23 00-0228 Stud Shoe *(06 05 23 00-0181)*

06 05 23 00-0229	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5)	7.04	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.34*	
06 05 23 00-0230	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5)	10.29	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.66*	
06 05 23 00-0231	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3)	10.73	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0232	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5)	14.32	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.07*	
06 05 23 00-0233	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-SDS1.5)	16.00	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-2.23*	
06 05 23 00-0234	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	19.62	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.60*	
06 05 23 00-0235	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-3-SDS3)	19.62	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.60*	
06 05 23 00-0236	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS4-SDS3)	19.62	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.60*	

06 05 23 00-0237 Nail Stops *(06 05 23 00-0181)*

06 05 23 00-0238	EA	1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1)	2.24	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500, Deduct	*-0.65*	
06 05 23 00-0239	EA	1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2)	2.52	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.68*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	395.08	

06 05 73 33 Preservative Wood Treatment *(06 05 73)*

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*

06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	107.68	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	3.72	1.57
		For Each Additional 2" x_" In The Built Up Member, Add	*0.66*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	4.66	1.85
		For Each Additional 2" x_" In The Built Up Member, Add	*0.94*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	5.94	2.22
		For Each Additional 2" x_" In The Built Up Member, Add	*1.31*	

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	3.72	1.57
		For Each Additional 2" x_" In The Built Up Member, Add	*0.66*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	4.66	1.85
		For Each Additional 2" x_" In The Built Up Member, Add	*0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	5.94	2.22
		For Each Additional 2" x_" In The Built Up Member, Add	*1.31*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Sills And Plates *(06 11 16)*

06 11 16 00-0002 Sills *(06 11 16 00-0001)*

Note: A horizontal member which rests on and is attached to the foundation.

06 11 16 00-0003	LF	2" x 4" Wood Sill	2.48	1.39
06 11 16 00-0004	LF	2" x 6" Wood Sill	2.97	1.57
06 11 16 00-0005	LF	2" x 8" Wood Sill	3.55	1.75
06 11 16 00-0006	LF	2" x 4" Pressure Treated Wood Sill	2.74	1.39
06 11 16 00-0007	LF	2" x 6" Pressure Treated Wood Sill	3.41	1.57
06 11 16 00-0008	LF	2" x 8" Pressure Treated Wood Sill	4.16	1.75

06 11 16 00-0009 Plates *(06 11 16 00-0001)*

Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.

06 11 16 00-0010	LF	2" x 4" Wood Plate	2.48	1.39
06 11 16 00-0011	LF	2" x 6" Wood Plate	2.97	1.57
06 11 16 00-0012	LF	2" x 8" Wood Plate	3.53	1.75
06 11 16 00-0013	LF	2" x 4" Pressure Treated Wood Plate	2.74	1.39
06 11 16 00-0014	LF	2" x 6" Pressure Treated Wood Plate	3.41	1.57
06 11 16 00-0015	LF	2" x 8" Pressure Treated Wood Plate	4.14	1.75

06 11 16 00-0016 Sills And Plates From Redwood *(06 11 16 00-0001)*

06 11 16 00-0017 Construction Grade/Rough *(06 11 16 00-0016)*

06 11 16 00-0018	LF	2" x 6" Redwood, Construction Grade/Rough	3.97	1.57
06 11 16 00-0019	LF	2" x 8" Redwood, Construction Grade/Rough	5.14	1.75
06 11 16 00-0020	LF	2" x 10" Redwood, Construction Grade/Rough	6.25	1.95
06 11 16 00-0021	LF	2" x 12" Redwood, Construction Grade/Rough	7.53	2.13

06 11 16 00-0022 Con Heart/Smooth *(06 11 16 00-0016)*

06 11 16 00-0023	LF	2" x 6" Redwood, Con Heart/Smooth	4.68	1.57
06 11 16 00-0024	LF	2" x 8" Redwood, Con Heart/Smooth	6.21	1.75
06 11 16 00-0025	LF	2" x 10" Redwood, Con Heart/Smooth	8.05	1.95
06 11 16 00-0026	LF	2" x 12" Redwood, Con Heart/Smooth	9.67	2.13

06 11 16 00-0027 Suspended Ceiling Framing *(06 11 16)*

06 11 16 00-0028	LF	1" x 2" Wood Suspended Ceiling Framing	2.03	1.21
06 11 16 00-0029	LF	1" x 3" Wood Suspended Ceiling Framing	2.22	1.30
06 11 16 00-0030	LF	2" x 2" Wood Suspended Ceiling Framing	2.40	1.39
06 11 16 00-0031	LF	2" x 4" Wood Suspended Ceiling Framing	2.84	1.57
06 11 16 00-0032	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.25	1.21
06 11 16 00-0033	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.21	1.30
06 11 16 00-0034	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.64	1.39
06 11 16 00-0035	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.06	1.57

06 11 16 00-0036 Posts And Girts *(06 11 16)*

06 11 16 00-0037 Posts *(06 11 16 00-0036)*

Note: A vertical, upright framing member.

06 11 16 00-0038	LF	4" x 4" Wood Post	3.46	1.75
06 11 16 00-0039	LF	4" x 5" Wood Post	3.93	2.04
06 11 16 00-0040	LF	4" x 6" Wood Post	4.34	2.22
06 11 16 00-0041	LF	6" x 6" Wood Post	4.83	2.40
06 11 16 00-0042	LF	8" x 8" Wood Post	5.30	2.49
06 11 16 00-0043	LF	10" x 10" Wood Post	5.80	2.87
06 11 16 00-0044	LF	4" x 4" Pressure Treated Wood Post	4.36	1.75
06 11 16 00-0045	LF	4" x 6" Pressure Treated Wood Post	5.63	2.22
06 11 16 00-0046	LF	6" x 6" Pressure Treated Wood Post	7.12	2.40

06 11 16 00-0047 Girts *(06 11 16 00-0036)*

Note: A horizontal member at intermediate level between columns, studs, or posts.

06 11 16 00-0048	LF	2" x 4" Wood Girt	1.73	0.67
06 11 16 00-0049	LF	2" x 6" Wood Girt	2.12	0.73
06 11 16 00-0050	LF	2" x 8" Wood Girt	2.55	0.80
06 11 16 00-0051	LF	2" x 10" Wood Girt	3.08	0.89
06 11 16 00-0052	LF	4" x 4" Wood Girt	3.36	1.33
06 11 16 00-0053	LF	4" x 5" Wood Girt	3.85	1.50
06 11 16 00-0054	LF	4" x 6" Wood Girt	4.33	1.66
06 11 16 00-0055	LF	6" x 6" Wood Girt	4.81	1.83
06 11 16 00-0056	LF	8" x 8" Wood Girt	5.29	2.00
06 11 16 00-0057	LF	10" x 10" Wood Girt	5.78	2.18
06 11 16 00-0058	LF	2" x 4" Pressure Treated Wood Girt	1.99	0.67
06 11 16 00-0059	LF	2" x 6" Pressure Treated Wood Girt	2.56	0.73
06 11 16 00-0060	LF	2" x 8" Pressure Treated Wood Girt	3.16	0.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0061	LF	2" x 10" Pressure Treated Wood Girt	3.69	0.89
06 11 16 00-0062	LF	4" x 4" Pressure Treated Wood Girt	4.36	1.33
06 11 16 00-0063	LF	4" x 6" Pressure Treated Wood Girt	5.63	1.66
06 11 16 00-0064	LF	6" x 6" Pressure Treated Wood Girt	7.12	1.83

06 11 16 00-0065 Construction Grade/Rough Redwood Posts *(06 11 16 00-0036)*

06 11 16 00-0066	LF	4" x 4" Redwood, Construction Grade/Rough Post	5.88	1.75
		For Smooth "Clear", Add	*0.64*	
06 11 16 00-0067	LF	4" x 5" Redwood, Construction Grade/Rough Post	7.00	2.04
		For Smooth "Clear", Add	*0.80*	
06 11 16 00-0068	LF	4" x 6" Redwood, Construction Grade/Rough Post	8.16	2.22
		For Smooth "Clear", Add	*0.97*	
06 11 16 00-0069	LF	4" x 8" Redwood, Construction Grade/Rough Post	9.91	2.28
		For Smooth "Clear", Add	*1.29*	
06 11 16 00-0070	LF	4" x 10" Redwood, Construction Grade/Rough Post	11.74	2.43
		For Smooth "Clear", Add	*1.61*	
06 11 16 00-0071	LF	6" x 6" Redwood, Construction Grade/Rough Post	10.91	2.40
		For Smooth "Clear", Add	*1.45*	
06 11 16 00-0072	LF	6" x 8" Redwood, Construction Grade/Rough Post	13.47	2.49
		For Smooth "Clear", Add	*1.93*	
06 11 16 00-0073	LF	6" x 10" Redwood, Construction Grade/Rough Post	15.98	2.34
		For Smooth "Clear", Add	*2.42*	
06 11 16 00-0074	LF	8" x 8" Redwood, Construction Grade/Rough Post	16.88	2.49
		For Smooth "Clear", Add	*2.58*	

06 11 16 00-0075 Stair Stringers *(06 11 16)*

See CSI section 06 43 13 00-0001 for treads and risers.

06 11 16 00-0076	LF	2" x 10" Wood Stair Stringer	6.83	3.70
06 11 16 00-0077	LF	2" x 12" Wood Stair Stringer	8.08	4.35
06 11 16 00-0078	LF	2" x 10" Pressure Treated Wood Stair Stringer	7.47	3.70
06 11 16 00-0079	LF	2" x 12" Pressure Treated Wood Stair Stringer	8.98	4.35

06 11 16 00-0080 Blocking *(06 11 16)*

06 11 16 00-0081 Blocking *(06 11 16 00-0080)*

06 11 16 00-0082 Blocking To Wood *(06 11 16 00-0081)*

06 11 16 00-0083	LF	2" x 4" Pressure Treated Wood Blocking To Wood	5.39	2.22
06 11 16 00-0084	LF	2" x 6" Pressure Treated Wood Blocking To Wood	6.47	2.44
06 11 16 00-0085	LF	2" x 8" Pressure Treated Wood Blocking To Wood	7.43	2.68
06 11 16 00-0086	LF	4" x 4" Pressure Treated Wood Blocking To Wood	8.68	2.95
06 11 16 00-0087	LF	4" x 6" Pressure Treated Wood Blocking To Wood	9.32	3.25
06 11 16 00-0088	LF	2" x 4" Wood Blocking To Wood	4.84	2.22
06 11 16 00-0089	LF	2" x 6" Wood Blocking To Wood	5.54	2.44
06 11 16 00-0090	LF	2" x 8" Wood Blocking To Wood	6.32	2.68
06 11 16 00-0091	LF	4" x 4" Wood Blocking To Wood	6.72	2.95
06 11 16 00-0092	LF	4" x 6" Wood Blocking To Wood	7.51	3.25

06 11 16 00-0093 Blocking To Steel *(06 11 16 00-0081)*

06 11 16 00-0094	LF	2" x 4" Pressure Treated Wood Blocking To Steel	6.16	2.55
06 11 16 00-0095	LF	2" x 6" Pressure Treated Wood Blocking To Steel	7.36	2.82
06 11 16 00-0096	LF	2" x 8" Pressure Treated Wood Blocking To Steel	8.44	3.09
06 11 16 00-0097	LF	2" x 4" Wood Blocking To Steel	5.54	2.55
06 11 16 00-0098	LF	2" x 6" Wood Blocking To Steel	6.34	2.82
06 11 16 00-0099	LF	2" x 8" Wood Blocking To Steel	7.21	3.09

06 11 16 00-0100 Blocking To Concrete *(06 11 16 00-0081)*

06 11 16 00-0101	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	6.16	2.55
06 11 16 00-0102	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	7.36	2.82
06 11 16 00-0103	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	8.44	3.09
06 11 16 00-0104	LF	2" x 4" Wood Blocking To Concrete	5.54	2.55
06 11 16 00-0105	LF	2" x 6" Wood Blocking To Concrete	6.34	2.82
06 11 16 00-0106	LF	2" x 8" Wood Blocking To Concrete	7.21	3.09

06 11 16 00-0107 Pressure Treated Lattice *(06 11 16 00-0080)*

06 11 16 00-0108	SF	3/4" Thick Pressure Treated Wood Lattice	5.53	1.95

06 11 16 00-0109 Roofing Nailers *(06 11 16)*

06 11 16 00-0110	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	2.79	0.74
06 11 16 00-0111	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.32	0.79
06 11 16 00-0112	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	3.86	0.83

06 11 16 00-0113 Roofing Sleepers *(06 11 16)*

06 11 16 00-0114	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.35	
06 11 16 00-0115	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	3.04	
06 11 16 00-0116	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	3.96	
06 11 16 00-0117	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	5.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0118		Canopy Framing, Bridging, And Furring *(06 11 16)*		
06 11 16 00-0119		Wood And Steel Bridging *(06 11 16 00-0118)*		
06 11 16 00-0120		Wood Bridging *(06 11 16 00-0119)*		
06 11 16 00-0121	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	7.46	3.24
06 11 16 00-0122	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	7.68	3.24
06 11 16 00-0123		Steel Bridging *(06 11 16 00-0119)*		
06 11 16 00-0124	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	8.46	3.24
06 11 16 00-0125	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	8.44	3.24
06 11 16 00-0126		Light Framing, Trim And Furring *(06 11 16 00-0118)*		
06 11 16 00-0127		Pine/Spruce/Fir Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0128	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.64	0.76
06 11 16 00-0129	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	1.84	0.83
06 11 16 00-0130	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.12	0.91
06 11 16 00-0131	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.37	1.01
06 11 16 00-0132	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	2.62	1.11
06 11 16 00-0133	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	2.90	1.23
06 11 16 00-0134	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.38	1.01
06 11 16 00-0135	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.66	1.11
06 11 16 00-0136	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.10	1.23
06 11 16 00-0137	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.63	1.34
06 11 16 00-0138	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	4.26	1.48
06 11 16 00-0139		Cedar Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0140	LF	1" x 1" Cedar Light Framing, Trim And Furring	1.66	0.76
06 11 16 00-0141	LF	1" x 2" Cedar Light Framing, Trim And Furring	1.95	0.83
06 11 16 00-0142	LF	1" x 4" Cedar Light Framing, Trim And Furring	2.54	0.91
06 11 16 00-0143	LF	1" x 6" Cedar Light Framing, Trim And Furring	3.09	1.01
06 11 16 00-0144	LF	1" x 8" Cedar Light Framing, Trim And Furring	4.52	1.11
06 11 16 00-0145	LF	1" x 10" Cedar Light Framing, Trim And Furring	5.32	1.23
06 11 16 00-0146	LF	2" x 2" Cedar Light Framing, Trim And Furring	2.65	1.01
06 11 16 00-0147	LF	2" x 4" Cedar Light Framing, Trim And Furring	3.06	1.11
06 11 16 00-0148		Oak Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0149	LF	1" x 1" Oak Light Framing, Trim And Furring	1.67	0.76
06 11 16 00-0150	LF	1" x 2" Oak Light Framing, Trim And Furring	1.96	0.83
06 11 16 00-0151	LF	1" x 4" Oak Light Framing, Trim And Furring	2.44	0.91
06 11 16 00-0152	LF	1" x 6" Oak Light Framing, Trim And Furring	2.93	1.01
06 11 16 00-0153	LF	1" x 8" Oak Light Framing, Trim And Furring	3.43	1.11
06 11 16 00-0154	LF	1" x 10" Oak Light Framing, Trim And Furring	3.96	1.23
06 11 16 00-0155	LF	2" x 2" Oak Light Framing, Trim And Furring	2.63	1.01
06 11 16 00-0156	LF	2" x 4" Oak Light Framing, Trim And Furring	3.44	1.11
06 11 16 00-0157		Redwood Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0158	LF	1" x 1" Redwood Light Framing, Trim And Furring	1.63	0.76
06 11 16 00-0159	LF	1" x 2" Redwood Light Framing, Trim And Furring	1.88	0.83
06 11 16 00-0160	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.29	0.91
06 11 16 00-0161	LF	1" x 6" Redwood Light Framing, Trim And Furring	2.75	1.01
06 11 16 00-0162	LF	1" x 8" Redwood Light Framing, Trim And Furring	3.24	1.11
06 11 16 00-0163	LF	1" x 10" Redwood Light Framing, Trim And Furring	3.79	1.23
06 11 16 00-0164	LF	2" x 2" Redwood Light Framing, Trim And Furring	2.76	1.01
06 11 16 00-0165	LF	2" x 4" Redwood Light Framing, Trim And Furring	3.26	1.11
06 11 16 00-0166		Poplar Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0167	LF	1" x 1" Poplar Light Framing, Trim And Furring	1.88	0.76
06 11 16 00-0168	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.28	0.83
06 11 16 00-0169	LF	1" x 4" Poplar Light Framing, Trim And Furring	2.86	0.91
06 11 16 00-0170	LF	1" x 6" Poplar Light Framing, Trim And Furring	3.63	1.01
06 11 16 00-0171	LF	1" x 8" Poplar Light Framing, Trim And Furring	4.20	1.11
06 11 16 00-0172	LF	1" x 10" Poplar Light Framing, Trim And Furring	5.51	1.23
06 11 16 00-0173	LF	1" x 12" Poplar Light Framing, Trim And Furring	5.94	1.23
06 11 16 00-0174	LF	2" x 2" Poplar Light Framing, Trim And Furring	4.72	1.01
06 11 16 00-0175	LF	2" x 4" Poplar Light Framing, Trim And Furring	5.28	1.11
06 11 16 00-0176	LF	2" x 6" Poplar Light Framing, Trim And Furring	7.03	1.23
06 11 16 00-0177		Maple Light Framing, Trim And Furring *(06 11 16 00-0126)*		
06 11 16 00-0178	LF	1" x 4" Maple Light Framing, Trim And Furring	3.97	0.91
06 11 16 00-0179	LF	1" x 6" Maple Light Framing, Trim And Furring	5.35	1.01
06 11 16 00-0180	LF	1" x 8" Maple Light Framing, Trim And Furring	6.75	1.11

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0181		**Rafters And Joists** *(06 11 16)*		
06 11 16 00-0182		**Rafters** *(06 11 16 00-0181)*		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0183	LF	2" x 6" Wood Rafter	2.14	1.11
06 11 16 00-0184	LF	2" x 8" Wood Rafter	2.51	1.21
06 11 16 00-0185	LF	2" x 10" Wood Rafter	3.62	1.75
06 11 16 00-0186	LF	2" x 12" Wood Rafter	4.17	1.95
06 11 16 00-0187	LF	2" x 14" Wood Rafter	4.54	2.13
06 11 16 00-0188	LF	2" x 6" Pressure Treated Wood Rafter	2.58	1.11
06 11 16 00-0189	LF	2" x 8" Pressure Treated Wood Rafter	3.12	1.21
06 11 16 00-0190	LF	2" x 10" Pressure Treated Wood Rafter	4.23	1.75
06 11 16 00-0191	LF	2" x 12" Pressure Treated Wood Rafter	5.09	1.95
06 11 16 00-0192		**Joists** *(06 11 16 00-0181)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0193	LF	2" x 6" Wood Floor Joist	1.87	0.92
06 11 16 00-0194	LF	2" x 8" Wood Floor Joist	2.33	1.01
06 11 16 00-0195	LF	2" x 10" Wood Floor Joist	2.97	1.30
06 11 16 00-0196	LF	2" x 12" Wood Floor Joist	3.53	1.48
06 11 16 00-0197	LF	2" x 14" Wood Floor Joist	3.89	1.57
06 11 16 00-0198	LF	2" x 6" Pressure Treated Wood Floor Joist	2.31	0.92
06 11 16 00-0199	LF	2" x 8" Pressure Treated Wood Floor Joist	2.94	1.01
06 11 16 00-0200	LF	2" x 10" Pressure Treated Wood Floor Joist	3.58	1.30
06 11 16 00-0201	LF	2" x 12" Pressure Treated Wood Floor Joist	4.45	1.48
06 11 16 00-0202		**Purlins** *(06 11 16 00-0181)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0203	LF	2" x 4" Wood Purlin	1.51	0.56
06 11 16 00-0204	LF	2" x 6" Wood Purlin	1.89	0.61
06 11 16 00-0205	LF	2" x 8" Wood Purlin	2.28	0.68
06 11 16 00-0206	LF	2" x 10" Wood Purlin	2.79	0.74
06 11 16 00-0207	LF	2" x 4" Pressure Treated Wood Purlin	1.77	0.56
06 11 16 00-0208	LF	2" x 6" Pressure Treated Wood Purlin	2.33	0.61
06 11 16 00-0209	LF	2" x 8" Pressure Treated Wood Purlin	2.89	0.68
06 11 16 00-0210	LF	2" x 10" Pressure Treated Wood Purlin	3.40	0.74
06 11 16 00-0211		**Exposed Rafters Or Joists** *(06 11 16 00-0181)*		
06 11 16 00-0212		**Redwood Rafters Or Joists** *(06 11 16 00-0211)*		
06 11 16 00-0213	LF	2" x 6" Redwood Rafter Or Joist	2.84	0.92
06 11 16 00-0214	LF	2" x 8" Redwood Rafter Or Joist	3.46	1.01
06 11 16 00-0215	LF	2" x 10" Redwood Rafter Or Joist	4.30	1.30
06 11 16 00-0216	LF	2" x 12" Redwood Rafter Or Joist	5.23	1.48
06 11 16 00-0217		**Cedar Rafters Or Joists** *(06 11 16 00-0211)*		
06 11 16 00-0218	LF	2" x 6" Cedar Rafter Or Joist	1.88	0.92
06 11 16 00-0219	LF	2" x 8" Cedar Rafter Or Joist	2.10	1.01
06 11 16 00-0220	LF	2" x 10" Cedar Rafter Or Joist	2.42	1.30
06 11 16 00-0221	LF	2" x 12" Cedar Rafter Or Joist	2.75	1.48
06 11 16 00-0222		**Oak Rafters Or Joists** *(06 11 16 00-0211)*		
06 11 16 00-0223	LF	2" x 6" Oak Rafter Or Joist	2.27	0.92
06 11 16 00-0224	LF	2" x 8" Oak Rafter Or Joist	3.10	1.01
06 11 16 00-0225	LF	2" x 10" Oak Rafter Or Joist	4.02	1.30
06 11 16 00-0226	LF	2" x 12" Oak Rafter Or Joist	4.96	1.48
06 11 16 00-0227		**Framing** *(06 11 16)*		
06 11 16 00-0228		**Partition Framing** *(06 11 16 00-0227)*		
06 11 16 00-0229	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.46	0.74
06 11 16 00-0230	LF	2" x 6" Wood Stud Framing, For Partition Walls	1.77	0.79
06 11 16 00-0231	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.10	0.83
06 11 16 00-0232	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	1.72	0.74
06 11 16 00-0233	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.21	0.79
06 11 16 00-0234	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	2.71	0.83
06 11 16 00-0235		**Wall Framing Assemblies By The SF** *(06 11 16 00-0227)*		
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0236		**Wall Framing By The SF, 12" On Center** *(06 11 16 00-0235)*		
06 11 16 00-0237	SF	2" x 4" Wood Wall Framing At 12" On Center	1.89	0.89
		For Up To 200, Add	*0.64*	
		For >200 To 500, Add	*0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0238	SF	2" x 6" Wood Wall Framing At 12" On Center	2.54	1.15
		For Up To 200, Add	*0.85*	
		For >200 To 500, Add	*0.42*	
06 11 16 00-0239	SF	2" x 8" Wood Wall Framing At 12" On Center	3.40	1.53
		For Up To 200, Add	*1.13*	
		For >200 To 500, Add	*0.57*	

06 11 16 00-0240 Wall Framing By The SF, 16" On Center *(06 11 16 00-0235)*

06 11 16 00-0241	SF	2" x 4" Wood Wall Framing At 16" On Center	1.53	0.72
		For Up To 200, Add	*0.52*	
		For >200 To 500, Add	*0.26*	
06 11 16 00-0242	SF	2" x 6" Wood Wall Framing At 16" On Center	2.12	0.95
		For Up To 200, Add	*0.71*	
		For >200 To 500, Add	*0.35*	
06 11 16 00-0243	SF	2" x 8" Wood Wall Framing At 16" On Center	2.83	1.28
		For Up To 200, Add	*0.94*	
		For >200 To 500, Add	*0.47*	

06 11 16 00-0244 Wall Framing By The SF, 24" On Center *(06 11 16 00-0235)*

06 11 16 00-0245	SF	2" x 4" Wood Wall Framing At 24" On Center	1.21	0.57
		For Up To 200, Add	*0.41*	
		For >200 To 500, Add	*0.21*	
06 11 16 00-0246	SF	2" x 6" Wood Wall Framing At 24" On Center	1.65	0.74
		For Up To 200, Add	*0.55*	
		For >200 To 500, Add	*0.27*	
06 11 16 00-0247	SF	2" x 8" Wood Wall Framing At 24" On Center	2.22	0.99
		For Up To 200, Add	*0.74*	
		For >200 To 500, Add	*0.37*	

06 11 16 00-0248 Platform Edging *(06 11 16)*

Note: Includes bolting to concrete surface.

06 11 16 00-0249	LF	1" Wood Platform Edging, Including Bolts	15.61	5.62
06 11 16 00-0250	LF	2" Wood Platform Edging, Including Bolts	21.86	6.55

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*

Note: Excludes fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	4.49	1.64
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	5.25	1.71
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	5.98	1.78
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	7.46	1.90
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	8.69	2.02
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	6.39	1.85
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	7.46	1.95
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	9.68	2.08
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	11.26	2.13
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	8.86	2.02
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	11.52	2.08
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	13.67	2.13
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	13.53	2.13
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	16.30	2.31
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	19.10	2.54

06 13 23 00-0019 Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	4.61	1.64
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	5.43	1.71
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	6.23	1.78
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	7.83	1.90
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	9.15	2.02
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	6.66	1.85
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	7.82	1.95
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	10.23	2.08
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	11.97	2.13
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	9.34	2.02
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	12.25	2.08
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	14.61	2.13
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	14.44	2.13
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	17.45	2.31
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	20.49	2.54

06 13 23 00-0035 Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	4.44	1.64
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	5.27	1.71
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	5.98	1.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	7.47	1.90
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	8.69	2.02
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	6.39	1.85
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	6.72	1.95
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	9.37	2.08
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	11.08	2.13
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	11.06	2.02
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	12.61	2.08
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	14.58	2.13
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	14.63	2.13
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	18.83	2.31
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	22.14	2.54
06 13 23 00-0051		Heavy Timber Columns *(06 13 23 00-0001)*		
06 13 23 00-0052		Pine, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	2.94	0.86
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	3.64	0.91
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	4.29	0.93
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	5.67	1.00
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	6.79	1.06
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	4.66	0.96
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	5.65	1.00
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	7.70	1.09
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	9.24	1.12
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	6.96	1.06
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	9.54	1.09
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	11.61	1.15
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	11.47	1.15
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	14.11	1.22
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	16.69	1.34
06 13 23 00-0068		Douglas Fir, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	3.06	0.86
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	3.82	0.91
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	4.54	0.93
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	6.04	1.00
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	7.25	1.06
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	4.93	0.96
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	6.01	1.00
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	8.25	1.09
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	9.95	1.12
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	7.44	1.06
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	10.27	1.09
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	12.55	1.15
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	12.38	1.15
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	15.26	1.22
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	18.08	1.34
06 13 23 00-0084		Pressure Treated, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	2.89	0.86
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	3.66	0.91
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	4.29	0.93
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	5.68	1.00
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	6.79	1.06
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	4.66	0.96
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	4.91	1.00
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	7.39	1.09
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	9.06	1.12
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	9.16	1.06
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	10.63	1.09
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	12.52	1.15
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	12.57	1.15
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	16.64	1.22
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	19.73	1.34

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, posts (8' O.C.), pickets and railing.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.70	5.82
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.88	5.53
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	34.07	5.97
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.29	5.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.91	5.97
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.06	5.67
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	35.30	6.13
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	34.51	5.81
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.70	5.82
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	31.88	5.53
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	34.07	5.97
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.29	5.68
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.78	5.82
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.11	5.65
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.94	5.97
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.93	5.68
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.75	5.97
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.04	5.67
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.09	6.13
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.10	5.81
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.02	5.82
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.35	5.53
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.25	5.97
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.23	5.68
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	34.38	5.82
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.65	5.53
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.36	5.97
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.33	5.68
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	37.07	5.97
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	36.31	5.67
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.23	6.13
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.76	5.81
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.43	5.82
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	34.75	5.53
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.54	5.97
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.04	5.68
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.81	5.82
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.04	5.53
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	35.28	5.97
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	34.55	5.68
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	35.11	5.97
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	34.80	5.67
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	36.59	6.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	35.93	5.81
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	34.51	5.82
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.74	5.53
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	36.00	5.97
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	35.27	5.68
06 15 13 00-0066		Wood Stair Systems *(06 15 13)* Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
06 15 13 00-0067		Pressure Treated Wood Stair System *(06 15 13 00-0066)*		
06 15 13 00-0068		2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*		
06 15 13 00-0069	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	105.57	13.97
06 15 13 00-0070	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	104.00	13.27
06 15 13 00-0071	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	109.05	14.34
06 15 13 00-0072	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	106.80	13.62
06 15 13 00-0073	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	110.85	14.68
06 15 13 00-0074	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	109.21	13.94
06 15 13 00-0075	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	114.51	15.05
06 15 13 00-0076	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	112.14	14.31
06 15 13 00-0077	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	116.22	15.41
06 15 13 00-0078	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	114.48	14.64
06 15 13 00-0079	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.04	15.81
06 15 13 00-0080	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	117.56	15.01
06 15 13 00-0081	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.92	16.18
06 15 13 00-0082	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	122.18	15.37
06 15 13 00-0083	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	128.01	16.60
06 15 13 00-0084	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	125.47	15.76
06 15 13 00-0085		2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	107.69	14.33
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	105.49	13.61
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	111.40	14.69
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	109.17	13.96
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	113.09	15.05
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	110.77	14.30
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	116.97	15.42
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	114.63	14.65
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	118.56	15.80
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	116.13	15.00
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.64	16.20
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	120.17	15.39
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.40	16.59
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.90	15.76
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.75	17.00
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.24	16.16
06 15 13 00-0102		Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0066)*		
06 15 13 00-0103		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0102)*		
06 15 13 00-0104	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	122.71	13.97
06 15 13 00-0105	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.98	13.27
06 15 13 00-0106	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.27	14.34
06 15 13 00-0107	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	125.55	13.62
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	128.85	14.68
06 15 13 00-0109	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.04	13.94
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.63	15.05
06 15 13 00-0111	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.83	14.31
06 15 13 00-0112	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	135.03	15.41
06 15 13 00-0113	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.12	14.64
06 15 13 00-0114	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.03	15.81
06 15 13 00-0115	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.13	15.01
06 15 13 00-0116	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.61	16.18
06 15 13 00-0117	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.69	15.37
06 15 13 00-0118	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.99	16.60
06 15 13 00-0119	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.10	15.76
06 15 13 00-0120		2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0102)*		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	119.78	14.33
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	118.01	13.61
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.99	14.69
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.35	13.96
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	125.78	15.05
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.92	14.30
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.19	15.42
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.46	14.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	131.83	15.80
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	129.86	15.00
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.44	16.20
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	134.63	15.39
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.99	16.59
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.01	15.76
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.94	17.00
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.14	16.16

06 15 13 00-0137 Wood Deck And Ramp Systems Repairs *(06 15 13)*

Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0138 Deck Joist Or Girt *(06 15 13 00-0137)*

See CSI section 06 11 16 00-0192 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0139 Deck Boards *(06 15 13 00-0137)*

See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0140	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	1.79	0.71
06 15 13 00-0141	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	1.99	0.84
06 15 13 00-0142	LF	2" x 4" Round Edge Pressure Treated Deck Boards	1.95	0.84
06 15 13 00-0143	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.57	0.97
06 15 13 00-0144	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.29	1.17
06 15 13 00-0145	LF	2" x 10" Round Edge Pressure Treated Deck Boards	4.04	1.43
06 15 13 00-0146	LF	2" x 12" Round Edge Pressure Treated Deck Boards	4.98	1.68
06 15 13 00-0147	LF	2" x 4" Round Edge Cedar Deck Boards	2.13	0.84
06 15 13 00-0148	LF	2" x 6" Round Edge Cedar Deck Boards	2.73	0.97
06 15 13 00-0149	LF	2" x 4" Round Edge Redwood Deck Boards	2.33	0.84
06 15 13 00-0150	LF	2" x 6" Round Edge Redwood Deck Boards	3.03	0.97

06 15 13 00-0151 Deck Posts *(06 15 13 00-0137)*

See CSI section 06 11 16 00-0036 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0152 Deck Railing And Pickets *(06 15 13 00-0137)*

See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0153	LF	2" x 4" Pressure Treated Deck Railing	1.95	0.84
06 15 13 00-0154	LF	2" x 2" Pressure Treated Deck Railing Picket	1.32	0.65
06 15 13 00-0155	LF	2" x 4" Cedar Deck Railing	2.13	0.84
06 15 13 00-0156	LF	2" x 2" Cedar Deck Railing Picket	1.59	0.65
06 15 13 00-0157	LF	2" x 4" Redwood Deck Railing	2.33	0.84
06 15 13 00-0158	LF	2" x 2" Redwood Deck Railing Picket	1.74	0.65

06 15 13 00-0159 Wood Ramp Systems *(06 15 13)*

Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.

06 15 13 00-0160 Pressure Treated Wood Ramp System *(06 15 13 00-0159)*

06 15 13 00-0161 2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0160)*

06 15 13 00-0162	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.36	5.68
06 15 13 00-0163	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	36.27	5.39
06 15 13 00-0164	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.82	5.82
06 15 13 00-0165	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.75	5.53

06 15 13 00-0166 2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0160)*

06 15 13 00-0167	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	38.64	5.82
06 15 13 00-0168	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.53	5.53
06 15 13 00-0169	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.16	5.97
06 15 13 00-0170	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.08	5.68

06 15 13 00-0171 2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0160)*

06 15 13 00-0172	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	39.98	5.96
06 15 13 00-0173	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	38.86	5.67
06 15 13 00-0174	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.55	6.13
06 15 13 00-0175	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.45	5.81

06 15 13 00-0176 Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0159)*

06 15 13 00-0177 2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0176)*

06 15 13 00-0178	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	40.26	5.68
06 15 13 00-0179	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.31	5.39
06 15 13 00-0180	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.46	5.82
06 15 13 00-0181	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.17	5.53

06 15 13 00-0182 2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0176)*

06 15 13 00-0183	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	41.72	5.82
06 15 13 00-0184	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.76	5.53
06 15 13 00-0185	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.03	5.97
06 15 13 00-0186	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.72	5.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0187		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0176)*		
06 15 13 00-0188	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	44.84	5.96
06 15 13 00-0189	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	43.84	5.67
06 15 13 00-0190	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.35	6.13
06 15 13 00-0191	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.68	5.81
06 15 13 00-0192		Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0159)*		
06 15 13 00-0193		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0194	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.39	5.68
06 15 13 00-0195	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.34	5.39
06 15 13 00-0196	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	39.94	5.82
06 15 13 00-0197	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.91	5.53
06 15 13 00-0198		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0199	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	39.73	5.82
06 15 13 00-0200	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	38.67	5.53
06 15 13 00-0201	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	41.35	5.97
06 15 13 00-0202	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.32	5.68
06 15 13 00-0203		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0204	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.17	5.96
06 15 13 00-0205	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.07	5.67
06 15 13 00-0206	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	42.82	6.13
06 15 13 00-0207	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.77	5.81

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		Board Type Subflooring *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	2.70	0.74
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.10*	
		For Tongue And Groove, Add	*0.07*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	3.01	0.92
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.07*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	2.60	0.65
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.08*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	2.81	0.74
		For Water Resistant Coating Or Treatment, Add	*0.06*	
		For Foil Backing, Add	*0.11*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001		Plywood *(06 16 33)*		
06 16 33 00-0002		Roof Decking *(06 16 33 00-0001)*		
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.59	0.47
		For Shear Wall Construction, Add	*0.22*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.22*	
		For ACQ Preservative Treatment, Add	*0.24*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.62*	
		For Fire Retardant Treatment, Add	*0.40*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	1.81	0.56
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.24*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.24*	
		For ACQ Preservative Treatment, Add	*0.30*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.79*	
		For Fire Retardant Treatment, Add	*0.49*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.06	0.56
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.26*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.26*	
		For ACQ Preservative Treatment, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.92*	
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.28	0.65
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For ACQ Preservative Treatment, Add	*0.43*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.71*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	2.72	0.74
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.30*	
		For Exterior CC Grade Plywood, Add	*0.18*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.30*	
		For ACQ Preservative Treatment, Add	*0.58*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.27*	
		For Fire Retardant Treatment, Add	*0.96*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.22*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 00-0008 Wall Sheathing *(06 16 33 00-0001)*

06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing	1.89	0.65
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.40*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing	1.91	0.65
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.42*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing	1.96	0.74
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For Ceiling Installation, Add	*0.14*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.07*	
		For Fire Retardant Treatment, Add	*0.46*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.20	0.74
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.46	0.83
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.13*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.37*	
		For Fire Retardant Treatment, Add	*0.70*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.18*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.72	0.92
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.15*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.57*	
		For Fire Retardant Treatment, Add	*0.80*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.43	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.56*	
		For Fire Retardant Treatment, Add	*0.31*	
		For >1,696 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For ACQ Preservative Treatment, Add	*0.19*	
		For Fir Plywood, Add	*0.07*	
		For BC Grade Plywood, Add	*0.06*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.31*	
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.51	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.64*	
		For Fire Retardant Treatment, Add	*0.33*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For ACQ Preservative Treatment, Add	*0.20*	
		For Fir Plywood, Add	*0.08*	
		For BC Grade Plywood, Add	*0.06*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.33*	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.72	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.74*	
		For Fire Retardant Treatment, Add	*0.44*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.27*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.44*	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.93	0.56
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.89*	
		For Fire Retardant Treatment, Add	*0.53*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.14*	
		For ACQ Preservative Treatment, Add	*0.32*	
		For Fir Plywood, Add	*0.12*	
		For BC Grade Plywood, Add	*0.10*	
		For Exterior Glue, Add	*0.06*	
		For Marine Grade, Add	*0.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking	2.19	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.00*	
		For Fire Retardant Treatment, Add	*0.68*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For ACQ Preservative Treatment, Add	*0.41*	
		For Fir Plywood, Add	*0.16*	
		For BC Grade Plywood, Add	*0.13*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.67*	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking	3.22	0.83
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.39*	
		For Fire Retardant Treatment, Add	*1.29*	
		For >1,696 To 3,200, Deduct	*-0.10*	
		For >3,200 To 6,400, Deduct	*-0.15*	
		For >6,400 To 12,800, Deduct	*-0.22*	
		For >12,800, Deduct	*-0.28*	
		For ACQ Preservative Treatment, Add	*0.78*	
		For Fir Plywood, Add	*0.30*	
		For BC Grade Plywood, Add	*0.24*	
		For Exterior Glue, Add	*0.15*	
		For Marine Grade, Add	*1.28*	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking	2.06	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.74*	
		For Fire Retardant Treatment, Add	*0.71*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For ACQ Preservative Treatment, Add	*0.43*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.70*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking	2.31	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.89*	
		For Fire Retardant Treatment, Add	*0.83*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.19*	
		For ACQ Preservative Treatment, Add	*0.50*	
		For Exterior Glue, Add	*0.10*	
		For Marine Grade, Add	*0.82*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking	2.47	0.56
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.01*	
		For Fire Retardant Treatment, Add	*0.89*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.20*	
		For ACQ Preservative Treatment, Add	*0.54*	
		For Exterior Glue, Add	*0.11*	
		For Marine Grade, Add	*0.88*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 00-0025 Underlayment Grade Subfloor *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade Subfloor	1.52	0.56
		For Fire Retardant Treatment, Add	*0.36*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade Subfloor	1.63	0.56
		For Fire Retardant Treatment, Add	*0.40*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.12*	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade Subfloor	1.69	0.65
		For Fire Retardant Treatment, Add	*0.43*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade Subfloor	1.92	0.65
		For Fire Retardant Treatment, Add	*0.51*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade Subfloor	2.06	0.65
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade Subfloor	2.61	0.74
		For Fire Retardant Treatment, Add	*0.93*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0032	SF	3/8" Thick Plywood CDX Grade Subfloor	1.74	0.56
		For Fire Retardant Treatment, Add	*0.48*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0033	SF	5/8" Thick Plywood CDX Grade Subfloor	2.18	0.65
		For Fire Retardant Treatment, Add	*0.73*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.17*	

06 16 33 00-0034 Oriented Strand Board *(06 16 33)*

06 16 33 00-0035 On Roof *(06 16 33 00-0034)*

06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board On Roof	1.44	0.56
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.64*	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board On Roof	1.60	0.56
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.79*	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board On Roof	1.87	0.65
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.92*	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board On Roof	2.17	0.65
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.07*	

06 16 33 00-0040 On Walls *(06 16 33 00-0034)*

06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board On Walls	1.73	0.65
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.07*	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board On Walls	1.88	0.74
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.21*	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board On Walls	2.17	0.83
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.37*	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board On Walls	2.50	0.83
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.57*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0045		On Floors *(06 16 33 00-0034)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board On Floors	1.46	0.56
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.28*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.67*	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board On Floors	1.75	0.65
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.01*	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board On Floors	2.04	0.74
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.18*	
06 16 33 00-0049	SF	3/4" Thick Structural Oriented Strand Board On Floors	2.37	0.83
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.62*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.37*	
06 16 33 00-0050		Particle Board *(06 16 33)*		
06 16 33 00-0051		Particle Board Floor Decking *(06 16 33 00-0050)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF	3/8" Particle Board Floor Decking	1.59	0.47
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.40*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0053	SF	1/2" Particle Board Floor Decking	1.84	0.47
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.54*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0054	SF	5/8" Particle Board Floor Decking	2.08	0.56
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.68*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.16*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0055	SF	3/4" Particle Board Floor Decking	2.30	0.56
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.80*	
		For >1,536 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Tongue And Groove, Add	*0.07*	
06 16 43		**Gypsum Sheathing** ***(06 16)***		
06 16 43 00-0001		Exterior Gypsum Sheathing *(06 16 43)*		
		Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.40	0.74
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For Ceiling Installation, Add	*0.15*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.59	0.92
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For Ceiling Installation, Add	*0.16*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.37*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	6.08	1.60
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	6.64	1.62
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	7.29	1.65
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	8.11	1.68
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	8.75	1.70
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	9.61	1.76
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	10.85	1.79
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	14.77	2.04

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.10	0.74
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	2.80	0.79

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	3.65	0.98
		For I-Joists 30' To 40' In Length, Add	*0.43*	
		For I-Joists >40' In Length, Add	*1.05*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	3.93	1.09
		For I-Joists 30' To 40' In Length, Add	*0.48*	
		For I-Joists >40' In Length, Add	*1.17*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.61	1.22
		For I-Joists 30' To 40' In Length, Add	*0.54*	
		For I-Joists >40' In Length, Add	*1.32*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.17	1.36
		For I-Joists 30' To 40' In Length, Add	*0.60*	
		For I-Joists >40' In Length, Add	*1.46*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	5.01	1.65
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	5.44	1.68
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	5.98	1.70

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	145.42	57.07
		For Up To 15, Add	*2.35*	
		For >35, Deduct	*-1.56*	
		For 3 In 12 Slope, Add	*0.94*	
		For 5 In 12 Slope, Add	*2.50*	
		For 6 In 12 Slope, Add	*4.69*	
		For 7 In 12 Slope, Add	*6.26*	
		For 8 In 12 Slope, Add	*7.51*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	161.54	62.51
		For Up To 15, Add	*2.74*	
		For >35, Deduct	*-1.83*	
		For 3 In 12 Slope, Add	*1.10*	
		For 5 In 12 Slope, Add	*2.92*	
		For 6 In 12 Slope, Add	*5.48*	
		For 7 In 12 Slope, Add	*7.31*	
		For 8 In 12 Slope, Add	*8.77*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	179.83	67.94
		For Up To 15, Add	*3.30*	
		For >35, Deduct	*-2.20*	
		For 3 In 12 Slope, Add	*1.32*	
		For 5 In 12 Slope, Add	*3.52*	
		For 6 In 12 Slope, Add	*6.59*	
		For 7 In 12 Slope, Add	*8.79*	
		For 8 In 12 Slope, Add	*10.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	203.87	73.37
		For Up To 15, Add	*4.28*	
		For >35, Deduct	*-2.86*	
		For 3 In 12 Slope, Add	*1.71*	
		For 5 In 12 Slope, Add	*4.57*	
		For 6 In 12 Slope, Add	*8.57*	
		For 7 In 12 Slope, Add	*11.42*	
		For 8 In 12 Slope, Add	*13.71*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	224.60	78.81
		For Up To 15, Add	*5.02*	
		For >35, Deduct	*-3.35*	
		For 3 In 12 Slope, Add	*2.01*	
		For 5 In 12 Slope, Add	*5.36*	
		For 6 In 12 Slope, Add	*10.05*	
		For 7 In 12 Slope, Add	*13.40*	
		For 8 In 12 Slope, Add	*16.08*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	236.46	86.96
		For Up To 15, Add	*4.69*	
		For >35, Deduct	*-3.13*	
		For 3 In 12 Slope, Add	*1.88*	
		For 5 In 12 Slope, Add	*5.00*	
		For 6 In 12 Slope, Add	*9.38*	
		For 7 In 12 Slope, Add	*12.51*	
		For 8 In 12 Slope, Add	*15.01*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	249.17	138.59
		For Up To 15, Add	*4.83*	
		For >35, Deduct	*-3.22*	
		For 3 In 12 Slope, Add	*1.93*	
		For 5 In 12 Slope, Add	*5.15*	
		For 6 In 12 Slope, Add	*9.66*	
		For 7 In 12 Slope, Add	*12.87*	
		For 8 In 12 Slope, Add	*15.45*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	265.50	97.84
		For Up To 15, Add	*5.24*	
		For >35, Deduct	*-3.49*	
		For 3 In 12 Slope, Add	*2.09*	
		For 5 In 12 Slope, Add	*5.59*	
		For 6 In 12 Slope, Add	*10.47*	
		For 7 In 12 Slope, Add	*13.97*	
		For 8 In 12 Slope, Add	*16.76*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	282.42	154.91
		For Up To 15, Add	*5.69*	
		For >35, Deduct	*-3.79*	
		For 3 In 12 Slope, Add	*2.28*	
		For 5 In 12 Slope, Add	*6.07*	
		For 6 In 12 Slope, Add	*11.38*	
		For 7 In 12 Slope, Add	*15.18*	
		For 8 In 12 Slope, Add	*18.21*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	300.12	108.70
		For Up To 15, Add	*6.20*	
		For >35, Deduct	*-4.14*	
		For 3 In 12 Slope, Add	*2.48*	
		For 5 In 12 Slope, Add	*6.62*	
		For 6 In 12 Slope, Add	*12.41*	
		For 7 In 12 Slope, Add	*16.54*	
		For 8 In 12 Slope, Add	*19.85*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	313.62	171.21
		For Up To 15, Add	*6.40*	
		For >35, Deduct	*-4.27*	
		For 3 In 12 Slope, Add	*2.56*	
		For 5 In 12 Slope, Add	*6.83*	
		For 6 In 12 Slope, Add	*12.80*	
		For 7 In 12 Slope, Add	*17.07*	
		For 8 In 12 Slope, Add	*20.48*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	327.58	116.85
		For Up To 15, Add	*7.04*	
		For >35, Deduct	*-4.69*	
		For 3 In 12 Slope, Add	*2.82*	
		For 5 In 12 Slope, Add	*7.51*	
		For 6 In 12 Slope, Add	*14.08*	
		For 7 In 12 Slope, Add	*18.77*	
		For 8 In 12 Slope, Add	*22.53*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	357.13	183.49
		For Up To 15, Add	*8.44*	
		For >35, Deduct	*-5.63*	
		For 3 In 12 Slope, Add	*3.38*	
		For 5 In 12 Slope, Add	*9.00*	
		For 6 In 12 Slope, Add	*16.88*	
		For 7 In 12 Slope, Add	*22.51*	
		For 8 In 12 Slope, Add	*27.01*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	371.43	125.01
		For Up To 15, Add	*9.11*	
		For >35, Deduct	*-6.07*	
		For 3 In 12 Slope, Add	*3.64*	
		For 5 In 12 Slope, Add	*9.71*	
		For 6 In 12 Slope, Add	*18.21*	
		For 7 In 12 Slope, Add	*24.28*	
		For 8 In 12 Slope, Add	*29.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	390.59	195.67
		For Up To 15, Add	*9.73*	
		For >35, Deduct	*-6.49*	
		For 3 In 12 Slope, Add	*3.89*	
		For 5 In 12 Slope, Add	*10.38*	
		For 6 In 12 Slope, Add	*19.46*	
		For 7 In 12 Slope, Add	*25.94*	
		For 8 In 12 Slope, Add	*31.13*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	404.24	135.88
		For Up To 15, Add	*9.94*	
		For >35, Deduct	*-6.62*	
		For 3 In 12 Slope, Add	*3.97*	
		For 5 In 12 Slope, Add	*10.60*	
		For 6 In 12 Slope, Add	*19.87*	
		For 7 In 12 Slope, Add	*26.50*	
		For 8 In 12 Slope, Add	*31.80*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	443.12	211.98
		For Up To 15, Add	*12.04*	
		For >35, Deduct	*-8.02*	
		For 3 In 12 Slope, Add	*4.81*	
		For 5 In 12 Slope, Add	*12.84*	
		For 6 In 12 Slope, Add	*24.07*	
		For 7 In 12 Slope, Add	*32.10*	
		For 8 In 12 Slope, Add	*38.52*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	481.24	146.75
		For Up To 15, Add	*14.08*	
		For >35, Deduct	*-9.39*	
		For 3 In 12 Slope, Add	*5.63*	
		For 5 In 12 Slope, Add	*15.02*	
		For 6 In 12 Slope, Add	*28.16*	
		For 7 In 12 Slope, Add	*37.55*	
		For 8 In 12 Slope, Add	*45.06*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	498.17	152.18
		For Up To 15, Add	*14.53*	
		For >35, Deduct	*-9.69*	
		For 3 In 12 Slope, Add	*5.81*	
		For 5 In 12 Slope, Add	*15.50*	
		For 6 In 12 Slope, Add	*29.07*	
		For 7 In 12 Slope, Add	*38.76*	
		For 8 In 12 Slope, Add	*46.51*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	522.39	157.62
		For Up To 15, Add	*15.54*	
		For >35, Deduct	*-10.36*	
		For 3 In 12 Slope, Add	*6.21*	
		For 5 In 12 Slope, Add	*16.57*	
		For 6 In 12 Slope, Add	*31.07*	
		For 7 In 12 Slope, Add	*41.43*	
		For 8 In 12 Slope, Add	*49.72*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	591.28	163.06
		For Up To 15, Add	*19.89*	
		For >35, Deduct	*-13.26*	
		For 3 In 12 Slope, Add	*7.95*	
		For 5 In 12 Slope, Add	*21.21*	
		For 6 In 12 Slope, Add	*39.77*	
		For 7 In 12 Slope, Add	*53.03*	
		For 8 In 12 Slope, Add	*63.64*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	563.28	146.64
		For Up To 15, Add	*17.79*	
		For >35, Deduct	*-11.86*	
		For 3 In 12 Slope, Add	*7.11*	
		For 5 In 12 Slope, Add	*18.97*	
		For 6 In 12 Slope, Add	*35.57*	
		For 7 In 12 Slope, Add	*47.43*	
		For 8 In 12 Slope, Add	*56.92*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	591.03	171.21
		For Up To 15, Add	*18.65*	
		For >35, Deduct	*-12.43*	
		For 3 In 12 Slope, Add	*7.46*	
		For 5 In 12 Slope, Add	*19.89*	
		For 6 In 12 Slope, Add	*37.29*	
		For 7 In 12 Slope, Add	*49.72*	
		For 8 In 12 Slope, Add	*59.67*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	614.12	158.71
		For Up To 15, Add	*19.56*	
		For >35, Deduct	*-13.04*	
		For 3 In 12 Slope, Add	*7.82*	
		For 5 In 12 Slope, Add	*20.87*	
		For 6 In 12 Slope, Add	*39.12*	
		For 7 In 12 Slope, Add	*52.17*	
		For 8 In 12 Slope, Add	*62.60*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	634.04	179.36
		For Up To 15, Add	*20.65*	
		For >35, Deduct	*-13.77*	
		For 3 In 12 Slope, Add	*8.26*	
		For 5 In 12 Slope, Add	*22.03*	
		For 6 In 12 Slope, Add	*41.30*	
		For 7 In 12 Slope, Add	*55.06*	
		For 8 In 12 Slope, Add	*66.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	646.93	182.08
		For Up To 15, Add	*21.21*	
		For >35, Deduct	*-14.14*	
		For 3 In 12 Slope, Add	*8.48*	
		For 5 In 12 Slope, Add	*22.62*	
		For 6 In 12 Slope, Add	*42.42*	
		For 7 In 12 Slope, Add	*56.55*	
		For 8 In 12 Slope, Add	*67.86*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	149.39	57.07
		For 3 In 12 Slope, Add	*1.06*	
		For 5 In 12 Slope, Add	*2.82*	
		For 6 In 12 Slope, Add	*5.29*	
		For 7 In 12 Slope, Add	*7.05*	
		For 8 In 12 Slope, Add	*8.46*	
		For 16" On Center Gable Studs, Add	*7.05*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	166.18	62.51
		For 3 In 12 Slope, Add	*1.24*	
		For 5 In 12 Slope, Add	*3.29*	
		For 6 In 12 Slope, Add	*6.18*	
		For 7 In 12 Slope, Add	*8.23*	
		For 8 In 12 Slope, Add	*9.88*	
		For 16" On Center Gable Studs, Add	*8.23*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	185.43	67.94
		For 3 In 12 Slope, Add	*1.49*	
		For 5 In 12 Slope, Add	*3.96*	
		For 6 In 12 Slope, Add	*7.43*	
		For 7 In 12 Slope, Add	*9.91*	
		For 8 In 12 Slope, Add	*11.89*	
		For 16" On Center Gable Studs, Add	*9.91*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	211.13	73.37
		For 3 In 12 Slope, Add	*1.93*	
		For 5 In 12 Slope, Add	*5.15*	
		For 6 In 12 Slope, Add	*9.66*	
		For 7 In 12 Slope, Add	*12.88*	
		For 8 In 12 Slope, Add	*15.45*	
		For 16" On Center Gable Studs, Add	*12.88*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	233.12	78.81
		For 3 In 12 Slope, Add	*2.27*	
		For 5 In 12 Slope, Add	*6.04*	
		For 6 In 12 Slope, Add	*11.33*	
		For 7 In 12 Slope, Add	*15.10*	
		For 8 In 12 Slope, Add	*18.12*	
		For 16" On Center Gable Studs, Add	*15.10*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	253.36	86.96
		For 3 In 12 Slope, Add	*2.38*	
		For 5 In 12 Slope, Add	*6.36*	
		For 6 In 12 Slope, Add	*11.92*	
		For 7 In 12 Slope, Add	*15.89*	
		For 8 In 12 Slope, Add	*19.07*	
		For 16" On Center Gable Studs, Add	*15.89*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	266.56	92.40
		For 3 In 12 Slope, Add	*2.45*	
		For 5 In 12 Slope, Add	*6.54*	
		For 6 In 12 Slope, Add	*12.26*	
		For 7 In 12 Slope, Add	*16.35*	
		For 8 In 12 Slope, Add	*19.62*	
		For 16" On Center Gable Studs, Add	*16.35*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	284.36	97.84
		For 3 In 12 Slope, Add	*2.66*	
		For 5 In 12 Slope, Add	*7.10*	
		For 6 In 12 Slope, Add	*13.30*	
		For 7 In 12 Slope, Add	*17.74*	
		For 8 In 12 Slope, Add	*21.29*	
		For 16" On Center Gable Studs, Add	*17.74*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	302.90	103.27
		For 3 In 12 Slope, Add	*2.89*	
		For 5 In 12 Slope, Add	*7.71*	
		For 6 In 12 Slope, Add	*14.45*	
		For 7 In 12 Slope, Add	*19.27*	
		For 8 In 12 Slope, Add	*23.13*	
		For 16" On Center Gable Studs, Add	*19.27*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	322.47	108.70
		For 3 In 12 Slope, Add	*3.15*	
		For 5 In 12 Slope, Add	*8.40*	
		For 6 In 12 Slope, Add	*15.76*	
		For 7 In 12 Slope, Add	*21.01*	
		For 8 In 12 Slope, Add	*25.21*	
		For 16" On Center Gable Studs, Add	*21.01*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	337.59	114.14
		For 3 In 12 Slope, Add	*3.28*	
		For 5 In 12 Slope, Add	*8.74*	
		For 6 In 12 Slope, Add	*16.40*	
		For 7 In 12 Slope, Add	*21.86*	
		For 8 In 12 Slope, Add	*26.23*	
		For 16" On Center Gable Studs, Add	*21.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	353.96	116.85
		For 3 In 12 Slope, Add	*3.61*	
		For 5 In 12 Slope, Add	*9.62*	
		For 6 In 12 Slope, Add	*18.04*	
		For 7 In 12 Slope, Add	*24.05*	
		For 8 In 12 Slope, Add	*28.86*	
		For 16" On Center Gable Studs, Add	*24.05*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	388.75	122.29
		For 3 In 12 Slope, Add	*4.33*	
		For 5 In 12 Slope, Add	*11.53*	
		For 6 In 12 Slope, Add	*21.63*	
		For 7 In 12 Slope, Add	*28.83*	
		For 8 In 12 Slope, Add	*34.60*	
		For 16" On Center Gable Studs, Add	*28.83*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	405.55	125.01
		For 3 In 12 Slope, Add	*4.67*	
		For 5 In 12 Slope, Add	*12.44*	
		For 6 In 12 Slope, Add	*23.33*	
		For 7 In 12 Slope, Add	*31.11*	
		For 8 In 12 Slope, Add	*37.33*	
		For 16" On Center Gable Studs, Add	*31.11*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	427.03	130.44
		For 3 In 12 Slope, Add	*4.98*	
		For 5 In 12 Slope, Add	*13.29*	
		For 6 In 12 Slope, Add	*24.92*	
		For 7 In 12 Slope, Add	*33.23*	
		For 8 In 12 Slope, Add	*39.87*	
		For 16" On Center Gable Studs, Add	*33.23*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	452.15	135.88
		For 3 In 12 Slope, Add	*5.41*	
		For 5 In 12 Slope, Add	*14.43*	
		For 6 In 12 Slope, Add	*27.06*	
		For 7 In 12 Slope, Add	*36.08*	
		For 8 In 12 Slope, Add	*43.29*	
		For 16" On Center Gable Studs, Add	*36.08*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	501.17	141.32
		For 3 In 12 Slope, Add	*6.56*	
		For 5 In 12 Slope, Add	*17.48*	
		For 6 In 12 Slope, Add	*32.78*	
		For 7 In 12 Slope, Add	*43.71*	
		For 8 In 12 Slope, Add	*52.45*	
		For 16" On Center Gable Studs, Add	*43.71*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	549.15	146.75
		For 3 In 12 Slope, Add	*7.67*	
		For 5 In 12 Slope, Add	*20.45*	
		For 6 In 12 Slope, Add	*38.35*	
		For 7 In 12 Slope, Add	*51.13*	
		For 8 In 12 Slope, Add	*61.36*	
		For 16" On Center Gable Studs, Add	*51.13*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	568.26	152.18
		For 3 In 12 Slope, Add	*7.92*	
		For 5 In 12 Slope, Add	*21.11*	
		For 6 In 12 Slope, Add	*39.58*	
		For 7 In 12 Slope, Add	*52.78*	
		For 8 In 12 Slope, Add	*63.33*	
		For 16" On Center Gable Studs, Add	*52.78*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	597.31	157.62
		For 3 In 12 Slope, Add	*8.46*	
		For 5 In 12 Slope, Add	*22.57*	
		For 6 In 12 Slope, Add	*42.31*	
		For 7 In 12 Slope, Add	*56.41*	
		For 8 In 12 Slope, Add	*67.70*	
		For 16" On Center Gable Studs, Add	*56.41*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	649.79	163.06
		For 3 In 12 Slope, Add	*9.71*	
		For 5 In 12 Slope, Add	*25.89*	
		For 6 In 12 Slope, Add	*48.55*	
		For 7 In 12 Slope, Add	*64.73*	
		For 8 In 12 Slope, Add	*77.68*	
		For 16" On Center Gable Studs, Add	*64.73*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	664.96	168.50
		For 3 In 12 Slope, Add	*9.84*	
		For 5 In 12 Slope, Add	*26.24*	
		For 6 In 12 Slope, Add	*49.20*	
		For 7 In 12 Slope, Add	*65.60*	
		For 8 In 12 Slope, Add	*78.72*	
		For 16" On Center Gable Studs, Add	*65.60*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	686.26	171.21
		For 3 In 12 Slope, Add	*10.32*	
		For 5 In 12 Slope, Add	*27.51*	
		For 6 In 12 Slope, Add	*51.58*	
		For 7 In 12 Slope, Add	*68.77*	
		For 8 In 12 Slope, Add	*82.52*	
		For 16" On Center Gable Studs, Add	*68.77*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	714.01	176.65
		For 3 In 12 Slope, Add	*10.82*	
		For 5 In 12 Slope, Add	*28.86*	
		For 6 In 12 Slope, Add	*54.11*	
		For 7 In 12 Slope, Add	*72.14*	
		For 8 In 12 Slope, Add	*86.57*	
		For 16" On Center Gable Studs, Add	*72.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	739.47	179.36
		For 3 In 12 Slope, Add	*11.42*	
		For 5 In 12 Slope, Add	*30.46*	
		For 6 In 12 Slope, Add	*57.11*	
		For 7 In 12 Slope, Add	*76.15*	
		For 8 In 12 Slope, Add	*91.38*	
		For 16" On Center Gable Studs, Add	*76.15*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	755.23	182.08
		For 3 In 12 Slope, Add	*11.73*	
		For 5 In 12 Slope, Add	*31.29*	
		For 6 In 12 Slope, Add	*58.66*	
		For 7 In 12 Slope, Add	*78.21*	
		For 8 In 12 Slope, Add	*93.86*	
		For 16" On Center Gable Studs, Add	*78.21*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	7.62	2.41
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	9.52	3.00
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	11.42	3.61
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	12.05	3.81
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	13.32	4.21
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	15.22	4.81
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	17.13	5.41
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	17.76	5.62
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	19.03	6.02
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	20.29	6.42
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	20.94	6.62
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	22.83	7.23
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	24.74	7.82
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	26.63	8.43
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	28.55	9.03
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	11.96	3.78
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	14.95	4.73
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	17.94	5.67
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	18.93	6.00
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	20.94	6.62
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	23.91	7.57
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	26.91	8.52
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	27.90	8.82
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	29.90	9.46
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	31.89	10.09
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	32.89	10.41
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	35.88	11.34
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	38.87	12.30
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	41.86	13.24
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	44.85	14.19
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	47.85	15.13
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	22.03	6.96
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	23.24	7.35
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	25.69	8.13
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	29.36	9.28
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	33.03	10.45
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	34.25	10.84
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	36.69	11.61
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	39.14	12.37
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	40.37	12.77
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	44.03	13.93
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	47.70	15.09
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	51.37	16.24
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	55.04	17.41
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	58.71	18.57
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	28.55	9.03
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	30.13	9.53
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	33.30	10.54
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	38.05	12.04
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	42.82	13.54
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	44.39	14.04
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	47.56	15.04
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	50.73	16.05
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	52.33	16.54
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	57.08	18.05
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	61.83	19.56
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	66.59	21.07
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	71.35	22.57
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	76.11	24.07

06 18 13 00-0061 Glue Laminated Decking *(06 18 13)*

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	3.97	1.58
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	4.09	1.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	4.20	1.50

06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	11.59	3.24
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	13.06	3.60
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	24.63	7.68
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	27.02	8.05

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	2.14	0.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	2.21	0.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	2.63	0.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	2.88	0.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0007 White Pine *(06 22 13 00-0006)*

06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	9.02	3.22
		For Birch, Add	*1.59*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.45*	
		For Poplar, Add	*0.89*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.58*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	11.83	3.86
		For Birch, Add	*2.28*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.40*	
		For Poplar, Add	*1.26*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
		For Stain Grade Material (No Finger Joints), Add	*0.82*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	4.99	2.20
		For Birch, Add	*0.48*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.96*	
		For Poplar, Add	*0.26*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	5.47	2.20
		For Birch, Add	*0.65*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.18*	
		For Poplar, Add	*0.36*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
		For Stain Grade Material (No Finger Joints), Add	*0.23*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	7.08	2.76
		For Birch, Add	*0.90*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.58*	
		For Poplar, Add	*0.50*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.32*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	7.87	2.76
		For Birch, Add	*1.18*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.94*	
		For Poplar, Add	*0.66*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
		For Stain Grade Material (No Finger Joints), Add	*0.43*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	9.70	3.31
		For Birch, Add	*1.51*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.44*	
		For Poplar, Add	*0.84*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.27*	
		For Stain Grade Material (No Finger Joints), Add	*0.54*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	5.11	2.57
		For Birch, Add	*0.52*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.02*	
		For Poplar, Add	*0.29*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
		For Stain Grade Material (No Finger Joints), Add	*0.19*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	4.18	1.93
		For Birch, Add	*0.51*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.92*	
		For Poplar, Add	*0.28*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.63*	
		For Stain Grade Material (No Finger Joints), Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	5.69	1.93
		For Birch, Add	*1.05*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.59*	
		For Poplar, Add	*0.59*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.63*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	2.58	1.11
		For Birch, Add	*0.24*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.49*	
		For Poplar, Add	*0.13*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
		For Stain Grade Material (No Finger Joints), Add	*0.09*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	2.75	1.11
		For Birch, Add	*0.30*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.57*	
		For Poplar, Add	*0.17*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
		For Stain Grade Material (No Finger Joints), Add	*0.11*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	3.56	1.38
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.80*	
		For Poplar, Add	*0.25*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	3.56	1.38
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.80*	
		For Poplar, Add	*0.25*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	4.33	1.38
		For Birch, Add	*0.73*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.15*	
		For Poplar, Add	*0.41*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.53*	
		For Stain Grade Material (No Finger Joints), Add	*0.27*	
06 22 13 00-0023	LF	7-1/2" Wide Mullion Covers	23.27	1.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 22 13 00-0024	LF	Three Piece Mullion Trim, 2 Cove Moldings	29.09	1.65
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	8.82	4.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.53*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	8.86	4.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.42*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	6.54	2.38
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	8.61	2.38
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	10.94	2.66

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	4.55	1.66
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.13*	
		For Glue Laminated Installation, Add	*0.23*	
		For 1/8" Thick Paneling, Deduct	*-0.39*	
		For 1/2" Thick Paneling, Add	*0.87*	
		For 5/8" Thick Paneling, Add	*1.03*	
		For 3/4" Thick Paneling, Add	*1.24*	
		For Fire Retardant Treatment (Class I), Add	*0.61*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	5.14	2.04
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.33*	
		For Glue Laminated Installation, Add	*0.26*	
		For 1/8" Thick Paneling, Deduct	*-0.43*	
		For 1/2" Thick Paneling, Add	*0.91*	
		For 5/8" Thick Paneling, Add	*1.06*	
		For 3/4" Thick Paneling, Add	*1.25*	
		For Fire Retardant Treatment (Class I), Add	*0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	5.08	1.66
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.13*	
		For Glue Laminated Installation, Add	*0.25*	
		For 1/8" Thick Paneling, Deduct	*-0.48*	
		For 1/2" Thick Paneling, Add	*1.16*	
		For 5/8" Thick Paneling, Add	*1.43*	
		For 3/4" Thick Paneling, Add	*1.78*	
		For Fire Retardant Treatment (Class I), Add	*1.03*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	5.30	2.04
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.33*	
		For Glue Laminated Installation, Add	*0.27*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.00*	
		For 5/8" Thick Paneling, Add	*1.18*	
		For 3/4" Thick Paneling, Add	*1.41*	
		For Fire Retardant Treatment (Class I), Add	*0.68*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	4.38	1.66
		For Waterproof Glue, Add	*0.04*	
		For Glue Laminated Installation, Add	*0.22*	
		For Lumber Core, Add	*0.07*	
		For Fire Retardant Treatment (Class I), Add	*0.47*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

Note: NNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06 41 13 00-0001 Residential Housing Cabinetwork *(06 41 13)*

Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.

06 41 13 00-0002	EA	9" x 30" Wall Cabinet	119.57	25.26
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*32.68*	
		For Custom Built In Place, Add	*22.32*	
06 41 13 00-0003	EA	12" x 30" Wall Cabinet	124.50	25.26
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*34.65*	
		For Custom Built In Place, Add	*23.55*	
06 41 13 00-0004	EA	15" x 30" Wall Cabinet	130.66	25.26
		For Plastic Laminate On Particle Board, Deduct	*-28.05*	
		For Economy Grade, Deduct	*-16.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.02*	
		For High Grade, Add	*8.02*	
		For Higher Grade, Add	*16.03*	
		For Deluxe Grade, Add	*32.06*	
		For Custom Deluxe Grade, Add	*37.11*	
		For Custom Built In Place, Add	*25.09*	
06 41 13 00-0005	EA	18" x 30" Wall Cabinet	136.83	25.26
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*39.58*	
		For Custom Built In Place, Add	*26.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0006	EA	21" x 30" Wall Cabinet	148.19	28.47
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*42.19*	
		For Custom Built In Place, Add	*28.51*	
06 41 13 00-0007	EA	24" x 30" Wall Cabinet	155.59	28.47
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*45.15*	
		For Custom Built In Place, Add	*30.36*	
06 41 13 00-0008	EA	24" x 30" Wall Cabinet, 2 Doors	161.76	28.47
		For Plastic Laminate On Particle Board, Deduct	*-36.69*	
		For Economy Grade, Deduct	*-20.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.48*	
		For High Grade, Add	*10.48*	
		For Higher Grade, Add	*20.96*	
		For Deluxe Grade, Add	*41.93*	
		For Custom Deluxe Grade, Add	*47.62*	
		For Custom Built In Place, Add	*31.90*	
06 41 13 00-0009	EA	27" x 30" Wall Cabinet	167.92	28.47
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*50.09*	
		For Custom Built In Place, Add	*33.44*	
06 41 13 00-0010	EA	30" x 30" Wall Cabinet	186.04	32.60
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.86*	
		For Custom Built In Place, Add	*36.73*	
06 41 13 00-0011	EA	33" x 30" Wall Cabinet	198.99	35.35
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*58.37*	
		For Custom Built In Place, Add	*39.14*	
06 41 13 00-0012	EA	36" x 30" Wall Cabinet	206.35	37.19
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*60.22*	
		For Custom Built In Place, Add	*40.43*	
06 41 13 00-0013	EA	39" x 30" Wall Cabinet	218.62	39.03
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*64.04*	
		For Custom Built In Place, Add	*42.95*	
06 41 13 00-0014	EA	42" x 30" Wall Cabinet	226.02	39.03
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*67.00*	
		For Custom Built In Place, Add	*44.80*	
06 41 13 00-0015	EA	45" x 30" Wall Cabinet	238.92	41.79
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*70.51*	
		For Custom Built In Place, Add	*47.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0016	EA	48" x 30" Wall Cabinet	246.32	41.79
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*73.47*	
		For Custom Built In Place, Add	*49.05*	
06 41 13 00-0017	EA	24" x 30" Blind Corner Wall Cabinet	155.56	28.47
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*45.15*	
		For Custom Built In Place, Add	*30.35*	
06 41 13 00-0018	EA	24" x 30" Blind Corner Wall Cabinet	167.89	28.47
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*50.08*	
		For Custom Built In Place, Add	*33.44*	
06 41 13 00-0019	EA	30" x 30" Blind Corner Wall Cabinet	186.04	32.60
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.86*	
		For Custom Built In Place, Add	*36.73*	
06 41 13 00-0020	EA	33" x 30" Blind Corner Wall Cabinet	198.93	35.35
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*58.37*	
		For Custom Built In Place, Add	*39.13*	
06 41 13 00-0021	EA	36" x 30" Blind Corner Wall Cabinet	206.30	37.19
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*60.22*	
		For Custom Built In Place, Add	*40.42*	
06 41 13 00-0022	EA	42" x 30" Blind Corner Wall Cabinet	226.02	39.03
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*67.00*	
		For Custom Built In Place, Add	*44.80*	
06 41 13 00-0023	EA	48" x 30" Blind Corner Wall Cabinet	246.32	41.79
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*73.47*	
		For Custom Built In Place, Add	*49.05*	
06 41 13 00-0024	EA	30" x 34-1/2" Microwave Cabinet	251.95	35.35
		For Plastic Laminate On Particle Board, Deduct	*-63.44*	
		For Economy Grade, Deduct	*-36.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.13*	
		For High Grade, Add	*18.13*	
		For Higher Grade, Add	*36.25*	
		For Deluxe Grade, Add	*72.51*	
		For Custom Deluxe Grade, Add	*79.58*	
		For Custom Built In Place, Add	*52.39*	
06 41 13 00-0025	EA	30" x 46-1/2" Microwave Cabinet	327.70	41.79
		For Plastic Laminate On Particle Board, Deduct	*-85.46*	
		For Economy Grade, Deduct	*-48.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.42*	
		For High Grade, Add	*24.42*	
		For Higher Grade, Add	*48.83*	
		For Deluxe Grade, Add	*97.66*	
		For Custom Deluxe Grade, Add	*106.02*	
		For Custom Built In Place, Add	*69.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0026	EA	30" x 12" x 34-1/2" Microwave Cabinet	246.46	32.60
		For Plastic Laminate On Particle Board, Deduct	*-63.44*	
		For Economy Grade, Deduct	*-36.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.13*	
		For High Grade, Add	*18.13*	
		For Higher Grade, Add	*36.25*	
		For Deluxe Grade, Add	*72.51*	
		For Custom Deluxe Grade, Add	*79.03*	
		For Custom Built In Place, Add	*51.84*	
06 41 13 00-0027	EA	30" x 12" x 46-1/2" Microwave Cabinet	327.70	41.79
		For Plastic Laminate On Particle Board, Deduct	*-85.46*	
		For Economy Grade, Deduct	*-48.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.42*	
		For High Grade, Add	*24.42*	
		For Higher Grade, Add	*48.83*	
		For Deluxe Grade, Add	*97.66*	
		For Custom Deluxe Grade, Add	*106.02*	
		For Custom Built In Place, Add	*69.39*	
06 41 13 00-0028	EA	30" x 21" Microwave Cabinet	180.22	28.47
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*55.02*	
		For Custom Built In Place, Add	*36.52*	
06 41 13 00-0029	EA	30" x 30" Washer / Dryer Cabinet	186.04	32.60
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.86*	
		For Custom Built In Place, Add	*36.73*	
06 41 13 00-0030	EA	24" x 24" x 48" Diagonal Corner Cabinet	349.36	39.03
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*116.32*	
		For Custom Built In Place, Add	*75.63*	
06 41 13 00-0031	EA	24" x 24" x 48" Diagonal Corner Cabinet (RS)	410.68	39.03
		For Plastic Laminate On Particle Board, Deduct	*-116.41*	
		For Economy Grade, Deduct	*-66.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.26*	
		For High Grade, Add	*33.26*	
		For Higher Grade, Add	*66.52*	
		For Deluxe Grade, Add	*133.04*	
		For Custom Deluxe Grade, Add	*140.85*	
		For Custom Built In Place, Add	*90.96*	
06 41 13 00-0032	EA	24" x 24" x 60" Diagonal Corner Cabinet	409.13	41.79
		For Plastic Laminate On Particle Board, Deduct	*-113.94*	
		For Economy Grade, Deduct	*-65.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.56*	
		For High Grade, Add	*32.56*	
		For Higher Grade, Add	*65.11*	
		For Deluxe Grade, Add	*130.22*	
		For Custom Deluxe Grade, Add	*138.58*	
		For Custom Built In Place, Add	*89.75*	
06 41 13 00-0033	EA	24" x 24" x 60" Diagonal Corner Cabinet (RS)	458.46	41.79
		For Plastic Laminate On Particle Board, Deduct	*-131.21*	
		For Economy Grade, Deduct	*-74.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.49*	
		For High Grade, Add	*37.49*	
		For Higher Grade, Add	*74.98*	
		For Deluxe Grade, Add	*149.95*	
		For Custom Deluxe Grade, Add	*158.31*	
		For Custom Built In Place, Add	*102.08*	
06 41 13 00-0034	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet	213.16	32.60
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*65.71*	
		For Custom Built In Place, Add	*43.51*	
06 41 13 00-0035	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet (RS)	262.48	32.60
		For Plastic Laminate On Particle Board, Deduct	*-69.06*	
		For Economy Grade, Deduct	*-39.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.73*	
		For High Grade, Add	*19.73*	
		For Higher Grade, Add	*39.46*	
		For Deluxe Grade, Add	*78.92*	
		For Custom Deluxe Grade, Add	*85.44*	
		For Custom Built In Place, Add	*55.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0036	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet	242.75	32.60
		For Plastic Laminate On Particle Board, Deduct	*-62.15*	
		For Economy Grade, Deduct	*-35.51*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.76*	
		For High Grade, Add	*17.76*	
		For Higher Grade, Add	*35.51*	
		For Deluxe Grade, Add	*71.03*	
		For Custom Deluxe Grade, Add	*77.55*	
		For Custom Built In Place, Add	*50.91*	
06 41 13 00-0037	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet (RS)	301.94	32.60
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*101.22*	
		For Custom Built In Place, Add	*65.71*	
06 41 13 00-0038	EA	18" x 12" Wall Cabinet	97.36	25.26
		For Plastic Laminate On Particle Board, Deduct	*-16.40*	
		For Economy Grade, Deduct	*-9.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.69*	
		For High Grade, Add	*4.69*	
		For Higher Grade, Add	*9.37*	
		For Deluxe Grade, Add	*18.74*	
		For Custom Deluxe Grade, Add	*23.79*	
		For Custom Built In Place, Add	*16.77*	
06 41 13 00-0039	EA	24" x 12" Wall Cabinet	125.98	28.47
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*33.32*	
		For Custom Built In Place, Add	*22.96*	
06 41 13 00-0040	EA	30" x 12" Wall Cabinet	144.10	32.60
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*38.09*	
		For Custom Built In Place, Add	*26.25*	
06 41 13 00-0041	EA	33" x 12" Wall Cabinet	154.54	35.35
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*40.61*	
		For Custom Built In Place, Add	*28.03*	
06 41 13 00-0042	EA	36" x 12" Wall Cabinet	160.68	37.19
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*41.96*	
		For Custom Built In Place, Add	*29.02*	
06 41 13 00-0043	EA	39" x 12" Wall Cabinet	166.82	39.03
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*43.32*	
		For Custom Built In Place, Add	*30.00*	
06 41 13 00-0044	EA	42" x 12" Wall Cabinet	169.28	39.03
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*44.30*	
		For Custom Built In Place, Add	*30.62*	
06 41 13 00-0045	EA	18" x 15" Wall Cabinet	97.36	25.26
		For Plastic Laminate On Particle Board, Deduct	*-16.40*	
		For Economy Grade, Deduct	*-9.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.69*	
		For High Grade, Add	*4.69*	
		For Higher Grade, Add	*9.37*	
		For Deluxe Grade, Add	*18.74*	
		For Custom Deluxe Grade, Add	*23.79*	
		For Custom Built In Place, Add	*16.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0046	EA	24" x 15" Wall Cabinet	125.98	28.47
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*33.32*	
		For Custom Built In Place, Add	*22.96*	
06 41 13 00-0047	EA	30" x 15" Wall Cabinet	144.10	32.60
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*38.09*	
		For Custom Built In Place, Add	*26.25*	
06 41 13 00-0048	EA	33" x 15" Wall Cabinet	154.54	35.35
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*40.61*	
		For Custom Built In Place, Add	*28.03*	
06 41 13 00-0049	EA	36" x 15" Wall Cabinet	163.15	37.19
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*42.95*	
		For Custom Built In Place, Add	*29.63*	
06 41 13 00-0050	EA	39" x 15" Wall Cabinet	174.22	39.03
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*46.28*	
		For Custom Built In Place, Add	*31.85*	
06 41 13 00-0051	EA	42" x 15" Wall Cabinet	181.62	39.03
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*49.24*	
		For Custom Built In Place, Add	*33.70*	
06 41 13 00-0052	EA	48" x 15" Wall Cabinet	194.52	41.79
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*52.75*	
		For Custom Built In Place, Add	*36.10*	
06 41 13 00-0053	EA	18" x 18" Wall Cabinet	112.17	25.26
		For Plastic Laminate On Particle Board, Deduct	*-21.58*	
		For Economy Grade, Deduct	*-12.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.17*	
		For High Grade, Add	*6.17*	
		For Higher Grade, Add	*12.33*	
		For Deluxe Grade, Add	*24.66*	
		For Custom Deluxe Grade, Add	*29.72*	
		For Custom Built In Place, Add	*20.47*	
06 41 13 00-0054	EA	24" x 18" Wall Cabinet	125.97	28.47
		For Plastic Laminate On Particle Board, Deduct	*-24.17*	
		For Economy Grade, Deduct	*-13.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.91*	
		For High Grade, Add	*6.91*	
		For Higher Grade, Add	*13.81*	
		For Deluxe Grade, Add	*27.62*	
		For Custom Deluxe Grade, Add	*33.32*	
		For Custom Built In Place, Add	*22.96*	
06 41 13 00-0055	EA	30" x 18" Wall Cabinet	149.04	32.60
		For Plastic Laminate On Particle Board, Deduct	*-29.35*	
		For Economy Grade, Deduct	*-16.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.77*	
		For Deluxe Grade, Add	*33.54*	
		For Custom Deluxe Grade, Add	*40.06*	
		For Custom Built In Place, Add	*27.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0056	EA	33" x 18" Wall Cabinet	159.47	35.35
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*42.58*	
		For Custom Built In Place, Add	*29.27*	
06 41 13 00-0057	EA	36" x 18" Wall Cabinet	168.07	37.19
		For Plastic Laminate On Particle Board, Deduct	*-32.80*	
		For Economy Grade, Deduct	*-18.74*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.37*	
		For High Grade, Add	*9.37*	
		For Higher Grade, Add	*18.74*	
		For Deluxe Grade, Add	*37.49*	
		For Custom Deluxe Grade, Add	*44.92*	
		For Custom Built In Place, Add	*30.87*	
06 41 13 00-0058	EA	39" x 18" Wall Cabinet	177.92	39.03
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*47.76*	
		For Custom Built In Place, Add	*32.77*	
06 41 13 00-0059	EA	42" x 18" Wall Cabinet	184.09	39.03
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*50.22*	
		For Custom Built In Place, Add	*34.32*	
06 41 13 00-0060	EA	48" x 18" Wall Cabinet	199.46	41.79
		For Plastic Laminate On Particle Board, Deduct	*-40.57*	
		For Economy Grade, Deduct	*-23.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.59*	
		For High Grade, Add	*11.59*	
		For Higher Grade, Add	*23.18*	
		For Deluxe Grade, Add	*46.37*	
		For Custom Deluxe Grade, Add	*54.72*	
		For Custom Built In Place, Add	*37.33*	
06 41 13 00-0061	EA	12" x 24" Wall Cabinet	113.40	25.26
		For Plastic Laminate On Particle Board, Deduct	*-22.01*	
		For Economy Grade, Deduct	*-12.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.29*	
		For High Grade, Add	*6.29*	
		For Higher Grade, Add	*12.58*	
		For Deluxe Grade, Add	*25.16*	
		For Custom Deluxe Grade, Add	*30.21*	
		For Custom Built In Place, Add	*20.77*	
06 41 13 00-0062	EA	15" x 24" Wall Cabinet	118.33	25.26
		For Plastic Laminate On Particle Board, Deduct	*-23.74*	
		For Economy Grade, Deduct	*-13.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.78*	
		For High Grade, Add	*6.78*	
		For Higher Grade, Add	*13.56*	
		For Deluxe Grade, Add	*27.13*	
		For Custom Deluxe Grade, Add	*32.18*	
		For Custom Built In Place, Add	*22.01*	
06 41 13 00-0063	EA	18" x 24" Wall Cabinet	123.27	25.26
		For Plastic Laminate On Particle Board, Deduct	*-25.47*	
		For Economy Grade, Deduct	*-14.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.28*	
		For High Grade, Add	*7.28*	
		For Higher Grade, Add	*14.55*	
		For Deluxe Grade, Add	*29.10*	
		For Custom Deluxe Grade, Add	*34.16*	
		For Custom Built In Place, Add	*23.24*	
06 41 13 00-0064	EA	24" x 24" Wall Cabinet	139.56	28.47
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.74*	
		For Custom Built In Place, Add	*26.35*	
06 41 13 00-0065	EA	24" x 24" Wall Cabinet, 2 Doors	143.26	28.47
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*40.22*	
		For Custom Built In Place, Add	*27.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0066	EA	27" x 24" Wall Cabinet	146.96	28.47
		For Plastic Laminate On Particle Board, Deduct	*-31.51*	
		For Economy Grade, Deduct	*-18.00*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.00*	
		For High Grade, Add	*9.00*	
		For Higher Grade, Add	*18.00*	
		For Deluxe Grade, Add	*36.01*	
		For Custom Deluxe Grade, Add	*41.70*	
		For Custom Built In Place, Add	*28.20*	
06 41 13 00-0067	EA	30" x 24" Wall Cabinet	157.68	32.60
		For Plastic Laminate On Particle Board, Deduct	*-32.37*	
		For Economy Grade, Deduct	*-18.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.25*	
		For High Grade, Add	*9.25*	
		For Higher Grade, Add	*18.50*	
		For Deluxe Grade, Add	*37.00*	
		For Custom Deluxe Grade, Add	*43.52*	
		For Custom Built In Place, Add	*29.64*	
06 41 13 00-0068	EA	33" x 24" Wall Cabinet	168.16	35.35
		For Plastic Laminate On Particle Board, Deduct	*-34.10*	
		For Economy Grade, Deduct	*-19.48*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.74*	
		For High Grade, Add	*9.74*	
		For Higher Grade, Add	*19.48*	
		For Deluxe Grade, Add	*38.97*	
		For Custom Deluxe Grade, Add	*46.04*	
		For Custom Built In Place, Add	*31.43*	
06 41 13 00-0069	EA	36" x 24" Wall Cabinet	174.28	37.19
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*47.39*	
		For Custom Built In Place, Add	*32.41*	
06 41 13 00-0070	EA	39" x 24" Wall Cabinet	182.86	39.03
		For Plastic Laminate On Particle Board, Deduct	*-36.69*	
		For Economy Grade, Deduct	*-20.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.48*	
		For High Grade, Add	*10.48*	
		For Higher Grade, Add	*20.96*	
		For Deluxe Grade, Add	*41.93*	
		For Custom Deluxe Grade, Add	*49.73*	
		For Custom Built In Place, Add	*34.01*	
06 41 13 00-0071	EA	42" x 24" Wall Cabinet	190.26	39.03
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*52.69*	
		For Custom Built In Place, Add	*35.86*	
06 41 13 00-0072	EA	45" x 24" Wall Cabinet	205.62	41.79
		For Plastic Laminate On Particle Board, Deduct	*-42.73*	
		For Economy Grade, Deduct	*-24.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.21*	
		For High Grade, Add	*12.21*	
		For Higher Grade, Add	*24.42*	
		For Deluxe Grade, Add	*48.83*	
		For Custom Deluxe Grade, Add	*57.19*	
		For Custom Built In Place, Add	*38.87*	
06 41 13 00-0073	EA	48" x 24" Wall Cabinet	213.02	41.79
		For Plastic Laminate On Particle Board, Deduct	*-45.32*	
		For Economy Grade, Deduct	*-25.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.95*	
		For High Grade, Add	*12.95*	
		For Higher Grade, Add	*25.90*	
		For Deluxe Grade, Add	*51.79*	
		For Custom Deluxe Grade, Add	*60.15*	
		For Custom Built In Place, Add	*40.72*	
06 41 13 00-0074	EA	24" x 24" Blind Corner Wall Cabinet	139.53	28.47
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.74*	
		For Custom Built In Place, Add	*26.35*	
06 41 13 00-0075	EA	30" x 24" Blind Corner Wall Cabinet	157.68	32.60
		For Plastic Laminate On Particle Board, Deduct	*-32.37*	
		For Economy Grade, Deduct	*-18.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.25*	
		For High Grade, Add	*9.25*	
		For Higher Grade, Add	*18.50*	
		For Deluxe Grade, Add	*37.00*	
		For Custom Deluxe Grade, Add	*43.52*	
		For Custom Built In Place, Add	*29.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0076	EA	36" x 24" Blind Corner Wall Cabinet	174.23	37.19
		For Plastic Laminate On Particle Board, Deduct	*-34.96*	
		For Economy Grade, Deduct	*-19.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.99*	
		For High Grade, Add	*9.99*	
		For Higher Grade, Add	*19.98*	
		For Deluxe Grade, Add	*39.95*	
		For Custom Deluxe Grade, Add	*47.39*	
		For Custom Built In Place, Add	*32.41*	
06 41 13 00-0077	EA	42" x 24" Blind Corner Wall Cabinet	190.26	39.03
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*52.69*	
		For Custom Built In Place, Add	*35.86*	
06 41 13 00-0078	EA	48" x 24" Blind Corner Wall Cabinet	213.02	41.79
		For Plastic Laminate On Particle Board, Deduct	*-45.32*	
		For Economy Grade, Deduct	*-25.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.95*	
		For High Grade, Add	*12.95*	
		For Higher Grade, Add	*25.90*	
		For Deluxe Grade, Add	*51.79*	
		For Custom Deluxe Grade, Add	*60.15*	
		For Custom Built In Place, Add	*40.72*	
06 41 13 00-0079	EA	9" x 42" Wall Cabinet	139.56	28.47
		For Plastic Laminate On Particle Board, Deduct	*-28.92*	
		For Economy Grade, Deduct	*-16.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.26*	
		For High Grade, Add	*8.26*	
		For Higher Grade, Add	*16.52*	
		For Deluxe Grade, Add	*33.05*	
		For Custom Deluxe Grade, Add	*38.74*	
		For Custom Built In Place, Add	*26.35*	
06 41 13 00-0080	EA	12" x 42" Wall Cabinet	145.73	28.47
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*41.21*	
		For Custom Built In Place, Add	*27.89*	
06 41 13 00-0081	EA	15" x 42" Wall Cabinet	153.13	28.47
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*44.17*	
		For Custom Built In Place, Add	*29.74*	
06 41 13 00-0082	EA	18" x 42" Wall Cabinet	160.52	28.47
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*47.13*	
		For Custom Built In Place, Add	*31.59*	
06 41 13 00-0083	EA	21" x 42" Wall Cabinet	174.94	32.60
		For Plastic Laminate On Particle Board, Deduct	*-38.41*	
		For Economy Grade, Deduct	*-21.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.98*	
		For High Grade, Add	*10.98*	
		For Higher Grade, Add	*21.95*	
		For Deluxe Grade, Add	*43.90*	
		For Custom Deluxe Grade, Add	*50.42*	
		For Custom Built In Place, Add	*33.96*	
06 41 13 00-0084	EA	24" x 42" Wall Cabinet	183.57	32.60
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*53.87*	
		For Custom Built In Place, Add	*36.11*	
06 41 13 00-0085	EA	24" x 42" Wall Cabinet, 2 Doors	197.14	32.60
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*59.30*	
		For Custom Built In Place, Add	*39.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0086	EA	30" x 42" Wall Cabinet	216.19	35.35
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*65.27*	
		For Custom Built In Place, Add	*43.45*	
06 41 13 00-0087	EA	33" x 42" Wall Cabinet	228.54	37.19
		For Plastic Laminate On Particle Board, Deduct	*-53.95*	
		For Economy Grade, Deduct	*-30.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.41*	
		For High Grade, Add	*15.41*	
		For Higher Grade, Add	*30.83*	
		For Deluxe Grade, Add	*61.66*	
		For Custom Deluxe Grade, Add	*69.10*	
		For Custom Built In Place, Add	*45.98*	
06 41 13 00-0088	EA	36" x 42" Wall Cabinet	235.94	39.03
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.95*	
		For Custom Built In Place, Add	*47.27*	
06 41 13 00-0089	EA	24" x 42" Blind Corner Wall Cabinet	183.57	32.60
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*53.87*	
		For Custom Built In Place, Add	*36.11*	
06 41 13 00-0090	EA	30" x 42" Blind Corner Wall Cabinet	216.19	35.35
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*65.27*	
		For Custom Built In Place, Add	*43.45*	
06 41 13 00-0091	EA	36" x 42" Blind Corner Wall Cabinet	235.88	39.03
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*70.94*	
		For Custom Built In Place, Add	*47.26*	
06 41 13 00-0092	EA	24" Angle End Wall Cabinet	177.76	28.47
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*54.03*	
		For Custom Built In Place, Add	*35.90*	
06 41 13 00-0093	EA	30" Angle End Wall Cabinet	197.12	32.60
		For Plastic Laminate On Particle Board, Deduct	*-46.18*	
		For Economy Grade, Deduct	*-26.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.20*	
		For High Grade, Add	*13.20*	
		For Higher Grade, Add	*26.39*	
		For Deluxe Grade, Add	*52.78*	
		For Custom Deluxe Grade, Add	*59.30*	
		For Custom Built In Place, Add	*39.50*	
06 41 13 00-0094	EA	42" Angle End Wall Cabinet	253.13	39.03
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*77.85*	
		For Custom Built In Place, Add	*51.58*	
06 41 13 00-0095	EA	9" Base Cabinet	131.98	17.91
		For Plastic Laminate On Particle Board, Deduct	*-33.67*	
		For Economy Grade, Deduct	*-19.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For High Grade, Add	*9.62*	
		For Higher Grade, Add	*19.24*	
		For Deluxe Grade, Add	*38.48*	
		For Custom Deluxe Grade, Add	*42.06*	
		For Custom Built In Place, Add	*27.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0096	EA	12" Base Cabinet	147.30	24.33
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*44.33*	
		For Custom Built In Place, Add	*29.53*	
06 41 13 00-0097	EA	15" Base Cabinet	164.22	28.47
		For Plastic Laminate On Particle Board, Deduct	*-37.55*	
		For Economy Grade, Deduct	*-21.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.73*	
		For High Grade, Add	*10.73*	
		For Higher Grade, Add	*21.46*	
		For Deluxe Grade, Add	*42.91*	
		For Custom Deluxe Grade, Add	*48.61*	
		For Custom Built In Place, Add	*32.51*	
06 41 13 00-0098	EA	18" Base Cabinet	177.43	32.60
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*51.41*	
		For Custom Built In Place, Add	*34.58*	
06 41 13 00-0099	EA	21" Base Cabinet	193.40	36.28
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*55.60*	
		For Custom Built In Place, Add	*37.47*	
06 41 13 00-0100	EA	24" Base Cabinet	205.09	37.19
		For Plastic Laminate On Particle Board, Deduct	*-45.75*	
		For Economy Grade, Deduct	*-26.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.07*	
		For High Grade, Add	*13.07*	
		For Higher Grade, Add	*26.14*	
		For Deluxe Grade, Add	*52.28*	
		For Custom Deluxe Grade, Add	*59.72*	
		For Custom Built In Place, Add	*40.12*	
06 41 13 00-0101	EA	24" Base Cabinet, 2 Doors	214.96	37.19
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*63.67*	
		For Custom Built In Place, Add	*42.58*	
06 41 13 00-0102	EA	27" Base Cabinet	228.51	39.03
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*67.98*	
		For Custom Built In Place, Add	*45.42*	
06 41 13 00-0103	EA	30" Base Cabinet	242.33	42.25
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*71.59*	
		For Custom Built In Place, Add	*47.91*	
06 41 13 00-0104	EA	33" Base Cabinet	249.69	42.25
		For Plastic Laminate On Particle Board, Deduct	*-57.83*	
		For Economy Grade, Deduct	*-33.05*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.52*	
		For High Grade, Add	*16.52*	
		For Higher Grade, Add	*33.05*	
		For Deluxe Grade, Add	*66.10*	
		For Custom Deluxe Grade, Add	*74.54*	
		For Custom Built In Place, Add	*49.76*	
06 41 13 00-0105	EA	36" Base Cabinet	262.59	45.00
		For Plastic Laminate On Particle Board, Deduct	*-60.42*	
		For Economy Grade, Deduct	*-34.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.26*	
		For High Grade, Add	*17.26*	
		For Higher Grade, Add	*34.53*	
		For Deluxe Grade, Add	*69.06*	
		For Custom Deluxe Grade, Add	*78.05*	
		For Custom Built In Place, Add	*52.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0106	EA	39" Base Cabinet	269.99	45.00
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*81.01*	
		For Custom Built In Place, Add	*54.01*	
06 41 13 00-0107	EA	42" Base Cabinet	283.81	48.21
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*84.61*	
		For Custom Built In Place, Add	*56.50*	
06 41 13 00-0108	EA	45" Base Cabinet	291.21	48.21
		For Plastic Laminate On Particle Board, Deduct	*-68.19*	
		For Economy Grade, Deduct	*-38.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.48*	
		For High Grade, Add	*19.48*	
		For Higher Grade, Add	*38.97*	
		For Deluxe Grade, Add	*77.94*	
		For Custom Deluxe Grade, Add	*87.57*	
		For Custom Built In Place, Add	*58.35*	
06 41 13 00-0109	EA	48" Base Cabinet	307.16	53.72
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*90.65*	
		For Custom Built In Place, Add	*60.68*	
06 41 13 00-0110	EA	12"-4 Drawer Bases Cabinet	211.42	24.33
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*69.98*	
		For Custom Built In Place, Add	*45.56*	
06 41 13 00-0111	EA	15"-4 Drawer Bases Cabinet	232.02	28.47
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*75.74*	
		For Custom Built In Place, Add	*49.47*	
06 41 13 00-0112	EA	18"-4 Drawer Bases Cabinet	252.61	32.60
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*81.49*	
		For Custom Built In Place, Add	*53.38*	
06 41 13 00-0113	EA	21"-4 Drawer Bases Cabinet	272.28	36.28
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*87.16*	
		For Custom Built In Place, Add	*57.19*	
06 41 13 00-0114	EA	24"-4 Drawer Bases Cabinet	274.12	37.19
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*87.34*	
		For Custom Built In Place, Add	*57.38*	
06 41 13 00-0115	EA	30"-4 Drawer Bases Cabinet	321.21	42.25
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*103.15*	
		For Custom Built In Place, Add	*67.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0116	EA	33"-4 Drawer Bases Cabinet	333.55	42.25
		For Plastic Laminate On Particle Board, Deduct	*-87.19*	
		For Economy Grade, Deduct	*-49.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.91*	
		For High Grade, Add	*24.91*	
		For Higher Grade, Add	*49.82*	
		For Deluxe Grade, Add	*99.64*	
		For Custom Deluxe Grade, Add	*108.09*	
		For Custom Built In Place, Add	*70.72*	
06 41 13 00-0117	EA	36"-4 Drawer Bases Cabinet	361.24	45.00
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*117.51*	
		For Custom Built In Place, Add	*76.82*	
06 41 13 00-0118	EA	12"-3 Drawer Bases Cabinet	211.42	24.33
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*69.98*	
		For Custom Built In Place, Add	*45.56*	
06 41 13 00-0119	EA	15"-3 Drawer Bases Cabinet	232.02	28.47
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*75.74*	
		For Custom Built In Place, Add	*49.47*	
06 41 13 00-0120	EA	18"-3 Drawer Bases Cabinet	252.59	32.60
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*81.49*	
		For Custom Built In Place, Add	*53.38*	
06 41 13 00-0121	EA	21"-3 Drawer Bases Cabinet	272.28	36.28
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*87.16*	
		For Custom Built In Place, Add	*57.19*	
06 41 13 00-0122	EA	24"-3 Drawer Bases Cabinet	274.12	37.19
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*87.34*	
		For Custom Built In Place, Add	*57.38*	
06 41 13 00-0123	EA	30"-3 Drawer Bases Cabinet	321.23	42.25
		For Plastic Laminate On Particle Board, Deduct	*-82.87*	
		For Economy Grade, Deduct	*-47.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.68*	
		For High Grade, Add	*23.68*	
		For Higher Grade, Add	*47.35*	
		For Deluxe Grade, Add	*94.70*	
		For Custom Deluxe Grade, Add	*103.15*	
		For Custom Built In Place, Add	*67.64*	
06 41 13 00-0124	EA	33"-3 Drawer Bases Cabinet	333.57	42.25
		For Plastic Laminate On Particle Board, Deduct	*-87.19*	
		For Economy Grade, Deduct	*-49.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.91*	
		For High Grade, Add	*24.91*	
		For Higher Grade, Add	*49.82*	
		For Deluxe Grade, Add	*99.64*	
		For Custom Deluxe Grade, Add	*108.09*	
		For Custom Built In Place, Add	*70.72*	
06 41 13 00-0125	EA	36"-3 Drawer Bases Cabinet	361.26	45.00
		For Plastic Laminate On Particle Board, Deduct	*-94.95*	
		For Economy Grade, Deduct	*-54.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.13*	
		For High Grade, Add	*27.13*	
		For Higher Grade, Add	*54.26*	
		For Deluxe Grade, Add	*108.52*	
		For Custom Deluxe Grade, Add	*117.51*	
		For Custom Built In Place, Add	*76.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0126	EA	30" Pantry Drawer Bases Cabinet	386.58	42.25
		For Plastic Laminate On Particle Board, Deduct	*-105.74*	
		For Economy Grade, Deduct	*-60.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.21*	
		For High Grade, Add	*30.21*	
		For Higher Grade, Add	*60.42*	
		For Deluxe Grade, Add	*120.85*	
		For Custom Deluxe Grade, Add	*129.29*	
		For Custom Built In Place, Add	*83.98*	
06 41 13 00-0127	EA	33" Pantry Drawer Bases Cabinet	398.91	42.25
		For Plastic Laminate On Particle Board, Deduct	*-110.06*	
		For Economy Grade, Deduct	*-62.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.45*	
		For High Grade, Add	*31.45*	
		For Higher Grade, Add	*62.89*	
		For Deluxe Grade, Add	*125.78*	
		For Custom Deluxe Grade, Add	*134.23*	
		For Custom Built In Place, Add	*87.06*	
06 41 13 00-0128	EA	36" Pantry Drawer Bases Cabinet	416.75	45.00
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*139.71*	
		For Custom Built In Place, Add	*90.69*	
06 41 13 00-0129	EA	36" x 36" Corner Bases Cabinet L/R	459.91	45.00
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*156.97*	
		For Custom Built In Place, Add	*101.48*	
06 41 13 00-0130	EA	36" x 36" Corner Bases Cabinet (90)	459.91	45.00
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*156.97*	
		For Custom Built In Place, Add	*101.48*	
06 41 13 00-0131	EA	42" x 42" Corner Bases Cabinet (90)	515.65	48.21
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*177.35*	
		For Custom Built In Place, Add	*114.46*	
06 41 13 00-0132	EA	36" x 27" Reverse Blind Corner Base	242.88	45.00
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*70.16*	
		For Custom Built In Place, Add	*47.22*	
06 41 13 00-0133	EA	39" x 33" Reverse Blind Corner Base	247.81	45.00
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*72.13*	
		For Custom Built In Place, Add	*48.46*	
06 41 13 00-0134	EA	42" x 39" Reverse Blind Corner Base	259.16	48.21
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*74.75*	
		For Custom Built In Place, Add	*50.33*	
06 41 13 00-0135	EA	45" x 45" Reverse Blind Corner Base	266.55	48.21
		For Plastic Laminate On Particle Board, Deduct	*-59.56*	
		For Economy Grade, Deduct	*-34.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.02*	
		For High Grade, Add	*17.02*	
		For Higher Grade, Add	*34.03*	
		For Deluxe Grade, Add	*68.07*	
		For Custom Deluxe Grade, Add	*77.71*	
		For Custom Built In Place, Add	*52.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0136	EA	36" Blind Corner Base Cabinet L/R	223.15	45.00
		For Plastic Laminate On Particle Board, Deduct	*-46.61*	
		For Economy Grade, Deduct	*-26.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.32*	
		For High Grade, Add	*13.32*	
		For Higher Grade, Add	*26.64*	
		For Deluxe Grade, Add	*53.27*	
		For Custom Deluxe Grade, Add	*62.27*	
		For Custom Built In Place, Add	*42.29*	
06 41 13 00-0137	EA	42" Blind Corner Base Cabinet L/R	244.37	48.21
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*68.83*	
		For Custom Built In Place, Add	*46.63*	
06 41 13 00-0138	EA	48" Blind Corner Base Cabinet L/R	270.18	53.72
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*75.85*	
		For Custom Built In Place, Add	*51.44*	
06 41 13 00-0139	EA	54" Blind Corner Base Cabinet L/R	292.65	56.94
		For Plastic Laminate On Particle Board, Deduct	*-62.58*	
		For Economy Grade, Deduct	*-35.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.88*	
		For High Grade, Add	*17.88*	
		For Higher Grade, Add	*35.76*	
		For Deluxe Grade, Add	*71.52*	
		For Custom Deluxe Grade, Add	*82.91*	
		For Custom Built In Place, Add	*56.09*	
06 41 13 00-0140	EA	60" Blind Corner Base Cabinet L/R	329.58	60.61
		For Plastic Laminate On Particle Board, Deduct	*-72.94*	
		For Economy Grade, Deduct	*-41.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.84*	
		For High Grade, Add	*20.84*	
		For Higher Grade, Add	*41.68*	
		For Deluxe Grade, Add	*83.36*	
		For Custom Deluxe Grade, Add	*95.48*	
		For Custom Built In Place, Add	*64.22*	
06 41 13 00-0141	EA	24" Roll Out Shelf Base Cabinet	293.86	37.19
		For Plastic Laminate On Particle Board, Deduct	*-76.83*	
		For Economy Grade, Deduct	*-43.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.95*	
		For High Grade, Add	*21.95*	
		For Higher Grade, Add	*43.90*	
		For Deluxe Grade, Add	*87.80*	
		For Custom Deluxe Grade, Add	*95.24*	
		For Custom Built In Place, Add	*62.31*	
06 41 13 00-0142	EA	30" Roll Out Shelf Base Cabinet	331.09	42.25
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*107.10*	
		For Custom Built In Place, Add	*70.10*	
06 41 13 00-0143	EA	33" Roll Out Shelf Base Cabinet	338.49	42.25
		For Plastic Laminate On Particle Board, Deduct	*-88.91*	
		For Economy Grade, Deduct	*-50.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.40*	
		For High Grade, Add	*25.40*	
		For Higher Grade, Add	*50.81*	
		For Deluxe Grade, Add	*101.61*	
		For Custom Deluxe Grade, Add	*110.06*	
		For Custom Built In Place, Add	*71.95*	
06 41 13 00-0144	EA	36" Roll Out Shelf Base Cabinet	351.40	45.00
		For Plastic Laminate On Particle Board, Deduct	*-91.50*	
		For Economy Grade, Deduct	*-52.29*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.14*	
		For High Grade, Add	*26.14*	
		For Higher Grade, Add	*52.29*	
		For Deluxe Grade, Add	*104.57*	
		For Custom Deluxe Grade, Add	*113.57*	
		For Custom Built In Place, Add	*74.35*	
06 41 13 00-0145	EA	24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel	187.81	37.19
		For Plastic Laminate On Particle Board, Deduct	*-39.71*	
		For Economy Grade, Deduct	*-22.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.35*	
		For High Grade, Add	*11.35*	
		For Higher Grade, Add	*22.69*	
		For Deluxe Grade, Add	*45.38*	
		For Custom Deluxe Grade, Add	*52.82*	
		For Custom Built In Place, Add	*35.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0146	EA	24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	190.28	37.19
		For Plastic Laminate On Particle Board, Deduct	*-40.57*	
		For Economy Grade, Deduct	*-23.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.59*	
		For High Grade, Add	*11.59*	
		For Higher Grade, Add	*23.18*	
		For Deluxe Grade, Add	*46.37*	
		For Custom Deluxe Grade, Add	*53.80*	
		For Custom Built In Place, Add	*36.42*	
06 41 13 00-0147	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	196.41	39.03
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*55.16*	
		For Custom Built In Place, Add	*37.40*	
06 41 13 00-0148	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	207.77	42.25
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*57.77*	
		For Custom Built In Place, Add	*39.27*	
06 41 13 00-0149	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	212.71	42.25
		For Plastic Laminate On Particle Board, Deduct	*-44.89*	
		For Economy Grade, Deduct	*-25.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.83*	
		For High Grade, Add	*12.83*	
		For Higher Grade, Add	*25.65*	
		For Deluxe Grade, Add	*51.30*	
		For Custom Deluxe Grade, Add	*59.75*	
		For Custom Built In Place, Add	*40.51*	
06 41 13 00-0150	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	223.15	45.00
		For Plastic Laminate On Particle Board, Deduct	*-46.61*	
		For Economy Grade, Deduct	*-26.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.32*	
		For High Grade, Add	*13.32*	
		For Higher Grade, Add	*26.64*	
		For Deluxe Grade, Add	*53.27*	
		For Custom Deluxe Grade, Add	*62.27*	
		For Custom Built In Place, Add	*42.29*	
06 41 13 00-0151	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	230.55	45.00
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*65.23*	
		For Custom Built In Place, Add	*44.14*	
06 41 13 00-0152	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	244.37	48.21
		For Plastic Laminate On Particle Board, Deduct	*-51.79*	
		For Economy Grade, Deduct	*-29.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.80*	
		For High Grade, Add	*14.80*	
		For Higher Grade, Add	*29.60*	
		For Deluxe Grade, Add	*59.19*	
		For Custom Deluxe Grade, Add	*68.83*	
		For Custom Built In Place, Add	*46.63*	
06 41 13 00-0153	EA	45" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	251.77	48.21
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*71.79*	
		For Custom Built In Place, Add	*48.48*	
06 41 13 00-0154	EA	48" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	270.18	53.72
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*75.85*	
		For Custom Built In Place, Add	*51.44*	
06 41 13 00-0155	EA	12" Base Cabinet (Full Height Doors)	147.29	24.33
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*44.32*	
		For Custom Built In Place, Add	*29.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0156	EA	15" Base Cabinet (Full Height Doors)	164.22	28.47
		For Plastic Laminate On Particle Board, Deduct	*-37.55*	
		For Economy Grade, Deduct	*-21.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.73*	
		For High Grade, Add	*10.73*	
		For Higher Grade, Add	*21.46*	
		For Deluxe Grade, Add	*42.91*	
		For Custom Deluxe Grade, Add	*48.61*	
		For Custom Built In Place, Add	*32.51*	
06 41 13 00-0157	EA	18" Base Cabinet (Full Height Doors)	177.41	32.60
		For Plastic Laminate On Particle Board, Deduct	*-39.28*	
		For Economy Grade, Deduct	*-22.44*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.22*	
		For High Grade, Add	*11.22*	
		For Higher Grade, Add	*22.44*	
		For Deluxe Grade, Add	*44.89*	
		For Custom Deluxe Grade, Add	*51.41*	
		For Custom Built In Place, Add	*34.57*	
06 41 13 00-0158	EA	21" Base Cabinet (Full Height Doors)	193.42	36.28
		For Plastic Laminate On Particle Board, Deduct	*-42.30*	
		For Economy Grade, Deduct	*-24.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.09*	
		For High Grade, Add	*12.09*	
		For Higher Grade, Add	*24.17*	
		For Deluxe Grade, Add	*48.34*	
		For Custom Deluxe Grade, Add	*55.60*	
		For Custom Built In Place, Add	*37.47*	
06 41 13 00-0159	EA	24" Base Cabinet (Full Height Doors)	205.11	37.19
		For Plastic Laminate On Particle Board, Deduct	*-45.75*	
		For Economy Grade, Deduct	*-26.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.07*	
		For High Grade, Add	*13.07*	
		For Higher Grade, Add	*26.14*	
		For Deluxe Grade, Add	*52.28*	
		For Custom Deluxe Grade, Add	*59.72*	
		For Custom Built In Place, Add	*40.12*	
06 41 13 00-0160	EA	24" Base Cabinet, 2 Doors (Full Height Doors)	214.98	37.19
		For Plastic Laminate On Particle Board, Deduct	*-49.20*	
		For Economy Grade, Deduct	*-28.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.06*	
		For High Grade, Add	*14.06*	
		For Higher Grade, Add	*28.12*	
		For Deluxe Grade, Add	*56.23*	
		For Custom Deluxe Grade, Add	*63.67*	
		For Custom Built In Place, Add	*42.59*	
06 41 13 00-0161	EA	27" Base Cabinet (Full Height Doors)	228.48	39.03
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*67.98*	
		For Custom Built In Place, Add	*45.41*	
06 41 13 00-0162	EA	30" Base Cabinet (Full Height Doors)	242.31	42.25
		For Plastic Laminate On Particle Board, Deduct	*-55.24*	
		For Economy Grade, Deduct	*-31.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.78*	
		For High Grade, Add	*15.78*	
		For Higher Grade, Add	*31.57*	
		For Deluxe Grade, Add	*63.14*	
		For Custom Deluxe Grade, Add	*71.58*	
		For Custom Built In Place, Add	*47.91*	
06 41 13 00-0163	EA	33" Base Cabinet (Full Height Doors)	249.71	42.25
		For Plastic Laminate On Particle Board, Deduct	*-57.83*	
		For Economy Grade, Deduct	*-33.05*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.52*	
		For High Grade, Add	*16.52*	
		For Higher Grade, Add	*33.05*	
		For Deluxe Grade, Add	*66.10*	
		For Custom Deluxe Grade, Add	*74.54*	
		For Custom Built In Place, Add	*49.76*	
06 41 13 00-0164	EA	36" Base Cabinet (Full Height Doors)	262.61	45.00
		For Plastic Laminate On Particle Board, Deduct	*-60.42*	
		For Economy Grade, Deduct	*-34.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.26*	
		For High Grade, Add	*17.26*	
		For Higher Grade, Add	*34.53*	
		For Deluxe Grade, Add	*69.06*	
		For Custom Deluxe Grade, Add	*78.05*	
		For Custom Built In Place, Add	*52.16*	
06 41 13 00-0165	EA	39" Base Cabinet (Full Height Doors)	270.01	45.00
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*81.01*	
		For Custom Built In Place, Add	*54.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0166	EA	42" Base Cabinet (Full Height Doors)	283.82	48.21
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*84.61*	
		For Custom Built In Place, Add	*56.50*	
06 41 13 00-0167	EA	48" Base Cabinet (Full Height Doors)	307.15	53.72
		For Plastic Laminate On Particle Board, Deduct	*-69.92*	
		For Economy Grade, Deduct	*-39.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.98*	
		For High Grade, Add	*19.98*	
		For Higher Grade, Add	*39.95*	
		For Deluxe Grade, Add	*79.91*	
		For Custom Deluxe Grade, Add	*90.65*	
		For Custom Built In Place, Add	*60.68*	
06 41 13 00-0168	EA	36" Lazy Susan Base Cabinet	336.58	45.00
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*107.65*	
		For Custom Built In Place, Add	*70.65*	
06 41 13 00-0169	EA	27" Island Base Corner Cabinet	258.05	39.03
		For Plastic Laminate On Particle Board, Deduct	*-63.01*	
		For Economy Grade, Deduct	*-36.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.00*	
		For High Grade, Add	*18.00*	
		For Higher Grade, Add	*36.01*	
		For Deluxe Grade, Add	*72.02*	
		For Custom Deluxe Grade, Add	*79.82*	
		For Custom Built In Place, Add	*52.81*	
06 41 13 00-0170	EA	18" Sink Fronts	131.75	32.60
		For Plastic Laminate On Particle Board, Deduct	*-23.31*	
		For Economy Grade, Deduct	*-13.32*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.66*	
		For High Grade, Add	*6.66*	
		For Higher Grade, Add	*13.32*	
		For Deluxe Grade, Add	*26.64*	
		For Custom Deluxe Grade, Add	*33.15*	
		For Custom Built In Place, Add	*23.16*	
06 41 13 00-0171	EA	24" Sink Fronts	148.33	37.19
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*37.03*	
		For Custom Built In Place, Add	*25.93*	
06 41 13 00-0172	EA	30" Sink Fronts	165.83	42.25
		For Plastic Laminate On Particle Board, Deduct	*-28.49*	
		For Economy Grade, Deduct	*-16.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.14*	
		For High Grade, Add	*8.14*	
		For Higher Grade, Add	*16.28*	
		For Deluxe Grade, Add	*32.56*	
		For Custom Deluxe Grade, Add	*41.00*	
		For Custom Built In Place, Add	*28.79*	
06 41 13 00-0173	EA	42" Sink Fronts	197.49	48.21
		For Plastic Laminate On Particle Board, Deduct	*-35.39*	
		For Economy Grade, Deduct	*-20.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.11*	
		For High Grade, Add	*10.11*	
		For Higher Grade, Add	*20.22*	
		For Deluxe Grade, Add	*40.45*	
		For Custom Deluxe Grade, Add	*50.09*	
		For Custom Built In Place, Add	*34.92*	
06 41 13 00-0174	EA	48" Sink Fronts	225.76	53.72
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*58.09*	
		For Custom Built In Place, Add	*40.33*	
06 41 13 00-0175	EA	36" x 36" Diagonal Sink Fronts	163.96	45.00
		For Plastic Laminate On Particle Board, Deduct	*-25.90*	
		For Economy Grade, Deduct	*-14.80*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.40*	
		For High Grade, Add	*7.40*	
		For Higher Grade, Add	*14.80*	
		For Deluxe Grade, Add	*29.60*	
		For Custom Deluxe Grade, Add	*38.59*	
		For Custom Built In Place, Add	*27.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0176	EA	39" x 39" Diagonal Sink Fronts	171.36	45.00
		For Plastic Laminate On Particle Board, Deduct	*-28.49*	
		For Economy Grade, Deduct	*-16.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.14*	
		For High Grade, Add	*8.14*	
		For Higher Grade, Add	*16.28*	
		For Deluxe Grade, Add	*32.56*	
		For Custom Deluxe Grade, Add	*41.55*	
		For Custom Built In Place, Add	*29.34*	
06 41 13 00-0177	EA	42" x 42" Diagonal Sink Fronts	185.17	48.21
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*45.15*	
		For Custom Built In Place, Add	*31.84*	
06 41 13 00-0178	EA	12" x 24" x 84" Broom Cabinet	295.27	24.33
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*103.52*	
		For Custom Built In Place, Add	*66.52*	
06 41 13 00-0179	EA	15" x 24" x 84" Broom Cabinet	312.14	30.30
		For Plastic Laminate On Particle Board, Deduct	*-88.05*	
		For Economy Grade, Deduct	*-50.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.16*	
		For High Grade, Add	*25.16*	
		For Higher Grade, Add	*50.31*	
		For Deluxe Grade, Add	*100.62*	
		For Custom Deluxe Grade, Add	*106.68*	
		For Custom Built In Place, Add	*68.95*	
06 41 13 00-0180	EA	18" x 24" x 84" Broom Cabinet	313.40	28.47
		For Plastic Laminate On Particle Board, Deduct	*-89.77*	
		For Economy Grade, Deduct	*-51.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.65*	
		For High Grade, Add	*25.65*	
		For Higher Grade, Add	*51.30*	
		For Deluxe Grade, Add	*102.60*	
		For Custom Deluxe Grade, Add	*108.29*	
		For Custom Built In Place, Add	*69.81*	
06 41 13 00-0181	EA	24" x 24" x 84" Broom Cabinet	362.91	37.19
		For Plastic Laminate On Particle Board, Deduct	*-101.00*	
		For Economy Grade, Deduct	*-57.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.86*	
		For High Grade, Add	*28.86*	
		For Higher Grade, Add	*57.71*	
		For Deluxe Grade, Add	*115.42*	
		For Custom Deluxe Grade, Add	*122.86*	
		For Custom Built In Place, Add	*79.58*	
06 41 13 00-0182	EA	27" x 24" x 84" Broom Cabinet	394.90	39.03
		For Plastic Laminate On Particle Board, Deduct	*-110.92*	
		For Economy Grade, Deduct	*-63.38*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.69*	
		For High Grade, Add	*31.69*	
		For Higher Grade, Add	*63.38*	
		For Deluxe Grade, Add	*126.77*	
		For Custom Deluxe Grade, Add	*134.57*	
		For Custom Built In Place, Add	*87.03*	
06 41 13 00-0183	EA	30" x 24" x 84" Broom Cabinet	405.03	42.25
		For Plastic Laminate On Particle Board, Deduct	*-112.22*	
		For Economy Grade, Deduct	*-64.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.06*	
		For High Grade, Add	*32.06*	
		For Higher Grade, Add	*64.12*	
		For Deluxe Grade, Add	*128.25*	
		For Custom Deluxe Grade, Add	*136.69*	
		For Custom Built In Place, Add	*88.60*	
06 41 13 00-0184	EA	33" x 24" x 84" Broom Cabinet	466.68	42.25
		For Plastic Laminate On Particle Board, Deduct	*-133.79*	
		For Economy Grade, Deduct	*-76.45*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.23*	
		For High Grade, Add	*38.23*	
		For Higher Grade, Add	*76.45*	
		For Deluxe Grade, Add	*152.91*	
		For Custom Deluxe Grade, Add	*161.35*	
		For Custom Built In Place, Add	*104.01*	
06 41 13 00-0185	EA	36" x 24" x 84" Broom Cabinet	504.31	45.00
		For Plastic Laminate On Particle Board, Deduct	*-145.02*	
		For Economy Grade, Deduct	*-82.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.43*	
		For High Grade, Add	*41.43*	
		For Higher Grade, Add	*82.87*	
		For Deluxe Grade, Add	*165.74*	
		For Custom Deluxe Grade, Add	*174.73*	
		For Custom Built In Place, Add	*112.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0186	EA	12" x 12" x 84" Broom Cabinet	270.61	24.33
		For Plastic Laminate On Particle Board, Deduct	*-77.69*	
		For Economy Grade, Deduct	*-44.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.20*	
		For High Grade, Add	*22.20*	
		For Higher Grade, Add	*44.39*	
		For Deluxe Grade, Add	*88.79*	
		For Custom Deluxe Grade, Add	*93.65*	
		For Custom Built In Place, Add	*60.36*	
06 41 13 00-0187	EA	15" x 12" x 84" Broom Cabinet	287.48	30.30
		For Plastic Laminate On Particle Board, Deduct	*-79.42*	
		For Economy Grade, Deduct	*-45.38*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.69*	
		For High Grade, Add	*22.69*	
		For Higher Grade, Add	*45.38*	
		For Deluxe Grade, Add	*90.76*	
		For Custom Deluxe Grade, Add	*96.82*	
		For Custom Built In Place, Add	*62.78*	
06 41 13 00-0188	EA	18" x 12" x 84" Broom Cabinet	288.74	28.47
		For Plastic Laminate On Particle Board, Deduct	*-81.14*	
		For Economy Grade, Deduct	*-46.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.18*	
		For High Grade, Add	*23.18*	
		For Higher Grade, Add	*46.37*	
		For Deluxe Grade, Add	*92.73*	
		For Custom Deluxe Grade, Add	*98.42*	
		For Custom Built In Place, Add	*63.65*	
06 41 13 00-0189	EA	24" x 12" x 84" Broom Cabinet	338.24	37.19
		For Plastic Laminate On Particle Board, Deduct	*-92.36*	
		For Economy Grade, Deduct	*-52.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.39*	
		For High Grade, Add	*26.39*	
		For Higher Grade, Add	*52.78*	
		For Deluxe Grade, Add	*105.56*	
		For Custom Deluxe Grade, Add	*112.99*	
		For Custom Built In Place, Add	*73.41*	
06 41 13 00-0190	EA	27" x 12" x 84" Broom Cabinet	370.24	39.03
		For Plastic Laminate On Particle Board, Deduct	*-102.29*	
		For Economy Grade, Deduct	*-58.45*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.23*	
		For High Grade, Add	*29.23*	
		For Higher Grade, Add	*58.45*	
		For Deluxe Grade, Add	*116.90*	
		For Custom Deluxe Grade, Add	*124.70*	
		For Custom Built In Place, Add	*80.86*	
06 41 13 00-0191	EA	30" x 12" x 84" Broom Cabinet	380.36	42.25
		For Plastic Laminate On Particle Board, Deduct	*-103.58*	
		For Economy Grade, Deduct	*-59.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.60*	
		For High Grade, Add	*29.60*	
		For Higher Grade, Add	*59.19*	
		For Deluxe Grade, Add	*118.38*	
		For Custom Deluxe Grade, Add	*126.82*	
		For Custom Built In Place, Add	*82.43*	
06 41 13 00-0192	EA	33" x 12" x 84" Broom Cabinet	442.02	42.25
		For Plastic Laminate On Particle Board, Deduct	*-125.16*	
		For Economy Grade, Deduct	*-71.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.76*	
		For High Grade, Add	*35.76*	
		For Higher Grade, Add	*71.52*	
		For Deluxe Grade, Add	*143.04*	
		For Custom Deluxe Grade, Add	*151.49*	
		For Custom Built In Place, Add	*97.84*	
06 41 13 00-0193	EA	36" x 12" x 84" Broom Cabinet	479.64	45.00
		For Plastic Laminate On Particle Board, Deduct	*-136.38*	
		For Economy Grade, Deduct	*-77.93*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.97*	
		For High Grade, Add	*38.97*	
		For Higher Grade, Add	*77.93*	
		For Deluxe Grade, Add	*155.87*	
		For Custom Deluxe Grade, Add	*164.87*	
		For Custom Built In Place, Add	*106.41*	
06 41 13 00-0194	EA	27" x 24" x 84" Oven / Microwave Cabinet	447.98	39.03
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*155.78*	
		For Custom Built In Place, Add	*100.29*	
06 41 13 00-0195	EA	30" x 24" x 84" Oven / Microwave Cabinet	479.08	42.25
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*166.29*	
		For Custom Built In Place, Add	*107.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0196	EA	33" x 24" x 84" Oven / Microwave Cabinet	503.74	42.25
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*176.16*	
		For Custom Built In Place, Add	*113.26*	
06 41 13 00-0197	EA	27" x 24" x 84" Universal Oven Cabinet	447.98	39.03
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*155.78*	
		For Custom Built In Place, Add	*100.29*	
06 41 13 00-0198	EA	30" x 24" x 84" Universal Oven Cabinet	479.08	42.25
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*166.29*	
		For Custom Built In Place, Add	*107.10*	
06 41 13 00-0199	EA	33" x 24" x 84" Universal Oven Cabinet	503.74	42.25
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*176.16*	
		For Custom Built In Place, Add	*113.26*	
06 41 13 00-0200	EA	27" x 24" x 84" Double Oven Cabinet	447.97	39.03
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*155.78*	
		For Custom Built In Place, Add	*100.29*	
06 41 13 00-0201	EA	30" x 24" x 84" Double Oven Cabinet	479.07	42.25
		For Plastic Laminate On Particle Board, Deduct	*-138.11*	
		For Economy Grade, Deduct	*-78.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.46*	
		For High Grade, Add	*39.46*	
		For Higher Grade, Add	*78.92*	
		For Deluxe Grade, Add	*157.84*	
		For Custom Deluxe Grade, Add	*166.29*	
		For Custom Built In Place, Add	*107.10*	
06 41 13 00-0202	EA	33" x 24" x 84" Double Oven Cabinet	503.73	42.25
		For Plastic Laminate On Particle Board, Deduct	*-146.74*	
		For Economy Grade, Deduct	*-83.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.93*	
		For High Grade, Add	*41.93*	
		For Higher Grade, Add	*83.85*	
		For Deluxe Grade, Add	*167.71*	
		For Custom Deluxe Grade, Add	*176.15*	
		For Custom Built In Place, Add	*113.26*	
06 41 13 00-0203	EA	30" x 12" x 48" Library Cabinet	354.08	53.72
		For Plastic Laminate On Particle Board, Deduct	*-86.32*	
		For Economy Grade, Deduct	*-49.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.66*	
		For High Grade, Add	*24.66*	
		For Higher Grade, Add	*49.33*	
		For Deluxe Grade, Add	*98.65*	
		For Custom Deluxe Grade, Add	*109.40*	
		For Custom Built In Place, Add	*72.40*	
06 41 13 00-0204	EA	30" x 12" x 54" Library Cabinet	401.21	56.94
		For Plastic Laminate On Particle Board, Deduct	*-100.56*	
		For Economy Grade, Deduct	*-57.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.73*	
		For High Grade, Add	*28.73*	
		For Higher Grade, Add	*57.46*	
		For Deluxe Grade, Add	*114.93*	
		For Custom Deluxe Grade, Add	*126.32*	
		For Custom Built In Place, Add	*83.22*	
06 41 13 00-0205	EA	30" x 12" x 60" Library Cabinet	448.00	60.61
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*142.83*	
		For Custom Built In Place, Add	*93.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0206	EA	30" x 12" x 66" Library Cabinet	493.92	61.99
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*160.37*	
		For Custom Built In Place, Add	*104.88*	
06 41 13 00-0207	EA	30" x 12" x 48" Library Cabinet - C	391.11	53.72
		For Plastic Laminate On Particle Board, Deduct	*-99.27*	
		For Economy Grade, Deduct	*-56.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.36*	
		For High Grade, Add	*28.36*	
		For Higher Grade, Add	*56.72*	
		For Deluxe Grade, Add	*113.45*	
		For Custom Deluxe Grade, Add	*124.20*	
		For Custom Built In Place, Add	*81.65*	
06 41 13 00-0208	EA	30" x 12" x 54" Library Cabinet - C	440.67	56.94
		For Plastic Laminate On Particle Board, Deduct	*-114.37*	
		For Economy Grade, Deduct	*-65.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.68*	
		For High Grade, Add	*32.68*	
		For Higher Grade, Add	*65.36*	
		For Deluxe Grade, Add	*130.71*	
		For Custom Deluxe Grade, Add	*142.10*	
		For Custom Built In Place, Add	*93.08*	
06 41 13 00-0209	EA	30" x 12" x 60" Library Cabinet - C	491.17	60.61
		For Plastic Laminate On Particle Board, Deduct	*-129.48*	
		For Economy Grade, Deduct	*-73.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.99*	
		For High Grade, Add	*36.99*	
		For Higher Grade, Add	*73.99*	
		For Deluxe Grade, Add	*147.98*	
		For Custom Deluxe Grade, Add	*160.10*	
		For Custom Built In Place, Add	*104.61*	
06 41 13 00-0210	EA	30" x 12" x 66" Library Cabinet - C	530.93	61.99
		For Plastic Laminate On Particle Board, Deduct	*-142.43*	
		For Economy Grade, Deduct	*-81.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-40.69*	
		For High Grade, Add	*40.69*	
		For Higher Grade, Add	*81.39*	
		For Deluxe Grade, Add	*162.78*	
		For Custom Deluxe Grade, Add	*175.18*	
		For Custom Built In Place, Add	*114.13*	
06 41 13 00-0211	LF	Finished Wood Tops	41.85	5.51
		For Plastic Laminate On Particle Board, Deduct	*-10.79*	
		For Economy Grade, Deduct	*-6.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
		For High Grade, Add	*3.08*	
		For Higher Grade, Add	*6.17*	
		For Deluxe Grade, Add	*12.33*	
		For Custom Deluxe Grade, Add	*13.43*	
		For Custom Built In Place, Add	*8.81*	
06 41 13 00-0212	EA	24" Vanity Sink Base, 2 Drawer	177.98	37.19
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*48.87*	
		For Custom Built In Place, Add	*33.34*	
06 41 13 00-0213	EA	27" Vanity Sink Base	186.59	39.03
		For Plastic Laminate On Particle Board, Deduct	*-37.98*	
		For Economy Grade, Deduct	*-21.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.85*	
		For High Grade, Add	*10.85*	
		For Higher Grade, Add	*21.70*	
		For Deluxe Grade, Add	*43.41*	
		For Custom Deluxe Grade, Add	*51.22*	
		For Custom Built In Place, Add	*34.94*	
06 41 13 00-0214	EA	30" Vanity Sink Base	195.48	42.25
		For Plastic Laminate On Particle Board, Deduct	*-38.84*	
		For Economy Grade, Deduct	*-22.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.10*	
		For High Grade, Add	*11.10*	
		For Higher Grade, Add	*22.20*	
		For Deluxe Grade, Add	*44.39*	
		For Custom Deluxe Grade, Add	*52.84*	
		For Custom Built In Place, Add	*36.20*	
06 41 13 00-0215	EA	36" Vanity Sink Base	213.32	45.00
		For Plastic Laminate On Particle Board, Deduct	*-43.16*	
		For Economy Grade, Deduct	*-24.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.33*	
		For High Grade, Add	*12.33*	
		For Higher Grade, Add	*24.66*	
		For Deluxe Grade, Add	*49.32*	
		For Custom Deluxe Grade, Add	*58.33*	
		For Custom Built In Place, Add	*39.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0216	EA	42" Vanity Sink Base	256.75	48.21
		For Plastic Laminate On Particle Board, Deduct	*-56.11*	
		For Economy Grade, Deduct	*-32.06*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.03*	
		For High Grade, Add	*16.03*	
		For Higher Grade, Add	*32.06*	
		For Deluxe Grade, Add	*64.12*	
		For Custom Deluxe Grade, Add	*73.77*	
		For Custom Built In Place, Add	*49.72*	
06 41 13 00-0217	EA	36" Vanity Sink Base With Drawer On Each End	233.05	45.00
		For Plastic Laminate On Particle Board, Deduct	*-50.06*	
		For Economy Grade, Deduct	*-28.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.30*	
		For High Grade, Add	*14.30*	
		For Higher Grade, Add	*28.61*	
		For Deluxe Grade, Add	*57.22*	
		For Custom Deluxe Grade, Add	*66.22*	
		For Custom Built In Place, Add	*44.76*	
06 41 13 00-0218	EA	42" Vanity Sink Base With Drawer On Each End	251.82	48.21
		For Plastic Laminate On Particle Board, Deduct	*-54.38*	
		For Economy Grade, Deduct	*-31.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.54*	
		For High Grade, Add	*15.54*	
		For Higher Grade, Add	*31.08*	
		For Deluxe Grade, Add	*62.15*	
		For Custom Deluxe Grade, Add	*71.80*	
		For Custom Built In Place, Add	*48.49*	
06 41 13 00-0219	EA	48" Vanity Sink Base With Drawer On Each End	277.63	53.72
		For Plastic Laminate On Particle Board, Deduct	*-59.56*	
		For Economy Grade, Deduct	*-34.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.02*	
		For High Grade, Add	*17.02*	
		For Higher Grade, Add	*34.03*	
		For Deluxe Grade, Add	*68.07*	
		For Custom Deluxe Grade, Add	*78.81*	
		For Custom Built In Place, Add	*53.29*	
06 41 13 00-0220	EA	54" Combo Vanity With Sink Center	298.86	56.94
		For Plastic Laminate On Particle Board, Deduct	*-64.74*	
		For Economy Grade, Deduct	*-36.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.50*	
		For High Grade, Add	*18.50*	
		For Higher Grade, Add	*36.99*	
		For Deluxe Grade, Add	*73.99*	
		For Custom Deluxe Grade, Add	*85.38*	
		For Custom Built In Place, Add	*57.63*	
06 41 13 00-0221	EA	60" Combo Vanity With Sink Center	328.40	60.61
		For Plastic Laminate On Particle Board, Deduct	*-72.51*	
		For Economy Grade, Deduct	*-41.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.72*	
		For High Grade, Add	*20.72*	
		For Higher Grade, Add	*41.43*	
		For Deluxe Grade, Add	*82.87*	
		For Custom Deluxe Grade, Add	*94.99*	
		For Custom Built In Place, Add	*63.92*	
06 41 13 00-0222	EA	66" Combo Vanity With Sink Center	345.97	61.99
		For Plastic Laminate On Particle Board, Deduct	*-77.69*	
		For Economy Grade, Deduct	*-44.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.20*	
		For High Grade, Add	*22.20*	
		For Higher Grade, Add	*44.39*	
		For Deluxe Grade, Add	*88.79*	
		For Custom Deluxe Grade, Add	*101.19*	
		For Custom Built In Place, Add	*67.89*	
06 41 13 00-0223	EA	72" Combo Vanity With Sink Center	362.88	64.29
		For Plastic Laminate On Particle Board, Deduct	*-82.01*	
		For Economy Grade, Deduct	*-46.86*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.43*	
		For High Grade, Add	*23.43*	
		For Higher Grade, Add	*46.86*	
		For Deluxe Grade, Add	*93.72*	
		For Custom Deluxe Grade, Add	*106.58*	
		For Custom Built In Place, Add	*71.43*	
06 41 13 00-0224	EA	24" Vanity Sink Base, Full Height Doors, 2 Doors	173.05	37.19
		For Plastic Laminate On Particle Board, Deduct	*-34.53*	
		For Economy Grade, Deduct	*-19.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.87*	
		For High Grade, Add	*9.87*	
		For Higher Grade, Add	*19.73*	
		For Deluxe Grade, Add	*39.46*	
		For Custom Deluxe Grade, Add	*46.90*	
		For Custom Built In Place, Add	*32.10*	
06 41 13 00-0225	EA	27" Vanity Sink Base, Full Height Doors	181.65	39.03
		For Plastic Laminate On Particle Board, Deduct	*-36.25*	
		For Economy Grade, Deduct	*-20.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.36*	
		For High Grade, Add	*10.36*	
		For Higher Grade, Add	*20.72*	
		For Deluxe Grade, Add	*41.43*	
		For Custom Deluxe Grade, Add	*49.24*	
		For Custom Built In Place, Add	*33.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0226	EA	30" Vanity Sink Base, Full Height Doors	190.55	42.25
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*50.87*	
		For Custom Built In Place, Add	*34.96*	
06 41 13 00-0227	EA	36" Vanity Sink Base, Full Height Doors	208.39	45.00
		For Plastic Laminate On Particle Board, Deduct	*-41.43*	
		For Economy Grade, Deduct	*-23.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.84*	
		For High Grade, Add	*11.84*	
		For Higher Grade, Add	*23.68*	
		For Deluxe Grade, Add	*47.35*	
		For Custom Deluxe Grade, Add	*56.35*	
		For Custom Built In Place, Add	*38.60*	
06 41 13 00-0228	EA	42" Vanity Sink Base, Full Height Doors	234.55	48.21
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*64.89*	
		For Custom Built In Place, Add	*44.17*	
06 41 13 00-0229	EA	48" Vanity Sink Base, Full Height Doors	257.90	53.72
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*70.92*	
		For Custom Built In Place, Add	*48.36*	
06 41 13 00-0230	EA	24" Vanity Sink Base With 2 Sink Blanks And Drawers	219.91	37.19
		For Plastic Laminate On Particle Board, Deduct	*-50.93*	
		For Economy Grade, Deduct	*-29.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.55*	
		For High Grade, Add	*14.55*	
		For Higher Grade, Add	*29.10*	
		For Deluxe Grade, Add	*58.20*	
		For Custom Deluxe Grade, Add	*65.64*	
		For Custom Built In Place, Add	*43.82*	
06 41 13 00-0231	EA	30" Vanity Sink Base With 2 Sink Blanks And Drawers	237.41	42.25
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*69.61*	
		For Custom Built In Place, Add	*46.68*	
06 41 13 00-0232	EA	36" Vanity Sink Base With 2 Sink Blanks And Drawers	250.32	45.00
		For Plastic Laminate On Particle Board, Deduct	*-56.11*	
		For Economy Grade, Deduct	*-32.06*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.03*	
		For High Grade, Add	*16.03*	
		For Higher Grade, Add	*32.06*	
		For Deluxe Grade, Add	*64.12*	
		For Custom Deluxe Grade, Add	*73.13*	
		For Custom Built In Place, Add	*49.08*	
06 41 13 00-0233	EA	18" Vanity Drawer Base, 2 Drawer	216.90	32.60
		For Plastic Laminate On Particle Board, Deduct	*-53.09*	
		For Economy Grade, Deduct	*-30.34*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.17*	
		For High Grade, Add	*15.17*	
		For Higher Grade, Add	*30.34*	
		For Deluxe Grade, Add	*60.67*	
		For Custom Deluxe Grade, Add	*67.19*	
		For Custom Built In Place, Add	*44.44*	
06 41 13 00-0234	EA	21" Vanity Drawer Base, 2 Drawer	247.67	36.28
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*77.30*	
		For Custom Built In Place, Add	*51.03*	
06 41 13 00-0235	EA	24" Vanity Drawer Base, 2 Drawer	261.84	37.19
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*82.42*	
		For Custom Built In Place, Add	*54.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0236	EA	12" Vanity Drawer Base, 3 Drawer	186.79	24.33
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*60.11*	
		For Custom Built In Place, Add	*39.40*	
06 41 13 00-0237	EA	15" Vanity Drawer Base, 3 Drawer	207.38	28.47
		For Plastic Laminate On Particle Board, Deduct	*-52.65*	
		For Economy Grade, Deduct	*-30.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.04*	
		For High Grade, Add	*15.04*	
		For Higher Grade, Add	*30.09*	
		For Deluxe Grade, Add	*60.18*	
		For Custom Deluxe Grade, Add	*65.87*	
		For Custom Built In Place, Add	*43.30*	
06 41 13 00-0238	EA	18" Vanity Drawer Base, 3 Drawer	228.00	32.60
		For Plastic Laminate On Particle Board, Deduct	*-56.97*	
		For Economy Grade, Deduct	*-32.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.28*	
		For High Grade, Add	*16.28*	
		For Higher Grade, Add	*32.56*	
		For Deluxe Grade, Add	*65.11*	
		For Custom Deluxe Grade, Add	*71.63*	
		For Custom Built In Place, Add	*47.22*	
06 41 13 00-0239	EA	21" Vanity Drawer Base, 3 Drawer	247.67	36.28
		For Plastic Laminate On Particle Board, Deduct	*-61.29*	
		For Economy Grade, Deduct	*-35.02*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.51*	
		For High Grade, Add	*17.51*	
		For Higher Grade, Add	*35.02*	
		For Deluxe Grade, Add	*70.04*	
		For Custom Deluxe Grade, Add	*77.30*	
		For Custom Built In Place, Add	*51.03*	
06 41 13 00-0240	EA	24" Vanity Drawer Base, 3 Drawer	261.84	37.19
		For Plastic Laminate On Particle Board, Deduct	*-65.60*	
		For Economy Grade, Deduct	*-37.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.74*	
		For High Grade, Add	*18.74*	
		For Higher Grade, Add	*37.49*	
		For Deluxe Grade, Add	*74.98*	
		For Custom Deluxe Grade, Add	*82.42*	
		For Custom Built In Place, Add	*54.30*	
06 41 13 00-0241	EA	12" Vanity Base Cabinet	135.00	24.33
		For Plastic Laminate On Particle Board, Deduct	*-30.21*	
		For Economy Grade, Deduct	*-17.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.63*	
		For High Grade, Add	*8.63*	
		For Higher Grade, Add	*17.26*	
		For Deluxe Grade, Add	*34.53*	
		For Custom Deluxe Grade, Add	*39.40*	
		For Custom Built In Place, Add	*26.45*	
06 41 13 00-0242	EA	15" Vanity Base Cabinet	145.73	28.47
		For Plastic Laminate On Particle Board, Deduct	*-31.08*	
		For Economy Grade, Deduct	*-17.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.88*	
		For High Grade, Add	*8.88*	
		For Higher Grade, Add	*17.76*	
		For Deluxe Grade, Add	*35.52*	
		For Custom Deluxe Grade, Add	*41.21*	
		For Custom Built In Place, Add	*27.89*	
06 41 13 00-0243	EA	18" Vanity Base Cabinet	156.47	32.60
		For Plastic Laminate On Particle Board, Deduct	*-31.94*	
		For Economy Grade, Deduct	*-18.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.13*	
		For High Grade, Add	*9.13*	
		For Higher Grade, Add	*18.25*	
		For Deluxe Grade, Add	*36.50*	
		For Custom Deluxe Grade, Add	*43.02*	
		For Custom Built In Place, Add	*29.33*	
06 41 13 00-0244	EA	21" Vanity Base Cabinet	173.68	36.28
		For Plastic Laminate On Particle Board, Deduct	*-35.39*	
		For Economy Grade, Deduct	*-20.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.11*	
		For High Grade, Add	*10.11*	
		For Higher Grade, Add	*20.22*	
		For Deluxe Grade, Add	*40.45*	
		For Custom Deluxe Grade, Add	*47.70*	
		For Custom Built In Place, Add	*32.54*	
06 41 13 00-0245	EA	24" Vanity Base Cabinet	180.45	37.19
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		For Economy Grade, Deduct	*-21.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.61*	
		For High Grade, Add	*10.61*	
		For Higher Grade, Add	*21.21*	
		For Deluxe Grade, Add	*42.42*	
		For Custom Deluxe Grade, Add	*49.86*	
		For Custom Built In Place, Add	*33.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0246	EA	24" Vanity Base Cabinet, 2 Drawer	187.85	37.19
		For Plastic Laminate On Particle Board, Deduct	*-39.71*	
		For Economy Grade, Deduct	*-22.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.35*	
		For High Grade, Add	*11.35*	
		For Higher Grade, Add	*22.69*	
		For Deluxe Grade, Add	*45.38*	
		For Custom Deluxe Grade, Add	*52.82*	
		For Custom Built In Place, Add	*35.80*	
06 41 13 00-0247	EA	27" Vanity Base Cabinet	200.15	39.03
		For Plastic Laminate On Particle Board, Deduct	*-42.73*	
		For Economy Grade, Deduct	*-24.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.21*	
		For High Grade, Add	*12.21*	
		For Higher Grade, Add	*24.42*	
		For Deluxe Grade, Add	*48.83*	
		For Custom Deluxe Grade, Add	*56.64*	
		For Custom Built In Place, Add	*38.33*	
06 41 13 00-0248	EA	30" Vanity Base Cabinet	222.61	42.25
		For Plastic Laminate On Particle Board, Deduct	*-48.34*	
		For Economy Grade, Deduct	*-27.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.81*	
		For High Grade, Add	*13.81*	
		For Higher Grade, Add	*27.62*	
		For Deluxe Grade, Add	*55.24*	
		For Custom Deluxe Grade, Add	*63.69*	
		For Custom Built In Place, Add	*42.98*	
06 41 13 00-0249	EA	33" Vanity Base Cabinet	237.41	42.25
		For Plastic Laminate On Particle Board, Deduct	*-53.52*	
		For Economy Grade, Deduct	*-30.58*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.29*	
		For High Grade, Add	*15.29*	
		For Higher Grade, Add	*30.58*	
		For Deluxe Grade, Add	*61.16*	
		For Custom Deluxe Grade, Add	*69.61*	
		For Custom Built In Place, Add	*46.68*	
06 41 13 00-0250	EA	36" Vanity Base Cabinet	256.48	45.00
		For Plastic Laminate On Particle Board, Deduct	*-58.26*	
		For Economy Grade, Deduct	*-33.29*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.65*	
		For High Grade, Add	*16.65*	
		For Higher Grade, Add	*33.29*	
		For Deluxe Grade, Add	*66.59*	
		For Custom Deluxe Grade, Add	*75.59*	
		For Custom Built In Place, Add	*50.62*	
06 41 13 00-0251	EA	24" x 36" x 8" Toilet Topper	199.98	28.47
		For Plastic Laminate On Particle Board, Deduct	*-50.06*	
		For Economy Grade, Deduct	*-28.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.30*	
		For High Grade, Add	*14.30*	
		For Higher Grade, Add	*28.61*	
		For Deluxe Grade, Add	*57.22*	
		For Custom Deluxe Grade, Add	*62.91*	
		For Custom Built In Place, Add	*41.45*	
06 41 13 00-0252	EA	18" x 16" Full Height Vanity	144.15	32.60
		For Plastic Laminate On Particle Board, Deduct	*-27.62*	
		For Economy Grade, Deduct	*-15.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.89*	
		For High Grade, Add	*7.89*	
		For Higher Grade, Add	*15.78*	
		For Deluxe Grade, Add	*31.57*	
		For Custom Deluxe Grade, Add	*38.09*	
		For Custom Built In Place, Add	*26.25*	
06 41 13 00-0253	EA	54" Combo Vanity For 2 Sinks	318.59	56.94
		For Plastic Laminate On Particle Board, Deduct	*-71.65*	
		For Economy Grade, Deduct	*-40.94*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.47*	
		For High Grade, Add	*20.47*	
		For Higher Grade, Add	*40.94*	
		For Deluxe Grade, Add	*81.88*	
		For Custom Deluxe Grade, Add	*93.27*	
		For Custom Built In Place, Add	*62.56*	
06 41 13 00-0254	EA	60" Combo Vanity For 2 Sinks	336.09	61.99
		For Plastic Laminate On Particle Board, Deduct	*-74.24*	
		For Economy Grade, Deduct	*-42.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.42*	
		For Deluxe Grade, Add	*84.84*	
		For Custom Deluxe Grade, Add	*97.24*	
		For Custom Built In Place, Add	*65.42*	
06 41 13 00-0255	EA	48" Combo Vanity With Drawer Base Each End	366.42	53.72
		For Plastic Laminate On Particle Board, Deduct	*-90.64*	
		For Economy Grade, Deduct	*-51.79*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.90*	
		For High Grade, Add	*25.90*	
		For Higher Grade, Add	*51.79*	
		For Deluxe Grade, Add	*103.58*	
		For Custom Deluxe Grade, Add	*114.33*	
		For Custom Built In Place, Add	*75.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0256	EA	54" Combo Vanity With Drawer Base Each End	387.65	56.94
		For Plastic Laminate On Particle Board, Deduct	*-95.82*	
		For Economy Grade, Deduct	*-54.75*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.38*	
		For High Grade, Add	*27.38*	
		For Higher Grade, Add	*54.75*	
		For Deluxe Grade, Add	*109.50*	
		For Custom Deluxe Grade, Add	*120.89*	
		For Custom Built In Place, Add	*79.83*	
06 41 13 00-0257	EA	60" Combo Vanity With Drawer Base Each End	417.18	60.61
		For Plastic Laminate On Particle Board, Deduct	*-103.58*	
		For Economy Grade, Deduct	*-59.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.60*	
		For High Grade, Add	*29.60*	
		For Higher Grade, Add	*59.19*	
		For Deluxe Grade, Add	*118.38*	
		For Custom Deluxe Grade, Add	*130.50*	
		For Custom Built In Place, Add	*86.11*	
06 41 13 00-0258	EA	66" Combo Vanity With Drawer Base Each End	434.74	61.99
		For Plastic Laminate On Particle Board, Deduct	*-108.76*	
		For Economy Grade, Deduct	*-62.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.08*	
		For High Grade, Add	*31.08*	
		For Higher Grade, Add	*62.15*	
		For Deluxe Grade, Add	*124.30*	
		For Custom Deluxe Grade, Add	*136.70*	
		For Custom Built In Place, Add	*90.09*	
06 41 13 00-0259	EA	72" Combo Vanity With Drawer Base Each End	451.66	64.29
		For Plastic Laminate On Particle Board, Deduct	*-113.08*	
		For Economy Grade, Deduct	*-64.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.31*	
		For High Grade, Add	*32.31*	
		For Higher Grade, Add	*64.62*	
		For Deluxe Grade, Add	*129.23*	
		For Custom Deluxe Grade, Add	*142.09*	
		For Custom Built In Place, Add	*93.63*	
06 41 13 00-0260	EA	6" x 30" Wall Quarter Circle Shelf	89.37	24.33
		For Plastic Laminate On Particle Board, Deduct	*-14.24*	
		For Economy Grade, Deduct	*-8.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.07*	
		For High Grade, Add	*4.07*	
		For Higher Grade, Add	*8.14*	
		For Deluxe Grade, Add	*16.28*	
		For Custom Deluxe Grade, Add	*21.14*	
		For Custom Built In Place, Add	*15.04*	
06 41 13 00-0261	EA	6" x 52" Wall Quarter Circle Shelf	105.03	28.47
		For Plastic Laminate On Particle Board, Deduct	*-16.83*	
		For Economy Grade, Deduct	*-9.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.81*	
		For High Grade, Add	*4.81*	
		For Higher Grade, Add	*9.62*	
		For Deluxe Grade, Add	*19.24*	
		For Custom Deluxe Grade, Add	*24.93*	
		For Custom Built In Place, Add	*17.72*	
06 41 13 00-0262	EA	12" x 96", 3/4" Utility Shelf	38.44	6.89
		For Plastic Laminate On Particle Board, Deduct	*-8.63*	
		For Economy Grade, Deduct	*-4.93*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.47*	
		For High Grade, Add	*2.47*	
		For Higher Grade, Add	*4.93*	
		For Deluxe Grade, Add	*9.86*	
		For Custom Deluxe Grade, Add	*11.24*	
		For Custom Built In Place, Add	*7.54*	
06 41 13 00-0263	EA	24" x 96", 3/4" Utility Shelf	63.11	6.89
		For Plastic Laminate On Particle Board, Deduct	*-17.27*	
		For Economy Grade, Deduct	*-9.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.93*	
		For High Grade, Add	*4.93*	
		For Higher Grade, Add	*9.87*	
		For Deluxe Grade, Add	*19.73*	
		For Custom Deluxe Grade, Add	*21.11*	
		For Custom Built In Place, Add	*13.71*	
06 41 13 00-0264	EA	9" x 9" Shelf Brace Support	33.17	9.18
		For Plastic Laminate On Particle Board, Deduct	*-5.18*	
		For Economy Grade, Deduct	*-2.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.48*	
		For High Grade, Add	*1.48*	
		For Higher Grade, Add	*2.96*	
		For Deluxe Grade, Add	*5.92*	
		For Custom Deluxe Grade, Add	*7.76*	
		For Custom Built In Place, Add	*5.54*	
06 41 13 00-0265	EA	24" Wall Decorator End Panels	49.20	9.18
		For Plastic Laminate On Particle Board, Deduct	*-10.79*	
		For Economy Grade, Deduct	*-6.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
		For High Grade, Add	*3.08*	
		For Higher Grade, Add	*6.17*	
		For Deluxe Grade, Add	*12.33*	
		For Custom Deluxe Grade, Add	*14.17*	
		For Custom Built In Place, Add	*9.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0266	EA	30" Wall Decorator End Panels	51.03	10.11
		For Plastic Laminate On Particle Board, Deduct	*-10.79*	
		For Economy Grade, Deduct	*-6.17*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.08*	
		For High Grade, Add	*3.08*	
		For Higher Grade, Add	*6.17*	
		For Deluxe Grade, Add	*12.33*	
		For Custom Deluxe Grade, Add	*14.35*	
		For Custom Built In Place, Add	*9.73*	
06 41 13 00-0267	EA	42" Wall Decorator End Panels	59.94	11.48
		For Plastic Laminate On Particle Board, Deduct	*-12.95*	
		For Economy Grade, Deduct	*-7.40*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.70*	
		For High Grade, Add	*3.70*	
		For Higher Grade, Add	*7.40*	
		For Deluxe Grade, Add	*14.80*	
		For Custom Deluxe Grade, Add	*17.09*	
		For Custom Built In Place, Add	*11.54*	
06 41 13 00-0268	EA	24" Wine Glass Stem Holder	46.92	17.91
		For Plastic Laminate On Particle Board, Deduct	*-3.89*	
		For Economy Grade, Deduct	*-2.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
		For High Grade, Add	*1.11*	
		For Higher Grade, Add	*2.22*	
		For Deluxe Grade, Add	*4.44*	
		For Custom Deluxe Grade, Add	*8.02*	
		For Custom Built In Place, Add	*6.36*	
06 41 13 00-0269	EA	30" Wine Glass Stem Holder	82.04	18.82
		For Plastic Laminate On Particle Board, Deduct	*-15.54*	
		For Economy Grade, Deduct	*-8.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.44*	
		For High Grade, Add	*4.44*	
		For Higher Grade, Add	*8.88*	
		For Deluxe Grade, Add	*17.76*	
		For Custom Deluxe Grade, Add	*21.52*	
		For Custom Built In Place, Add	*14.86*	
06 41 13 00-0270	EA	36" Wine Glass Stem Holder	83.88	19.75
		For Plastic Laminate On Particle Board, Deduct	*-15.54*	
		For Economy Grade, Deduct	*-8.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.44*	
		For High Grade, Add	*4.44*	
		For Higher Grade, Add	*8.88*	
		For Deluxe Grade, Add	*17.76*	
		For Custom Deluxe Grade, Add	*21.71*	
		For Custom Built In Place, Add	*15.05*	
06 41 13 00-0271	EA	36" Scalloped Valance	29.47	9.18
		For Plastic Laminate On Particle Board, Deduct	*-3.89*	
		For Economy Grade, Deduct	*-2.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
		For High Grade, Add	*1.11*	
		For Higher Grade, Add	*2.22*	
		For Deluxe Grade, Add	*4.44*	
		For Custom Deluxe Grade, Add	*6.28*	
		For Custom Built In Place, Add	*4.61*	
06 41 13 00-0272	EA	48" Scalloped Valance	31.93	9.18
		For Plastic Laminate On Particle Board, Deduct	*-4.75*	
		For Economy Grade, Deduct	*-2.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.36*	
		For High Grade, Add	*1.36*	
		For Higher Grade, Add	*2.71*	
		For Deluxe Grade, Add	*5.42*	
		For Custom Deluxe Grade, Add	*7.26*	
		For Custom Built In Place, Add	*5.23*	
06 41 13 00-0273	EA	60" Scalloped Valance	38.10	9.18
		For Plastic Laminate On Particle Board, Deduct	*-6.91*	
		For Economy Grade, Deduct	*-3.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.97*	
		For High Grade, Add	*1.97*	
		For Higher Grade, Add	*3.95*	
		For Deluxe Grade, Add	*7.89*	
		For Custom Deluxe Grade, Add	*9.73*	
		For Custom Built In Place, Add	*6.77*	
06 41 13 00-0274	EA	72" Scalloped Valance	45.50	9.18
		For Plastic Laminate On Particle Board, Deduct	*-9.50*	
		For Economy Grade, Deduct	*-5.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.71*	
		For High Grade, Add	*2.71*	
		For Higher Grade, Add	*5.43*	
		For Deluxe Grade, Add	*10.85*	
		For Custom Deluxe Grade, Add	*12.69*	
		For Custom Built In Place, Add	*8.62*	
06 41 13 00-0275	EA	36" Straight Valance	29.47	9.18
		For Plastic Laminate On Particle Board, Deduct	*-3.89*	
		For Economy Grade, Deduct	*-2.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.11*	
		For High Grade, Add	*1.11*	
		For Higher Grade, Add	*2.22*	
		For Deluxe Grade, Add	*4.44*	
		For Custom Deluxe Grade, Add	*6.28*	
		For Custom Built In Place, Add	*4.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0276	EA	48" Straight Valance	31.93	9.18
		For Plastic Laminate On Particle Board, Deduct	*-4.75*	
		For Economy Grade, Deduct	*-2.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.36*	
		For High Grade, Add	*1.36*	
		For Higher Grade, Add	*2.71*	
		For Deluxe Grade, Add	*5.42*	
		For Custom Deluxe Grade, Add	*7.26*	
		For Custom Built In Place, Add	*5.23*	
06 41 13 00-0277	EA	60" Straight Valance	38.10	9.18
		For Plastic Laminate On Particle Board, Deduct	*-6.91*	
		For Economy Grade, Deduct	*-3.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-1.97*	
		For High Grade, Add	*1.97*	
		For Higher Grade, Add	*3.95*	
		For Deluxe Grade, Add	*7.89*	
		For Custom Deluxe Grade, Add	*9.73*	
		For Custom Built In Place, Add	*6.77*	
06 41 13 00-0278	EA	72" Straight Valance	45.50	9.18
		For Plastic Laminate On Particle Board, Deduct	*-9.50*	
		For Economy Grade, Deduct	*-5.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.71*	
		For High Grade, Add	*2.71*	
		For Higher Grade, Add	*5.43*	
		For Deluxe Grade, Add	*10.85*	
		For Custom Deluxe Grade, Add	*12.69*	
		For Custom Built In Place, Add	*8.62*	

06 41 13 00-0279 Wood-Veneer Faced Cabinets *(06 41 13)*

Note: AWI Custom Grade, good quality mill-made modular units, prefinished with solid hardwood face frames, hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs (1/8" vinyl laminated plywood), vinyl laminated cabinet interiors, vinyl laminated composition drawer bodies with nylon and metal guides. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves. Use appropriate modifiers for the following grades: Economy Grade - Cabinets with melamine laminated to particleboard, in textured colors or wood grain print finish; Premium Grade - Cabinets with solid hardwood fronts and frames, mitered corners and solid wood drawer bodies with steel guides and ball bearings; Laboratory Grade - Cabinets with chemical resistant finish on premium grade.

06 41 13 00-0280 Base Cabinets *(06 41 13 00-0279)*

Note: Excludes tops or finish.

06 41 13 00-0281 Base Cabinets, Single Drawer And Single Door *(06 41 13 00-0280)*

06 41 13 00-0282 Base Cabinets 34-1/2" High x 24" Deep *(06 41 13 00-0281)*

06 41 13 00-0283	EA	Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	291.75	52.36
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*43.42*	
		For 3 Drawer Unit, Add	*86.84*	
		For 4 Drawer Unit, Add	*108.55*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-43.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.71*	
		For Economy Grade, Deduct	*-86.84*	
		For Premium Grade, Add	*108.55*	
		For Hospital Grade, Add	*141.11*	
		For Unfinished (Natural, Wood), Deduct	*-32.56*	
06 41 13 00-0284	EA	>15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	323.65	64.31
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*46.41*	
		For 3 Drawer Unit, Add	*92.83*	
		For 4 Drawer Unit, Add	*116.04*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-46.41*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.21*	
		For Economy Grade, Deduct	*-92.83*	
		For Premium Grade, Add	*116.04*	
		For Hospital Grade, Add	*150.85*	
		For Unfinished (Natural, Wood), Deduct	*-34.81*	
06 41 13 00-0285	EA	>18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	348.03	73.50
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*48.66*	
		For 3 Drawer Unit, Add	*97.32*	
		For 4 Drawer Unit, Add	*121.65*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-48.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.33*	
		For Economy Grade, Deduct	*-97.32*	
		For Premium Grade, Add	*121.65*	
		For Hospital Grade, Add	*158.15*	
		For Unfinished (Natural, Wood), Deduct	*-36.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0286	EA	>21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet	398.98	85.44
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*55.45*	
		For 3 Drawer Unit, Add	*110.90*	
		For 4 Drawer Unit, Add	*138.63*	
		For Plastic Laminate On Particle Board, Deduct	*-55.45*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.73*	
		For Economy Grade, Deduct	*-110.90*	
		For Premium Grade, Add	*138.63*	
		For Hospital Grade, Add	*180.22*	
		For Unfinished (Natural, Wood), Deduct	*-41.59*	
06 41 13 00-0287		Base Cabinets 30" High x 24" Deep *(06 41 13 00-0281)*		
06 41 13 00-0288	EA	Up To 15" Width, 30" High x 24" Deep Base Cabinet	259.19	52.36
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*36.91*	
		For 3 Drawer Unit, Add	*73.81*	
		For 4 Drawer Unit, Add	*92.27*	
		For Plastic Laminate On Particle Board, Deduct	*-36.91*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.45*	
		For Economy Grade, Deduct	*-73.81*	
		For Premium Grade, Add	*92.27*	
		For Hospital Grade, Add	*119.94*	
		For Unfinished (Natural, Wood), Deduct	*-27.68*	
06 41 13 00-0289	EA	>15" To 18" Width, 30" High x 24" Deep Base Cabinet	288.84	64.31
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*39.45*	
		For 3 Drawer Unit, Add	*78.90*	
		For 4 Drawer Unit, Add	*98.63*	
		For Plastic Laminate On Particle Board, Deduct	*-39.45*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.73*	
		For Economy Grade, Deduct	*-78.90*	
		For Premium Grade, Add	*98.63*	
		For Hospital Grade, Add	*128.22*	
		For Unfinished (Natural, Wood), Deduct	*-29.59*	
06 41 13 00-0290	EA	>18" To 21" Width, 30" High x 24" Deep Base Cabinet	311.53	73.50
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*41.36*	
		For 3 Drawer Unit, Add	*82.72*	
		For 4 Drawer Unit, Add	*103.40*	
		For Plastic Laminate On Particle Board, Deduct	*-41.36*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.68*	
		For Economy Grade, Deduct	*-82.72*	
		For Premium Grade, Add	*103.40*	
		For Hospital Grade, Add	*134.42*	
		For Unfinished (Natural, Wood), Deduct	*-31.02*	
06 41 13 00-0291	EA	>21" To 24" Width, 30" High x 24" Deep Base Cabinet	357.39	84.52
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*47.13*	
		For 3 Drawer Unit, Add	*94.27*	
		For 4 Drawer Unit, Add	*117.84*	
		For Plastic Laminate On Particle Board, Deduct	*-47.13*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.57*	
		For Economy Grade, Deduct	*-94.27*	
		For Premium Grade, Add	*117.84*	
		For Hospital Grade, Add	*153.19*	
		For Unfinished (Natural, Wood), Deduct	*-35.35*	
06 41 13 00-0292		Base Cabinets 34-1/2" High x 24" Deep, Custom Built In Place *(06 41 13 00-0281)*		
06 41 13 00-0293	LF	Up To 15" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet	267.38	65.23
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*34.74*	
		For 3 Drawer Unit, Add	*69.47*	
		For 4 Drawer Unit, Add	*86.84*	
		For Plastic Laminate On Particle Board, Deduct	*-34.74*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.37*	
		For Economy Grade, Deduct	*-69.47*	
		For Premium Grade, Add	*86.84*	
		For Hospital Grade, Add	*112.89*	
		For Unfinished (Natural, Wood), Deduct	*-26.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0294	LF	>15" To 18" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet	245.66	63.39
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*30.94*	
		For 3 Drawer Unit, Add	*61.88*	
		For 4 Drawer Unit, Add	*77.36*	
		For Plastic Laminate On Particle Board, Deduct	*-30.94*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.47*	
		For Economy Grade, Deduct	*-61.88*	
		For Premium Grade, Add	*77.36*	
		For Hospital Grade, Add	*100.56*	
		For Unfinished (Natural, Wood), Deduct	*-23.21*	
06 41 13 00-0295	LF	>18" To 24" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet	227.22	61.56
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*27.81*	
		For 3 Drawer Unit, Add	*55.61*	
		For 4 Drawer Unit, Add	*69.52*	
		For Plastic Laminate On Particle Board, Deduct	*-27.81*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.90*	
		For Economy Grade, Deduct	*-55.61*	
		For Premium Grade, Add	*69.52*	
		For Hospital Grade, Add	*90.37*	
		For Unfinished (Natural, Wood), Deduct	*-20.85*	
06 41 13 00-0296	LF	>24" To 30" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet	209.77	58.80
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*25.05*	
		For 3 Drawer Unit, Add	*50.10*	
		For 4 Drawer Unit, Add	*62.63*	
		For Plastic Laminate On Particle Board, Deduct	*-25.05*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.53*	
		For Economy Grade, Deduct	*-50.10*	
		For Premium Grade, Add	*62.63*	
		For Hospital Grade, Add	*81.41*	
		For Unfinished (Natural, Wood), Deduct	*-18.79*	

06 41 13 00-0297 Base Cabinets, Double Drawer And Double Door *(06 41 13 00-0280)*

06 41 13 00-0298 34-1/2" High x 24" Deep *(06 41 13 00-0297)*

06 41 13 00-0299	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	467.45	70.28
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*65.38*	
		For Plastic Laminate On Particle Board, Deduct	*-65.38*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.69*	
		For Economy Grade, Deduct	*-130.76*	
		For Premium Grade, Add	*163.45*	
		For Hospital Grade, Add	*212.48*	
		For Unfinished (Natural, Wood), Deduct	*-49.03*	
		For 3 Drawer Unit, Add	*32.69*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-49.03*	
06 41 13 00-0300	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	498.62	75.34
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*69.59*	
		For Plastic Laminate On Particle Board, Deduct	*-69.59*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.80*	
		For Economy Grade, Deduct	*-139.18*	
		For Premium Grade, Add	*173.98*	
		For Hospital Grade, Add	*226.17*	
		For Unfinished (Natural, Wood), Deduct	*-52.19*	
		For 3 Drawer Unit, Add	*34.80*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-52.19*	
06 41 13 00-0301	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet	518.66	77.17
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*72.86*	
		For Plastic Laminate On Particle Board, Deduct	*-72.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.43*	
		For Economy Grade, Deduct	*-145.73*	
		For Premium Grade, Add	*182.16*	
		For Hospital Grade, Add	*236.81*	
		For Unfinished (Natural, Wood), Deduct	*-54.65*	
		For 3 Drawer Unit, Add	*36.43*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-54.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0302	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	532.32	79.01
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*74.86*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-74.86*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.43*	
		For Economy Grade, Deduct	*-149.72*	
		For Premium Grade, Add	*187.15*	
		For Hospital Grade, Add	*243.30*	
		For Unfinished (Natural, Wood), Deduct	*-56.15*	
		For 3 Drawer Unit, Add	*37.43*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-56.15*	
06 41 13 00-0303	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	570.13	85.44
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*79.85*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-79.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.93*	
		For Economy Grade, Deduct	*-159.70*	
		For Premium Grade, Add	*199.63*	
		For Hospital Grade, Add	*259.51*	
		For Unfinished (Natural, Wood), Deduct	*-59.89*	
		For 3 Drawer Unit, Add	*39.93*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-59.89*	
06 41 13 00-0304	EA	>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	610.91	96.46
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*83.59*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-83.59*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.80*	
		For Economy Grade, Deduct	*-167.19*	
		For Premium Grade, Add	*208.99*	
		For Hospital Grade, Add	*271.68*	
		For Unfinished (Natural, Wood), Deduct	*-62.70*	
		For 3 Drawer Unit, Add	*41.80*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-62.70*	

06 41 13 00-0305 30" High x 24" Deep *(06 41 13 00-0297)*

06 41 13 00-0306	EA	24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	329.31	95.18
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*38.54*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-38.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.27*	
		For Economy Grade, Deduct	*-77.07*	
		For Premium Grade, Add	*96.34*	
		For Hospital Grade, Add	*125.24*	
		For Unfinished (Natural, Wood), Deduct	*-28.90*	
		For 3 Drawer Unit, Add	*19.27*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-28.90*	
06 41 13 00-0307	EA	30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	460.37	106.11
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*61.95*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-61.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.98*	
		For Economy Grade, Deduct	*-123.91*	
		For Premium Grade, Add	*154.89*	
		For Hospital Grade, Add	*201.35*	
		For Unfinished (Natural, Wood), Deduct	*-46.47*	
		For 3 Drawer Unit, Add	*30.98*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-46.47*	
06 41 13 00-0308	EA	36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	529.68	109.97
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*74.26*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-74.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.13*	
		For Economy Grade, Deduct	*-148.51*	
		For Premium Grade, Add	*185.64*	
		For Hospital Grade, Add	*241.33*	
		For Unfinished (Natural, Wood), Deduct	*-55.69*	
		For 3 Drawer Unit, Add	*37.13*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-55.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0309	EA	42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	629.83	119.61
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*91.79*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-91.79*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-45.89*	
		For Economy Grade, Deduct	*-183.58*	
		For Premium Grade, Add	*229.47*	
		For Hospital Grade, Add	*298.31*	
		For Unfinished (Natural, Wood), Deduct	*-68.84*	
		For 3 Drawer Unit, Add	*45.89*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-68.84*	
06 41 13 00-0310	EA	48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	714.50	135.05
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*104.31*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-104.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-52.16*	
		For Economy Grade, Deduct	*-208.63*	
		For Premium Grade, Add	*260.79*	
		For Hospital Grade, Add	*339.02*	
		For Unfinished (Natural, Wood), Deduct	*-78.24*	
		For 3 Drawer Unit, Add	*52.16*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-78.24*	
06 41 13 00-0311		34-1/2" High x 24" Deep, Custom Built In Place *(06 41 13 00-0297)*		
06 41 13 00-0312	LF	24" To 30" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	229.21	63.39
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*27.84*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-27.84*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.92*	
		For Economy Grade, Deduct	*-55.67*	
		For Premium Grade, Add	*69.59*	
		For Hospital Grade, Add	*90.47*	
		For Unfinished (Natural, Wood), Deduct	*-20.88*	
		For 3 Drawer Unit, Add	*13.92*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-20.88*	
06 41 13 00-0313	LF	>30" To 36" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	207.59	57.88
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*24.98*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-24.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.49*	
		For Economy Grade, Deduct	*-49.96*	
		For Premium Grade, Add	*62.46*	
		For Hospital Grade, Add	*81.19*	
		For Unfinished (Natural, Wood), Deduct	*-18.74*	
		For 3 Drawer Unit, Add	*12.49*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-18.74*	
06 41 13 00-0314	LF	>36" To 42" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	191.26	54.20
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*22.82*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-22.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.41*	
		For Economy Grade, Deduct	*-45.64*	
		For Premium Grade, Add	*57.05*	
		For Hospital Grade, Add	*74.16*	
		For Unfinished (Natural, Wood), Deduct	*-17.11*	
		For 3 Drawer Unit, Add	*11.41*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-17.11*	
06 41 13 00-0315	LF	>42" To 48" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	178.03	51.45
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*20.91*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-20.91*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.45*	
		For Economy Grade, Deduct	*-41.81*	
		For Premium Grade, Add	*52.27*	
		For Hospital Grade, Add	*67.94*	
		For Unfinished (Natural, Wood), Deduct	*-15.68*	
		For 3 Drawer Unit, Add	*10.45*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-15.68*	
06 41 13 00-0316		Vanity Bases *(06 41 13 00-0280)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0317	EA	30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	368.14	68.36
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*46.30*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-46.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.15*	
		For Economy Grade, Deduct	*-92.60*	
		For Premium Grade, Add	*115.76*	
		For Hospital Grade, Add	*150.48*	
		For Unfinished (Natural, Wood), Deduct	*-34.73*	
06 41 13 00-0318	EA	30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	416.77	76.07
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*53.23*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-53.23*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.62*	
		For Economy Grade, Deduct	*-106.47*	
		For Premium Grade, Add	*133.09*	
		For Hospital Grade, Add	*173.01*	
		For Unfinished (Natural, Wood), Deduct	*-39.93*	
06 41 13 00-0319	EA	30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	514.68	79.19
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*71.26*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-71.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.63*	
		For Economy Grade, Deduct	*-142.51*	
		For Premium Grade, Add	*178.14*	
		For Hospital Grade, Add	*231.58*	
		For Unfinished (Natural, Wood), Deduct	*-53.44*	
06 41 13 00-0320	EA	30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	615.66	96.46
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*84.56*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-84.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-42.28*	
		For Economy Grade, Deduct	*-169.13*	
		For Premium Grade, Add	*211.41*	
		For Hospital Grade, Add	*274.83*	
		For Unfinished (Natural, Wood), Deduct	*-63.42*	

06 41 13 00-0321 Wall Cabinets *(06 41 13 00-0279)*

06 41 13 00-0322 Wall Cabinets 36" High x 13" Deep *(06 41 13 00-0321)*

06 41 13 00-0323 Single Door Type Units *(06 41 13 00-0322)*

06 41 13 00-0324	EA	Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	251.30	66.14
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-33.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.86*	
		For Economy Grade, Deduct	*-67.45*	
		For Premium Grade, Add	*84.32*	
		For Hospital Grade, Add	*109.61*	
		For Unfinished (Natural, Wood), Deduct	*-25.29*	
06 41 13 00-0325	EA	>15" To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	281.03	67.52
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-39.32*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.66*	
		For Economy Grade, Deduct	*-78.63*	
		For Premium Grade, Add	*98.29*	
		For Hospital Grade, Add	*127.78*	
		For Unfinished (Natural, Wood), Deduct	*-29.49*	
06 41 13 00-0326	EA	>18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	312.02	69.82
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-44.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.46*	
		For Economy Grade, Deduct	*-89.83*	
		For Premium Grade, Add	*112.29*	
		For Hospital Grade, Add	*145.98*	
		For Unfinished (Natural, Wood), Deduct	*-33.69*	
06 41 13 00-0327	EA	>24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	364.35	75.34
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-53.90*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.95*	
		For Economy Grade, Deduct	*-107.80*	
		For Premium Grade, Add	*134.75*	
		For Hospital Grade, Add	*175.18*	
		For Unfinished (Natural, Wood), Deduct	*-40.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0328		Double Door Type Units *(06 41 13 00-0322)*		
06 41 13 00-0329	EA	Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet	322.45	77.17
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-44.98*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.49*	
		For Economy Grade, Deduct	*-89.96*	
		For Premium Grade, Add	*112.46*	
		For Hospital Grade, Add	*146.19*	
		For Unfinished (Natural, Wood), Deduct	*-33.74*	
06 41 13 00-0330	EA	>24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet	377.66	84.52
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-54.50*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.25*	
		For Economy Grade, Deduct	*-109.00*	
		For Premium Grade, Add	*136.25*	
		For Hospital Grade, Add	*177.12*	
		For Unfinished (Natural, Wood), Deduct	*-40.87*	
06 41 13 00-0331	EA	>30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet	419.23	86.36
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-62.28*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.14*	
		For Economy Grade, Deduct	*-124.57*	
		For Premium Grade, Add	*155.71*	
		For Hospital Grade, Add	*202.42*	
		For Unfinished (Natural, Wood), Deduct	*-46.71*	
06 41 13 00-0332	EA	>36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet	453.54	89.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-68.27*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.14*	
		For Economy Grade, Deduct	*-136.54*	
		For Premium Grade, Add	*170.68*	
		For Hospital Grade, Add	*221.88*	
		For Unfinished (Natural, Wood), Deduct	*-51.20*	
06 41 13 00-0333	EA	>42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet	502.57	93.70
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-76.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.48*	
		For Economy Grade, Deduct	*-153.91*	
		For Premium Grade, Add	*192.39*	
		For Hospital Grade, Add	*250.11*	
		For Unfinished (Natural, Wood), Deduct	*-57.72*	
06 41 13 00-0334		Wall Cabinets 30" High x 13" Deep *(06 41 13 00-0321)*		
06 41 13 00-0335		Single Door Type Units *(06 41 13 00-0334)*		
06 41 13 00-0336	EA	Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet	198.34	52.24
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-26.45*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.23*	
		For Economy Grade, Deduct	*-52.90*	
		For Premium Grade, Add	*66.13*	
		For Hospital Grade, Add	*85.96*	
		For Unfinished (Natural, Wood), Deduct	*-19.84*	
06 41 13 00-0337	EA	>12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet	223.61	54.50
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.94*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.47*	
		For Economy Grade, Deduct	*-61.88*	
		For Premium Grade, Add	*77.36*	
		For Hospital Grade, Add	*100.56*	
		For Unfinished (Natural, Wood), Deduct	*-23.21*	
06 41 13 00-0338	EA	>15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet	241.32	55.65
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-34.19*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.09*	
		For Economy Grade, Deduct	*-68.37*	
		For Premium Grade, Add	*85.47*	
		For Hospital Grade, Add	*111.10*	
		For Unfinished (Natural, Wood), Deduct	*-25.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0339	EA	>18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet	260.02	57.63
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-37.43*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.72*	
		For Economy Grade, Deduct	*-74.86*	
		For Premium Grade, Add	*93.58*	
		For Hospital Grade, Add	*121.65*	
		For Unfinished (Natural, Wood), Deduct	*-28.07*	
06 41 13 00-0340		Double Door Type Units *(06 41 13 00-0334)*		
06 41 13 00-0341	EA	Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet	285.27	58.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-42.17*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.09*	
		For Economy Grade, Deduct	*-84.34*	
		For Premium Grade, Add	*105.43*	
		For Hospital Grade, Add	*137.06*	
		For Unfinished (Natural, Wood), Deduct	*-31.63*	
06 41 13 00-0342	EA	>27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet	303.33	60.31
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-45.42*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.71*	
		For Economy Grade, Deduct	*-90.83*	
		For Premium Grade, Add	*113.54*	
		For Hospital Grade, Add	*147.60*	
		For Unfinished (Natural, Wood), Deduct	*-34.06*	
06 41 13 00-0343	EA	>30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet	337.61	61.77
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-51.90*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.95*	
		For Economy Grade, Deduct	*-103.81*	
		For Premium Grade, Add	*129.76*	
		For Hospital Grade, Add	*168.69*	
		For Unfinished (Natural, Wood), Deduct	*-38.93*	
06 41 13 00-0344	EA	>36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet	364.39	63.21
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-56.89*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.45*	
		For Economy Grade, Deduct	*-113.79*	
		For Premium Grade, Add	*142.24*	
		For Hospital Grade, Add	*184.91*	
		For Unfinished (Natural, Wood), Deduct	*-42.67*	
06 41 13 00-0345	EA	>42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet	401.49	63.94
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-64.13*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.07*	
		For Economy Grade, Deduct	*-128.26*	
		For Premium Grade, Add	*160.33*	
		For Hospital Grade, Add	*208.42*	
		For Unfinished (Natural, Wood), Deduct	*-48.10*	
06 41 13 00-0346		Wall Cabinets 24" High x 13" Deep *(06 41 13 00-0321)*		
06 41 13 00-0347		Double Door Type Units *(06 41 13 00-0346)*		
06 41 13 00-0348	EA	Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet	250.05	47.78
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-37.93*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.97*	
		For Economy Grade, Deduct	*-75.86*	
		For Premium Grade, Add	*94.83*	
		For Hospital Grade, Add	*123.27*	
		For Unfinished (Natural, Wood), Deduct	*-28.45*	
06 41 13 00-0349	EA	>24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet	266.77	50.07
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-40.67*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.34*	
		For Economy Grade, Deduct	*-81.35*	
		For Premium Grade, Add	*101.69*	
		For Hospital Grade, Add	*132.19*	
		For Unfinished (Natural, Wood), Deduct	*-30.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0350	EA	>30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	289.74	51.54
		For Plastic Laminate On Particle Board, Deduct	*-44.92*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.46*	
		For Economy Grade, Deduct	*-89.83*	
		For Premium Grade, Add	*112.29*	
		For Hospital Grade, Add	*145.98*	
		For Unfinished (Natural, Wood), Deduct	*-33.69*	
06 41 13 00-0351	EA	>36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	314.43	52.36
		For Plastic Laminate On Particle Board, Deduct	*-49.66*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.83*	
		For Economy Grade, Deduct	*-99.32*	
		For Premium Grade, Add	*124.15*	
		For Hospital Grade, Add	*161.39*	
		For Unfinished (Natural, Wood), Deduct	*-37.24*	

06 41 13 00-0352 Wall Cabinets 15" High x 13" Deep *(06 41 13 00-0321)*

06 41 13 00-0353 Double Door Type Units *(06 41 13 00-0352)*

06 41 13 00-0354	EA	Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	221.52	41.98
		For Plastic Laminate On Particle Board, Deduct	*-33.69*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.84*	
		For Economy Grade, Deduct	*-67.38*	
		For Premium Grade, Add	*84.22*	
		For Hospital Grade, Add	*109.49*	
		For Unfinished (Natural, Wood), Deduct	*-25.27*	
06 41 13 00-0355	EA	>24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	234.13	45.02
		For Plastic Laminate On Particle Board, Deduct	*-35.43*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.72*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade, Add	*88.59*	
		For Hospital Grade, Add	*115.16*	
		For Unfinished (Natural, Wood), Deduct	*-26.58*	
06 41 13 00-0356	EA	>30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	258.55	51.54
		For Plastic Laminate On Particle Board, Deduct	*-38.68*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.34*	
		For Economy Grade, Deduct	*-77.36*	
		For Premium Grade, Add	*96.70*	
		For Hospital Grade, Add	*125.70*	
		For Unfinished (Natural, Wood), Deduct	*-29.01*	
06 41 13 00-0357	EA	>36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	278.56	51.54
		For Plastic Laminate On Particle Board, Deduct	*-42.67*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.34*	
		For Economy Grade, Deduct	*-85.34*	
		For Premium Grade, Add	*106.68*	
		For Hospital Grade, Add	*138.68*	
		For Unfinished (Natural, Wood), Deduct	*-32.00*	

06 41 13 00-0358 Wall Cabinets 12" High x 13" Deep *(06 41 13 00-0321)*

06 41 13 00-0359	EA	18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	208.34	28.29
		For Plastic Laminate On Particle Board, Deduct	*-30.19*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.10*	
		For Economy Grade, Deduct	*-60.39*	
		For Premium Grade, Add	*75.49*	
		For Hospital Grade, Add	*98.13*	
		For Unfinished (Natural, Wood), Deduct	*-22.65*	
06 41 13 00-0360	EA	>30" Wide, 12" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	242.75	21.22
		For Plastic Laminate On Particle Board, Deduct	*-35.43*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.72*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade, Add	*88.59*	
		For Hospital Grade, Add	*115.16*	
		For Unfinished (Natural, Wood), Deduct	*-26.58*	

06 41 13 00-0361 Wall Cabinets 36" High x 13" Deep, Custom Built In Place *(06 41 13 00-0321)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0362		Single Door Type Units *(06 41 13 00-0361)*		
06 41 13 00-0363	LF	Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	234.10	69.82
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-26.98*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.49*	
		For Economy Grade, Deduct	*-53.96*	
		For Premium Grade, Add	*67.45*	
		For Hospital Grade, Add	*87.68*	
		For Unfinished (Natural, Wood), Deduct	*-20.23*	
06 41 13 00-0364	LF	>15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	215.57	58.80
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-26.21*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.11*	
		For Economy Grade, Deduct	*-52.42*	
		For Premium Grade, Add	*65.53*	
		For Hospital Grade, Add	*85.18*	
		For Unfinished (Natural, Wood), Deduct	*-19.66*	
06 41 13 00-0365	LF	>18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	177.52	45.94
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-22.46*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.23*	
		For Economy Grade, Deduct	*-44.92*	
		For Premium Grade, Add	*56.15*	
		For Hospital Grade, Add	*72.99*	
		For Unfinished (Natural, Wood), Deduct	*-16.84*	
06 41 13 00-0366	LF	>24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	164.81	39.51
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-21.57*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.79*	
		For Economy Grade, Deduct	*-43.14*	
		For Premium Grade, Add	*53.93*	
		For Hospital Grade, Add	*70.10*	
		For Unfinished (Natural, Wood), Deduct	*-16.18*	
06 41 13 00-0367		Double Door Type Units *(06 41 13 00-0361)*		
06 41 13 00-0368	LF	Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	185.93	51.45
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-22.49*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.24*	
		For Economy Grade, Deduct	*-44.97*	
		For Premium Grade, Add	*56.22*	
		For Hospital Grade, Add	*73.08*	
		For Unfinished (Natural, Wood), Deduct	*-16.86*	
06 41 13 00-0369	LF	>24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	171.43	44.10
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-21.79*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.90*	
		For Economy Grade, Deduct	*-43.58*	
		For Premium Grade, Add	*54.48*	
		For Hospital Grade, Add	*70.82*	
		For Unfinished (Natural, Wood), Deduct	*-16.34*	
06 41 13 00-0370	LF	>30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	158.01	37.67
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-20.76*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.38*	
		For Economy Grade, Deduct	*-41.52*	
		For Premium Grade, Add	*51.91*	
		For Hospital Grade, Add	*67.48*	
		For Unfinished (Natural, Wood), Deduct	*-15.57*	
06 41 13 00-0371	LF	>36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	145.31	33.07
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-19.51*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.75*	
		For Economy Grade, Deduct	*-39.01*	
		For Premium Grade, Add	*48.77*	
		For Hospital Grade, Add	*63.39*	
		For Unfinished (Natural, Wood), Deduct	*-14.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0372	LF	>42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	140.31	31.23
		For Plastic Laminate On Particle Board, Deduct	*-19.24*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.62*	
		For Economy Grade, Deduct	*-38.48*	
		For Premium Grade, Add	*48.11*	
		For Hospital Grade, Add	*62.54*	
		For Unfinished (Natural, Wood), Deduct	*-14.43*	

06 41 13 00-0373 Accessories *(06 41 13 00-0279)*

See CSI section 06 41 93 00-0001 for cabinet hardware, 08 71 00 00-0000 for cabinet hardware.

06 41 13 00-0374	EA	Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	341.55	103.31
		For Plastic Laminate On Particle Board, Deduct	*-22.39*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.20*	
		For Economy Grade, Deduct	*-44.78*	
		For Premium Grade, Add	*55.98*	
		For Hospital Grade, Add	*72.77*	
		For Unfinished (Natural, Wood), Deduct	*-16.79*	
06 41 13 00-0375	EA	Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	466.32	82.65
		For Plastic Laminate On Particle Board, Deduct	*-56.53*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.26*	
		For Economy Grade, Deduct	*-113.06*	
		For Premium Grade, Add	*141.32*	
		For Hospital Grade, Add	*183.72*	
		For Unfinished (Natural, Wood), Deduct	*-42.40*	
06 41 13 00-0376	EA	Base Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	546.70	68.88
		For Plastic Laminate On Particle Board, Deduct	*-78.73*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.36*	
		For Economy Grade, Deduct	*-157.46*	
		For Premium Grade, Add	*196.82*	
		For Hospital Grade, Add	*255.87*	
		For Unfinished (Natural, Wood), Deduct	*-59.05*	
06 41 13 00-0377	EA	Broom Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	580.21	59.05
		For Plastic Laminate On Particle Board, Deduct	*-89.80*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-44.90*	
		For Economy Grade, Deduct	*-179.61*	
		For Premium Grade, Add	*224.51*	
		For Hospital Grade, Add	*291.86*	
		For Unfinished (Natural, Wood), Deduct	*-67.35*	
06 41 13 00-0378	EA	Base Corner Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	251.96	41.32
		For Plastic Laminate On Particle Board, Deduct	*-33.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.93*	
		For Economy Grade, Deduct	*-67.72*	
		For Premium Grade, Add	*84.66*	
		For Hospital Grade, Add	*110.05*	
		For Unfinished (Natural, Wood), Deduct	*-25.40*	
06 41 13 00-0379	EA	Base Range Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	236.87	34.44
		For Plastic Laminate On Particle Board, Deduct	*-33.60*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.80*	
		For Economy Grade, Deduct	*-67.20*	
		For Premium Grade, Add	*84.00*	
		For Hospital Grade, Add	*109.19*	
		For Unfinished (Natural, Wood), Deduct	*-25.20*	
06 41 13 00-0380	EA	Double Oven Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	310.64	41.32
		For Plastic Laminate On Particle Board, Deduct	*-45.60*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.80*	
		For Economy Grade, Deduct	*-91.20*	
		For Premium Grade, Add	*114.00*	
		For Hospital Grade, Add	*148.19*	
		For Unfinished (Natural, Wood), Deduct	*-34.20*	
06 41 13 00-0381	EA	Microwave Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	211.10	27.55
		For Plastic Laminate On Particle Board, Deduct	*-31.20*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.60*	
		For Economy Grade, Deduct	*-62.40*	
		For Premium Grade, Add	*78.00*	
		For Hospital Grade, Add	*101.40*	
		For Unfinished (Natural, Wood), Deduct	*-23.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0382	EA	30" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	275.34	52.81
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-33.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.97*	
		For Economy Grade, Deduct	*-67.89*	
		For Premium Grade, Add	*84.87*	
		For Hospital Grade, Add	*110.32*	
		For Unfinished (Natural, Wood), Deduct	*-25.46*	
06 41 13 00-0383	EA	36" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	292.44	52.81
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-37.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.68*	
		For Economy Grade, Deduct	*-74.73*	
		For Premium Grade, Add	*93.42*	
		For Hospital Grade, Add	*121.44*	
		For Unfinished (Natural, Wood), Deduct	*-28.02*	
06 41 13 00-0384	EA	48" Flipper Door And Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	320.80	52.81
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-43.04*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.52*	
		For Economy Grade, Deduct	*-86.08*	
		For Premium Grade, Add	*107.60*	
		For Hospital Grade, Add	*139.87*	
		For Unfinished (Natural, Wood), Deduct	*-32.28*	
06 41 13 00-0385	EA	For Keyed Lock In Door Or Drawer	42.30	
06 41 13 00-0386	SET	Tamper-Proof Screw Sets Per Panel	9.16	
06 41 13 00-0387	EA	Rehab Room Cabinets Note: Includes 2 End Towers 1 Middle Tower With Doors And Drawers, Corian Top With Open Sides, Upper Header With Curved Section, Trim And Crown, Hospital Grade Hardware.	11,694.27	
06 41 13 00-0388	EA	Hoist Cabinet With Panel And Trim	3,566.90	
06 41 13 00-0389	LF	Rehab Room Vertical And Horizontal Wall Trim Note: Stained And Finished	39.28	

06 41 13 00-0390 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*
Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0391	LF	Removal And Reinstallation Of Wood Base Cabinets	70.29	
06 41 13 00-0392	LF	Removal And Reinstallation Of Wall Cabinets	61.11	
06 41 13 00-0393	LF	Removal And Reinstallation Of Plastic Laminated Countertops	14.22	

06 41 93 Cabinet And Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*
Note: Includes all mounting screws.

06 41 93 00-0002	EA	Hinges, Concealed, Steel, Full Or Half Overlay, Self Closing	21.97	9.18
06 41 93 00-0003	EA	Hinges, Semi Concealed, Brass	25.48	9.18
06 41 93 00-0004	EA	Pull Handles, Solid Brass	18.42	7.81
06 41 93 00-0005	EA	Pull Knobs, Solid Brass	17.26	5.97
06 41 93 00-0006	EA	Cabinet Ball And Catch	29.79	9.18
06 41 93 00-0007	EA	Cabinet Drawer Lock For Hollow Metal Drawers	37.25	7.81
06 41 93 00-0008	EA	Door Catch	26.61	7.81
06 41 93 00-0009	EA	Surface Bolt, Solid Brass	36.35	7.81

06 42 Wood Paneling *(06 40)*
Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	7.05	1.93
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	7.36	1.93

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	9.42	1.84
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	8.78	1.84

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	7.98	1.93

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	5.39	1.65

06 42 16 Flush Wood Paneling *(06 42)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0001		Veneer Hardboard Panels *(06 42 16)*		
06 42 16 00-0002	SF	1/4" Veneer Paneling (Mapes)	4.99	1.66
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.13*	
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*		
06 42 16 00-0004		Birch *(06 42 16 00-0003)*		
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	4.42	1.48
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.00*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.22*	
		For Lumber Core, Add	*0.12*	
		For 1/8" Thick Paneling, Deduct	*-0.42*	
		For 1/2" Thick Paneling, Add	*0.99*	
		For 5/8" Thick Paneling, Add	*1.22*	
		For 3/4" Thick Paneling, Add	*1.51*	
		For Fire Retardant Treatment (Class I), Add	*0.86*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	4.49	1.48
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.00*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.22*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.43*	
		For 1/2" Thick Paneling, Add	*1.03*	
		For 5/8" Thick Paneling, Add	*1.27*	
		For 3/4" Thick Paneling, Add	*1.58*	
		For Fire Retardant Treatment (Class I), Add	*0.92*	
06 42 16 00-0007		Knotty Pine *(06 42 16 00-0003)*		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	5.13	1.66
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.50*	
		For 1/2" Thick Paneling, Add	*1.22*	
		For 5/8" Thick Paneling, Add	*1.52*	
		For 3/4" Thick Paneling, Add	*1.90*	
		For Fire Retardant Treatment (Class I), Add	*1.13*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	5.07	1.66
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.49*	
		For 1/2" Thick Paneling, Add	*1.18*	
		For 5/8" Thick Paneling, Add	*1.47*	
		For 3/4" Thick Paneling, Add	*1.84*	
		For Fire Retardant Treatment (Class I), Add	*1.08*	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	5.09	1.85
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.10*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*1.00*	
		For 5/8" Thick Paneling, Add	*1.19*	
		For 3/4" Thick Paneling, Add	*1.44*	
		For Fire Retardant Treatment (Class I), Add	*0.73*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.07	1.85
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.10*	
		For 1/8" Thick Paneling, Deduct	*-0.44*	
		For 1/2" Thick Paneling, Add	*0.99*	
		For 5/8" Thick Paneling, Add	*1.18*	
		For 3/4" Thick Paneling, Add	*1.42*	
		For Fire Retardant Treatment (Class I), Add	*0.71*	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	4.91	1.66
		For Flitch Matched Veneer, Add	*0.61*	
		For Second Grade Veneer, Deduct	*-0.12*	
		For Third Grade Veneer, Deduct	*-0.18*	
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.46*	
		For 1/2" Thick Paneling, Add	*1.10*	
		For 5/8" Thick Paneling, Add	*1.35*	
		For 3/4" Thick Paneling, Add	*1.68*	
		For Fire Retardant Treatment (Class I), Add	*0.96*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	5.45	1.66
		For Flitch Matched Veneer, Add	*0.88*	
		For Second Grade Veneer, Deduct	*-0.18*	
		For Third Grade Veneer, Deduct	*-0.26*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.55*	
		For 1/2" Thick Paneling, Add	*1.39*	
		For 5/8" Thick Paneling, Add	*1.76*	
		For 3/4" Thick Paneling, Add	*2.23*	
		For Fire Retardant Treatment (Class I), Add	*1.38*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	8.20	1.66
		For Flitch Matched Veneer, Add	*1.89*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.57*	
		For Waterproof Glue, Add	*0.26*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.41*	
		For Lumber Core, Add	*0.41*	
		For 1/8" Thick Paneling, Deduct	*-0.94*	
		For 1/2" Thick Paneling, Add	*2.57*	
		For 5/8" Thick Paneling, Add	*3.36*	
		For 3/4" Thick Paneling, Add	*4.38*	
		For Fire Retardant Treatment (Class I), Add	*2.98*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	4.12	1.66
		For Flitch Matched Veneer, Add	*0.40*	
		For Second Grade Veneer, Deduct	*-0.08*	
		For Third Grade Veneer, Deduct	*-0.12*	
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.00*	
		For Installation On Metal Studs Or Furring, Add	*0.37*	
		For Glue Laminated Installation, Add	*0.21*	
		For Lumber Core, Add	*0.09*	
		For 1/8" Thick Paneling, Deduct	*-0.37*	
		For 1/2" Thick Paneling, Add	*0.83*	
		For 5/8" Thick Paneling, Add	*1.00*	
		For 3/4" Thick Paneling, Add	*1.21*	
		For Fire Retardant Treatment (Class I), Add	*0.63*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	7.20	1.66
		For Flitch Matched Veneer, Add	*1.52*	
		For Second Grade Veneer, Deduct	*-0.30*	
		For Third Grade Veneer, Deduct	*-0.45*	
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.36*	
		For Lumber Core, Add	*0.33*	
		For 1/8" Thick Paneling, Deduct	*-0.80*	
		For 1/2" Thick Paneling, Add	*2.14*	
		For 5/8" Thick Paneling, Add	*2.77*	
		For 3/4" Thick Paneling, Add	*3.59*	
		For Fire Retardant Treatment (Class I), Add	*2.39*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	5.04	1.66
		For Flitch Matched Veneer, Add	*0.67*	
		For Second Grade Veneer, Deduct	*-0.13*	
		For Third Grade Veneer, Deduct	*-0.20*	
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.48*	
		For 1/2" Thick Paneling, Add	*1.17*	
		For 5/8" Thick Paneling, Add	*1.45*	
		For 3/4" Thick Paneling, Add	*1.81*	
		For Fire Retardant Treatment (Class I), Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	5.95	1.66
		For Flitch Matched Veneer, Add	*0.89*	
		For Second Grade Veneer, Deduct	*-0.18*	
		For Third Grade Veneer, Deduct	*-0.27*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.20*	
		For 1/8" Thick Paneling, Deduct	*-0.59*	
		For 1/2" Thick Paneling, Add	*1.46*	
		For 5/8" Thick Paneling, Add	*1.84*	
		For 3/4" Thick Paneling, Add	*2.32*	
		For Fire Retardant Treatment (Class I), Add	*1.41*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	9.50	1.66
		For Flitch Matched Veneer, Add	*2.15*	
		For Second Grade Veneer, Deduct	*-0.43*	
		For Third Grade Veneer, Deduct	*-0.64*	
		For Waterproof Glue, Add	*0.30*	
		For Ceiling Installation, Add	*1.56*	
		For Installation On Metal Studs Or Furring, Add	*0.57*	
		For Glue Laminated Installation, Add	*0.48*	
		For Lumber Core, Add	*0.47*	
		For 1/8" Thick Paneling, Deduct	*-1.08*	
		For 1/2" Thick Paneling, Add	*2.94*	
		For 5/8" Thick Paneling, Add	*3.84*	
		For 3/4" Thick Paneling, Add	*5.00*	
		For Fire Retardant Treatment (Class I), Add	*3.39*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	7.20	1.66
		For Flitch Matched Veneer, Add	*1.52*	
		For Second Grade Veneer, Deduct	*-0.30*	
		For Third Grade Veneer, Deduct	*-0.45*	
		For Waterproof Glue, Add	*0.21*	
		For Ceiling Installation, Add	*1.25*	
		For Installation On Metal Studs Or Furring, Add	*0.46*	
		For Glue Laminated Installation, Add	*0.36*	
		For Lumber Core, Add	*0.33*	
		For 1/8" Thick Paneling, Deduct	*-0.80*	
		For 1/2" Thick Paneling, Add	*2.14*	
		For 5/8" Thick Paneling, Add	*2.77*	
		For 3/4" Thick Paneling, Add	*3.59*	
		For Fire Retardant Treatment (Class I), Add	*2.39*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	6.28	1.66
		For Flitch Matched Veneer, Add	*1.29*	
		For Second Grade Veneer, Deduct	*-0.26*	
		For Third Grade Veneer, Deduct	*-0.39*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.31*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.69*	
		For 1/2" Thick Paneling, Add	*1.84*	
		For 5/8" Thick Paneling, Add	*2.38*	
		For 3/4" Thick Paneling, Add	*3.08*	
		For Fire Retardant Treatment (Class I), Add	*2.04*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	5.07	1.66
		For Flitch Matched Veneer, Add	*0.69*	
		For Second Grade Veneer, Deduct	*-0.14*	
		For Third Grade Veneer, Deduct	*-0.21*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.11*	
		For Installation On Metal Studs Or Furring, Add	*0.41*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.49*	
		For 1/2" Thick Paneling, Add	*1.18*	
		For 5/8" Thick Paneling, Add	*1.47*	
		For 3/4" Thick Paneling, Add	*1.84*	
		For Fire Retardant Treatment (Class I), Add	*1.08*	
06 42 16 00-0025		Accessories *(06 42 16)*		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	16.76	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	7.26	3.22

06 43 Wood Stairs And Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

06 43 13 00-0001		Stair Parts *(06 43 13)*		
06 43 13 00-0002	EA	30" Baluster, Pine	38.03	18.64
06 43 13 00-0003	EA	30" Baluster, Birch	42.92	18.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0004	EA	42" Baluster, Pine	41.88	19.28
06 43 13 00-0005	EA	42" Baluster, Birch	47.10	19.28
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	202.43	73.29
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	293.54	102.86
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	133.96	64.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.10*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	154.08	70.62
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.20*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	25.13	9.64
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.16*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	29.68	5.42
		For Beech, Add	*5.67*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.48*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	35.05	5.42
		For Beech, Add	*7.28*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.48*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	18.40	5.42
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.48*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	23.62	5.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.59*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	22.48	5.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.59*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	15.15	5.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.59*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	14.79	5.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.59*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	31.99	

06 43 13 00-0019 Interior Box Stairs *(06 43 13)*

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	172.44	55.92
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.37*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*67.97*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*21.99*	
		For Oak Or Maple Treads, Add	*41.65*	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	181.54	57.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*18.79*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*68.51*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.21*	
		For Oak Or Maple Treads, Add	*44.93*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	189.78	57.86
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.01*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*68.80*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.33*	
		For Oak Or Maple Treads, Add	*48.21*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	199.21	58.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.21*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.06*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.44*	
		For Oak Or Maple Treads, Add	*52.05*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	204.98	59.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.43*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.34*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.56*	
		For Oak Or Maple Treads, Add	*54.23*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	211.65	60.43
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.85*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.89*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.79*	
		For Oak Or Maple Treads, Add	*56.40*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	217.41	61.07
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.07*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.17*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.91*	
		For Oak Or Maple Treads, Add	*58.58*	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	223.17	61.72
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.28*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.45*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.02*	
		For Oak Or Maple Treads, Add	*60.75*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	228.88	62.36
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.48*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.72*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.13*	
		For Oak Or Maple Treads, Add	*62.92*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	236.45	64.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.12*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*71.55*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.48*	
		For Oak Or Maple Treads, Add	*65.07*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	13.07	4.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.11*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	13.86	4.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.11*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	16.47	4.59
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	17.13	4.59
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	19.48	4.59
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	26.75	4.59

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts And Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*
Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	38.75	5.30
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	49.27	7.74
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	59.84	8.96
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	70.64	9.36
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	150.64	10.58
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	174.32	11.40
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	208.75	12.21
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	248.11	13.03
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	44.02	5.30
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	53.50	7.74
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	65.68	8.96
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	76.88	9.36
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	163.31	10.58
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	219.79	11.40
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	236.92	12.21
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	266.21	13.03

06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base *(06 44 39 00-0001)*
Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	45.83	5.30
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	57.32	7.74
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	70.31	8.96
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	83.72	9.36
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	183.46	10.58
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	212.75	11.40
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	255.49	12.21
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	304.40	13.03
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	52.43	5.30
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	63.10	7.74
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	77.87	8.96
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	91.73	9.36
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	199.33	10.58
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	269.76	11.40
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	290.80	12.21
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	327.12	13.03

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*
Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	41.25	5.30
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	52.29	7.74
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	63.63	8.96
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	75.34	9.36
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	47.00	5.30
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	56.89	7.74
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	69.99	8.96
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	82.13	9.36

06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*
Note: Paint grade/finger jointed redwood.

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	62.33	5.30
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	75.83	7.74
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	93.85	8.96
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	113.70	9.36
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	71.18	5.30
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	85.29	7.74
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	104.92	8.96
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	128.19	9.36

06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*
Note: For tapered wood columns.

06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	191.01	10.99
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	286.01	12.21
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	396.71	14.25
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	505.42	16.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	170.89	10.99
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	235.71	12.21
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	292.09	14.25
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	380.67	16.29
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	179.75	11.40
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	235.71	12.21
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	292.09	14.25
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	370.61	16.29
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	181.77	11.40
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	255.83	12.21
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	302.15	14.25
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	412.87	16.29
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	181.77	11.40
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	277.96	12.21
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	366.53	14.25
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	453.11	16.29
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	378.13	10.99
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	424.85	12.21
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	539.57	14.25
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	593.96	16.29
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	253.38	10.99
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	294.06	12.21
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	362.51	14.25
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	455.12	16.29
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	244.14	11.40
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	318.21	12.21
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	384.64	14.25
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	455.12	16.29
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	288.41	11.40
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	380.58	12.21
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	428.91	14.25
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	543.65	16.29
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	244.14	11.40
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	314.18	12.21
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	408.79	14.25
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	521.52	16.29
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	274.32	11.40
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	334.30	12.21
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	406.78	14.25
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	455.12	16.29

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	3.89	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	3.91	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	4.57	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.75*	

06 46 19 Wood Base And Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	4.20	1.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	4.39	1.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	4.87	1.11
		For Clear Birch, Add	*0.38*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*0.91*	
		For Stain Grade Material (No Finger Joints), Add	*0.22*	
		For Clear Poplar, Add	*0.24*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	5.97	1.38
		For Clear Birch, Add	*0.44*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.08*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
		For Clear Poplar, Add	*0.28*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.18	1.56
		For Clear Birch, Add	*0.68*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.46*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
		For Clear Poplar, Add	*0.43*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	4.88	1.75
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	4.77	1.75
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	4.53	1.75

06 46 23 Wood Chair Rails *(06 46)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 23 00-0001		Chair Rails *(06 46 23)*		
06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	5.63	1.65
		For Birch, Add	*0.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.25*	
		For Poplar, Add	*0.39*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	6.63	1.65
		For Birch, Add	*0.95*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.70*	
		For Poplar, Add	*0.59*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	4.20	1.65
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.92*	
		For Poplar, Add	*0.29*	
06 46 26		**Wood Cornices** *(06 46)*		
06 46 26 00-0001		Wood Cornices *(06 46 26)*		
06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	4.57	1.65
		For Birch, Add	*0.32*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*0.77*	
		For Poplar, Add	*0.41*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	5.45	1.75
		For Birch, Add	*0.58*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.11*	
		For Poplar, Add	*0.73*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	7.07	1.84
		For Birch, Add	*1.11*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.79*	
		For Poplar, Add	*1.39*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	8.00	1.84
		For Birch, Add	*1.38*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.14*	
		For Poplar, Add	*1.72*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	9.07	1.93
		For Birch, Add	*1.69*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.55*	
		For Poplar, Add	*2.12*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	11.28	2.11
		For Birch, Add	*2.41*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.47*	
		For Poplar, Add	*3.01*	
06 46 29		**Wood Fasciae And Soffits** *(06 46)*		
06 46 29 00-0001		Fascia Board *(06 46 29)*		
06 46 29 00-0002		Pine Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	4.29	1.84
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	4.90	2.04
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	5.30	2.14
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	6.23	2.39
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	4.24	1.84
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	4.84	2.04
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	5.39	2.14
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	6.51	2.39
06 46 29 00-0011		Cedar Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board	4.58	1.84
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board	5.36	2.04
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board	6.18	2.14
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board	7.47	2.39
06 46 29 00-0016		Engineered Wood Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board	4.12	1.84
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board	4.68	2.04
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board	5.69	2.39
06 46 29 00-0020		Soffit *(06 46 29)*		
06 46 29 00-0021		Sanded Plywood Soffit *(06 46 29 00-0020)*		
06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit	3.67	1.39
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit	4.02	1.46
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit	4.21	1.53
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit	4.65	1.61
06 46 29 00-0026		MDO Plywood Soffit *(06 46 29 00-0020)*		
06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit	4.08	1.39
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit	4.53	1.46
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit	5.66	1.61

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0030		**Exterior Ceiling Gypsum Board Soffit** *(06 46 29 00-0020)*		
06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	2.90	1.22
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.12	1.28
06 46 36		**Custom Wood Molding** *(06 46)*		
		Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001		**Basswood** *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Basswood	4.57	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Basswood	5.35	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Basswood	6.12	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Basswood	6.90	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Basswood	7.77	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Basswood	8.65	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Basswood	9.42	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Basswood	10.21	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Basswood	10.94	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Basswood	11.83	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Basswood	12.64	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Basswood	5.08	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Basswood	6.04	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Basswood	7.00	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Basswood	7.98	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Basswood	9.06	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Basswood	10.13	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Basswood	11.09	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Basswood	12.07	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Basswood	13.02	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Basswood	14.10	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Basswood	15.11	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0024	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	6.49	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0025	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	8.12	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0026	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	9.75	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0027	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	11.40	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0028	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	13.13	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0029	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	14.87	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0030	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	16.49	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0031	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	18.15	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0032	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	19.74	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0033	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	21.50	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0034	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	23.18	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0035	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	21.58	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0036	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	26.17	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0037	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	30.67	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0038	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	35.35	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0039	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	39.85	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0040	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	44.50	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0041	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	48.94	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0042	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	53.44	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0043	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	58.13	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

06 46 36 00-0044 Clear Western Cedar *(06 46 36)*

06 46 36 00-0045	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	4.81	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0046	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	5.71	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0047	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	6.60	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0048	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	7.50	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0049	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	8.49	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0050	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	9.49	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0051	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	5.49	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0052	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	6.66	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0053	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	7.84	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0054	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	9.03	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0055	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	10.31	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0056	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	11.60	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0057	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	6.77	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0058	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	8.55	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0059	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	10.33	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0060	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	12.11	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0061	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	13.99	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0062	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	15.88	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0063	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	6.96	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0064	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	8.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0065	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	10.61	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0066	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	12.44	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0067	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	14.28	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0068	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	16.30	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0069	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	19.28	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0070	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	23.29	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0071	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	27.23	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0072	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	31.33	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0073	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	35.25	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0074	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	39.27	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0075	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	43.20	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0076	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	47.12	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0077	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	51.23	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

06 46 36 00-0078 Cherry *(06 46 36)*

06 46 36 00-0079	LF	3/4" x 1-1/2" Custom Shaped Cherry	5.58	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0080	LF	3/4" x 2-1/2" Custom Shaped Cherry	6.86	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0081	LF	3/4" x 3-1/2" Custom Shaped Cherry	8.13	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0082	LF	3/4" x 4-1/2" Custom Shaped Cherry	9.42	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0083	LF	3/4" x 5-1/2" Custom Shaped Cherry	10.79	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0084	LF	3/4" x 6-1/2" Custom Shaped Cherry	12.18	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0085	LF	3/4" x 7-1/2" Custom Shaped Cherry	13.44	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0086	LF	3/4" x 8-1/2" Custom Shaped Cherry	14.73	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0087	LF	3/4" x 9-1/2" Custom Shaped Cherry	15.97	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0088	LF	3/4" x 10-1/2" Custom Shaped Cherry	17.36	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0089	LF	3/4" x 11-1/2" Custom Shaped Cherry	18.67	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0090	LF	1" x 1-1/2" Custom Shaped Cherry	6.44	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0091	LF	1" x 2-1/2" Custom Shaped Cherry	8.10	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0092	LF	1" x 3-1/2" Custom Shaped Cherry	9.76	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0093	LF	1" x 4-1/2" Custom Shaped Cherry	11.42	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0094	LF	1" x 5-1/2" Custom Shaped Cherry	13.18	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0095	LF	1" x 6-1/2" Custom Shaped Cherry	14.95	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0096	LF	1" x 7-1/2" Custom Shaped Cherry	16.60	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0097	LF	1" x 8-1/2" Custom Shaped Cherry	18.30	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0098	LF	1" x 9-1/2" Custom Shaped Cherry	19.89	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0099	LF	1" x 10-1/2" Custom Shaped Cherry	21.67	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0100	LF	1" x 11-1/2" Custom Shaped Cherry	23.37	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0101	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	7.37	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0102	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	9.46	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0103	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	11.52	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0104	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	13.62	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0105	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	15.79	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0106	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	17.99	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0107	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	20.04	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0108	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	22.15	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0109	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	24.17	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0110	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	26.39	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0111	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	28.49	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0112	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	9.07	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0113	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	11.95	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0114	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	14.82	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0115	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	17.71	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0116	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	20.60	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0117	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	23.68	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0118	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	26.55	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0119	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	29.46	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0120	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	32.29	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0121	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	35.34	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0122	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	38.22	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0123		Cypress *(06 46 36)*		
06 46 36 00-0124	LF	3/4" x 1-1/2" Custom Shaped Cypress	4.57	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0125	LF	3/4" x 2-1/2" Custom Shaped Cypress	5.35	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0126	LF	3/4" x 3-1/2" Custom Shaped Cypress	6.12	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0127	LF	3/4" x 4-1/2" Custom Shaped Cypress	6.90	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0128	LF	3/4" x 5-1/2" Custom Shaped Cypress	7.77	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0129	LF	3/4" x 6-1/2" Custom Shaped Cypress	8.65	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0130	LF	3/4" x 7-1/2" Custom Shaped Cypress	9.61	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0131	LF	3/4" x 8-1/2" Custom Shaped Cypress	10.42	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0132	LF	3/4" x 9-1/2" Custom Shaped Cypress	11.90	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0133	LF	3/4" x 10-1/2" Custom Shaped Cypress	12.88	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0134	LF	1" x 1-1/2" Custom Shaped Cypress	5.68	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0135	LF	1" x 2-1/2" Custom Shaped Cypress	6.93	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0136	LF	1" x 3-1/2" Custom Shaped Cypress	8.20	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0137	LF	1" x 4-1/2" Custom Shaped Cypress	9.48	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0138	LF	1" x 5-1/2" Custom Shaped Cypress	10.86	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0139	LF	1" x 6-1/2" Custom Shaped Cypress	12.22	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0140	LF	1" x 7-1/2" Custom Shaped Cypress	13.48	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0141	LF	1" x 8-1/2" Custom Shaped Cypress	14.78	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0142	LF	1" x 9-1/2" Custom Shaped Cypress	16.01	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0143	LF	1" x 10-1/2" Custom Shaped Cypress	17.43	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0144	LF	1" x 11-1/2" Custom Shaped Cypress	18.70	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0145	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	6.48	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0146	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	8.07	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0147	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	9.65	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0148	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	11.25	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0149	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	12.84	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0150	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	14.63	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0151	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	16.20	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0152	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	17.82	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0153	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	20.79	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0154	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	22.60	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	

06 46 36 00-0155 Honduran Mahogany *(06 46 36)*

06 46 36 00-0156	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	5.86	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0157	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	7.29	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0158	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	8.71	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0159	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	10.14	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0160	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	11.65	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0161	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	13.18	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0162	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	14.59	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0163	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	16.03	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0164	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	17.40	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0165	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	18.94	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0166	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	20.40	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0167	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	6.88	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0168	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	8.72	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0169	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	10.60	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0170	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	12.48	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0171	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	14.45	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0172	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	16.41	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0173	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	18.27	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0174	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	20.17	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0175	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	22.00	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0176	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	23.97	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0177	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	26.13	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0178	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	7.66	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0179	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	9.89	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0180	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	12.10	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0181	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	14.34	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0182	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	16.65	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0183	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	18.99	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0184	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	21.19	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0185	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	23.44	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0186	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	25.13	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0187	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	27.97	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0188	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	30.22	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0189	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	9.16	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0190	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	12.09	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0191	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	15.02	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0192	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	17.95	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0193	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	20.89	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0194	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	24.02	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0195	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	26.93	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0196	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	29.89	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0197	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	32.77	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0198	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	35.82	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0199	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	38.85	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0200	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	10.65	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0201	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	14.29	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0202	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	17.90	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0203	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	21.63	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0204	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	25.24	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0205	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	29.05	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0206	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	32.67	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0207	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	36.39	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0208	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	40.01	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0209	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	43.66	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0210	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	47.46	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.16*	
06 46 36 00-0211	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	12.77	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0212	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	16.70	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0213	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	21.11	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0214	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	25.60	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0215	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	30.00	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0216	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	34.58	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0217	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	38.99	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0218	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	43.49	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0219	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	47.89	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0220	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	52.30	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0221	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	56.89	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.18*	
06 46 36 00-0222	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	28.10	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0223	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	34.31	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0224	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	40.45	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0225	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	46.75	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0226	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	52.88	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0227	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	59.11	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0228	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	65.23	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0229	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	71.36	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0230	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	77.68	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

06 46 36 00-0231 Appl Soft Maple *(06 46 36)*

06 46 36 00-0232	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	4.81	1.01
06 46 36 00-0233	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	5.71	1.01
06 46 36 00-0234	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	6.60	1.01
06 46 36 00-0235	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	7.50	1.11
06 46 36 00-0236	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	8.49	1.11
06 46 36 00-0237	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	9.49	1.20
06 46 36 00-0238	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	10.37	1.20
06 46 36 00-0239	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	11.28	1.20
06 46 36 00-0240	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	12.13	1.29
06 46 36 00-0241	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	13.15	1.38
06 46 36 00-0242	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	14.08	1.38
06 46 36 00-0243	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	5.32	1.01
06 46 36 00-0244	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	6.40	1.01
06 46 36 00-0245	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	7.48	1.11
06 46 36 00-0246	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	8.55	1.11
06 46 36 00-0247	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	9.78	1.20
06 46 36 00-0248	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	10.97	1.20
06 46 36 00-0249	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	12.04	1.20
06 46 36 00-0250	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	13.15	1.29
06 46 36 00-0251	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	14.21	1.29
06 46 36 00-0252	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	15.41	1.38
06 46 36 00-0253	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	16.55	1.38
06 46 36 00-0254	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	5.79	1.01
06 46 36 00-0255	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	7.09	1.01
06 46 36 00-0256	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	8.36	1.11
06 46 36 00-0257	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	9.67	1.11
06 46 36 00-0258	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	11.04	1.20
06 46 36 00-0259	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	12.45	1.20
06 46 36 00-0260	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	13.72	1.29
06 46 36 00-0261	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	15.03	1.29
06 46 36 00-0262	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	16.27	1.29
06 46 36 00-0263	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	17.69	1.38
06 46 36 00-0264	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	19.01	1.47
06 46 36 00-0265	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	6.67	1.01
06 46 36 00-0266	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	8.35	1.11
06 46 36 00-0267	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	10.03	1.11
06 46 36 00-0268	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	11.72	1.20
06 46 36 00-0269	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	13.42	1.20
06 46 36 00-0270	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	15.30	1.29
06 46 36 00-0271	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	16.97	1.29
06 46 36 00-0272	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	18.68	1.38
06 46 36 00-0273	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	20.31	1.38
06 46 36 00-0274	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	22.12	1.47
06 46 36 00-0275	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	23.85	1.47

06 46 36 00-0276 Clear Yellow Pine *(06 46 36)*

06 46 36 00-0277	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	4.19	1.01
06 46 36 00-0278	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	4.78	1.01
06 46 36 00-0279	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	5.36	1.01
06 46 36 00-0280	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	5.95	1.11
06 46 36 00-0281	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	6.62	1.11
06 46 36 00-0282	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	7.31	1.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0283	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	7.88	1.20
06 46 36 00-0284	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	8.48	1.20
06 46 36 00-0285	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	4.65	1.01
06 46 36 00-0286	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	5.42	1.01
06 46 36 00-0287	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	6.16	1.11
06 46 36 00-0288	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	6.95	1.11
06 46 36 00-0289	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	7.79	1.20
06 46 36 00-0290	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	8.67	1.20
06 46 36 00-0291	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	9.65	1.20
06 46 36 00-0292	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	10.46	1.29
06 46 36 00-0293	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	5.23	1.01
06 46 36 00-0294	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	6.20	1.11
06 46 36 00-0295	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	7.16	1.11
06 46 36 00-0296	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	8.13	1.20
06 46 36 00-0297	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	9.10	1.20
06 46 36 00-0298	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	10.27	1.29
06 46 36 00-0299	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	11.22	1.29
06 46 36 00-0300	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	12.21	1.38
06 46 36 00-0301	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	13.84	1.38
06 46 36 00-0302	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	14.31	1.47
06 46 36 00-0303		Poplar *(06 46 36)*		
06 46 36 00-0304	LF	3/4" x 1-1/2" Custom Shaped Poplar	4.33	1.01
06 46 36 00-0305	LF	3/4" x 2-1/2" Custom Shaped Poplar	4.99	1.01
06 46 36 00-0306	LF	3/4" x 3-1/2" Custom Shaped Poplar	5.64	1.01
06 46 36 00-0307	LF	3/4" x 4-1/2" Custom Shaped Poplar	6.30	1.11
06 46 36 00-0308	LF	3/4" x 5-1/2" Custom Shaped Poplar	7.06	1.11
06 46 36 00-0309	LF	3/4" x 6-1/2" Custom Shaped Poplar	7.82	1.20
06 46 36 00-0310	LF	3/4" x 7-1/2" Custom Shaped Poplar	8.46	1.20
06 46 36 00-0311	LF	3/4" x 8-1/2" Custom Shaped Poplar	9.13	1.20
06 46 36 00-0312	LF	3/4" x 9-1/2" Custom Shaped Poplar	9.74	1.29
06 46 36 00-0313	LF	3/4" x 10-1/2" Custom Shaped Poplar	10.51	1.38
06 46 36 00-0314	LF	3/4" x 11-1/2" Custom Shaped Poplar	11.25	1.38
06 46 36 00-0315	LF	1" x 1-1/2" Custom Shaped Poplar	4.84	1.01
06 46 36 00-0316	LF	1" x 2-1/2" Custom Shaped Poplar	5.68	1.01
06 46 36 00-0317	LF	1" x 3-1/2" Custom Shaped Poplar	6.52	1.11
06 46 36 00-0318	LF	1" x 4-1/2" Custom Shaped Poplar	7.38	1.11
06 46 36 00-0319	LF	1" x 5-1/2" Custom Shaped Poplar	8.34	1.20
06 46 36 00-0320	LF	1" x 6-1/2" Custom Shaped Poplar	9.30	1.20
06 46 36 00-0321	LF	1" x 7-1/2" Custom Shaped Poplar	10.13	1.20
06 46 36 00-0322	LF	1" x 8-1/2" Custom Shaped Poplar	10.99	1.29
06 46 36 00-0323	LF	1" x 9-1/2" Custom Shaped Poplar	11.82	1.29
06 46 36 00-0324	LF	1" x 10-1/2" Custom Shaped Poplar	12.78	1.38
06 46 36 00-0325	LF	1" x 11-1/2" Custom Shaped Poplar	13.67	1.38
06 46 36 00-0326	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	5.29	1.01
06 46 36 00-0327	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	6.32	1.01
06 46 36 00-0328	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	7.36	1.11
06 46 36 00-0329	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	8.40	1.11
06 46 36 00-0330	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	9.54	1.20
06 46 36 00-0331	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	10.68	1.20
06 46 36 00-0332	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	11.70	1.29
06 46 36 00-0333	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	12.76	1.29
06 46 36 00-0334	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	13.75	1.29
06 46 36 00-0335	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	14.92	1.38
06 46 36 00-0336	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	15.99	1.47
06 46 36 00-0337	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	6.29	1.01
06 46 36 00-0338	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	7.78	1.11
06 46 36 00-0339	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	9.27	1.11
06 46 36 00-0340	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	10.77	1.20
06 46 36 00-0341	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	12.27	1.20
06 46 36 00-0342	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	13.96	1.29
06 46 36 00-0343	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	15.43	1.29
06 46 36 00-0344	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	16.95	1.38
06 46 36 00-0345	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	18.39	1.38
06 46 36 00-0346	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	20.01	1.47
06 46 36 00-0347	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	21.55	1.47
06 46 36 00-0348	LF	2" x 1-1/2" Custom Shaped Poplar	7.77	1.11
06 46 36 00-0349	LF	2" x 2-1/2" Custom Shaped Poplar	9.98	1.11
06 46 36 00-0350	LF	2" x 3-1/2" Custom Shaped Poplar	12.15	1.11
06 46 36 00-0351	LF	2" x 4-1/2" Custom Shaped Poplar	14.44	1.20
06 46 36 00-0352	LF	2" x 5-1/2" Custom Shaped Poplar	16.62	1.20
06 46 36 00-0353	LF	2" x 6-1/2" Custom Shaped Poplar	18.99	1.29
06 46 36 00-0354	LF	2" x 7-1/2" Custom Shaped Poplar	21.17	1.29
06 46 36 00-0355	LF	2" x 8-1/2" Custom Shaped Poplar	23.46	1.38
06 46 36 00-0356	LF	2" x 9-1/2" Custom Shaped Poplar	25.64	1.38
06 46 36 00-0357	LF	2" x 10-1/2" Custom Shaped Poplar	27.85	1.47
06 46 36 00-0358	LF	2" x 11-1/2" Custom Shaped Poplar	30.21	1.56
06 46 36 00-0359	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	9.28	1.11
06 46 36 00-0360	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	12.18	1.11
06 46 36 00-0361	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	15.07	1.20
06 46 36 00-0362	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	18.05	1.20
06 46 36 00-0363	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	20.95	1.20
06 46 36 00-0364	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	24.02	1.29
06 46 36 00-0365	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	26.92	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0366	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	29.91	1.38
06 46 36 00-0367	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	32.80	1.47
06 46 36 00-0368	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	35.70	1.47
06 46 36 00-0369	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	38.78	1.56
06 46 36 00-0370	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	20.05	1.20
06 46 36 00-0371	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	24.25	1.20
06 46 36 00-0372	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	28.38	1.29
06 46 36 00-0373	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	32.72	1.38
06 46 36 00-0374	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	36.78	1.38
06 46 36 00-0375	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	41.00	1.47
06 46 36 00-0376	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	45.11	1.47
06 46 36 00-0377	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	49.23	1.47
06 46 36 00-0378	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	53.53	1.56
06 46 36 00-0379		**Teak** *(06 46 36)*		
06 46 36 00-0380	LF	3/4" x 1-1/2" Custom Shaped Teak	11.42	1.01
06 46 36 00-0381	LF	3/4" x 2-1/2" Custom Shaped Teak	15.63	1.01
06 46 36 00-0382	LF	3/4" x 3-1/2" Custom Shaped Teak	19.82	1.01
06 46 36 00-0383	LF	3/4" x 4-1/2" Custom Shaped Teak	24.03	1.11
06 46 36 00-0384	LF	3/4" x 5-1/2" Custom Shaped Teak	28.33	1.11
06 46 36 00-0385	LF	3/4" x 6-1/2" Custom Shaped Teak	32.63	1.20
06 46 36 00-0386	LF	3/4" x 7-1/2" Custom Shaped Teak	36.82	1.20
06 46 36 00-0387	LF	3/4" x 8-1/2" Custom Shaped Teak	41.03	1.20
06 46 36 00-0388	LF	3/4" x 9-1/2" Custom Shaped Teak	45.19	1.29
06 46 36 00-0389	LF	3/4" x 10-1/2" Custom Shaped Teak	49.51	1.38
06 46 36 00-0390	LF	3/4" x 11-1/2" Custom Shaped Teak	53.74	1.38
06 46 36 00-0391	LF	1-1/2" x 1-1/2" Custom Shaped Teak	24.69	1.01
06 46 36 00-0392	LF	1-1/2" x 2-1/2" Custom Shaped Teak	28.19	1.11
06 46 36 00-0393	LF	1-1/2" x 3-1/2" Custom Shaped Teak	36.48	1.11
06 46 36 00-0394	LF	1-1/2" x 4-1/2" Custom Shaped Teak	44.78	1.20
06 46 36 00-0395	LF	1-1/2" x 5-1/2" Custom Shaped Teak	53.08	1.20
06 46 36 00-0396	LF	1-1/2" x 6-1/2" Custom Shaped Teak	61.34	1.29
06 46 36 00-0397	LF	1-1/2" x 7-1/2" Custom Shaped Teak	69.86	1.29
06 46 36 00-0398	LF	1-1/2" x 8-1/2" Custom Shaped Teak	78.18	1.38
06 46 36 00-0399	LF	1-1/2" x 9-1/2" Custom Shaped Teak	86.42	1.38
06 46 36 00-0400	LF	1-1/2" x 10-1/2" Custom Shaped Teak	94.84	1.47
06 46 36 00-0401	LF	1-1/2" x 11-1/2" Custom Shaped Teak	103.19	1.47
06 46 36 00-0402		**Ash** *(06 46 36)*		
06 46 36 00-0403	LF	3/4" x 1-1/2" Custom Shaped Ash	5.24	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0404	LF	3/4" x 2-1/2" Custom Shaped Ash	6.36	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0405	LF	3/4" x 3-1/2" Custom Shaped Ash	7.46	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0406	LF	3/4" x 4-1/2" Custom Shaped Ash	8.58	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0407	LF	3/4" x 5-1/2" Custom Shaped Ash	9.79	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0408	LF	3/4" x 6-1/2" Custom Shaped Ash	11.00	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0409	LF	3/4" x 7-1/2" Custom Shaped Ash	12.10	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0410	LF	3/4" x 8-1/2" Custom Shaped Ash	13.22	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0411	LF	3/4" x 9-1/2" Custom Shaped Ash	14.29	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0412	LF	3/4" x 10-1/2" Custom Shaped Ash	15.52	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0413	LF	3/4" x 11-1/2" Custom Shaped Ash	16.66	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0414	LF	1" x 1-1/2" Custom Shaped Ash	6.04	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0415	LF	1" x 2-1/2" Custom Shaped Ash	7.48	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0416	LF	1" x 3-1/2" Custom Shaped Ash	8.92	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0417	LF	1" x 4-1/2" Custom Shaped Ash	10.37	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0418	LF	1" x 5-1/2" Custom Shaped Ash	11.94	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0419	LF	1" x 6-1/2" Custom Shaped Ash	13.49	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0420	LF	1" x 7-1/2" Custom Shaped Ash	14.92	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0421	LF	1" x 8-1/2" Custom Shaped Ash	16.38	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0422	LF	1" x 9-1/2" Custom Shaped Ash	17.81	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0423	LF	1" x 10-1/2" Custom Shaped Ash	19.37	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0424	LF	1" x 11-1/2" Custom Shaped Ash	20.86	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0425	LF	1-1/4" x 1-1/2" Custom Shaped Ash	7.01	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0426	LF	1-1/4" x 2-1/2" Custom Shaped Ash	8.91	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0427	LF	1-1/4" x 3-1/2" Custom Shaped Ash	10.81	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0428	LF	1-1/4" x 4-1/2" Custom Shaped Ash	12.71	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0429	LF	1-1/4" x 5-1/2" Custom Shaped Ash	14.71	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0430	LF	1-1/4" x 6-1/2" Custom Shaped Ash	16.72	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0431	LF	1-1/4" x 7-1/2" Custom Shaped Ash	18.60	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0432	LF	1-1/4" x 8-1/2" Custom Shaped Ash	20.52	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0433	LF	1-1/4" x 9-1/2" Custom Shaped Ash	22.38	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0434	LF	1-1/4" x 10-1/2" Custom Shaped Ash	24.40	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0435	LF	1-1/4" x 11-1/2" Custom Shaped Ash	26.34	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0436	LF	1-1/2" x 1-1/2" Custom Shaped Ash	8.40	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0437	LF	1-1/2" x 2-1/2" Custom Shaped Ash	10.94	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0438	LF	1-1/2" x 3-1/2" Custom Shaped Ash	13.48	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0439	LF	1-1/2" x 4-1/2" Custom Shaped Ash	16.04	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0440	LF	1-1/2" x 5-1/2" Custom Shaped Ash	18.59	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0441	LF	1-1/2" x 6-1/2" Custom Shaped Ash	21.33	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0442	LF	1-1/2" x 7-1/2" Custom Shaped Ash	23.91	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0443	LF	1-1/2" x 8-1/2" Custom Shaped Ash	26.44	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0444	LF	1-1/2" x 9-1/2" Custom Shaped Ash	28.93	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0445	LF	1-1/2" x 10-1/2" Custom Shaped Ash	31.85	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0446	LF	1-1/2" x 11-1/2" Custom Shaped Ash	34.20	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	

06 46 36 00-0447 Birch *(06 46 36)*

06 46 36 00-0448	LF	3/4" x 1-1/2" Custom Shaped Birch	4.81	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0449	LF	3/4" x 2-1/2" Custom Shaped Birch	5.71	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0450	LF	3/4" x 3-1/2" Custom Shaped Birch	6.60	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0451	LF	3/4" x 4-1/2" Custom Shaped Birch	7.50	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0452	LF	3/4" x 5-1/2" Custom Shaped Birch	8.49	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0453	LF	3/4" x 6-1/2" Custom Shaped Birch	9.49	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0454	LF	3/4" x 7-1/2" Custom Shaped Birch	10.37	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0455	LF	3/4" x 8-1/2" Custom Shaped Birch	11.28	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0456	LF	3/4" x 9-1/2" Custom Shaped Birch	12.13	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0457	LF	3/4" x 10-1/2" Custom Shaped Birch	13.15	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0458	LF	3/4" x 11-1/2" Custom Shaped Birch	14.08	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0459	LF	1" x 1-1/2" Custom Shaped Birch	5.44	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0460	LF	1" x 2-1/2" Custom Shaped Birch	6.57	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0461	LF	1" x 3-1/2" Custom Shaped Birch	7.72	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0462	LF	1" x 4-1/2" Custom Shaped Birch	8.89	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0463	LF	1" x 5-1/2" Custom Shaped Birch	10.14	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0464	LF	1" x 6-1/2" Custom Shaped Birch	11.38	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0465	LF	1" x 7-1/2" Custom Shaped Birch	12.52	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0466	LF	1" x 8-1/2" Custom Shaped Birch	13.70	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0467	LF	1" x 9-1/2" Custom Shaped Birch	14.81	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0468	LF	1" x 10-1/2" Custom Shaped Birch	16.06	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0469	LF	1" x 11-1/2" Custom Shaped Birch	17.27	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0470	LF	1-1/4" x 1-1/2" Custom Shaped Birch	6.15	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0471	LF	1-1/4" x 2-1/2" Custom Shaped Birch	7.62	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0472	LF	1-1/4" x 3-1/2" Custom Shaped Birch	9.08	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0473	LF	1-1/4" x 4-1/2" Custom Shaped Birch	10.56	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0474	LF	1-1/4" x 5-1/2" Custom Shaped Birch	12.12	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0475	LF	1-1/4" x 6-1/2" Custom Shaped Birch	13.70	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0476	LF	1-1/4" x 7-1/2" Custom Shaped Birch	15.15	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0477	LF	1-1/4" x 8-1/2" Custom Shaped Birch	16.64	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0478	LF	1-1/4" x 9-1/2" Custom Shaped Birch	18.06	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0479	LF	1-1/4" x 10-1/2" Custom Shaped Birch	19.66	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0480	LF	1-1/4" x 11-1/2" Custom Shaped Birch	21.16	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0481	LF	1-1/2" x 1-1/2" Custom Shaped Birch	7.25	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0482	LF	1-1/2" x 2-1/2" Custom Shaped Birch	9.22	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0483	LF	1-1/2" x 3-1/2" Custom Shaped Birch	11.18	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0484	LF	1-1/2" x 4-1/2" Custom Shaped Birch	13.16	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0485	LF	1-1/2" x 5-1/2" Custom Shaped Birch	15.14	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0486	LF	1-1/2" x 6-1/2" Custom Shaped Birch	17.31	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0487	LF	1-1/2" x 7-1/2" Custom Shaped Birch	19.27	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0488	LF	1-1/2" x 8-1/2" Custom Shaped Birch	21.27	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0489	LF	1-1/2" x 9-1/2" Custom Shaped Birch	23.18	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0490	LF	1-1/2" x 10-1/2" Custom Shaped Birch	25.52	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0491	LF	1-1/2" x 11-1/2" Custom Shaped Birch	27.30	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	

06 46 36 00-0492 Fir *(06 46 36)*

06 46 36 00-0493	LF	3/4" x 1-1/2" Custom Shaped Fir	4.95	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.74*	
06 46 36 00-0494	LF	3/4" x 2-1/2" Custom Shaped Fir	5.93	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0495	LF	3/4" x 3-1/2" Custom Shaped Fir	6.89	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0496	LF	3/4" x 4-1/2" Custom Shaped Fir	7.86	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
06 46 36 00-0497	LF	3/4" x 5-1/2" Custom Shaped Fir	8.92	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0498	LF	3/4" x 6-1/2" Custom Shaped Fir	10.00	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0499	LF	3/4" x 7-1/2" Custom Shaped Fir	10.95	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0500	LF	3/4" x 8-1/2" Custom Shaped Fir	11.93	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0501	LF	3/4" x 9-1/2" Custom Shaped Fir	12.85	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0502	LF	3/4" x 10-1/2" Custom Shaped Fir	13.94	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0503	LF	1" x 1-1/2" Custom Shaped Fir	5.68	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.77*	
06 46 36 00-0504	LF	1" x 2-1/2" Custom Shaped Fir	6.93	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0505	LF	1" x 3-1/2" Custom Shaped Fir	8.20	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0506	LF	1" x 4-1/2" Custom Shaped Fir	9.48	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0507	LF	1" x 5-1/2" Custom Shaped Fir	10.86	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0508	LF	1" x 6-1/2" Custom Shaped Fir	12.22	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0509	LF	1" x 7-1/2" Custom Shaped Fir	13.48	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0510	LF	1" x 8-1/2" Custom Shaped Fir	14.78	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0511	LF	1" x 9-1/2" Custom Shaped Fir	16.01	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0512	LF	1" x 10-1/2" Custom Shaped Fir	17.43	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0513	LF	1" x 11-1/2" Custom Shaped Fir	18.70	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0514	LF	1-1/4" x 1-1/2" Custom Shaped Fir	6.22	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0515	LF	1-1/4" x 2-1/2" Custom Shaped Fir	7.74	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0516	LF	1-1/4" x 3-1/2" Custom Shaped Fir	9.23	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0517	LF	1-1/4" x 4-1/2" Custom Shaped Fir	10.75	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0518	LF	1-1/4" x 5-1/2" Custom Shaped Fir	12.34	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0519	LF	1-1/4" x 6-1/2" Custom Shaped Fir	13.96	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0520	LF	1-1/4" x 7-1/2" Custom Shaped Fir	15.44	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0521	LF	1-1/4" x 8-1/2" Custom Shaped Fir	16.97	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.00*	
06 46 36 00-0522	LF	1-1/4" x 9-1/2" Custom Shaped Fir	18.42	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0523	LF	1-1/4" x 10-1/2" Custom Shaped Fir	20.07	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.07*	
06 46 36 00-0524	LF	1-1/4" x 11-1/2" Custom Shaped Fir	21.60	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0525	LF	1-1/2" x 1-1/2" Custom Shaped Fir	6.96	1.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0526	LF	1-1/2" x 2-1/2" Custom Shaped Fir	8.78	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0527	LF	1-1/2" x 3-1/2" Custom Shaped Fir	10.61	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.85*	
06 46 36 00-0528	LF	1-1/2" x 4-1/2" Custom Shaped Fir	12.44	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0529	LF	1-1/2" x 5-1/2" Custom Shaped Fir	14.28	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0530	LF	1-1/2" x 6-1/2" Custom Shaped Fir	16.30	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0531	LF	1-1/2" x 7-1/2" Custom Shaped Fir	18.12	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0532	LF	1-1/2" x 8-1/2" Custom Shaped Fir	19.97	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0533	LF	1-1/2" x 9-1/2" Custom Shaped Fir	21.75	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0534	LF	1-1/2" x 10-1/2" Custom Shaped Fir	23.70	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0535	LF	1-1/2" x 11-1/2" Custom Shaped Fir	25.58	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0536	LF	2-1/2" x 1-1/2" Custom Shaped Fir	10.57	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0537	LF	2-1/2" x 2-1/2" Custom Shaped Fir	14.12	1.11
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0538	LF	2-1/2" x 3-1/2" Custom Shaped Fir	17.66	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0539	LF	2-1/2" x 4-1/2" Custom Shaped Fir	21.29	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0540	LF	2-1/2" x 5-1/2" Custom Shaped Fir	24.83	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0541	LF	2-1/2" x 6-1/2" Custom Shaped Fir	28.55	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0542	LF	2-1/2" x 7-1/2" Custom Shaped Fir	32.09	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0543	LF	2-1/2" x 8-1/2" Custom Shaped Fir	35.78	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0544	LF	2-1/2" x 9-1/2" Custom Shaped Fir	39.26	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0545	LF	2-1/2" x 10-1/2" Custom Shaped Fir	42.81	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0546	LF	3-1/2" x 3-1/2" Custom Shaped Fir	21.63	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0547	LF	3-1/2" x 4-1/2" Custom Shaped Fir	26.17	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.95*	
06 46 36 00-0548	LF	3-1/2" x 5-1/2" Custom Shaped Fir	30.67	1.29
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0549	LF	3-1/2" x 6-1/2" Custom Shaped Fir	35.35	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0550	LF	3-1/2" x 7-1/2" Custom Shaped Fir	39.85	1.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0551	LF	3-1/2" x 8-1/2" Custom Shaped Fir	44.45	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0552	LF	3-1/2" x 9-1/2" Custom Shaped Fir	48.94	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0553	LF	3-1/2" x 10-1/2" Custom Shaped Fir	53.44	1.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	

06 46 36 00-0554 Maple *(06 46 36)*

06 46 36 00-0555	LF	3/4" x 1-1/2" Custom Shaped Maple	4.76	1.01
06 46 36 00-0556	LF	3/4" x 2-1/2" Custom Shaped Maple	5.64	1.01
06 46 36 00-0557	LF	3/4" x 3-1/2" Custom Shaped Maple	6.51	1.01
06 46 36 00-0558	LF	3/4" x 4-1/2" Custom Shaped Maple	7.38	1.11
06 46 36 00-0559	LF	3/4" x 5-1/2" Custom Shaped Maple	8.35	1.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0560	LF	3/4" x 6-1/2" Custom Shaped Maple	9.33	1.20
06 46 36 00-0561	LF	3/4" x 7-1/2" Custom Shaped Maple	10.18	1.20
06 46 36 00-0562	LF	3/4" x 8-1/2" Custom Shaped Maple	11.07	1.20
06 46 36 00-0563	LF	3/4" x 9-1/2" Custom Shaped Maple	11.90	1.29
06 46 36 00-0564	LF	3/4" x 10-1/2" Custom Shaped Maple	12.88	1.38
06 46 36 00-0565	LF	3/4" x 11-1/2" Custom Shaped Maple	13.79	1.38
06 46 36 00-0566	LF	1" x 1-1/2" Custom Shaped Maple	5.44	1.01
06 46 36 00-0567	LF	1" x 2-1/2" Custom Shaped Maple	6.57	1.01
06 46 36 00-0568	LF	1" x 3-1/2" Custom Shaped Maple	7.72	1.11
06 46 36 00-0569	LF	1" x 4-1/2" Custom Shaped Maple	8.89	1.11
06 46 36 00-0570	LF	1" x 5-1/2" Custom Shaped Maple	10.14	1.20
06 46 36 00-0571	LF	1" x 6-1/2" Custom Shaped Maple	11.38	1.20
06 46 36 00-0572	LF	1" x 7-1/2" Custom Shaped Maple	12.52	1.20
06 46 36 00-0573	LF	1" x 8-1/2" Custom Shaped Maple	13.70	1.29
06 46 36 00-0574	LF	1" x 9-1/2" Custom Shaped Maple	14.81	1.29
06 46 36 00-0575	LF	1" x 10-1/2" Custom Shaped Maple	15.58	1.38
06 46 36 00-0576	LF	1" x 11-1/2" Custom Shaped Maple	17.27	1.38
06 46 36 00-0577	LF	1-1/4" x 1-1/2" Custom Shaped Maple	6.01	1.01
06 46 36 00-0578	LF	1-1/4" x 2-1/2" Custom Shaped Maple	7.40	1.01
06 46 36 00-0579	LF	1-1/4" x 3-1/2" Custom Shaped Maple	8.79	1.11
06 46 36 00-0580	LF	1-1/4" x 4-1/2" Custom Shaped Maple	10.20	1.11
06 46 36 00-0581	LF	1-1/4" x 5-1/2" Custom Shaped Maple	11.69	1.20
06 46 36 00-0582	LF	1-1/4" x 6-1/2" Custom Shaped Maple	13.19	1.20
06 46 36 00-0583	LF	1-1/4" x 7-1/2" Custom Shaped Maple	14.58	1.29
06 46 36 00-0584	LF	1-1/4" x 8-1/2" Custom Shaped Maple	15.99	1.29
06 46 36 00-0585	LF	1-1/4" x 9-1/2" Custom Shaped Maple	17.34	1.29
06 46 36 00-0586	LF	1-1/4" x 10-1/2" Custom Shaped Maple	18.87	1.38
06 46 36 00-0587	LF	1-1/4" x 11-1/2" Custom Shaped Maple	20.30	1.47
06 46 36 00-0588	LF	1-1/2" x 1-1/2" Custom Shaped Maple	7.15	1.01
06 46 36 00-0589	LF	1-1/2" x 2-1/2" Custom Shaped Maple	9.07	1.11
06 46 36 00-0590	LF	1-1/2" x 3-1/2" Custom Shaped Maple	10.99	1.11
06 46 36 00-0591	LF	1-1/2" x 4-1/2" Custom Shaped Maple	12.92	1.20
06 46 36 00-0592	LF	1-1/2" x 5-1/2" Custom Shaped Maple	14.85	1.20
06 46 36 00-0593	LF	1-1/2" x 6-1/2" Custom Shaped Maple	16.97	1.29
06 46 36 00-0594	LF	1-1/2" x 7-1/2" Custom Shaped Maple	18.88	1.29
06 46 36 00-0595	LF	1-1/2" x 8-1/2" Custom Shaped Maple	21.07	1.38
06 46 36 00-0596	LF	1-1/2" x 9-1/2" Custom Shaped Maple	22.70	1.38
06 46 36 00-0597	LF	1-1/2" x 10-1/2" Custom Shaped Maple	24.80	1.47
06 46 36 00-0598	LF	1-1/2" x 11-1/2" Custom Shaped Maple	26.73	1.47
06 46 36 00-0599	LF	2" x 1-1/2" Custom Shaped Maple	8.97	1.11
06 46 36 00-0600	LF	2" x 2-1/2" Custom Shaped Maple	11.78	1.11
06 46 36 00-0601	LF	2" x 3-1/2" Custom Shaped Maple	14.55	1.11
06 46 36 00-0602	LF	2" x 4-1/2" Custom Shaped Maple	17.44	1.20
06 46 36 00-0603	LF	2" x 5-1/2" Custom Shaped Maple	20.21	1.20
06 46 36 00-0604	LF	2" x 6-1/2" Custom Shaped Maple	23.19	1.29
06 46 36 00-0605	LF	2" x 7-1/2" Custom Shaped Maple	25.96	1.29
06 46 36 00-0606	LF	2" x 8-1/2" Custom Shaped Maple	28.84	1.38
06 46 36 00-0607	LF	2" x 9-1/2" Custom Shaped Maple	31.63	1.38
06 46 36 00-0608	LF	2" x 10-1/2" Custom Shaped Maple	34.43	1.47
06 46 36 00-0609	LF	2" x 11-1/2" Custom Shaped Maple	37.64	1.56
06 46 36 00-0610	LF	3-1/2" x 3-1/2" Custom Shaped Maple	30.01	1.20
06 46 36 00-0611	LF	3-1/2" x 4-1/2" Custom Shaped Maple	36.71	1.20
06 46 36 00-0612	LF	3-1/2" x 5-1/2" Custom Shaped Maple	43.32	1.29
06 46 36 00-0613	LF	3-1/2" x 6-1/2" Custom Shaped Maple	50.11	1.38
06 46 36 00-0614	LF	3-1/2" x 7-1/2" Custom Shaped Maple	56.71	1.38
06 46 36 00-0615	LF	3-1/2" x 8-1/2" Custom Shaped Maple	63.42	1.47
06 46 36 00-0616	LF	3-1/2" x 9-1/2" Custom Shaped Maple	70.02	1.47
06 46 36 00-0617	LF	3-1/2" x 10-1/2" Custom Shaped Maple	76.63	1.47
06 46 36 00-0618	LF	3-1/2" x 11-1/2" Custom Shaped Maple	83.42	1.56

06 46 36 00-0619 Red Oak *(06 46 36)*

06 46 36 00-0620	LF	3/4" x 1-1/2" Custom Shaped Red Oak	5.05	1.01
06 46 36 00-0621	LF	3/4" x 2-1/2" Custom Shaped Red Oak	6.07	1.01
06 46 36 00-0622	LF	3/4" x 3-1/2" Custom Shaped Red Oak	7.08	1.01
06 46 36 00-0623	LF	3/4" x 4-1/2" Custom Shaped Red Oak	8.10	1.11
06 46 36 00-0624	LF	3/4" x 5-1/2" Custom Shaped Red Oak	9.21	1.11
06 46 36 00-0625	LF	3/4" x 6-1/2" Custom Shaped Red Oak	10.33	1.20
06 46 36 00-0626	LF	3/4" x 7-1/2" Custom Shaped Red Oak	11.33	1.20
06 46 36 00-0627	LF	3/4" x 8-1/2" Custom Shaped Red Oak	12.36	1.20
06 46 36 00-0628	LF	3/4" x 9-1/2" Custom Shaped Red Oak	13.33	1.29
06 46 36 00-0629	LF	3/4" x 10-1/2" Custom Shaped Red Oak	14.46	1.38
06 46 36 00-0630	LF	3/4" x 11-1/2" Custom Shaped Red Oak	15.51	1.38
06 46 36 00-0631	LF	1" x 1-1/2" Custom Shaped Red Oak	5.85	1.01
06 46 36 00-0632	LF	1" x 2-1/2" Custom Shaped Red Oak	7.21	1.01
06 46 36 00-0633	LF	1" x 3-1/2" Custom Shaped Red Oak	8.56	1.11
06 46 36 00-0634	LF	1" x 4-1/2" Custom Shaped Red Oak	10.42	1.11
06 46 36 00-0635	LF	1" x 5-1/2" Custom Shaped Red Oak	11.39	1.20
06 46 36 00-0636	LF	1" x 6-1/2" Custom Shaped Red Oak	12.86	1.20
06 46 36 00-0637	LF	1" x 7-1/2" Custom Shaped Red Oak	14.20	1.20
06 46 36 00-0638	LF	1" x 8-1/2" Custom Shaped Red Oak	15.57	1.29
06 46 36 00-0639	LF	1" x 9-1/2" Custom Shaped Red Oak	16.90	1.29
06 46 36 00-0640	LF	1" x 10-1/2" Custom Shaped Red Oak	18.39	1.38
06 46 36 00-0641	LF	1" x 11-1/2" Custom Shaped Red Oak	19.78	1.38
06 46 36 00-0642	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	6.94	1.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0643	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	8.81	1.01
06 46 36 00-0644	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	10.66	1.11
06 46 36 00-0645	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	12.54	1.11
06 46 36 00-0646	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	14.49	1.20
06 46 36 00-0647	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	16.48	1.20
06 46 36 00-0648	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	18.31	1.29
06 46 36 00-0649	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	20.21	1.29
06 46 36 00-0650	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	22.02	1.29
06 46 36 00-0651	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	24.02	1.38
06 46 36 00-0652	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	25.91	1.47
06 46 36 00-0653	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	9.16	1.01
06 46 36 00-0654	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	12.09	1.11
06 46 36 00-0655	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	15.02	1.11
06 46 36 00-0656	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	17.95	1.11
06 46 36 00-0657	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	20.89	1.20
06 46 36 00-0658	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	24.06	1.29
06 46 36 00-0659	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	26.93	1.29
06 46 36 00-0660	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	30.37	1.38
06 46 36 00-0661	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	32.77	1.38
06 46 36 00-0662	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	35.82	1.38
06 46 36 00-0663	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	38.80	1.47
06 46 36 00-0664	LF	2" x 1-1/2" Custom Shaped Red Oak	13.28	1.11
06 46 36 00-0665	LF	2" x 2-1/2" Custom Shaped Red Oak	18.24	1.11
06 46 36 00-0666	LF	2" x 3-1/2" Custom Shaped Red Oak	23.17	1.11
06 46 36 00-0667	LF	2" x 4-1/2" Custom Shaped Red Oak	28.21	1.20
06 46 36 00-0668	LF	2" x 5-1/2" Custom Shaped Red Oak	33.14	1.20
06 46 36 00-0669	LF	2" x 6-1/2" Custom Shaped Red Oak	38.28	1.29
06 46 36 00-0670	LF	2" x 7-1/2" Custom Shaped Red Oak	43.20	1.29
06 46 36 00-0671	LF	2" x 8-1/2" Custom Shaped Red Oak	48.25	1.38
06 46 36 00-0672	LF	2" x 9-1/2" Custom Shaped Red Oak	53.19	1.38
06 46 36 00-0673	LF	2" x 10-1/2" Custom Shaped Red Oak	58.15	1.47
06 46 36 00-0674	LF	2" x 11-1/2" Custom Shaped Red Oak	63.27	1.56
06 46 36 00-0675		**White Oak** *(06 46 36)*		
06 46 36 00-0676	LF	3/4" x 1-1/2" Custom Shaped White Oak	5.10	1.01
06 46 36 00-0677	LF	3/4" x 2-1/2" Custom Shaped White Oak	6.14	1.01
06 46 36 00-0678	LF	3/4" x 3-1/2" Custom Shaped White Oak	7.18	1.01
06 46 36 00-0679	LF	3/4" x 4-1/2" Custom Shaped White Oak	8.22	1.11
06 46 36 00-0680	LF	3/4" x 5-1/2" Custom Shaped White Oak	9.36	1.11
06 46 36 00-0681	LF	3/4" x 6-1/2" Custom Shaped White Oak	10.50	1.20
06 46 36 00-0682	LF	3/4" x 7-1/2" Custom Shaped White Oak	11.52	1.20
06 46 36 00-0683	LF	3/4" x 8-1/2" Custom Shaped White Oak	12.58	1.20
06 46 36 00-0684	LF	3/4" x 9-1/2" Custom Shaped White Oak	13.57	1.29
06 46 36 00-0685	LF	3/4" x 10-1/2" Custom Shaped White Oak	14.73	1.38
06 46 36 00-0686	LF	3/4" x 11-1/2" Custom Shaped White Oak	15.80	1.38
06 46 36 00-0687	LF	1" x 1-1/2" Custom Shaped White Oak	5.85	1.01
06 46 36 00-0688	LF	1" x 2-1/2" Custom Shaped White Oak	7.21	1.01
06 46 36 00-0689	LF	1" x 3-1/2" Custom Shaped White Oak	8.56	1.11
06 46 36 00-0690	LF	1" x 4-1/2" Custom Shaped White Oak	10.42	1.11
06 46 36 00-0691	LF	1" x 5-1/2" Custom Shaped White Oak	11.39	1.20
06 46 36 00-0692	LF	1" x 6-1/2" Custom Shaped White Oak	12.86	1.20
06 46 36 00-0693	LF	1" x 7-1/2" Custom Shaped White Oak	14.20	1.20
06 46 36 00-0694	LF	1" x 8-1/2" Custom Shaped White Oak	15.57	1.29
06 46 36 00-0695	LF	1" x 9-1/2" Custom Shaped White Oak	16.90	1.29
06 46 36 00-0696	LF	1" x 10-1/2" Custom Shaped White Oak	18.39	1.38
06 46 36 00-0697	LF	1" x 11-1/2" Custom Shaped White Oak	19.78	1.38
06 46 36 00-0698	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	7.01	1.01
06 46 36 00-0699	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	8.91	1.01
06 46 36 00-0700	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	10.81	1.11
06 46 36 00-0701	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	12.71	1.11
06 46 36 00-0702	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	14.71	1.20
06 46 36 00-0703	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	16.72	1.20
06 46 36 00-0704	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	18.60	1.29
06 46 36 00-0705	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	20.52	1.29
06 46 36 00-0706	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	22.38	1.29
06 46 36 00-0707	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	24.40	1.38
06 46 36 00-0708	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	26.34	1.47
06 46 36 00-0709	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	10.60	1.01
06 46 36 00-0710	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	14.25	1.11
06 46 36 00-0711	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	17.89	1.11
06 46 36 00-0712	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	21.55	1.20
06 46 36 00-0713	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	25.20	1.20
06 46 36 00-0714	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	29.05	1.29
06 46 36 00-0715	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	32.68	1.29
06 46 36 00-0716	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	36.36	1.38
06 46 36 00-0717	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	39.47	1.38
06 46 36 00-0718	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	43.73	1.47
06 46 36 00-0719	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	47.42	1.47
06 46 36 00-0720		**White Pine** *(06 46 36)*		
06 46 36 00-0721	LF	3/4" x 1-1/2" Custom Shaped White Pine	5.53	1.01
06 46 36 00-0722	LF	3/4" x 2-1/2" Custom Shaped White Pine	6.79	1.01
06 46 36 00-0723	LF	3/4" x 3-1/2" Custom Shaped White Pine	8.04	1.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0724	LF	3/4" x 4-1/2" Custom Shaped White Pine	9.30	1.11
06 46 36 00-0725	LF	3/4" x 5-1/2" Custom Shaped White Pine	10.65	1.11
06 46 36 00-0726	LF	3/4" x 6-1/2" Custom Shaped White Pine	12.01	1.20
06 46 36 00-0727	LF	3/4" x 7-1/2" Custom Shaped White Pine	13.25	1.20
06 46 36 00-0728	LF	3/4" x 8-1/2" Custom Shaped White Pine	14.52	1.20
06 46 36 00-0729	LF	3/4" x 9-1/2" Custom Shaped White Pine	16.45	1.29
06 46 36 00-0730	LF	3/4" x 10-1/2" Custom Shaped White Pine	17.89	1.38
06 46 36 00-0731	LF	1" x 1-1/2" Custom Shaped White Pine	6.08	1.01
06 46 36 00-0732	LF	1" x 2-1/2" Custom Shaped White Pine	7.57	1.01
06 46 36 00-0733	LF	1" x 3-1/2" Custom Shaped White Pine	9.04	1.11
06 46 36 00-0734	LF	1" x 4-1/2" Custom Shaped White Pine	10.54	1.11
06 46 36 00-0735	LF	1" x 5-1/2" Custom Shaped White Pine	12.10	1.20
06 46 36 00-0736	LF	1" x 6-1/2" Custom Shaped White Pine	13.70	1.20
06 46 36 00-0737	LF	1" x 7-1/2" Custom Shaped White Pine	15.16	1.20
06 46 36 00-0738	LF	1" x 8-1/2" Custom Shaped White Pine	16.67	1.29
06 46 36 00-0739	LF	1" x 9-1/2" Custom Shaped White Pine	18.09	1.29
06 46 36 00-0740	LF	1" x 10-1/2" Custom Shaped White Pine	19.70	1.38
06 46 36 00-0741	LF	1" x 11-1/2" Custom Shaped White Pine	21.22	1.38
06 46 36 00-0742	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	6.73	1.01
06 46 36 00-0743	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	8.48	1.01
06 46 36 00-0744	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	10.28	1.11
06 46 36 00-0745	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	11.99	1.11
06 46 36 00-0746	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	13.85	1.20
06 46 36 00-0747	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	15.71	1.20
06 46 36 00-0748	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	17.45	1.29
06 46 36 00-0749	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	19.23	1.29
06 46 36 00-0750	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	20.94	1.29
06 46 36 00-0751	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	22.82	1.38
06 46 36 00-0752	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	24.61	1.47
06 46 36 00-0753	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	8.11	1.01
06 46 36 00-0754	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	10.51	1.11
06 46 36 00-0755	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	12.91	1.11
06 46 36 00-0756	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	15.32	1.20
06 46 36 00-0757	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	17.73	1.20
06 46 36 00-0758	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	20.33	1.29
06 46 36 00-0759	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	22.72	1.29
06 46 36 00-0760	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	25.15	1.38
06 46 36 00-0761	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	27.97	1.38
06 46 36 00-0762	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	30.03	1.47
06 46 36 00-0763	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	32.47	1.47
06 46 36 00-0764	LF	2" x 1-1/2" Custom Shaped White Pine	11.72	1.11
06 46 36 00-0765	LF	2" x 2-1/2" Custom Shaped White Pine	15.90	1.11
06 46 36 00-0766	LF	2" x 3-1/2" Custom Shaped White Pine	20.06	1.11
06 46 36 00-0767	LF	2" x 4-1/2" Custom Shaped White Pine	24.31	1.20
06 46 36 00-0768	LF	2" x 5-1/2" Custom Shaped White Pine	28.47	1.20
06 46 36 00-0769	LF	2" x 6-1/2" Custom Shaped White Pine	32.81	1.29
06 46 36 00-0770	LF	2" x 7-1/2" Custom Shaped White Pine	36.98	1.29
06 46 36 00-0771	LF	2" x 8-1/2" Custom Shaped White Pine	41.23	1.38
06 46 36 00-0772	LF	2" x 9-1/2" Custom Shaped White Pine	45.40	1.38
06 46 36 00-0773	LF	2" x 10-1/2" Custom Shaped White Pine	49.57	1.47
06 46 36 00-0774	LF	2" x 11-1/2" Custom Shaped White Pine	53.93	1.56
06 46 36 00-0775	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	13.73	1.11
06 46 36 00-0776	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	18.86	1.11
06 46 36 00-0777	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	23.98	1.20
06 46 36 00-0778	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	29.19	1.20
06 46 36 00-0779	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	34.31	1.20
06 46 36 00-0780	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	39.61	1.29
06 46 36 00-0781	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	44.74	1.38
06 46 36 00-0782	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	49.96	1.38
06 46 36 00-0783	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	55.07	1.47
06 46 36 00-0784	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	60.20	1.47
06 46 36 00-0785	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	65.51	1.56
06 46 36 00-0786	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	32.69	1.20
06 46 36 00-0787	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	40.06	1.20
06 46 36 00-0788	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	47.35	1.29
06 46 36 00-0789	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	54.80	1.38
06 46 36 00-0790	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	62.08	1.38
06 46 36 00-0791	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	69.45	1.47
06 46 36 00-0792	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	76.73	1.47
06 46 36 00-0793	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	84.01	1.47
06 46 36 00-0794	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	91.47	1.56

06 46 36 00-0795 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0796	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	5.00	1.01
06 46 36 00-0797	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	6.00	1.01
06 46 36 00-0798	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	6.99	1.01
06 46 36 00-0799	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	7.98	1.11
06 46 36 00-0800	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	9.07	1.11
06 46 36 00-0801	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	10.16	1.20
06 46 36 00-0802	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	12.10	1.20
06 46 36 00-0803	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	13.22	1.20
06 46 36 00-0804	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	13.31	1.29
06 46 36 00-0805	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	14.20	1.38
06 46 36 00-0806	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	5.80	1.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0807	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	7.12	1.01
06 46 36 00-0808	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	8.44	1.11
06 46 36 00-0809	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	9.77	1.11
06 46 36 00-0810	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	11.22	1.20
06 46 36 00-0811	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	12.65	1.20
06 46 36 00-0812	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	15.64	1.20
06 46 36 00-0813	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	17.19	1.29
06 46 36 00-0814	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	18.69	1.29
06 46 36 00-0815	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	20.35	1.38
06 46 36 00-0816	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	7.25	1.01
06 46 36 00-0817	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	9.22	1.11
06 46 36 00-0818	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	11.18	1.11
06 46 36 00-0819	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	13.16	1.20
06 46 36 00-0820	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	15.14	1.20
06 46 36 00-0821	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	17.36	1.29
06 46 36 00-0822	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	22.72	1.29
06 46 36 00-0823	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	25.15	1.38
06 46 36 00-0824	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	29.41	1.38
06 46 36 00-0825	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	32.13	1.47
06 46 36 00-0826	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	30.78	1.20
06 46 36 00-0827	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	37.67	1.20
06 46 36 00-0828	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	44.47	1.29
06 46 36 00-0829	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	51.45	1.38
06 46 36 00-0830	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	58.25	1.38
06 46 36 00-0831	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	65.14	1.47
06 46 36 00-0832	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	71.94	1.47
06 46 36 00-0833	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	78.74	1.47
06 46 36 00-0834	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	85.72	1.56
06 46 36 00-0835		Walnut *(06 46 36)*		
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	6.87	1.01
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	8.80	1.01
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	10.72	1.01
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	12.65	1.11
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	14.67	1.11
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	16.70	1.20
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	18.61	1.20
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	20.55	1.20
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	22.43	1.29
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	24.48	1.38
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	26.44	1.38
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	8.00	1.01
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	10.45	1.01
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	12.87	1.11
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	15.33	1.11
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	17.85	1.20
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	20.41	1.20
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	22.82	1.20
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	25.29	1.29
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	27.67	1.29
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	30.24	1.38
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	32.72	1.38
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	9.53	1.01
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	12.69	1.01
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	15.84	1.11
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	19.01	1.11
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	22.25	1.20
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	25.53	1.20
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	28.66	1.29
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	31.85	1.29
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	34.95	1.29
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	38.25	1.38
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	41.43	1.47
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	12.42	1.01
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	16.98	1.11
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	21.53	1.11
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	26.10	1.20
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	30.66	1.20
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	35.42	1.29
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	39.96	1.29
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	44.55	1.38
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	49.53	1.38
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	53.74	1.47
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	58.34	1.47
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	19.87	1.11
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	28.11	1.11
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	36.35	1.11
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	44.67	1.20
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	52.91	1.20
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	61.32	1.29
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	69.55	1.29
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	77.88	1.38
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	86.12	1.38
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	94.37	1.47

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	102.79	1.56
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	24.51	1.11
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	35.03	1.11
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	45.54	1.20
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	56.14	1.20
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	66.65	1.20
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	77.34	1.29
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	87.86	1.38
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	98.47	1.38
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	108.97	1.47
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	119.49	1.47
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	130.19	1.56

06 48 Wood Frames *(06 40)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	250.64	52.10
		For Birch, Add	*51.29*	
		For Mahogany, Add	*124.57*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	263.54	54.59
		For Birch, Add	*54.19*	
		For Mahogany, Add	*131.61*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	276.45	56.72
		For Birch, Add	*57.09*	
		For Mahogany, Add	*138.65*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	301.13	60.70
		For Birch, Add	*62.88*	
		For Mahogany, Add	*152.72*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	326.37	65.05
		For Birch, Add	*68.69*	
		For Mahogany, Add	*166.81*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	373.74	52.28
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	380.59	54.59
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	387.40	56.91
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	399.29	60.61
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	413.09	65.23
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	293.12	52.28
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	307.24	54.59
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	321.45	56.91
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	347.86	60.61
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	376.13	65.23

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	125.42	24.80
		For Oak Or Maple, Add	*23.51*	
		For Birch, Add	*26.55*	
		For Mahogany, Add	*64.47*	
		For Walnut Frame, Add	*34.13*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	126.29	24.89
		For Oak Or Maple, Add	*23.71*	
		For Birch, Add	*26.77*	
		For Mahogany, Add	*65.02*	
		For Walnut Frame, Add	*34.42*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	127.84	25.35
		For Oak Or Maple, Add	*23.89*	
		For Birch, Add	*26.97*	
		For Mahogany, Add	*65.50*	
		For Walnut Frame, Add	*34.68*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	129.86	26.00
		For Oak Or Maple, Add	*24.12*	
		For Birch, Add	*27.24*	
		For Mahogany, Add	*66.15*	
		For Walnut Frame, Add	*35.02*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	132.85	26.65
		For Oak Or Maple, Add	*24.64*	
		For Birch, Add	*27.81*	
		For Mahogany, Add	*67.55*	
		For Walnut Frame, Add	*35.76*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	140.35	28.32
		For Oak Or Maple, Add	*25.94*	
		For Birch, Add	*29.28*	
		For Mahogany, Add	*71.12*	
		For Walnut Frame, Add	*37.65*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	149.20	30.63
		For Oak Or Maple, Add	*27.25*	
		For Birch, Add	*30.76*	
		For Mahogany, Add	*74.71*	
		For Walnut Frame, Add	*39.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	157.15	32.57
		For Oak Or Maple, Add	*28.55*	
		For Birch, Add	*32.23*	
		For Mahogany, Add	*78.28*	
		For Walnut Frame, Add	*41.44*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	5.83	2.22
		For Oak Or Maple, Add	*0.43*	
		For Birch, Add	*0.49*	
		For Mahogany, Add	*1.18*	
		For Walnut Frame, Add	*0.63*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes And Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

Note: Available in gray, redwood, black. Plastic lumber can be cut with saw for desired length or shape, drilled, screwed, nailed or stapled.

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	7.30	1.49
		For Reinforced Structural Plastic Lumber, Add	*1.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.47*	
		For White Color, Add	*2.20*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.86*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	9.20	1.62
		For Reinforced Structural Plastic Lumber, Add	*2.55*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.62*	
		For White Color, Add	*2.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.48*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	10.91	1.75
		For Reinforced Structural Plastic Lumber, Add	*3.12*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.76*	
		For White Color, Add	*3.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.03*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	15.72	2.07
		For Reinforced Structural Plastic Lumber, Add	*4.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.15*	
		For White Color, Add	*5.42*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.59*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	18.75	2.33
		For Reinforced Structural Plastic Lumber, Add	*5.71*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.39*	
		For White Color, Add	*6.55*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.55*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	10.46	2.01
		For Reinforced Structural Plastic Lumber, Add	*2.81*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.68*	
		For White Color, Add	*3.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.73*	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	13.83	2.14
		For Reinforced Structural Plastic Lumber, Add	*3.99*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	14.39	2.20
		For Reinforced Structural Plastic Lumber, Add	*4.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.01*	
		For White Color, Add	*4.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.05*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	19.57	2.39
		For Reinforced Structural Plastic Lumber, Add	*5.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.45*	
		For White Color, Add	*6.86*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.81*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	26.36	2.52
		For Reinforced Structural Plastic Lumber, Add	*8.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.05*	
		For White Color, Add	*9.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.19*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	4.70	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.48*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.26*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	6.38	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.47*	
		For White Color, Add	*2.20*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.86*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	8.27	0.97
		For Reinforced Structural Plastic Lumber, Add	*2.55*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.62*	
		For White Color, Add	*2.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.48*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	10.08	1.17
		For Reinforced Structural Plastic Lumber, Add	*3.12*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.76*	
		For White Color, Add	*3.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.03*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	14.71	1.36
		For Reinforced Structural Plastic Lumber, Add	*4.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.15*	
		For White Color, Add	*5.42*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.59*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	17.92	1.75
		For Reinforced Structural Plastic Lumber, Add	*5.71*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.39*	
		For White Color, Add	*6.55*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.55*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	9.34	1.23
		For Reinforced Structural Plastic Lumber, Add	*2.81*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.68*	
		For White Color, Add	*3.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.73*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	12.63	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.99*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	13.28	1.43
		For Reinforced Structural Plastic Lumber, Add	*4.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.01*	
		For White Color, Add	*4.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.05*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	18.45	1.62
		For Reinforced Structural Plastic Lumber, Add	*5.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.45*	
		For White Color, Add	*6.86*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.81*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	25.24	1.75
		For Reinforced Structural Plastic Lumber, Add	*8.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.05*	
		For White Color, Add	*9.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.19*	

06 51 13 00-0024 Columns, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	11.39	2.66
		For Reinforced Structural Plastic Lumber, Add	*2.81*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.68*	
		For White Color, Add	*3.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.73*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	16.15	3.76
		For Reinforced Structural Plastic Lumber, Add	*3.99*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	17.26	4.21
		For Reinforced Structural Plastic Lumber, Add	*4.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.01*	
		For White Color, Add	*4.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	22.98	4.79
		For Reinforced Structural Plastic Lumber, Add	*5.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.45*	
		For White Color, Add	*6.86*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.81*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	31.16	5.90
		For Reinforced Structural Plastic Lumber, Add	*8.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.05*	
		For White Color, Add	*9.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.19*	

06 51 13 00-0030 Walls, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	4.26	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.13*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.27*	
		For White Color, Add	*1.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.10*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	4.88	0.97
		For Reinforced Structural Plastic Lumber, Add	*1.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.48*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.26*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	6.65	1.03
		For Reinforced Structural Plastic Lumber, Add	*1.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.47*	
		For White Color, Add	*2.20*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.86*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	8.45	1.10
		For Reinforced Structural Plastic Lumber, Add	*2.55*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.62*	
		For White Color, Add	*2.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.48*	

06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	4.14	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.27*	
		For White Color, Add	*1.28*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.08*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	5.19	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.47*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.36*	
		For White Color, Add	*1.69*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.43*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	6.68	0.83
		For Reinforced Structural Plastic Lumber, Add	*2.02*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.49*	
		For White Color, Add	*2.32*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.97*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	4.16	0.74
		For Reinforced Structural Plastic Lumber, Add	*1.12*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.27*	
		For White Color, Add	*1.28*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.09*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	4.59	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.25*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.30*	
		For White Color, Add	*1.44*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.22*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	4.66	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.28*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.24*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	2.94	0.71
		For Reinforced Structural Plastic Lumber, Add	*0.71*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.17*	
		For White Color, Add	*0.82*	
		For All Other Colors (Except Black, Brown Or White), Add	*0.69*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	4.26	0.83
		For Reinforced Structural Plastic Lumber, Add	*1.13*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.27*	
		For White Color, Add	*1.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	4.88	0.97
		For Reinforced Structural Plastic Lumber, Add	*1.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.48*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.26*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	6.65	1.03
		For Reinforced Structural Plastic Lumber, Add	*1.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.47*	
		For White Color, Add	*2.20*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.86*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	8.45	1.10
		For Reinforced Structural Plastic Lumber, Add	*2.55*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.62*	
		For White Color, Add	*2.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.48*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	10.08	1.17
		For Reinforced Structural Plastic Lumber, Add	*3.12*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.76*	
		For White Color, Add	*3.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.03*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	12.10	1.23
		For Reinforced Structural Plastic Lumber, Add	*3.83*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.93*	
		For White Color, Add	*4.40*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.73*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	6.87	1.14
		For Reinforced Structural Plastic Lumber, Add	*1.94*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.47*	
		For White Color, Add	*2.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.89*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	9.86	1.22
		For Reinforced Structural Plastic Lumber, Add	*3.01*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.73*	
		For White Color, Add	*3.46*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.93*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	12.72	1.30
		For Reinforced Structural Plastic Lumber, Add	*4.03*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.98*	
		For White Color, Add	*4.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.92*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	14.71	1.36
		For Reinforced Structural Plastic Lumber, Add	*4.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.15*	
		For White Color, Add	*5.42*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.59*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	17.92	1.75
		For Reinforced Structural Plastic Lumber, Add	*5.71*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.39*	
		For White Color, Add	*6.55*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.55*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	9.34	1.23
		For Reinforced Structural Plastic Lumber, Add	*2.81*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.68*	
		For White Color, Add	*3.23*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.73*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	12.63	1.30
		For Reinforced Structural Plastic Lumber, Add	*3.99*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	16.84	1.41
		For Reinforced Structural Plastic Lumber, Add	*5.49*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.33*	
		For White Color, Add	*6.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.34*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	13.28	1.43
		For Reinforced Structural Plastic Lumber, Add	*4.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.01*	
		For White Color, Add	*4.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.05*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	18.45	1.62
		For Reinforced Structural Plastic Lumber, Add	*5.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.45*	
		For White Color, Add	*6.86*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	25.24	1.75
		For Reinforced Structural Plastic Lumber, Add	*8.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.05*	
		For White Color, Add	*9.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.19*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	35.41	1.95
		For Reinforced Structural Plastic Lumber, Add	*12.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.94*	
		For White Color, Add	*13.87*	
		For All Other Colors (Except Black, Brown Or White), Add	*11.75*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	31.55	1.86
		For Reinforced Structural Plastic Lumber, Add	*10.69*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.60*	
		For White Color, Add	*12.27*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.40*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	53.34	1.95
		For Reinforced Structural Plastic Lumber, Add	*18.71*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.55*	
		For White Color, Add	*21.49*	
		For All Other Colors (Except Black, Brown Or White), Add	*18.20*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	73.69	2.04
		For Reinforced Structural Plastic Lumber, Add	*26.20*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*6.37*	
		For White Color, Add	*30.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*25.49*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	3.10	0.65
		For Reinforced Structural Plastic Lumber, Add	*0.81*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.20*	
		For White Color, Add	*0.93*	
		For All Other Colors (Except Black, Brown Or White), Add	*0.78*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	8.47	0.83
		For Reinforced Structural Plastic Lumber, Add	*2.69*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.65*	
		For White Color, Add	*3.09*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.61*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	9.35	0.97
		For Reinforced Structural Plastic Lumber, Add	*2.95*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.72*	
		For White Color, Add	*3.38*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.87*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	11.56	1.17
		For Reinforced Structural Plastic Lumber, Add	*3.66*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.89*	
		For White Color, Add	*4.21*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.56*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	25.05	1.36
		For Reinforced Structural Plastic Lumber, Add	*8.55*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.08*	
		For White Color, Add	*9.82*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.32*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	2.59	0.71
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	3.66	0.74
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	5.17	0.79
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	6.50	0.81

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	17.55	5.38
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	24.63	7.82
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	28.90	8.80
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	37.32	9.20
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	46.03	10.63
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	34.07	10.18
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	38.01	10.99
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	45.49	12.21
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	66.53	13.03
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	93.31	14.25

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	18.89	5.38
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	26.42	7.82
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	31.16	8.80
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	41.12	9.20
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	50.98	10.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	36.81	10.18
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	41.21	10.99
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	49.70	12.21
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	74.62	13.03
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	106.27	14.25
06 52 13 00-0023		Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*		
06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	169.38	12.21
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	227.56	14.25
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	293.11	16.29
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	203.32	12.21
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	244.99	14.25
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	360.99	16.29
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	258.36	12.21
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	313.80	14.25
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	417.87	16.29
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	172.13	12.21
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	233.07	14.25
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	298.61	16.29
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	172.13	12.21
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	207.38	14.25
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	275.68	16.29

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	SF	12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread	47.01	5.05

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002		Base, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	4.74	1.84
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	5.82	2.29
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	4.56	1.93
06 65 00 00-0006		Cornice, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	4.47	1.84
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	5.27	1.93
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	6.73	2.02
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	7.57	2.11
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	8.55	2.20
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	10.54	2.29
06 65 00 00-0013		Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	6.86	1.84
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	9.06	2.29
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	9.37	2.29
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	9.68	2.29
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	12.44	2.76
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	14.34	2.76
06 65 00 00-0020		Dentil, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	6.05	1.84
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	6.63	1.84
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	7.94	1.84
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	10.21	1.84
06 65 00 00-0025		Cove, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	2.51	1.01
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	2.66	1.01
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	3.42	1.20
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	3.42	1.20
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	4.10	1.20
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	5.28	1.38
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	6.72	1.38
06 65 00 00-0033		Chair Rail, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	4.04	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	5.42	1.84
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	6.30	1.84
06 65 00 00-0037		Door, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	3.82	1.65
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	3.84	1.65
06 65 00 00-0040		Trim, Plastic Moldings *(06 65 00 00-0001)*		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	4.16	1.93
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	4.49	1.93
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	4.91	1.84
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	5.49	1.84
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	4.35	1.84
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	5.91	1.84
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	4.67	1.84
06 65 00 00-0048		Extruded Polyvinyl Chloride (PVC) Trimboard *(06 65)*		
		Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	2.66	0.73
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	3.68	0.82
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	4.75	0.91
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	5.66	0.94
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	6.64	0.97
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	3.18	0.73
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	4.48	0.82
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	5.64	0.91
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	6.88	0.94
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	8.00	0.97
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	6.60	0.94
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	8.61	0.97
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	4.68	0.82
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	6.62	0.91

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001		Molded Fiberglass Gratings And Coverings *(06 74 13)*		
06 74 13 00-0002		Vi-Corr Resin System *(06 74 13 00-0001)*		
		Note: Orange or dark gray.		
06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	33.69	1.52
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	32.72	1.52
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	42.73	1.52
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	46.25	1.93
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	35.36	1.52
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	34.36	1.52
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	45.14	1.52
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	48.52	1.93
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	31.93	1.21
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	51.75	1.33
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	70.95	1.47
06 74 13 00-0014		IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*		
06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	30.98	1.52
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	29.01	1.52
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	37.36	1.52
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	40.29	1.93
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	32.35	1.52
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	29.79	1.52
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	40.58	1.93
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	42.54	1.93
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	28.14	1.21
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	39.86	1.33
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	54.77	1.47
06 74 13 00-0026		Corvex Polyester Resin *(06 74 13 00-0001)*		
		Note: Dark gray.		
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	26.27	1.52
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	25.23	1.52
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	30.60	1.52
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	35.17	1.93
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	28.01	1.52
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	26.95	1.52
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	32.61	1.52
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	36.89	1.93
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	24.84	1.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	39.68	1.33
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	55.06	1.47
06 74 13 00-0038		**XFR Extra Fire Retardant** *(06 74 13 00-0001)*		
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	38.70	1.52
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	37.57	1.52
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	51.46	1.52
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	54.96	1.93
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	40.39	1.52
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	39.29	1.52
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	53.47	1.52
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	57.40	1.93
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	36.58	1.21
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	59.21	1.33
06 74 13 00-0049		**ELS Extremely Low Smoke Resin** *(06 74 13 00-0001)*		
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	39.69	1.52
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	38.48	1.52
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	50.08	1.52
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	53.66	1.93
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	41.26	1.52
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	40.27	1.52
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	52.01	1.52
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	55.61	1.93
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	40.90	1.21
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	73.81	1.33
06 74 13 00-0060		**Pultruded Fiberglass Grating** *(06 74 13)*		
06 74 13 00-0061		**ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		**1" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	28.19	1.93
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	25.01	1.52
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	31.90	1.93
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	29.49	1.52
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	21.97	1.93
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	19.45	1.52
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	25.18	1.93
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	22.72	1.52
06 74 13 00-0071		**1-1/2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	31.86	1.93
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	28.76	1.52
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	35.82	1.93
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	33.60	1.52
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	27.99	1.93
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	25.53	1.52
06 74 13 00-0078		**2" ISOFR Isophthalic Polyester Resin System** *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	27.60	1.93
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	30.57	1.93
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	36.98	1.93
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	34.88	1.93
06 74 13 00-0083		**VERF Vinyl Ester Resin System** *(06 74 13 00-0060)*		
06 74 13 00-0084		**1" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	29.86	1.52
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.69	1.52
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	33.60	1.52
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	38.60	1.52
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	22.89	1.52
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	20.44	1.52
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	26.30	1.52
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	24.12	1.52
06 74 13 00-0093		**1-1/2" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	32.80	1.52
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	29.66	1.52
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	37.52	1.52
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	35.02	1.52
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	29.46	1.52
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	27.13	1.52
06 74 13 00-0100		**2" VERF Vinyl Ester Resin System** *(06 74 13 00-0083)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	29.01	1.93
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.74	1.93
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	38.95	1.93
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	37.82	1.93

06 80 Composite Fabrications *(06)*

06 82 Composite Trim *(06 80)*

06 82 00 00-0001 Fiberglass Castings *(06 82)*

06 82 00 00-0002 Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	7.24	2.53
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	7.59	2.53
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	13.54	3.03
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	14.96	3.03
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	15.05	3.03
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	16.08	3.03
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.46	3.03
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	19.66	3.03
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	47.14	3.78
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	54.23	3.78

06 82 00 00-0013 Fiberglass Channels *(06 82 00 00-0001)*

06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	8.35	3.78
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	8.70	3.78
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	17.49	4.30
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	17.49	4.30
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	27.45	4.30
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	31.93	4.30
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	25.78	4.30
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	31.18	4.30
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	39.27	5.90
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	45.05	5.90

06 82 00 00-0024 Fiberglass Wide Flange Beams *(06 82 00 00-0001)*

06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	23.91	5.05
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	26.14	5.05
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	30.60	6.06
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	31.67	6.06
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	49.38	7.58
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	61.98	7.58
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	109.75	9.26
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	123.53	9.26

06 82 00 00-0033 Fiberglass Flat Sheet *(06 82 00 00-0001)*

Note: Not to be used for bathroom board.

06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	19.76	4.30
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	20.64	4.30
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	31.06	5.05
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	35.74	5.05
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	42.16	6.06
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	49.19	6.06
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	56.86	7.58
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	67.62	7.58

06 82 00 00-0042 Fiberglass Bars *(06 82 00 00-0001)*

06 82 00 00-0043 Square Bars *(06 82 00 00-0042)*

06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	11.75	3.03
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	16.87	4.46
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	19.78	5.90

06 82 00 00-0047 Round Bars *(06 82 00 00-0042)*

06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	7.55	2.53
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	16.20	3.78
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	18.33	3.78
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	24.31	3.78
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	29.05	4.30

06 82 00 00-0053 Fiberglass Tubes *(06 82 00 00-0001)*

06 82 00 00-0054 Square Tube *(06 82 00 00-0053)*

06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	8.52	2.53
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	9.21	2.53
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	12.59	3.03
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	13.81	3.03
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	24.04	3.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	26.86	3.78
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	28.29	4.55
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	36.13	4.55
06 82 00 00-0063		Round Tube *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	8.16	2.53
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	8.47	2.53
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	15.30	3.03
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	16.33	3.03
06 82 00 00-0068		Fiberglass Threaded Rods *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	11.02	1.93
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	11.74	1.93
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.47	2.18
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.85	2.18
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.42	2.18
06 82 00 00-0074		Grating Support Legs, VEFR Resin *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	20.50	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.79	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	33.04	
06 82 00 00-0078		Fiberglass Netting *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.58	0.27
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.58	0.27
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.58	0.27
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.58	0.27
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.58	0.27
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.57	0.27
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.57	0.27
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.57	0.27
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.57	0.27
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.57	0.27
06 82 00 00-0089		Fiberglass Stair Treads *(06 82)*		
06 82 00 00-0090		Fiberglass Stair Treads *(06 82 00 00-0089)*		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	73.17	13.22
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	84.88	13.22
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	96.60	13.22
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	108.31	13.22
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	80.20	13.22
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	93.67	13.22
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	107.14	13.22
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	120.61	13.22
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	90.98	13.22
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	107.14	13.22
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	123.31	13.22
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	139.48	13.22
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	79.87	13.22
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	93.25	13.22
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	106.65	13.22
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	120.03	13.22
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	87.90	13.22
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	103.30	13.22
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	118.69	13.22
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	134.09	13.22
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	100.22	13.22
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	118.69	13.22
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	137.17	13.22
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	155.65	13.22
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	11.26	2.72

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)*
Note: Includes adhesive and trim.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Including Adhesive And Trim	3.92	1.37

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation And Maintenance Of Thermal And Moisture Protection *(07)*

07 01 50 Maintenance Of Membrane Roofing *(07 01)*

07 01 50 19 Preparation For Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Remove Pea Gravel Ballast From Roof, Vacuum And Disposal	19.80
07 01 50 19-0003	SQ	Remove Gravel Ballast From Roof, Vacuum And Disposal	33.01

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.12
		For Up To 100, Add	*0.09*
		For >100 To 250, Add	*0.04*
		For >250 To 500, Add	*0.02*
		For >5,000 To 10,000, Deduct	*-0.01*
		For >10,000 To 15,000, Deduct	*-0.01*
		For >15,000 To 30,000, Deduct	*-0.02*
		For >30,000, Deduct	*-0.02*

07 05 Common Work Results For Thermal And Moisture Protection *(07)*

07 05 13 Small Quantities And Repairs For Roofing *(07 05)*

07 05 13 00-0001 Small Quantity Labor Set-Up Charge *(07 05 13)*

Note: For use with all roofing tasks where the total roof quantity is 4 squares or less. This adjustment is to allow for minimum charge for labor. Excludes material cost or labor to install material.

07 05 13 00-0002	EA	Labor Crew Up-Charge For 1 SQ Or Less	1,146.98
07 05 13 00-0003	EA	Labor Crew Up-Charge For >1 To 2 SQ	858.17
07 05 13 00-0004	EA	Labor Crew Up-Charge For >2 To 3 SQ	573.49
07 05 13 00-0005	EA	Labor Crew Up-Charge For >3 To 4 SQ	286.06

07 05 13 00-0006 Roof Repair *(07 05 13)*

Note: Less than 100 SF areas. Excludes small quantity labor set-up charge. See CSI section 07 05 13 00-0001 for small quantity labor set-up charge.

07 05 13 00-0007	SF	Roof Repair, Built-Up Roofing, Up To 10 SF	22.28
07 05 13 00-0008	SF	Roof Repair, Built-Up Roofing, >10 To 25 SF	20.08
07 05 13 00-0009	SF	Roof Repair, Built-Up Roofing, >25 To 50 SF	18.34
07 05 13 00-0010	SF	Roof Repair, Built-Up Roofing, >50 To 100 SF	17.05
07 05 13 00-0011	SF	Roof Repair, Membrane Roofing, Up To 10 SF	25.52
07 05 13 00-0012	SF	Roof Repair, Membrane Roofing, >10 To 25 SF	23.32
07 05 13 00-0013	SF	Roof Repair, Membrane Roofing, >25 To 50 SF	21.58
07 05 13 00-0014	SF	Roof Repair, Membrane Roofing, >50 To 100 SF	20.29
07 05 13 00-0015	SF	Roof Repair, Shingle Roofing, Up To 10 SF	19.05
07 05 13 00-0016	SF	Roof Repair, Shingle Roofing, >10 To 25 SF	17.17
07 05 13 00-0017	SF	Roof Repair, Shingle Roofing, >25 To 50 SF	15.76
07 05 13 00-0018	SF	Roof Repair, Shingle Roofing, >50 To 100 SF	14.79
07 05 13 00-0019	LF	Heat Weld Roofing Seams For Repair	6.36

07 05 13 00-0020 Emergency Roof Patch *(07 05 13)*

Note: 4 Hour response time.

07 05 13 00-0021	EA	Granule Emergency Roof Patch Cover 16 SF	93.35
07 05 13 00-0022	EA	Mobilize For Emergency Roof Patching	381.11

07 05 13 00-0023 Adhesives *(07 05 13)*

Note: For repair of seams.

07 05 13 00-0024 Mastic Sealer *(07 05 13 00-0023)*

07 05 13 00-0025 Applied At Joints Only *(07 05 13 00-0024)*

07 05 13 00-0026	LF	Mastic Sealer, 1/4" Bead At Joint	3.79	1.63

07 10 Dampproofing And Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 11 13 00-0001		Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*		
07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	127.90	
07 11 13 00-0003	CSF	2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	204.24	
07 11 13 00-0004		Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*		
07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	213.80	
07 11 13 00-0006	CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	322.19	
07 11 13 00-0007		Asphaltic Paint Dampproofing *(07 11 13)*		
07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	105.53	
07 11 13 00-0009	CSF	2 Coats, Asphaltic Paint Dampproofing, Brushed On	193.86	
07 11 19		**Sheet Dampproofing** *(07 11)*		
07 11 19 00-0001		Neoprene *(07 11 19)*		
07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5-20 SF)	30.87	
07 13		**Sheet Waterproofing** *(07 10)*		
07 13 13		**Bituminous Sheet Waterproofing** *(07 13)*		
07 13 13 00-0001		15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*		
07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	230.77	92.62
		For 30 LB Felt, Add	*34.16*	
		For Application To Horizontal Surfaces, Deduct	*-27.78*	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	280.04	104.19
		For 30 LB Felt, Add	*53.75*	
		For Application To Horizontal Surfaces, Deduct	*-31.26*	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	329.33	115.76
		For 30 LB Felt, Add	*73.34*	
		For Application To Horizontal Surfaces, Deduct	*-34.73*	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	378.60	127.35
		For 30 LB Felt, Add	*92.93*	
		For Application To Horizontal Surfaces, Deduct	*-38.20*	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	427.87	138.92
		For 30 LB Felt, Add	*112.52*	
		For Application To Horizontal Surfaces, Deduct	*-41.68*	
07 13 13 00-0007		Asphalt Coated Protective Board *(07 13 13)*		
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	234.41	91.90
		For Application To Horizontal Surfaces, Deduct	*-30.65*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	325.82	95.43
		For Application To Horizontal Surfaces, Deduct	*-31.81*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	436.10	99.44
		For Application To Horizontal Surfaces, Deduct	*-33.14*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	491.23	103.45
		For Application To Horizontal Surfaces, Deduct	*-34.49*	
07 13 53		**Elastomeric Sheet Waterproofing** *(07 13)*		
07 13 53 00-0001		Rubberized Membrane Sheet *(07 13 53)*		
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	6.85	0.95
		For Floor Surfaces, Deduct	*-0.96*	
07 13 53 00-0003		Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*		
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	476.13	133.60
		For Application To Horizontal Surfaces, Deduct	*-40.07*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	572.58	133.60
		For Application To Horizontal Surfaces, Deduct	*-40.07*	
07 13 53 00-0006		Butyl Sheet Waterproofing *(07 13 53)*		
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	79.57	33.40
		For Joint Taping, Add	*11.68*	
		For Each Additional Ply, Add	*59.05*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	94.24	33.40
		For Joint Taping, Add	*12.41*	
		For Each Additional Ply, Add	*69.32*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	
07 13 53 00-0009		Butyl With Nylon *(07 13 53)*		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	87.95	33.40
		For Joint Taping, Add	*12.10*	
		For Each Additional Ply, Add	*64.91*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	97.38	33.40
		For Joint Taping, Add	*12.57*	
		For Each Additional Ply, Add	*71.51*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	136.20	33.40
		For Joint Taping, Add	*14.51*	
		For Each Additional Ply, Add	*98.69*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	198.63	33.40
		For Joint Taping, Add	*17.63*	
		For Each Additional Ply, Add	*142.39*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	142.71	33.40
		For Joint Taping, Add	*14.83*	
		For Each Additional Ply, Add	*103.24*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	209.04	33.40
		For Joint Taping, Add	*18.15*	
		For Each Additional Ply, Add	*149.68*	
		For Application To Horizontal Surfaces, Deduct	*-5.02*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	28.54	11.20
		For Joint Taping, Add	*7.13*	
		For Each Additional Ply, Add	*22.46*	
		For Application To Horizontal Surfaces, Deduct	*-3.72*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	31.08	11.20
		For Joint Taping, Add	*7.26*	
		For Each Additional Ply, Add	*24.24*	
		For Application To Horizontal Surfaces, Deduct	*-3.72*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	42.82	11.20
		For Joint Taping, Add	*7.85*	
		For Each Additional Ply, Add	*32.45*	
		For Application To Horizontal Surfaces, Deduct	*-3.72*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite Note: Includes seam tape, liquid mastic, anchors and termination bar.	100.01	11.20
		For Each Additional Ply, Add	*72.76*	
		For Application To Horizontal Surfaces, Deduct	*-4.13*	

07 13 53 00-0023 Plastic Vapor Barrier (PVC) *(07 13 53)*

07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	40.12	12.40
		For Joint Taping, Add	*7.71*	
		For Each Additional Ply, Add	*30.56*	
		For Application To Horizontal Surfaces, Deduct	*-3.72*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	52.20	12.86
		For Joint Taping, Add	*8.53*	
		For Each Additional Ply, Add	*39.11*	
		For Application To Horizontal Surfaces, Deduct	*-3.86*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	68.41	13.31
		For Joint Taping, Add	*9.55*	
		For Each Additional Ply, Add	*50.55*	
		For Application To Horizontal Surfaces, Deduct	*-3.99*	

07 13 53 00-0027 Vinyl Plastic Vapor Barrier *(07 13 53)*

07 13 53 00-0028	CSF	Tu-Tuf 4, 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints	33.77	11.48

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	1.70	
		For Application To Horizontal Surfaces, Deduct	*-0.18*	
		For Reinforcing Fabric, Add	*0.35*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface Note: Includes primer.	1.95	
		For Application To Horizontal Surfaces, Deduct	*-0.19*	
		For Reinforcing Fabric, Add	*0.35*	

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

07 14 16 00-0002	SF	60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.45	
		For Application To Horizontal Surfaces, Deduct	*-0.40*	
07 14 16 00-0003	SF	90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.96	
		For Application To Horizontal Surfaces, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0004	SF	120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	4.51	
		For Application To Horizontal Surfaces, Deduct	*-0.45*	
07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*		
07 14 16 00-0006	SF	Chlorosulfonated Polyethylene Polymer 1 Part Solution, 15 Mil, Finish Coat	2.23	
07 14 16 00-0007		Copolymer Compound *(07 14 16)*		
07 14 16 00-0008	SF	Fluid Elastomeric Copolymer Compound For Slabs 32 Mil	3.57	
07 14 16 00-0009		Fluid Applied Neoprene *(07 14 16)*		
07 14 16 00-0010	CSF	Fluid Neoprene, 1/8" Fiberglass Reinforced	419.75	
		For Application To Horizontal Surfaces, Deduct	*-48.67*	
07 14 16 00-0011	CSF	Fluid Neoprene, 50 Mil, 4 Coats	880.70	
		For Application To Horizontal Surfaces, Deduct	*-95.48*	
07 14 16 00-0012	CSF	Fluid Neoprene, 90 Mil, 4 Coats	1,442.66	
		For Application To Horizontal Surfaces, Deduct	*-143.14*	

07 16 Cementitious And Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	3.34	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	4.11	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	360.59	
		For Application To Horizontal Surfaces, Deduct	*-47.67*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	420.66	109.65
		For Application To Horizontal Surfaces, Deduct	*-32.90*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	378.07	115.85
		For Application To Horizontal Surfaces, Deduct	*-35.61*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	535.58	120.81
		For Application To Horizontal Surfaces, Deduct	*-36.24*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	430.97	100.49
		For Application To Horizontal Surfaces, Deduct	*-30.13*	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Acrylic Sealer, Spray On Concrete	2.03
07 19 13 00-0002	SF	Acrylic Sealer, Spray On Concrete Block/Brick	2.42
07 19 13 00-0003	SF	Acrylic Sealer, Spray On Stone	2.66

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001		Silane Concrete Sealer *(07 19 16)*	
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.44
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.65
07 19 16 00-0004		Silane/Siloxane Concrete Sealer *(07 19 16)*	
07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	0.72
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.05
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.31
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.44

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied. See CSI section 07 22 16 00-0001 for rigid insulation for roofs.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation	2.42	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0003	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation	3.34	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.05*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0004	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation	3.96	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.22*	
07 21 13 13-0005	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation	5.19	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.10*	
		For Mechanically Fastened To Gypsum, Add	*0.27*	

07 21 13 13-0006 Expanded Polystyrene, Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0007	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.11	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0008	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.17	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0009	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.32	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0010	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.47	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 13-0011	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.07	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.22*	
07 21 13 13-0012	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.67	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.10*	
		For Mechanically Fastened To Gypsum, Add	*0.27*	
07 21 13 13-0013	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.28	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.17*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 21 13 13-0014	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.87	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0015	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.47	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*0.47*	
		For Mechanically Fastened To Gypsum, Add	*0.45*	

07 21 13 13-0016 Extruded Polystyrene, Foam Board Insulation *(07 21 13 13)*

Note: 15 PSI compressive strength.

07 21 13 13-0017	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation	1.25	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
		For 25 PSI Compressive Strength, Add	*0.12*	
		For 40 PSI Compressive Strength, Add	*0.28*	
		For 60 PSI Compressive Strength, Add	*0.45*	
		For 115 PSI Compressive Strength, Add	*1.93*	
07 21 13 13-0018	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation	1.44	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
		For 25 PSI Compressive Strength, Add	*0.15*	
		For 40 PSI Compressive Strength, Add	*0.35*	
		For 60 PSI Compressive Strength, Add	*0.56*	
		For 115 PSI Compressive Strength, Add	*2.42*	
07 21 13 13-0019	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation	1.60	0.31
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For 40 PSI Compressive Strength, Add	*0.41*	
		For 60 PSI Compressive Strength, Add	*0.65*	
		For 115 PSI Compressive Strength, Add	*2.83*	
07 21 13 13-0020	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation	1.69	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
		For 25 PSI Compressive Strength, Add	*0.19*	
		For 40 PSI Compressive Strength, Add	*0.44*	
		For 60 PSI Compressive Strength, Add	*0.70*	
		For 115 PSI Compressive Strength, Add	*3.03*	
07 21 13 13-0021	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation	2.50	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.22*	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.16*	
		For 115 PSI Compressive Strength, Add	*5.09*	
07 21 13 13-0022	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation	3.32	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.10*	
		For Mechanically Fastened To Gypsum, Add	*0.27*	
		For 25 PSI Compressive Strength, Add	*0.44*	
		For 40 PSI Compressive Strength, Add	*1.05*	
		For 60 PSI Compressive Strength, Add	*1.63*	
		For 115 PSI Compressive Strength, Add	*7.17*	
07 21 13 13-0023	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation	3.74	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.17*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
		For 25 PSI Compressive Strength, Add	*0.51*	
		For 40 PSI Compressive Strength, Add	*1.20*	
		For 60 PSI Compressive Strength, Add	*1.87*	
		For 115 PSI Compressive Strength, Add	*8.20*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0002	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	1.62	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 21 13 16-0003	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	2.35	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
07 21 13 16-0004	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	3.08	0.55
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.22*	
		For Mechanically Fastened To Gypsum, Add	*0.39*	
07 21 13 16-0005		Fiberglass, Fibrous Board Insulation *(07 21 13 16)*		
07 21 13 16-0006	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation	2.78	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 16-0007	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation	3.08	0.32
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.05*	
		For Mechanically Fastened To Gypsum, Add	*0.20*	
07 21 13 16-0008	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation	3.78	0.33
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.06*	
		For Mechanically Fastened To Gypsum, Add	*0.22*	
07 21 13 16-0009	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation	4.34	0.33
		For Horizontal Surface Application, Deduct	*-0.05*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.10*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	
07 21 13 16-0010	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation	4.89	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.10*	
		For Mechanically Fastened To Gypsum, Add	*0.27*	
07 21 13 19		**Mineral Board Insulation** *(07 21 13)*		
07 21 13 19-0001		High-Density Fiberboard, Mineral Board Insulation *(07 21 13 19)*		
07 21 13 19-0002	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation	1.24	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.08*	
		For Mechanically Fastened To Gypsum, Add	*0.22*	
07 21 13 19-0003	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation	1.46	0.37
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.09*	
		For Mechanically Fastened To Gypsum, Add	*0.23*	
07 21 13 19-0004	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation	1.69	0.39
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.11*	
		For Mechanically Fastened To Gypsum, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0005	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation	2.09	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.12*	
		For Mechanically Fastened To Gypsum, Add	*0.27*	
07 21 13 19-0006	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation	2.50	0.47
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.14*	
		For Mechanically Fastened To Gypsum, Add	*0.30*	
07 21 13 19-0007	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation	3.30	0.55
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.22*	
		For Mechanically Fastened To Gypsum, Add	*0.39*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.13	0.36
		For >1,600, Deduct	*-0.10*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.21	0.36
		For >1,600, Deduct	*-0.11*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.24	0.36
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	1.61	0.36
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.34	0.36
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.07	0.45
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	2.19	0.45
		For >1,600, Deduct	*-0.23*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.07	0.36
		For >1,600, Deduct	*-0.09*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.17	0.36
		For >1,600, Deduct	*-0.10*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	1.53	0.36
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	1.55	0.36
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.30	0.36
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	1.95	0.45
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.12	0.45
		For >1,600, Deduct	*-0.22*	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.28	0.36
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.42	0.36
		For >1,600, Deduct	*-0.14*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.53	0.36
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.29	0.45
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.46	0.45
		For >1,600, Deduct	*-0.27*	

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.16	0.36
		For >1,600, Deduct	*-0.10*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.24	0.36
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	1.66	0.36
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.35	0.36
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.07	0.45
		For >1,600, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.12	0.45
		For >1,600, Deduct	*-0.22*	

07 21 16 00-0031 Mineral Wool Flexible Insulation *(07 21 16)*

07 21 16 00-0032 Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.25	0.36
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	1.63	0.36
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	2.58	0.36
		For >1,600, Deduct	*-0.30*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	2.93	0.36
		For >1,600, Deduct	*-0.35*	

07 21 16 00-0037 Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.17	0.36
		For >1,600, Deduct	*-0.10*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	1.50	0.36
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	2.33	0.36
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	2.63	0.36
		For >1,600, Deduct	*-0.30*	

07 21 16 00-0042 Natural Cotton Insulation *(07 21 16)*

07 21 16 00-0043 UltraTouch Natural Cotton Insulation *(07 21 16 00-0042)*
Note: 85% recycled denim cotton.

07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch Natural Cotton Insulation	1.69	0.36
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch Natural Cotton Insulation	1.90	0.36
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch Natural Cotton Insulation	2.11	0.36
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0047	SF	8", R-30 UltraTouch Natural Cotton Insulation	2.86	0.36
		For >1,600, Deduct	*-0.34*	

07 21 19 Foamed-In-Place Insulation *(07 21)*

07 21 19 00-0001 Polyurethane Foam Insulation, Sprayed On *(07 21 19)*

07 21 19 00-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	0.99
07 21 19 00-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.63
07 21 19 00-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.30
07 21 19 00-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.95
07 21 19 00-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.61
07 21 19 00-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.25
07 21 19 00-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	1.89
07 21 19 00-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.95
07 21 19 00-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.00
07 21 19 00-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.06
07 21 19 00-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.10
07 21 19 00-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.17

07 21 23 Loose-Fill Insulation *(07 21)*

07 21 23 00-0001 Poured Type, Loose Fill Insulation *(07 21 23)*

07 21 23 00-0002	CF	R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.32	2.09
07 21 23 00-0003	CF	R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation	5.68	2.09

07 21 23 00-0004 Concrete Block Wall Cavity Insulation *(07 21 23)*

07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	7.28	2.09
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	7.21	2.09

07 21 26 Blown Insulation *(07 21)*

07 21 26 00-0001 Fiberglass Blown-In Insulation *(07 21 26)*

07 21 26 00-0002 Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

07 21 26 00-0003	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.17	0.91
07 21 26 00-0004	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.47	1.08
07 21 26 00-0005	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.63	1.18
07 21 26 00-0006	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation	1.89	1.27
07 21 26 00-0007	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.15	1.35
07 21 26 00-0008	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation	2.33	1.44
07 21 26 00-0009	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.38	1.44
07 21 26 00-0010	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	2.49	1.44
07 21 26 00-0011	SF	19" Thick, R-56 Attic, Fiberglass Blown In Insulation	2.74	1.44
07 21 26 00-0012	SF	21" Thick, R-60 Attic, Fiberglass Blown In Insulation	2.75	1.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0013		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0014	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	1.62	0.91
07 21 26 00-0015	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.14	1.08
07 21 26 00-0016	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	2.55	1.18
07 21 26 00-0017	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.02	1.27
07 21 26 00-0018		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0019	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.54	0.91
07 21 26 00-0020	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.06	1.08
07 21 26 00-0021	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	2.47	1.18
07 21 26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	2.94	1.27
07 21 26 00-0023		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0024		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.19	0.91
07 21 26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.41	0.99
07 21 26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.58	1.08
07 21 26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	1.85	1.18
07 21 26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	1.89	1.18
07 21 26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation	2.19	1.27
07 21 26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation	2.25	1.27
07 21 26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.61	1.35
07 21 26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	2.97	1.44
07 21 26 00-0034		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.58	0.91
07 21 26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.09	1.08
07 21 26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.47	1.18
07 21 26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	2.92	1.27
07 21 26 00-0039		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.50	0.91
07 21 26 00-0041	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.01	1.08
07 21 26 00-0042	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.39	1.18
07 21 26 00-0043	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	2.84	1.27
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0002	SF	1" Spray, R2.7 Perlite Insulation	1.85	0.54
07 21 29 00-0003	SF	1" Spray, R3.7 Fibrous/Cementitious Insulation	1.36	0.54
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick - Cellulose Spray-on Insulation	2.64	0.54
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	0.76	

07 22 Roof And Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001		Rigid Board Roofing Insulation *(07 22 16)*		
07 22 16 00-0002		High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation	1.68	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation	1.92	
		For Hot-Mopped, Deduct	*-0.10*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.25*	
		For Mechanically Fastened To Gypsum, Add	*0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation	2.17	
		For Hot-Mopped, Deduct	*-0.10*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.27*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
07 22 16 00-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation	2.63	
		For Hot-Mopped, Deduct	*-0.08*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.30*	
		For Mechanically Fastened To Gypsum, Add	*0.45*	
07 22 16 00-0007	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation	3.08	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.33*	
		For Mechanically Fastened To Gypsum, Add	*0.49*	

07 22 16 00-0008 Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0009	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation	1.81	
		For Hot-Mopped, Deduct	*-0.10*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.27*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
07 22 16 00-0010	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation	2.10	
		For Hot-Mopped, Deduct	*-0.10*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.27*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	

07 22 16 00-0011 Perlite, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0012	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation	1.60	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0013	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation	1.75	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0014	SF	1" Thick, R2.78, Perlite, Roof Board Insulation	1.91	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0015	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation	2.31	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0016	SF	2" Thick, R5.56, Perlite, Roof Board Insulation	2.58	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.35*	

07 22 16 00-0017 Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0018	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation	2.13	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0019	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation	2.78	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.35*	
07 22 16 00-0020	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation	3.54	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	

07 22 16 00-0021 Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0022	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation	3.73	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
07 22 16 00-0023	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation	4.36	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0024	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation	5.60	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
07 22 16 00-0025	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation	6.84	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.30*	
		For Mechanically Fastened To Gypsum, Add	*0.42*	

07 22 16 00-0026 Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0001)*

07 22 16 00-0027	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.46	
		For Loose-Laid, Deduct	*-0.78*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 22 16 00-0028	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.52	
		For Loose-Laid, Deduct	*-0.78*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 22 16 00-0029	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.67	
		For Loose-Laid, Deduct	*-0.78*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 22 16 00-0030	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.82	
		For Loose-Laid, Deduct	*-0.78*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.32*	
07 22 16 00-0031	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.43	
		For Loose-Laid, Deduct	*-0.79*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.34*	
07 22 16 00-0032	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.04	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.22*	
		For Mechanically Fastened To Gypsum, Add	*0.39*	
07 22 16 00-0033	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.66	
		For Loose-Laid, Deduct	*-0.82*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.29*	
		For Mechanically Fastened To Gypsum, Add	*0.44*	
07 22 16 00-0034	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.26	
		For Loose-Laid, Deduct	*-0.83*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.37*	
		For Mechanically Fastened To Gypsum, Add	*0.50*	
07 22 16 00-0035	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.88	
		For Loose-Laid, Deduct	*-0.84*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*0.61*	
		For Mechanically Fastened To Gypsum, Add	*0.59*	

07 22 16 00-0036 Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0001)*

Note: 15 PSI compressive strength.

07 22 16 00-0037	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation	1.99	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For 40 PSI Compressive Strength, Add	*0.41*	
		For 60 PSI Compressive Strength, Add	*0.67*	
		For 115 PSI Compressive Strength, Add	*2.87*	
07 22 16 00-0038	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation	2.07	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For 25 PSI Compressive Strength, Add	*0.19*	
		For 40 PSI Compressive Strength, Add	*0.44*	
		For 60 PSI Compressive Strength, Add	*0.72*	
		For 115 PSI Compressive Strength, Add	*3.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0039	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation	2.47	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For 40 PSI Compressive Strength, Add	*0.59*	
		For 60 PSI Compressive Strength, Add	*0.95*	
		For 100 PSI Compressive Strength, Add	*1.22*	
		For 115 PSI Compressive Strength, Add	*4.10*	
07 22 16 00-0040	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation	2.90	
		For Loose-Laid, Deduct	*-0.81*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.35*	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.18*	
		For 115 PSI Compressive Strength, Add	*5.13*	
07 22 16 00-0041	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation	3.30	
		For Loose-Laid, Deduct	*-0.81*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.38*	
		For 25 PSI Compressive Strength, Add	*0.38*	
		For 40 PSI Compressive Strength, Add	*0.90*	
		For 60 PSI Compressive Strength, Add	*1.42*	
		For 100 PSI Compressive Strength, Add	*1.82*	
		For 115 PSI Compressive Strength, Add	*6.16*	
07 22 16 00-0042	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation	3.73	
		For Loose-Laid, Deduct	*-0.82*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
		For 25 PSI Compressive Strength, Add	*0.44*	
		For 40 PSI Compressive Strength, Add	*1.05*	
		For 60 PSI Compressive Strength, Add	*1.65*	
		For 115 PSI Compressive Strength, Add	*7.21*	
07 22 16 00-0043	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation	4.15	
		For Loose-Laid, Deduct	*-0.83*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.30*	
		For Mechanically Fastened To Gypsum, Add	*0.45*	
		For 25 PSI Compressive Strength, Add	*0.51*	
		For 40 PSI Compressive Strength, Add	*1.20*	
		For 60 PSI Compressive Strength, Add	*1.89*	
		For 115 PSI Compressive Strength, Add	*8.24*	

07 22 16 00-0044 Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0045	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation	1.81	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.09*	
07 22 16 00-0046	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation	1.87	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.10*	
07 22 16 00-0047	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation	1.96	
		For Loose-Laid, Deduct	*-0.80*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.18*	
		For Mechanically Fastened To Gypsum, Add	*0.33*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.10*	
07 22 16 00-0048	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation	2.21	
		For Loose-Laid, Deduct	*-0.81*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.19*	
		For Mechanically Fastened To Gypsum, Add	*0.35*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0049	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation	2.44	
		For Loose-Laid, Deduct	*-0.82*	
		For Hot-Mopped, Deduct	*-0.12*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.38*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0050	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation	2.68	
		For Loose-Laid, Deduct	*-0.82*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.24*	
		For Mechanically Fastened To Gypsum, Add	*0.41*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0051	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation	2.94	
		For Loose-Laid, Deduct	*-0.83*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.30*	
		For Mechanically Fastened To Gypsum, Add	*0.42*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
07 22 16 00-0052	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation	3.16	
		For Loose-Laid, Deduct	*-0.83*	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.30*	
		For Mechanically Fastened To Gypsum, Add	*0.45*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.22*	

07 22 16 00-0053 High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0054	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation	2.05	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	

07 22 16 00-0055 Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0001)*

07 22 16 00-0056	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	1.96	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0057	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	2.06	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0058	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	2.12	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0059	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum)	2.16	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	

07 22 16 00-0060 Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0001)*

07 22 16 00-0061	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	1.93	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0062	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	2.08	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	
07 22 16 00-0063	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat)	2.11	
		For Hot-Mopped, Deduct	*-0.11*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.23*	
		For Mechanically Fastened To Gypsum, Add	*0.37*	

07 22 16 00-0064 Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0001)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0065	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.19	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.33*	
		For Mechanically Fastened To Gypsum, Add	*0.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0066	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.33	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.12*	
		For Mechanically Fastened To Concrete, Add	*0.33*	
		For Mechanically Fastened To Gypsum, Add	*0.49*	
07 22 16 00-0067	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.52	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.38*	
		For Mechanically Fastened To Gypsum, Add	*0.53*	
07 22 16 00-0068	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.64	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.38*	
		For Mechanically Fastened To Gypsum, Add	*0.55*	
07 22 16 00-0069	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	3.92	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.45*	
		For Mechanically Fastened To Gypsum, Add	*0.57*	
07 22 16 00-0070	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	4.04	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.46*	
		For Mechanically Fastened To Gypsum, Add	*0.61*	
07 22 16 00-0071	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation	4.27	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.56*	
		For Mechanically Fastened To Gypsum, Add	*0.69*	

07 22 16 00-0072 Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0001)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0073	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.22	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.37*	
		For Mechanically Fastened To Gypsum, Add	*0.52*	
07 22 16 00-0074	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.46	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.37*	
		For Mechanically Fastened To Gypsum, Add	*0.54*	
07 22 16 00-0075	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.75	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.44*	
		For Mechanically Fastened To Gypsum, Add	*0.56*	
07 22 16 00-0076	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	3.94	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.44*	
		For Mechanically Fastened To Gypsum, Add	*0.59*	
07 22 16 00-0077	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	4.19	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.52*	
		For Mechanically Fastened To Gypsum, Add	*0.65*	
07 22 16 00-0078	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	4.45	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.53*	
		For Mechanically Fastened To Gypsum, Add	*0.66*	
07 22 16 00-0079	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation	4.96	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*0.79*	
		For Mechanically Fastened To Gypsum, Add	*0.77*	

07 22 16 00-0080 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.

07 22 16 00-0081 Tapered Polyisocyanurate Board *(07 22 16 00-0080)*

Note: Includes polyurethane adhesive.

07 22 16 00-0082 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0081)*

07 22 16 00-0083	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	3.12	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0084	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	4.53	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0085	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	4.84	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0086	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	5.15	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0087	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	5.46	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.37*	
07 22 16 00-0088	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	6.87	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0089	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	7.18	
		For 25 PSI Compressive Strength, Add	*0.36*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0090	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	7.49	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0091	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	7.80	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0092	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	9.21	
		For 25 PSI Compressive Strength, Add	*0.46*	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0093 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0081)*

07 22 16 00-0094	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	2.96	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0095	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	4.69	
		For 25 PSI Compressive Strength, Add	*0.22*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0096	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	5.30	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0097	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	7.03	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0098	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	7.65	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0099	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	9.37	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0100 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0081)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0101	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	4.99	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0102	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	7.34	
		For 25 PSI Compressive Strength, Add	*0.38*	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0103	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	9.68	
		For 25 PSI Compressive Strength, Add	*0.50*	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	
07 22 16 00-0104	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	12.03	
		For 25 PSI Compressive Strength, Add	*0.63*	
		For Hot-Mopped, Deduct	*-0.46*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.08*	

07 22 16 00-0105 Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0080)*

Note: Includes polyurethane adhesive.

07 22 16 00-0106 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0105)*

07 22 16 00-0107	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	2.77	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0108	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	4.19	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0109	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	4.42	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0110	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	4.65	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0111	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	4.88	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.37*	
07 22 16 00-0112	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	6.30	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0113	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	6.53	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0114	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	6.76	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0115	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	6.99	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0116	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)	8.41	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0117 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0105)*

07 22 16 00-0118	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	2.65	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0119	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	4.30	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0120	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	4.77	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0121	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	6.41	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0122	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	6.88	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0123	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)	8.53	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0124 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0105)*

07 22 16 00-0125	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	4.54	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0126	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	6.65	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0127	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	8.76	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	
07 22 16 00-0128	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	11.11	
		For Mechanically Fastened To Wood Or Steel, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.08*	

07 22 16 00-0129 Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0080)*

Note: Includes polyurethane adhesive.

07 22 16 00-0130 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0129)*

07 22 16 00-0131	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	3.05	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0132	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	4.46	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0133	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	4.76	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0134	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	5.05	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0135	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	5.34	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.37*	
07 22 16 00-0136	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	6.76	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0137	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	7.05	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0138	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	7.35	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0139	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	7.64	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0140	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)	9.05	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0141 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0129)*

07 22 16 00-0142	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	2.90	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0143	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	4.61	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0144	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	5.20	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0145	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	6.90	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0146	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	7.49	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0147	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)	9.20	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0148 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0129)*

07 22 16 00-0149	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)	4.90	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0150	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)	7.20	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0151	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)	9.49	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	
07 22 16 00-0152	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)	11.80	
		For Mechanically Fastened To Wood Or Steel, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.08*	

07 22 16 00-0153 Tapered Perlite Board *(07 22 16 00-0080)*

Note: Includes polyurethane adhesive.

07 22 16 00-0154 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0153)*

07 22 16 00-0155	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board	3.96	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0156	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board	5.19	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0157	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board	5.70	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0158	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board	6.17	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0159	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board	6.67	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.37*	
07 22 16 00-0160	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board	7.90	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0161	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board	8.40	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0162	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board	8.87	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0163	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board	9.37	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0164	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board	10.61	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0165 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0153)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0166	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board	3.71	
		For Hot-Mopped, Deduct	*-0.07*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.06*	
		For Mechanically Fastened To Concrete, Add	*0.28*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*0.76*	
07 22 16 00-0167	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board	5.45	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.31*	
07 22 16 00-0168	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board	6.42	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Add	*-0.02*	
		For Mechanically Fastened To Concrete, Add	*0.60*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.34*	
07 22 16 00-0169	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board	8.15	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0170	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board	9.12	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.28*	
		For Mechanically Fastened To Concrete, Add	*1.17*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.04*	
07 22 16 00-0171	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board	10.86	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	

07 22 16 00-0172 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0153)*

07 22 16 00-0173	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board	5.95	
		For Hot-Mopped, Deduct	*-0.18*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.08*	
		For Mechanically Fastened To Concrete, Add	*0.54*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.33*	
07 22 16 00-0174	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board	8.65	
		For Hot-Mopped, Deduct	*-0.26*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*0.94*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.96*	
07 22 16 00-0175	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board	11.36	
		For Hot-Mopped, Deduct	*-0.37*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.74*	
07 22 16 00-0176	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board	14.08	
		For Hot-Mopped, Deduct	*-0.46*	
		For Mechanically Fastened To Wood Or Steel, Add	*0.64*	
		For Mechanically Fastened To Concrete, Add	*2.08*	

07 22 16 00-0177 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0178	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.51
07 22 16 00-0179	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.52
07 22 16 00-0180	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.54
07 22 16 00-0181	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.55
07 22 16 00-0182	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.56
07 22 16 00-0183	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.58
07 22 16 00-0184	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.59
07 22 16 00-0185	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.60
07 22 16 00-0186	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.62
07 22 16 00-0187	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.63
07 22 16 00-0188	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.65
07 22 16 00-0189	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.66
07 22 16 00-0190	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.68

07 24 Exterior Insulation And Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation And Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		2.56
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.43*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	2.86	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.44*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.76*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.15	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.50*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.83*	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.44	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.54*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.87*	
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.74	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.54*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.87*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.33	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*0.62*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*0.94*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	3.57	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	3.87	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	4.69	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	4.94	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	1.75	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	1.98	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	3.19	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	4.15	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.08	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.13	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	3.49	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	3.80	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	3.49	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	3.80	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	3.18	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	3.51	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	6.33	
		For Up To 100, Add	*1.27*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.25*	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	0.91	
		For Up To 100, Add	*0.36*	
		For >100 To 500, Add	*0.18*	
		For >5,000, Deduct	*-0.07*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	0.93	
		For Up To 100, Add	*0.36*	
		For >100 To 500, Add	*0.18*	
		For >5,000, Deduct	*-0.07*	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.17	
		For Up To 100, Add	*0.36*	
		For >100 To 500, Add	*0.18*	
		For >5,000, Deduct	*-0.07*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.40	
		For Up To 100, Add	*0.36*	
		For >100 To 500, Add	*0.18*	
		For >5,000, Deduct	*-0.07*	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	1.71	
		For Up To 100, Add	*0.40*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	2.39	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	2.56	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	2.76	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	3.17	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.76	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.95	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	3.41	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS)	2.39	
		Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.60*	
		For >5,000, Deduct	*-0.24*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	22.74	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D, "Jumbo Tex"	21.58	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Super Jumbo Tex 60 Minute"	25.29	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Two Ply Super Jumbo Tex 60 Minute"	30.74	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	31.72	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	69.43	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	96.71	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	134.42	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	180.40	
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	51.15	

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	8.88	2.76
		For Up To 50, Add	*3.49*	
		For >50 To 200, Add	*1.97*	
		For >200 To 500, Add	*0.71*	
		For >2,500, Deduct	*-0.44*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	9.62	2.76
		For Up To 50, Add	*3.81*	
		For >50 To 200, Add	*2.15*	
		For >200 To 500, Add	*0.78*	
		For >2,500, Deduct	*-0.48*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	3.89	1.84
		For Up To 50, Add	*1.92*	
		For >50 To 200, Add	*1.06*	
		For >200 To 500, Add	*0.36*	
		For >2,500, Deduct	*-0.19*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	7.08	2.76
		For Up To 50, Add	*3.43*	
		For >50 To 200, Add	*1.89*	
		For >200 To 500, Add	*0.65*	
		For >2,500, Deduct	*-0.35*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	4.91	1.84
		For Up To 50, Add	*2.07*	
		For >50 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.41*	
		For >2,500, Deduct	*-0.25*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	6.51	1.84
		For Up To 50, Add	*2.20*	
		For >50 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.48*	
		For >2,500, Deduct	*-0.33*	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles And Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 00-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 00-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	234.21	167.42
		For >35 To 75, Deduct	*-8.20*	
		For >75 To 100, Deduct	*-13.64*	
		For >100 To 200, Deduct	*-20.73*	
		For >200, Deduct	*-31.62*	
		For Steep Roof, Over 7 To 12, Add	*48.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	245.66	175.82
		For >35 To 75, Deduct	*-8.58*	
		For >75 To 100, Deduct	*-14.29*	
		For >100 To 200, Deduct	*-21.72*	
		For >200, Deduct	*-33.15*	
		For Steep Roof, Over 7 To 12, Add	*51.15*	
07 31 13 00-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	280.94	184.59
		For >35 To 75, Deduct	*-11.31*	
		For >75 To 100, Deduct	*-17.77*	
		For >100 To 200, Deduct	*-26.48*	
		For >200, Deduct	*-39.40*	
		For Steep Roof, Over 7 To 12, Add	*53.72*	

07 31 13 00-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 00-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	292.97	213.73
		For >35 To 75, Deduct	*-9.87*	
		For >75 To 100, Deduct	*-16.70*	
		For >100 To 200, Deduct	*-25.51*	
		For >200, Deduct	*-39.17*	
		For Steep Roof, Over 7 To 12, Add	*62.17*	
07 31 13 00-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	306.09	203.49
		For >35 To 75, Deduct	*-12.11*	
		For >75 To 100, Deduct	*-19.15*	
		For >100 To 200, Deduct	*-28.62*	
		For >200, Deduct	*-42.71*	
		For Steep Roof, Over 7 To 12, Add	*59.21*	
07 31 13 00-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	332.29	224.41
		For >35 To 75, Deduct	*-12.82*	
		For >75 To 100, Deduct	*-20.49*	
		For >100 To 200, Deduct	*-30.72*	
		For >200, Deduct	*-46.05*	
		For Steep Roof, Over 7 To 12, Add	*65.30*	
07 31 13 00-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	316.79	193.81
		For >35 To 75, Deduct	*-14.06*	
		For >75 To 100, Deduct	*-21.28*	
		For >100 To 200, Deduct	*-31.31*	
		For >200, Deduct	*-45.74*	
		For Steep Roof, Over 7 To 12, Add	*56.38*	
07 31 13 00-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	359.09	235.65
		For >35 To 75, Deduct	*-14.49*	
		For >75 To 100, Deduct	*-22.74*	
		For >100 To 200, Deduct	*-33.89*	
		For >200, Deduct	*-50.40*	
		For Steep Roof, Over 7 To 12, Add	*68.54*	
07 31 13 00-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	380.33	235.65
		For >35 To 75, Deduct	*-16.62*	
		For >75 To 100, Deduct	*-25.29*	
		For >100 To 200, Deduct	*-37.29*	
		For >200, Deduct	*-54.65*	
		For Steep Roof, Over 7 To 12, Add	*68.54*	
07 31 13 00-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	415.79	259.75
		For >35 To 75, Deduct	*-17.96*	
		For >75 To 100, Deduct	*-27.46*	
		For >100 To 200, Deduct	*-40.55*	
		For >200, Deduct	*-59.54*	
		For Steep Roof, Over 7 To 12, Add	*75.58*	
07 31 13 00-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	410.52	247.43
		For >35 To 75, Deduct	*-18.57*	
		For >75 To 100, Deduct	*-27.90*	
		For >100 To 200, Deduct	*-40.95*	
		For >200, Deduct	*-59.62*	
		For Steep Roof, Over 7 To 12, Add	*71.96*	
07 31 13 00-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	406.44	235.65
		For >35 To 75, Deduct	*-19.23*	
		For >75 To 100, Deduct	*-28.43*	
		For >100 To 200, Deduct	*-41.47*	
		For >200, Deduct	*-59.87*	
		For Steep Roof, Over 7 To 12, Add	*68.54*	
07 31 13 00-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	472.97	259.75
		For >35 To 75, Deduct	*-23.68*	
		For >75 To 100, Deduct	*-34.32*	
		For >100 To 200, Deduct	*-49.69*	
		For >200, Deduct	*-70.98*	
		For Steep Roof, Over 7 To 12, Add	*75.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	487.86	259.75
		For >35 To 75, Deduct	*-25.17*	
		For >75 To 100, Deduct	*-36.11*	
		For >100 To 200, Deduct	*-52.08*	
		For >200, Deduct	*-73.95*	
		For Steep Roof, Over 7 To 12, Add	*75.58*	
07 31 13 00-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	541.60	286.43
		For >35 To 75, Deduct	*-28.12*	
		For >75 To 100, Deduct	*-40.25*	
		For >100 To 200, Deduct	*-58.01*	
		For >200, Deduct	*-82.28*	
		For Steep Roof, Over 7 To 12, Add	*83.33*	
07 31 13 00-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	531.76	272.73
		For >35 To 75, Deduct	*-28.38*	
		For >75 To 100, Deduct	*-40.25*	
		For >100 To 200, Deduct	*-57.80*	
		For >200, Deduct	*-81.55*	
		For Steep Roof, Over 7 To 12, Add	*79.35*	

07 31 13 00-0019 Accessories *(07 31 13)*

07 31 13 00-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	5.39	1.01
07 31 13 00-0021	LF	Three Tab Hip And Ridge Shingles	3.36	2.50
07 31 13 00-0022	LF	Architectural Hip And Ridge Shingles	4.00	2.77
07 31 13 00-0023	SQ	Demolish Additional Layers Of Shingles	91.34	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	518.99	159.08
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	670.87	173.87
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	8.94	2.29
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	9.26	2.29
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section For Above, 0.020" Thick	6.49	2.29
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section For Above, 0.030" Thick	7.14	2.29

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge Steel Shingles, Galvanized	409.11	143.14
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-4.91*	
		For >75 To 100, Deduct	*-15.75*	
		For >100 To 200, Deduct	*-27.82*	
		For >200, Deduct	*-38.66*	
		For Steep Roof, Over 7 To 12, Add	*91.63*	
07 31 16 00-0010	SQ	26 Gauge Steel Shingles, Galvanized	396.55	142.00
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-4.51*	
		For >75 To 100, Deduct	*-14.98*	
		For >100 To 200, Deduct	*-26.59*	
		For >200, Deduct	*-37.06*	
		For Steep Roof, Over 7 To 12, Add	*90.84*	
07 31 16 00-0011	SQ	24 Gauge Steel Shingles, Galvanized And Bonderized	585.66	142.00
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-12.07*	
		For >75 To 100, Deduct	*-28.22*	
		For >100 To 200, Deduct	*-47.39*	
		For >200, Deduct	*-63.54*	
		For Steep Roof, Over 7 To 12, Add	*90.84*	
07 31 16 00-0012	SQ	26 Gauge Steel Shingles, Galvanized And Bonderized	548.45	142.00
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-10.58*	
		For >75 To 100, Deduct	*-25.62*	
		For >100 To 200, Deduct	*-43.30*	
		For >200, Deduct	*-58.33*	
		For Steep Roof, Over 7 To 12, Add	*90.84*	
07 31 16 00-0013	LF	Ridge Or Valley	6.33	1.91
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.10*	
		For >75 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.47*	
		For >200, Deduct	*-0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.20*	

07 31 19 Mineral-Fiber Cement Shingles *(07 31)*

07 31 19 00-0001 Mineral Fiber Shingles *(07 31 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 19 00-0002	SQ	Mineral Fiber Strip Shingles, 14" X 30", 325 LB/SQ	612.41	95.43
		For Steep Roof, Over 7 To 12, Add	*61.08*	
07 31 19 00-0003	SQ	Mineral Fiber, Shakes, 9.35" x 16", 500 LB/SQ	884.61	173.68
		For Steep Roof, Over 7 To 12, Add	*111.16*	
07 31 19 00-0004	SQ	Mineral Fiber, Hexagonal Shape, 16" X 16", per SQ	617.50	127.40
		For Steep Roof, Over 7 To 12, Add	*81.53*	
07 31 19 00-0005	SQ	Mineral Fiber, Square, 16" X 16", per SQ	578.29	127.40
		For Steep Roof, Over 7 To 12, Add	*81.53*	
07 31 19 00-0006	CLF	Mineral Fiber, Strip Shingles, Starters, 8" x 30", 255 LB Per 100 LF	462.61	127.40
07 31 19 00-0007	CLF	Mineral Fiber, Hip And Ridge Shingles, 4-3/4" x 14", 380 LB Per 100 LF	1,508.50	381.71
07 31 19 00-0008	CLF	Mineral Fiber, Hip And Ridge Shingles, 5-3/8" X 14", per 100 LF	1,577.13	381.71

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,168.39	244.14
		For >50 To 75, Deduct	*-25.04*	
		For >75 To 100, Deduct	*-57.38*	
		For >100 To 200, Deduct	*-95.97*	
		For >200, Deduct	*-128.31*	
		For Graduated Shapes, Add	*93.89*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,343.39	244.14
		For >50 To 75, Deduct	*-32.04*	
		For >75 To 100, Deduct	*-69.63*	
		For >100 To 200, Deduct	*-115.22*	
		For >200, Deduct	*-152.81*	
		For Graduated Shapes, Add	*120.14*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,290.89	244.14
		For >50 To 75, Deduct	*-29.94*	
		For >75 To 100, Deduct	*-65.95*	
		For >100 To 200, Deduct	*-109.45*	
		For >200, Deduct	*-145.46*	
		For Graduated Shapes, Add	*112.26*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,308.39	244.14
		For >50 To 75, Deduct	*-30.64*	
		For >75 To 100, Deduct	*-67.18*	
		For >100 To 200, Deduct	*-111.37*	
		For >200, Deduct	*-147.91*	
		For Graduated Shapes, Add	*114.89*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,378.39	244.14
		For >50 To 75, Deduct	*-33.44*	
		For >75 To 100, Deduct	*-72.08*	
		For >100 To 200, Deduct	*-119.07*	
		For >200, Deduct	*-157.71*	
		For Graduated Shapes, Add	*125.39*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,290.89	244.14
		For >50 To 75, Deduct	*-29.94*	
		For >75 To 100, Deduct	*-65.95*	
		For >100 To 200, Deduct	*-109.45*	
		For >200, Deduct	*-145.46*	
		For Graduated Shapes, Add	*112.26*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,238.39	244.14
		For >50 To 75, Deduct	*-27.84*	
		For >75 To 100, Deduct	*-62.28*	
		For >100 To 200, Deduct	*-103.67*	
		For >200, Deduct	*-138.11*	
		For Graduated Shapes, Add	*104.39*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,331.89	244.14
		For >50 To 75, Deduct	*-71.58*	
		For >75 To 100, Deduct	*-138.82*	
		For >100 To 200, Deduct	*-223.96*	
		For >200, Deduct	*-291.20*	
		For Graduated Shapes, Add	*268.41*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,290.89	244.14
		For >50 To 75, Deduct	*-29.94*	
		For >75 To 100, Deduct	*-65.95*	
		For >100 To 200, Deduct	*-109.45*	
		For >200, Deduct	*-145.46*	
		For Graduated Shapes, Add	*112.26*	
		For Steep Roof, Over 7 To 12, Add	*173.60*	

07 31 29 Wood Shingles And Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	612.90	183.68
		For Steep Roof, Over 7 To 12, Add	*117.55*	
		For CCA Treated, Add	*36.83*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	447.40	137.76
		For Steep Roof, Over 7 To 12, Add	*88.16*	
		For CCA Treated, Add	*25.78*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	539.38	156.12
		For Steep Roof, Over 7 To 12, Add	*99.92*	
		For CCA Treated, Add	*34.07*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	442.26	128.57
		For Steep Roof, Over 7 To 12, Add	*82.29*	
		For CCA Treated, Add	*27.77*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	552.78	121.68
		For Steep Roof, Over 7 To 12, Add	*77.88*	
		For CCA Treated, Add	*46.41*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	434.06	103.31
		For Steep Roof, Over 7 To 12, Add	*66.12*	
		For CCA Treated, Add	*34.11*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	453.40	165.31
		For CCA Treated, Add	*18.42*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	439.91	156.12
		For CCA Treated, Add	*19.15*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	433.37	135.46
		For CCA Treated, Add	*24.37*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	584.05	192.86
		For Steep Roof, Over 7 To 12, Add	*123.43*	
		For CCA Treated, Add	*29.75*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	522.52	174.49
		For Steep Roof, Over 7 To 12, Add	*111.67*	
		For CCA Treated, Add	*26.03*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	549.59	174.49
		For Steep Roof, Over 7 To 12, Add	*111.67*	
		For CCA Treated, Add	*30.09*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	490.71	156.12
		For Steep Roof, Over 7 To 12, Add	*99.92*	
		For CCA Treated, Add	*26.77*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	459.24	121.68
		For Steep Roof, Over 7 To 12, Add	*77.88*	
		For CCA Treated, Add	*32.38*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	379.37	105.62
		For Steep Roof, Over 7 To 12, Add	*67.59*	
		For CCA Treated, Add	*25.22*	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*

07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	448.14	174.49
		For CCA Treated, Add	*14.87*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	430.92	165.31
		For CCA Treated, Add	*15.05*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	407.21	146.94
		For CCA Treated, Add	*17.00*	

07 31 29 16 Wood Shakes *(07 31 29)*

07 31 29 16-0001 #1 Grade, Red Cedar Shakes *(07 31 29 16)*

07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*

07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	457.14	149.23
		For Steep Roof, Over 7 To 12, Add	*95.51*	
		For CCA Treated, Add	*23.80*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	510.03	149.23
		For Steep Roof, Over 7 To 12, Add	*95.51*	
		For CCA Treated, Add	*31.73*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	461.53	121.68
		For Steep Roof, Over 7 To 12, Add	*77.88*	
		For CCA Treated, Add	*32.72*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	484.01	121.68
		For Steep Roof, Over 7 To 12, Add	*77.88*	
		For CCA Treated, Add	*36.10*	

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*

07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	480.09	160.72
		For CCA Treated, Add	*23.80*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	532.98	160.72
		For CCA Treated, Add	*31.73*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	493.67	137.76
		For CCA Treated, Add	*32.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	516.15	137.76
		For CCA Treated, Add	*36.10*	

07 31 29 19 Wood Shingles And Shakes Cap *(07 31 29)*

07 31 29 19-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes *(07 31 29 19)*

07 31 29 19-0002	LF	Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes	6.98	1.20
		For Steep Roof, Over 7 To 12, Add	*0.89*	
		For CCA Treated Ridge, Add	*0.63*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	859.61	213.19
		For Purple Or Green Color, Add	*69.33*	
		For Brown Or Red Color, Add	*177.65*	
		For Steep Roof, Over 7 To 12, Add	*136.42*	
		For >50 To 75, Deduct	*-10.83*	
		For >75 To 100, Deduct	*-32.32*	
		For >100 To 200, Deduct	*-53.81*	
		For >200, Deduct	*-85.96*	
07 31 33 00-0002	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	1,148.47	213.19
		For Purple, Green, Brown Or Red, Add	*108.32*	
		For Steep Roof, Over 7 To 12, Add	*136.42*	
		For >50 To 75, Deduct	*-18.05*	
		For >75 To 100, Deduct	*-46.77*	
		For >100 To 200, Deduct	*-75.48*	
		For >200, Deduct	*-114.85*	
07 31 33 00-0003	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	978.55	213.19
		For Purple, Green, Brown Or Red, Add	*198.80*	
		For Steep Roof, Over 7 To 12, Add	*136.42*	
		For >50 To 75, Deduct	*-13.81*	
		For >75 To 100, Deduct	*-38.27*	
		For >100 To 200, Deduct	*-62.73*	
		For >200, Deduct	*-97.86*	
07 31 33 00-0004	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	1,207.94	213.19
		For Purple, Green, Brown Or Red, Add	*85.98*	
		For Steep Roof, Over 7 To 12, Add	*136.42*	
		For >50 To 75, Deduct	*-19.54*	
		For >75 To 100, Deduct	*-49.74*	
		For >100 To 200, Deduct	*-79.94*	
		For >200, Deduct	*-120.79*	
07 31 33 00-0005	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	11.55	1.43

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,031.32	231.53
		For >25 To 50, Deduct	*-34.09*	
		For >50 To 75, Deduct	*-68.40*	
		For >75 To 100, Deduct	*-97.02*	
		For >100 To 200, Deduct	*-119.96*	
		For >200, Deduct	*-137.22*	
		For 20 Year Warranty, Add	*39.77*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,216.25	231.53
		For >25 To 50, Deduct	*-45.19*	
		For >50 To 75, Deduct	*-86.89*	
		For >75 To 100, Deduct	*-121.06*	
		For >100 To 200, Deduct	*-147.70*	
		For >200, Deduct	*-166.81*	
		For 20 Year Warranty, Add	*52.72*	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,216.25	231.53
		For >25 To 50, Deduct	*-45.19*	
		For >50 To 75, Deduct	*-86.89*	
		For >75 To 100, Deduct	*-121.06*	
		For >100 To 200, Deduct	*-147.70*	
		For >200, Deduct	*-166.81*	
		For 20 Year Warranty, Add	*52.72*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,373.16	231.53
		For >25 To 50, Deduct	*-54.60*	
		For >50 To 75, Deduct	*-102.58*	
		For >75 To 100, Deduct	*-141.46*	
		For >100 To 200, Deduct	*-171.24*	
		For >200, Deduct	*-191.92*	
		For 20 Year Warranty, Add	*63.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,233.79	283.09
		For >25 To 50, Deduct	*-40.06*	
		For >50 To 75, Deduct	*-80.92*	
		For >75 To 100, Deduct	*-115.10*	
		For >100 To 200, Deduct	*-142.61*	
		For >200, Deduct	*-163.44*	
		For 20 Year Warranty, Add	*46.73*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,509.82	283.09
		For >25 To 50, Deduct	*-56.62*	
		For >50 To 75, Deduct	*-108.52*	
		For >75 To 100, Deduct	*-150.98*	
		For >100 To 200, Deduct	*-184.01*	
		For >200, Deduct	*-207.60*	
		For 20 Year Warranty, Add	*66.06*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	1,937.01	381.90
		For >25 To 50, Deduct	*-70.41*	
		For >50 To 75, Deduct	*-136.43*	
		For >75 To 100, Deduct	*-190.72*	
		For >100 To 200, Deduct	*-233.28*	
		For >200, Deduct	*-264.11*	
		For 20 Year Warranty, Add	*82.14*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,095.68	283.09
		For >25 To 50, Deduct	*-31.77*	
		For >50 To 75, Deduct	*-67.11*	
		For >75 To 100, Deduct	*-97.15*	
		For >100 To 200, Deduct	*-121.89*	
		For >200, Deduct	*-141.34*	
		For 20 Year Warranty, Add	*37.07*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,319.29	283.09
		For >25 To 50, Deduct	*-45.19*	
		For >50 To 75, Deduct	*-89.47*	
		For >75 To 100, Deduct	*-126.21*	
		For >100 To 200, Deduct	*-155.43*	
		For >200, Deduct	*-177.12*	
		For 20 Year Warranty, Add	*52.72*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	924.92	211.96
		For >25 To 50, Deduct	*-30.06*	
		For >50 To 75, Deduct	*-60.69*	
		For >75 To 100, Deduct	*-86.32*	
		For >100 To 200, Deduct	*-106.94*	
		For >200, Deduct	*-122.55*	
		For 20 Year Warranty, Add	*35.07*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,165.89	211.96
		For >25 To 50, Deduct	*-44.52*	
		For >50 To 75, Deduct	*-84.79*	
		For >75 To 100, Deduct	*-117.65*	
		For >100 To 200, Deduct	*-143.09*	
		For >200, Deduct	*-161.10*	
		For 20 Year Warranty, Add	*51.93*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,373.24	211.96
		For >25 To 50, Deduct	*-56.96*	
		For >50 To 75, Deduct	*-105.53*	
		For >75 To 100, Deduct	*-144.60*	
		For >100 To 200, Deduct	*-174.19*	
		For >200, Deduct	*-194.28*	
		For 20 Year Warranty, Add	*66.45*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	1,697.84	332.26
		For >25 To 50, Deduct	*-62.00*	
		For >50 To 75, Deduct	*-119.95*	
		For >75 To 100, Deduct	*-167.56*	
		For >100 To 200, Deduct	*-204.84*	
		For >200, Deduct	*-231.78*	
		For 20 Year Warranty, Add	*72.33*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	790.34	231.53
		For >25 To 50, Deduct	*-19.63*	
		For >50 To 75, Deduct	*-44.30*	
		For >75 To 100, Deduct	*-65.69*	
		For >100 To 200, Deduct	*-83.82*	
		For >200, Deduct	*-98.67*	
		For 20 Year Warranty, Add	*22.91*	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,067.39	332.26
		For >25 To 50, Deduct	*-24.17*	
		For >50 To 75, Deduct	*-56.90*	
		For >75 To 100, Deduct	*-85.60*	
		For >100 To 200, Deduct	*-110.27*	
		For >200, Deduct	*-130.91*	
		For 20 Year Warranty, Add	*28.20*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	851.50	350.97
		For >50 To 75, Deduct	*-5.98*	
		For >75 To 100, Deduct	*-28.01*	
		For >100 To 200, Deduct	*-51.54*	
		For >200, Deduct	*-73.58*	
		For Steep Roof, Over 7 To 12, Add	*224.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,002.68	350.97
		For >50 To 75, Deduct	*-12.03*	
		For >75 To 100, Deduct	*-38.60*	
		For >100 To 200, Deduct	*-68.17*	
		For >200, Deduct	*-94.74*	
		For Steep Roof, Over 7 To 12, Add	*224.65*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	881.74	350.97
		For >50 To 75, Deduct	*-7.19*	
		For >75 To 100, Deduct	*-30.13*	
		For >100 To 200, Deduct	*-54.87*	
		For >200, Deduct	*-77.81*	
		For Steep Roof, Over 7 To 12, Add	*224.65*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	815.40	314.02
		For >50 To 75, Deduct	*-7.49*	
		For >75 To 100, Deduct	*-28.81*	
		For >100 To 200, Deduct	*-52.01*	
		For >200, Deduct	*-73.33*	
		For Steep Roof, Over 7 To 12, Add	*201.00*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	2.55
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	1.68
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	2.54
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	2.91
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	3.02

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	23.72	6.87
		For Steep Roof, Over 7 To 12, Add	*4.40*	
		For >50 To 75, Deduct	*-0.40*	
		For >75 To 100, Deduct	*-1.04*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-2.77*	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	35.56	9.45
		For Steep Roof, Over 7 To 12, Add	*6.04*	
		For >50 To 75, Deduct	*-0.67*	
		For >75 To 100, Deduct	*-1.64*	
		For >100 To 200, Deduct	*-2.78*	
		For >200, Deduct	*-4.22*	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	38.70	9.45
		For Steep Roof, Over 7 To 12, Add	*6.04*	
		For >50 To 75, Deduct	*-0.79*	
		For >75 To 100, Deduct	*-1.86*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.66*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	46.43	14.32
		For Steep Roof, Over 7 To 12, Add	*9.16*	
		For >50 To 75, Deduct	*-0.71*	
		For >75 To 100, Deduct	*-1.96*	
		For >100 To 200, Deduct	*-3.39*	
		For >200, Deduct	*-5.36*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	50.15	14.32
		For Steep Roof, Over 7 To 12, Add	*9.16*	
		For >50 To 75, Deduct	*-0.86*	
		For >75 To 100, Deduct	*-2.22*	
		For >100 To 200, Deduct	*-3.80*	
		For >200, Deduct	*-5.88*	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	56.28	14.32
		For Steep Roof, Over 7 To 12, Add	*9.16*	
		For >50 To 75, Deduct	*-1.11*	
		For >75 To 100, Deduct	*-2.65*	
		For >100 To 200, Deduct	*-4.47*	
		For >200, Deduct	*-6.73*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	53.22	14.32
		For Steep Roof, Over 7 To 12, Add	*9.16*	
		For >50 To 75, Deduct	*-0.98*	
		For >75 To 100, Deduct	*-2.44*	
		For >100 To 200, Deduct	*-4.14*	
		For >200, Deduct	*-6.31*	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	85.56	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-2.03*	
		For >75 To 100, Deduct	*-4.43*	
		For >100 To 200, Deduct	*-7.33*	
		For >200, Deduct	*-10.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	121.08	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-3.45*	
		For >75 To 100, Deduct	*-6.91*	
		For >100 To 200, Deduct	*-11.24*	
		For >200, Deduct	*-15.56*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	89.95	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-2.21*	
		For >75 To 100, Deduct	*-4.73*	
		For >100 To 200, Deduct	*-7.81*	
		For >200, Deduct	*-11.20*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	85.56	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-2.03*	
		For >75 To 100, Deduct	*-4.43*	
		For >100 To 200, Deduct	*-7.33*	
		For >200, Deduct	*-10.59*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	115.95	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-3.25*	
		For >75 To 100, Deduct	*-6.55*	
		For >100 To 200, Deduct	*-10.67*	
		For >200, Deduct	*-14.84*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	99.91	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-2.61*	
		For >75 To 100, Deduct	*-5.43*	
		For >100 To 200, Deduct	*-8.91*	
		For >200, Deduct	*-12.60*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	141.26	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-4.26*	
		For >75 To 100, Deduct	*-8.33*	
		For >100 To 200, Deduct	*-13.46*	
		For >200, Deduct	*-18.39*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	159.38	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-4.99*	
		For >75 To 100, Deduct	*-9.59*	
		For >100 To 200, Deduct	*-15.45*	
		For >200, Deduct	*-20.92*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	227.35	17.37
		For Steep Roof, Over 7 To 12, Add	*11.11*	
		For >50 To 75, Deduct	*-7.71*	
		For >75 To 100, Deduct	*-14.35*	
		For >100 To 200, Deduct	*-22.93*	
		For >200, Deduct	*-30.44*	

07 40 Roofing And Siding Panels *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories. All new roof installations include flood testing.

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge Galvanized Exposed Fastener Metal Roof Panels	6.32	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0005	SF	20 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.80	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0006	SF	22 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.44	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0007	SF	24 Gauge Galvanized Exposed Fastener Metal Roof Panels	5.08	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0008	SF	26 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.79	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0009	SF	29 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.53	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0010	SF	30 Gauge Galvanized Exposed Fastener Metal Roof Panels	4.43	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0011		Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*		
		See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	31.23	3.39
		For Steep Roof, Over 7 To 12, Add	*4.30*	
		For Fluoropolymer (Kynar) Coating, Add	*1.78*	
07 41 13 00-0013	LF	Eave Flashing For Galvanized Steel Exposed Fastener Roofing	23.99	3.39
		For Steep Roof, Over 7 To 12, Add	*4.30*	
		For Fluoropolymer (Kynar) Coating, Add	*1.06*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	38.21	3.39
		For Steep Roof, Over 7 To 12, Add	*4.30*	
		For Fluoropolymer (Kynar) Coating, Add	*2.48*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	31.86	3.39
		For Steep Roof, Over 7 To 12, Add	*4.30*	
		For Fluoropolymer (Kynar) Coating, Add	*1.84*	
07 41 13 00-0016		Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*		
07 41 13 00-0017		Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*		
07 41 13 00-0018	SF	0.0155" Aluminum Exposed Fastener Metal Roof Panels	4.28	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0019	SF	0.018" Aluminum Exposed Fastener Metal Roof Panels	4.42	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0020	SF	0.024" Aluminum Exposed Fastener Metal Roof Panels	4.77	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0021	SF	0.032" Aluminum Exposed Fastener Metal Roof Panels	5.23	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0022	SF	0.040" Aluminum Exposed Fastener Metal Roof Panels	5.69	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0023	SF	0.050" Aluminum Exposed Fastener Metal Roof Panels	6.26	0.76
		For Fluoropolymer (Kynar) Coating, Add	*0.64*	
		For Steep Roof, Over 7 To 12, Add	*1.08*	
07 41 13 00-0024		Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*		
07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	30.53	3.39
		For Steep Roof, Over 7 To 12, Add	*2.71*	
		For Fluoropolymer (Kynar) Coating, Add	*2.21*	
07 41 13 00-0026	LF	Eave Flashing For Aluminum Exposed Fastener Metal Roofing	21.48	3.39
		For Steep Roof, Over 7 To 12, Add	*2.71*	
		For Fluoropolymer (Kynar) Coating, Add	*1.30*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	39.26	3.39
		For Steep Roof, Over 7 To 12, Add	*2.71*	
		For Fluoropolymer (Kynar) Coating, Add	*3.08*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	31.33	3.39
		For Steep Roof, Over 7 To 12, Add	*2.71*	
		For Fluoropolymer (Kynar) Coating, Add	*2.29*	
07 41 13 00-0029		Standing Seam Roofs *(07 41 13)*		
		Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030		Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*		
		Note: All steel is galvanized G90 rated or galvalume. Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07 41 13 00-0031		Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*		
07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.59	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.61*	
		For Panels <16" Wide, Add	*1.46*	
		For Up To 1,500, Add	*3.15*	
		For >1,500 To 5,000, Add	*1.89*	
		For >5,000 To 10,000, Add	*0.31*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.35	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.63*	
		For Panels <16" Wide, Add	*1.50*	
		For Up To 1,500, Add	*3.34*	
		For >1,500 To 5,000, Add	*2.00*	
		For >5,000 To 10,000, Add	*0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	11.91	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.42*	
		For Up To 1,500, Add	*2.98*	
		For >1,500 To 5,000, Add	*1.79*	
		For >5,000 To 10,000, Add	*0.30*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.18	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.44*	
		For Up To 1,500, Add	*3.05*	
		For >1,500 To 5,000, Add	*1.83*	
		For >5,000 To 10,000, Add	*0.30*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.48	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.61*	
		For Panels <16" Wide, Add	*1.45*	
		For Up To 1,500, Add	*3.12*	
		For >1,500 To 5,000, Add	*1.87*	
		For >5,000 To 10,000, Add	*0.31*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.59	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.63*	
		For Panels <16" Wide, Add	*1.51*	
		For Up To 1,500, Add	*3.40*	
		For >1,500 To 5,000, Add	*2.04*	
		For >5,000 To 10,000, Add	*0.34*	

07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)*

07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	33.01	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.74*	
07 41 13 00-0040	LF	Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	25.04	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.58*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	40.69	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.89*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	33.70	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.75*	

07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.

07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)*

07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.12	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.62*	
		For Panels <16" Wide, Add	*1.48*	
		For Up To 1,500, Add	*3.28*	
		For >1,500 To 5,000, Add	*1.97*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	13.77	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.63*	
		For Panels <16" Wide, Add	*1.52*	
		For Up To 1,500, Add	*3.44*	
		For >1,500 To 5,000, Add	*2.07*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	12.75	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.61*	
		For Panels <16" Wide, Add	*1.47*	
		For Up To 1,500, Add	*3.19*	
		For >1,500 To 5,000, Add	*1.91*	
		For >5,000 To 10,000, Add	*0.32*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	13.95	1.79
		For Steep Roof, Over 6 To 12, Add	*1.34*	
		For 140 MPH Wind Load, Add	*0.64*	
		For Panels <16" Wide, Add	*1.53*	
		For Up To 1,500, Add	*3.49*	
		For >1,500 To 5,000, Add	*2.09*	
		For >5,000 To 10,000, Add	*0.35*	

07 41 13 00-0049 Accessories For Aluminum Standing Seam Roofing *(07 41 13 00-0043)*

07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	37.72	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.83*	
07 41 13 00-0051	LF	Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing	27.76	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.63*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	47.32	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*2.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	38.60	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*1.85*	

07 41 13 00-0054 Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0055 Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0056	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	33.15	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.20*	
		For Panels <16" Wide, Add	*2.90*	
		For Up To 1,500, Add	*8.29*	
		For >1,500 To 5,000, Add	*4.97*	
		For >5,000 To 10,000, Add	*0.83*	
07 41 13 00-0057	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	39.75	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.33*	
		For Panels <16" Wide, Add	*3.23*	
		For Up To 1,500, Add	*9.94*	
		For >1,500 To 5,000, Add	*5.96*	
		For >5,000 To 10,000, Add	*0.99*	

07 41 13 00-0058 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*

07 41 13 00-0059	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	99.12	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*3.06*	
07 41 13 00-0060	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	57.63	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*2.23*	
07 41 13 00-0061	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	138.36	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*3.84*	
07 41 13 00-0062	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	102.22	5.37
		For Steep Roof, Over 6 To 12, Add	*4.03*	
		For 140 MPH Wind Load, Add	*3.12*	

07 41 13 00-0063 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

07 41 13 00-0064 Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0063)*

07 41 13 00-0065	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	25.37	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.05*	
		For Panels <16" Wide, Add	*2.51*	
		For Up To 1,500, Add	*6.34*	
		For >1,500 To 5,000, Add	*3.81*	
		For >5,000 To 10,000, Add	*0.63*	
07 41 13 00-0066	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	29.33	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.12*	
		For Panels <16" Wide, Add	*2.71*	
		For Up To 1,500, Add	*7.33*	
		For >1,500 To 5,000, Add	*4.40*	
		For >5,000 To 10,000, Add	*0.73*	
07 41 13 00-0067	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	34.04	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.22*	
		For Panels <16" Wide, Add	*2.95*	
		For Up To 1,500, Add	*8.51*	
		For >1,500 To 5,000, Add	*5.11*	
		For >5,000 To 10,000, Add	*0.85*	
07 41 13 00-0068	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	40.07	2.69
		For Steep Roof, Over 6 To 12, Add	*2.02*	
		For 140 MPH Wind Load, Add	*1.34*	
		For Panels <16" Wide, Add	*3.25*	
		For Up To 1,500, Add	*10.02*	
		For >1,500 To 5,000, Add	*6.01*	
		For >5,000 To 10,000, Add	*1.00*	

07 41 13 00-0069 Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0063)*

07 41 13 00-0070	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	87.96	5.37
		For Steep Roof, Over 6 To 12, Add	*4.54*	
		For 140 MPH Wind Load, Add	*2.97*	
07 41 13 00-0071	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	52.69	5.37
		For Steep Roof, Over 6 To 12, Add	*4.54*	
		For 140 MPH Wind Load, Add	*2.26*	
07 41 13 00-0072	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	121.31	5.37
		For Steep Roof, Over 6 To 12, Add	*4.54*	
		For 140 MPH Wind Load, Add	*3.64*	
07 41 13 00-0073	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	90.60	5.37
		For Steep Roof, Over 6 To 12, Add	*4.54*	
		For 140 MPH Wind Load, Add	*3.02*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0074		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0075	SF	Acrylic, Metal Roof Primer, One Coat	0.32	
		For Steep Roof, Over 7 To 12, Add	*0.06*	
07 41 13 00-0076	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	0.45	
		For Steep Roof, Over 7 To 12, Add	*0.06*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	4.77	1.91
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	4.46	1.72
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	4.87	1.91
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	4.54	1.72
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	3.12	1.43
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	3.91	1.43
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	4.14	1.43
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	3.53	1.43
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	5.32	1.53
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	6.05	1.53
07 42		**Wall Panels** *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	15.41	3.67
		For Non-Insulated Panels, Deduct	*-2.00*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	16.75	4.13
		For Non-Insulated Panels, Deduct	*-2.14*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	17.93	4.59
		For Non-Insulated Panels, Deduct	*-2.28*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	19.21	4.78
		For Non-Insulated Panels, Deduct	*-2.41*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	21.65	5.24
		For Non-Insulated Panels, Deduct	*-2.80*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	24.94	5.78
		For Non-Insulated Panels, Deduct	*-3.37*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	13.85	1.95
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	15.64	2.20
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	17.18	2.49
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	19.35	3.30
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 63		**Fabricated Wall Panel Assemblies** *(07 42)*		
07 42 63 00-0001		Insulated Freezer And Chiller Panels *(07 42 63)* Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002		Polyurethane Sandwich Panel *(07 42 63 00-0001)* Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	14.32	1.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	15.15	1.43
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	17.96	1.43
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	19.42	1.52
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	20.61	1.52
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	12.83	1.18
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	13.92	1.18
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	16.72	1.27
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	16.24	1.27
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	19.05	1.27
07 42 63 00-0013		Polyurethane Sandwich Panel *(07 42 63 00-0001)*		
		Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	9.72	1.43
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	10.34	1.43
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	11.98	1.43
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	13.01	1.52
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	13.73	1.52
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	8.69	1.18
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.32	1.18
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.99	1.27
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	11.63	1.27
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.64	1.27

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001		Aluminum Coil Stock Cladding *(07 46 16)*		
		Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF	Aluminum Cladding, 0.016" Thick	7.47	2.98
07 46 16 00-0003	SF	Aluminum Cladding, 0.019" Thick	7.51	2.98
07 46 16 00-0004	SF	Aluminum Cladding, 0.024" Thick	7.58	2.98
07 46 16 00-0005		Aluminum Siding Panels For Structural Steel Framing *(07 46 16)*		
		Note: Includes fasteners.		
07 46 16 00-0006		Corrugated *(07 46 16 00-0005)*		
07 46 16 00-0007	SF	0.019" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.24	1.69
07 46 16 00-0008	SF	0.021" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.36	1.69
07 46 16 00-0009	SF	0.024" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.64	1.69
07 46 16 00-0010	SF	0.032" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	5.12	1.69
07 46 16 00-0011	SF	0.019" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.47	1.69
07 46 16 00-0012	SF	0.021" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.58	1.69
07 46 16 00-0013	SF	0.024" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.90	1.69
07 46 16 00-0014	SF	0.032" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	5.53	1.69
07 46 16 00-0015		V- Beam *(07 46 16 00-0005)*		
07 46 16 00-0016	SF	0.032" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.14	1.69
07 46 16 00-0017	SF	0.040" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.39	1.69
07 46 16 00-0018	SF	0.050" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.71	1.69
07 46 16 00-0019	SF	0.032" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.50	1.69
07 46 16 00-0020	SF	0.040" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.93	1.69
07 46 16 00-0021	SF	0.050" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	6.93	1.69
07 46 16 00-0022		Rib *(07 46 16 00-0005)*		
07 46 16 00-0023	SF	0.032" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.45	1.69
07 46 16 00-0024	SF	0.040" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.70	1.69
07 46 16 00-0025	SF	0.050" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	6.03	1.69
07 46 16 00-0026	SF	0.032" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.68	1.69
07 46 16 00-0027	SF	0.040" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	6.09	1.69
07 46 16 00-0028	SF	0.050" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	6.34	1.69
07 46 16 00-0029		Aluminum Soffit And Fascia *(07 46 16)*		
		Note: Excludes J-channel.		
07 46 16 00-0030	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.35	1.29
		For 0.015" Thick, Deduct	*-0.04*	
07 46 16 00-0031	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.00	1.35
		For 0.015" Thick, Deduct	*-0.09*	
07 46 16 00-0032	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.33	1.39
		For 0.015" Thick, Deduct	*-0.11*	
07 46 16 00-0033	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.24	1.46
		For 0.015" Thick, Deduct	*-0.15*	
07 46 16 00-0034	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.30	1.60
		For 0.015" Thick, Deduct	*-0.21*	
07 46 16 00-0035	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.17	1.76
		For 0.015" Thick, Deduct	*-0.32*	
07 46 16 00-0036	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.07	1.95
		For 0.015" Thick, Deduct	*-0.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0037	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	12.01	2.14
		For 0.015" Thick, Deduct	*-0.55*	
07 46 16 00-0038	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	3.77	1.26
07 46 16 00-0039	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	4.08	1.29
07 46 16 00-0040	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	4.68	1.33
07 46 16 00-0041	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	5.31	1.35

07 46 16 00-0042 Aluminum Siding Accessories *(07 46 16)*

07 46 16 00-0043	LF	3/8" Pocket, Aluminum J-Channel	2.67	1.21
07 46 16 00-0044	LF	1/2" Pocket, Aluminum J-Channel	2.67	1.21
07 46 16 00-0045	LF	3/4" Pocket, Aluminum J-Channel	3.02	1.21
07 46 16 00-0046	LF	3/8" Pocket, Aluminum F-Channel	2.72	1.21
07 46 16 00-0047	LF	1/2" Pocket, Aluminum F-Channel	2.72	1.21

07 46 19 Steel Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 19 00-0001 Steel Siding Panels For Structural Steel Framing *(07 46 19)*

Note: Included fasteners.

07 46 19 00-0002 Corrugated, Painted *(07 46 19 00-0001)*

Note: Factory applied.

07 46 19 00-0003	SF	20 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	7.30	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.98*	
07 46 19 00-0004	SF	22 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	6.78	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.85*	
07 46 19 00-0005	SF	24 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	6.65	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.82*	
07 46 19 00-0006	SF	26 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	5.11	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.43*	
07 46 19 00-0007	SF	28 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	5.00	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.40*	
07 46 19 00-0008	SF	30 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted	4.93	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.39*	

07 46 19 00-0009 Box Rib, Painted *(07 46 19 00-0001)*

Note: Factory applied.

07 46 19 00-0010	SF	20 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.90	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.88*	
07 46 19 00-0011	SF	22 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.67	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.82*	
07 46 19 00-0012	SF	24 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.51	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.78*	
07 46 19 00-0013	SF	26 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	6.25	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.72*	
07 46 19 00-0014	SF	28 Gauge Box Rib Steel Siding Panel, Painted With Fasteners	5.69	1.69
		For Galvanized Instead Of Painted Steel, Add	*0.58*	

07 46 19 00-0015 Steel Siding For Wood Frame *(07 46 19)*

Note: Horizontal clapboard, double 5" profiler, 1/2" deep butt, wood grain pattern. Includes fasteners, trim and all accessories.

07 46 19 00-0016	SF	Horizontal Clapboard	5.22	0.85

07 46 23 Wood Siding *(07 46)*

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 23 00-0001 Wood Lap Siding *(07 46 23)*

07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	3.34	1.26
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	3.77	1.34
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	4.22	1.44
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.57	1.26
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	3.98	1.26
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.85	1.26
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	5.19	1.26
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	4.71	1.26
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.36	1.34
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	3.36	1.34

07 46 23 00-0012 Tongue And Groove Siding *(07 46 23)*

07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.33	1.26
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	3.69	1.26
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	3.42	1.26
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	3.78	1.26

07 46 29 Plywood Siding *(07 46)*

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 29 00-0001 T-111 Siding *(07 46 29)*

07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.37	0.65
		For Pressure Treated, Add	*0.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 46 33 Plastic Siding *(07 46)*

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 33 00-0001 Vinyl Siding *(07 46 33)*

Note: Includes standard manufacturer's colors.

07 46 33 00-0002 Vinyl Siding Panels *(07 46 33 00-0001)*

Note: Excludes J-channels, starter strips and trim.

07 46 33 00-0003 Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*

Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.

07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.93	1.57
		For 0.040" Thick, Deduct	*-0.10*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.33*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.75	1.48
		For 0.040" Thick, Deduct	*-0.10*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.33*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.61	1.41
		For 0.040" Thick, Deduct	*-0.10*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.33*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.48	1.34
		For 0.040" Thick, Deduct	*-0.10*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.33*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.28	1.25
		For 0.040" Thick, Deduct	*-0.10*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.33*	
		For Manufacturer's Custom Colors, Add	*0.04*	

07 46 33 00-0009 Vertical Vinyl Siding Panels *(07 46 33 00-0002)*

07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	4.54	1.57
		For Manufacturer's Custom Colors, Add	*0.07*	

07 46 33 00-0011 Vinyl Siding Accessories *(07 46 33 00-0001)*

07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	4.42	1.21
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	7.49	1.21
		For Manufacturer's Custom Colors, Add	*0.25*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	3.65	1.21
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	4.29	1.21
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	2.84	1.21
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	2.69	1.21
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	2.66	1.21
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	2.75	1.21
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	3.20	1.21
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	3.42	1.21
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	3.91	1.21
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	2.61	1.21
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineals For Vinyl Siding	5.70	1.66
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineals For Vinyl Siding	5.92	1.66
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineals For Vinyl Siding	6.39	1.66
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	3.52	1.21
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	4.20	1.21
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	3.71	1.21
		For Manufacturer's Custom Colors, Add	*0.07*	

07 46 33 00-0030 Vinyl Soffit And Fascia *(07 46 33 00-0001)*

Note: Excludes J-channel.

07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.31	1.29
		For 0.038" Thick, Deduct	*-0.33*	
		For 0.040" Thick, Deduct	*-0.26*	
		For Manufacturer's Custom Colors, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.92	1.35
		For 0.038" Thick, Deduct	*-0.54*	
		For 0.040" Thick, Deduct	*-0.45*	
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.23	1.39
		For 0.038" Thick, Deduct	*-0.65*	
		For 0.040" Thick, Deduct	*-0.54*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.10	1.46
		For 0.038" Thick, Deduct	*-0.98*	
		For 0.040" Thick, Deduct	*-0.82*	
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.11	1.60
		For 0.038" Thick, Deduct	*-1.33*	
		For 0.040" Thick, Deduct	*-1.10*	
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	7.88	1.76
		For 0.038" Thick, Deduct	*-1.98*	
		For 0.040" Thick, Deduct	*-1.66*	
		For Manufacturer's Custom Colors, Add	*0.22*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.68	1.95
		For 0.038" Thick, Deduct	*-2.65*	
		For 0.040" Thick, Deduct	*-2.22*	
		For Manufacturer's Custom Colors, Add	*0.29*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	11.52	2.14
		For 0.038" Thick, Deduct	*-3.33*	
		For 0.040" Thick, Deduct	*-2.78*	
		For Manufacturer's Custom Colors, Add	*0.36*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	3.38	1.26
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	3.70	1.29
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	3.70	1.33
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	4.13	1.35
		For Manufacturer's Custom Colors, Add	*0.07*	

07 46 33 00-0043 Fiberglass Siding *(07 46 33)*

07 46 33 00-0044 Corrugated Panels *(07 46 33 00-0043)*

07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	5.27	1.85
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	5.58	1.66
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	6.13	1.66

07 46 33 00-0048 Flat Panels *(07 46 33 00-0043)*

07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	5.07	1.66
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	5.58	1.66

07 46 46 Fiber-Cement Siding *(07 46)*

Note: Smooth or patterns. Includes sealer and primer.

07 46 46 00-0001 5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*

07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.19	1.95
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.94	1.85
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.83	1.80
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.72	1.75
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.50	1.66
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.28	1.57
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.13	0.47

07 46 46 00-0009 Fiber Cement Shingle Siding *(07 46 46)*

07 46 46 00-0010	SF	Fiber Cement Shingle Siding	7.42	1.71

07 46 46 00-0011 Fiber Cement Vertical Panel Siding *(07 46 46)*

07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	3.80	1.39

07 46 46 00-0013 Fiber Cement Trim Boards *(07 46 46)*

07 46 46 00-0014 7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*

07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.48	0.92
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.10	1.01
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	3.67	1.11
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	4.76	1.30

07 46 46 00-0019 3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*

07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	2.59	0.92
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	3.26	1.01
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	3.94	1.11
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	4.18	1.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	2.72	0.92
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	3.49	1.01
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	4.28	1.11
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	5.63	1.30
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	4.81	1.84
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	5.89	2.04
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	6.46	2.04
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	8.43	2.39
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	4.71	1.33
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	4.97	1.33

07 46 63 Fabricated Panel Assemblies With Siding *(07 46)*

07 46 63 00-0001 Metal Liner Panels *(07 46 63)*

07 46 63 00-0002 Galvanized Metal Liner Panels *(07 46 63 00-0001)*

07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	6.43	1.44
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	6.98	1.44
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	7.96	1.44
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	8.06	1.44

07 50 Membrane Roofing *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories. See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0066 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	65.41	
		For Up To 10, Add	*12.35*	
		For >10 To 25, Add	*9.32*	
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	156.55	
		For Up To 10, Add	*16.90*	
		For >10 To 25, Add	*13.88*	

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	4.23	

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	51.96	
		For Up To 10, Add	*11.67*	
		For >10 To 25, Add	*8.65*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	54.56	
		For Up To 10, Add	*11.80*	
		For >10 To 25, Add	*8.78*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	57.51	
		For Up To 10, Add	*11.95*	
		For >10 To 25, Add	*8.93*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	90.25	
		For Up To 10, Add	*13.59*	
		For >10 To 25, Add	*10.56*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	143.09	
		For Up To 10, Add	*16.23*	
		For >10 To 25, Add	*13.20*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	113.16	
		For Up To 10, Add	*15.59*	
		For >10 To 25, Add	*12.28*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	3.01	
07 51 13 00-0019		**Mechanically Fastened, Built-Up Asphalt Membrane Roofing** *(07 51 13 00-0002)* Note: Includes fasteners.		
07 51 13 00-0020		**Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets** *(07 51 13 00-0019)*		
07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	46.87	
		For Up To 10, Add	*6.88*	
		For >10 To 25, Add	*5.37*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	82.57	
		For Up To 10, Add	*8.66*	
		For >10 To 25, Add	*7.15*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	135.41	
		For Up To 10, Add	*11.30*	
		For >10 To 25, Add	*9.79*	
07 51 13 00-0024		**Mechanically Fastened, Built-Up Asphalt Roofing Flashing** *(07 51 13 00-0019)*		
07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	3.45	
07 51 13 00-0026		**Asphalt Saturated Organic Felt** *(07 51 13 00-0001)*		
07 51 13 00-0027		**Cold Adhesive Applied, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	63.79	
		For Up To 10, Add	*12.26*	
		For >10 To 25, Add	*9.24*	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	70.49	
		For Up To 10, Add	*12.60*	
		For >10 To 25, Add	*9.57*	
07 51 13 00-0030		**Hot-Mopped, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	50.33	
		For Up To 10, Add	*11.59*	
		For >10 To 25, Add	*8.57*	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	57.03	
		For Up To 10, Add	*11.93*	
		For >10 To 25, Add	*8.90*	
07 51 13 00-0033		**Mechanically Fastened, Asphalt Saturated Organic Felt** *(07 51 13 00-0026)* Note: Includes fasteners.		
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	25.18	
		For Up To 10, Add	*5.79*	
		For >10 To 25, Add	*4.28*	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	31.88	
		For Up To 10, Add	*6.13*	
		For >10 To 25, Add	*4.62*	
07 51 13 00-0036		**Surfacing** *(07 51 13 00-0001)*		
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	116.02	
		For Up To 10, Add	*28.49*	
		For >10 To 25, Add	*20.93*	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	155.45	
		For Up To 10, Add	*30.46*	
		For >10 To 25, Add	*22.90*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	129.08	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	30.81	
		For Up To 10, Add	*4.53*	
		For >10 To 25, Add	*3.54*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	66.75	
		For Up To 10, Add	*8.78*	
		For >10 To 25, Add	*6.97*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	60.23	
		For Up To 10, Add	*8.46*	
		For >10 To 25, Add	*6.64*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over smooth-surfaced built-up roofs.	78.03	
		For Up To 10, Add	*9.35*	
		For >10 To 25, Add	*7.53*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	78.61	
		For Up To 10, Add	*9.38*	
		For >10 To 25, Add	*7.56*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*21.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	81.01	
		For Up To 10, Add	*9.50*	
		For >10 To 25, Add	*7.68*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*22.53*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	1.57	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	3.09	
07 51 13 00-0048		**Walkway Pads** *(07 51 13 00-0001)* Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0049	LF	5/16" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad	16.36	
07 51 13 00-0050	LF	1/2" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad	19.17	
07 51 13 00-0051		**Cant And Tapered Edge Strips** *(07 51 13 00-0001)*		
07 51 13 00-0052	LF	2" x 2" Perlite Cant Strip	3.33	
07 51 13 00-0053	LF	3" x 3" Perlite Cant Strip	3.39	
07 51 13 00-0054	LF	4" x 4" Perlite Cant Strip	3.70	
07 51 13 00-0055	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	3.45	
07 51 13 00-0056	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	3.55	
07 51 13 00-0057	LF	1/2" x 6" Perlite Tapered Edge Strip	3.74	
07 51 13 00-0058	LF	1/2" x 12" Perlite Tapered Edge Strip	4.09	
07 51 13 00-0059	LF	1" x 12" Perlite Tapered Edge Strip	4.19	
07 51 13 00-0060	LF	1" x 24" Perlite Tapered Edge Strip	4.55	
07 51 13 00-0061	LF	1-1/2" x 12" Perlite Tapered Edge Strip	4.52	
07 51 13 00-0062	LF	1-1/2" x 18" Perlite Tapered Edge Strip	5.18	
07 51 13 00-0063	LF	1-1/2" x 24" Perlite Tapered Edge Strip	5.66	
07 51 13 00-0064		**Asphalt Primer** *(07 51 13 00-0001)*		
07 51 13 00-0065	SQ	Asphalt Primer For Roofing Systems Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	26.22	
07 51 13 00-0066		**Demolish Built-Up Roofing** *(07 51 13 00-0001)* Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.		
07 51 13 00-0067	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System		319.67
		For Up To 10, Add		*79.40*
		For >10 To 25, Add		*47.64*
07 51 13 00-0068	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.		246.61
		For Up To 10, Add		*61.26*
		For >10 To 25, Add		*36.75*
07 51 13 00-0069		**Roofing System Warranty** *(07 51 13 00-0001)* Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0070	EA	Up To 70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	350.00	
07 51 13 00-0071	SQ	>70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	5.00	
07 51 13 00-0072	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	400.00	
07 51 13 00-0073	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.00	
07 51 13 00-0074	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	550.00	
07 51 13 00-0075	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	11.00	
07 51 13 00-0076		**Built-Up Roofing Components (Tremco)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0077		**Cold Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0076)*		
07 51 13 00-0078	SQ	BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	80.70	
07 51 13 00-0079	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	97.23	
07 51 13 00-0080	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	107.33	
07 51 13 00-0081	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	25.16	
07 51 13 00-0082	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	35.73	
07 51 13 00-0083	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	143.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0084	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	132.51	

07 51 13 00-0085 Hot Or Cold Applied Modified Bitumen Cap Membrane *(07 51 13 00-0076)*

07 51 13 00-0086	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	84.04	
07 51 13 00-0087	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	215.97	
07 51 13 00-0088	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	354.61	
07 51 13 00-0089	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	99.15	
07 51 13 00-0090	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	149.11	
07 51 13 00-0091	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	353.51	
07 51 13 00-0092	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	259.47	
07 51 13 00-0093	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	252.70	

07 51 13 00-0094 Self Adhesive Base Plies And Ply Sheets *(07 51 13 00-0076)*

07 51 13 00-0095	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced SBS modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	147.42	
07 51 13 00-0096	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive SBS modified bitumen membrane. Type I, Grade G. 130 mils.	296.01	

07 51 13 00-0097 Flashings *(07 51 13 00-0076)*

07 51 13 00-0098	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	10.64	
07 51 13 00-0099	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	17.55	
07 51 13 00-0100	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	23.32	
07 51 13 00-0101	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	34.01	
07 51 13 00-0102	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	56.34	
07 51 13 00-0103	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	8.77	
07 51 13 00-0104	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	14.55	
07 51 13 00-0105	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	19.39	
07 51 13 00-0106	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	28.15	
07 51 13 00-0107	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	47.52	
07 51 13 00-0108	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	2.98	
07 51 13 00-0109	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.07	
07 51 13 00-0110	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.25	
07 51 13 00-0111	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	10.89	

07 51 13 00-0112 Cold Applied Adhesives *(07 51 13 00-0076)*

07 51 13 00-0113	SQ	BURmastic Inter-Ply Cold Applied Adhesive	97.74	
07 51 13 00-0114	SQ	BURmastic Flood Coat Cold Applied Adhesive	160.43	
07 51 13 00-0115	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	122.52	
07 51 13 00-0116	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	97.74	
07 51 13 00-0117	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	53.10	
07 51 13 00-0118	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	113.17	
07 51 13 00-0119	SQ	POWERply White On White Cold Applied Adhesive	111.82	
07 51 13 00-0120	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	292.91	
07 51 13 00-0121	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	160.80	
07 51 13 00-0122	SQ	ECOLastic Cold Applied Adhesive	185.56	

07 51 13 00-0123 Hot Applied Adhesives *(07 51 13 00-0076)*

07 51 13 00-0124	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	40.49	
07 51 13 00-0125	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	69.56	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0126		**Flashings Adhesives** *(07 51 13 00-0076)*		
07 51 13 00-0127	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	14.93	
07 51 13 00-0128	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	18.47	
07 51 13 00-0129	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	12.80	
07 51 13 00-0130	LF	TremSEAL D General Purpose Sealant	5.02	
07 51 13 00-0131	LF	TremSEAL HP High Performance Sealant	5.11	
07 51 13 00-0132	LF	TremSEAL S Silicone Sealant	5.03	
07 51 13 00-0133		**Surfacing** *(07 51 13 00-0076)*		
07 51 13 00-0134	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating	142.15	
07 51 13 00-0135	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	321.45	
07 51 13 00-0136	SQ	Polar Coat	88.58	
07 51 13 00-0137	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	106.09	
07 51 13 00-0138	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	292.82	
07 51 13 00-0139	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	141.82	
07 51 13 00-0140	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	37.24	
07 51 13 00-0141		**Walkway Protection Pads** *(07 51 13 00-0076)*		
07 51 13 00-0142	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	21.35	
07 51 13 00-0143		**Primer** *(07 51 13 00-0076)*		
07 51 13 00-0144	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	27.41	
07 51 13 00-0145	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	49.97	
07 51 13 00-0146		**Liquid Applied Roofing** *(07 51 13 00-0076)*		
07 51 13 00-0147	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	245.25	
07 51 13 00-0148	SQ	Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	251.78	
07 51 13 00-0149	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	309.83	
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	398.18	
07 51 13 00-0151	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	234.54	
07 51 13 00-0152	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	35.51	
07 51 13 00-0153	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	53.02	
07 51 13 00-0154	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	56.10	
07 51 13 00-0155	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	40.07	
07 51 13 00-0156	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	36.56	
07 51 13 00-0157		**Atactic-Polypropylene (APP) Products** *(07 51 13 00-0076)*		
07 51 13 00-0158	SQ	POWERply APP Base Sheet	127.27	
07 51 13 00-0159	SQ	POWERply APP FR	237.82	
07 51 13 00-0160	SQ	POWERply APP Smooth	190.70	
07 51 13 00-0161		**Tri-Polymer Alloy (TPA) White Membrane** *(07 51 13 00-0076)*		
07 51 13 00-0162	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	342.43	
07 51 13 00-0163	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	456.42	
07 51 13 00-0164	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	512.61	
07 51 13 00-0165		**Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane** *(07 51 13 00-0076)*		
07 51 13 00-0166	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	386.66	
07 51 13 00-0167	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	466.11	
07 51 13 00-0168	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	562.67	
07 51 13 00-0169		**Tri-Polymer Alloy (TPA) Membrane Accessories** *(07 51 13 00-0076)*		
07 51 13 00-0170	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	70.22	
07 51 13 00-0171	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	79.64	
07 51 13 00-0172	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	14.28	
07 51 13 00-0173	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	52.47	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0174		**Thermoplastic Polyolefin (TPO) Polyester White Membrane** *(07 51 13 00-0076)*		
07 51 13 00-0175	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	196.79	
07 51 13 00-0176	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	196.03	
07 51 13 00-0177	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	333.26	
07 51 13 00-0178		**Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane** *(07 51 13 00-0076)*		
07 51 13 00-0179	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	221.30	
07 51 13 00-0180	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	243.63	
07 51 13 00-0181	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	341.77	
07 51 13 00-0182		**Tremply HP 4510 CSPE White Membrane** *(07 51 13 00-0076)*		
07 51 13 00-0183	SQ	45 Mil Tremply HP 4510 CSPE White Membrane	544.65	
07 51 13 00-0184		**Single Ply Adhesives** *(07 51 13 00-0076)*		
07 51 13 00-0185	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	96.68	
07 51 13 00-0186	SQ	Water Based, TPA Bonding Adhesive (Tremco)	107.75	
07 51 13 00-0187	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	95.08	
07 51 13 00-0188	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	67.17	
07 51 13 00-0189		**Warranty** *(07 51 13 00-0076)*		
07 51 13 00-0190	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0191	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0192	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0193	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0194		**Built-Up Roofing Components (Garland)** *(07 51 13)*		
		Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0195		**Modified Cap Membranes** *(07 51 13 00-0194)*		
07 51 13 00-0196		**Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0195)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0197	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	318.80	
07 51 13 00-0198	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth SBS-Modified Membrane With Recycled Rubber, 105 Mil	225.13	
07 51 13 00-0199	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	277.46	
07 51 13 00-0200	SQ	Stressply® E Eco-Responsible, Smooth SBS/SIS Membrane With High Recycled Content And Renewable Materials	288.13	
07 51 13 00-0201	SQ	Stressply® E FR Mineral Eco-Responsible, SBS/SIS Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	406.80	
07 51 13 00-0202	SQ	Stressply® EUV SPF Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 SBS/SIS-Modified Membrane With Recycled Rubber, 160 Mil	448.13	
07 51 13 00-0203	SQ	Versiply® 80 Dual Fiberglass Reinforced SBS-Modified Membrane, 80 Mil	186.53	
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.		
07 51 13 00-0204	SQ	Versiply® Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Minimum 145 Mil	237.46	
07 51 13 00-0205	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced SBS Modified Membrane, 140 Mil	184.13	
07 51 13 00-0206		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0195)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0207	SQ	Stressply® SA FR Mineral SBS-Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	283.13	
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
07 51 13 00-0208		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0195)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0209	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth SBS-Modified Membrane, Torch Applied, 180 Mil	348.13	
		Note: Smooth surfaced SBS torch modified top ply of torch system with gravel.		
07 51 13 00-0210	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Torch Applied, Minimum 195 Mil	377.46	
07 51 13 00-0211	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface SBS-Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	398.80	
07 51 13 00-0212		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0195)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0213	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth SBS-Modified Coal Tar Membrane, Minimum 120 Mil	316.80	
07 51 13 00-0214	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	504.13	
07 51 13 00-0215	SQ	Millennium® Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Membrane, Minimum 160 Mil	412.13	
07 51 13 00-0216		**Base Plys** *(07 51 13 00-0194)*		
		Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		
07 51 13 00-0217	SQ	Flexbase® 120 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	304.13	
07 51 13 00-0218	SQ	Flexbase® 80 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	181.13	
07 51 13 00-0219	SQ	HPR® Aqua Shield Styrene-Butadiene Rubber (SBR)-Modified Fiberglass Reinforced Self-Adhering Underlayment For Ice And Water Protection, 60 Mil	114.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0220	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	43.20	
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0221	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	29.73	
		Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0222	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	64.53	
07 51 13 00-0223	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	38.53	
07 51 13 00-0224	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced SBS-Modified Base Sheet, 60 Mil	109.80	
		Note: Inner plies for cold applied modified, SBS modified, or 2 plies under cap sheet.		
07 51 13 00-0225	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	181.47	
07 51 13 00-0226	SQ	HPR® SA FR Base Sheet SBS Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	160.13	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0227	SQ	HPR® Torch Base Sheet Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply For Torch Applied Membranes, 110 Mil	215.13	
		Note: Torch base sheet used as base ply for torch applied system.		
07 51 13 00-0228	SQ	StressBase® 120 Fiberglass Reinforced SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	159.53	
07 51 13 00-0229	SQ	StressBase® 80 Fiberglass Reinforced, Smooth SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	133.20	
07 51 13 00-0230	LF	Garmesh® 6" SBS Coated Woven Fiberglass Reinforcing Fabric	4.09	
07 51 13 00-0231	SQ	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	36.63	
07 51 13 00-0232	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	34.23	
07 51 13 00-0233	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.25	
07 51 13 00-0234	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	3.96	
07 51 13 00-0235	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.03	
07 51 13 00-0236	SQ	4873 HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	71.23	

07 51 13 00-0237 Coatings And Mastics For Roof Installation, Restoration And Repairs *(07 51 13 00-0194)*

07 51 13 00-0238	SQ	Water Based Roof Primer, GarlaPrime VOC Primer (1 GAL/SQ)	32.33	
07 51 13 00-0239	SQ	All-Knight™ Primer Bleed Blocker For Asphalt And Coal Tar Roofs Used With White-Knight, Garla-Brite And Pyramic Roof Systems (0.5 GAL/SQ)	43.93	
07 51 13 00-0240	SQ	Black-Knight® Primer (0.5 GAL/SQ)	23.53	
07 51 13 00-0241	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply (1.5-2.0 GAL/SQ)	77.73	
07 51 13 00-0242	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	184.52	
07 51 13 00-0243	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	294.12	
07 51 13 00-0244	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply (30 LB/SQ)	99.38	
07 51 13 00-0245	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat (70 LB/SQ)	215.72	
07 51 13 00-0246	SQ	Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	90.72	
07 51 13 00-0247	SQ	Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration (6 GAL/SQ)	172.13	
07 51 13 00-0248	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	210.68	
07 51 13 00-0249	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration (6 GAL/SQ)	412.14	
07 51 13 00-0250	SQ	Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproofer, Interply (25 LB/SQ)	80.94	
07 51 13 00-0251	SQ	Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproofer, Flood Coat (60 LB/SQ)	176.72	
07 51 13 00-0252	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With SBS Sheets Only (2-3 GAL/SQ)	237.37	
07 51 13 00-0253	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With SBS Sheets Only (2.0-2.5 GAL/SQ)	169.52	
07 51 13 00-0254	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply (25 LB/SQ)	48.77	
07 51 13 00-0255	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat (60 LB/SQ)	99.52	
07 51 13 00-0256	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel (150 SF/Cartridge)	84.25	
07 51 13 00-0257	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers (150 SF/Cartridge)	83.89	
07 51 13 00-0258	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products (150-200 SF/GAL)	36.39	
		Note: Adheres all insulation layers for cold systems.		
07 51 13 00-0259	SQ	Pyramic® White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required (1-1.5 GAL/SQ)	62.09	
07 51 13 00-0260	SQ	Pyramic® Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System, Top Coat Required (1-1.5 GAL/SQ)	61.53	
07 51 13 00-0261	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh (1 GAL/7 LF)	13.19	
07 51 13 00-0262	SQ	Solex® White, Kynar Acrylic Topcoat Roof Coating Used With Pyramic Base Coat (0.5 GAL/SQ)	113.53	
07 51 13 00-0263	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric (2-2.5 GAL/SQ)	238.60	
07 51 13 00-0264	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	116.52	
07 51 13 00-0265	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Restoration (6-8 GAL/SQ)	158.93	
07 51 13 00-0266	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply (2.5 GAL/SQ)	71.52	
07 51 13 00-0267	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System (2-3 GAL/SQ)	230.20	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0268	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply (2.5 GAL/SQ) Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	71.02	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	109.10
		For Up To 10, Add	*14.53*
		For >10 To 25, Add	*11.51*
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	129.91
		For Up To 10, Add	*15.57*
		For >10 To 25, Add	*12.55*
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	210.27
		For Up To 10, Add	*19.59*
		For >10 To 25, Add	*16.56*
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	213.15
		For Up To 10, Add	*20.59*
		For >10 To 25, Add	*17.28*
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	146.75
		For Up To 10, Add	*17.27*
		For >10 To 25, Add	*13.96*
		For Factory Applied White Reflective Surfacing, Add	*53.84*
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	167.79
		For Up To 10, Add	*18.33*
		For >10 To 25, Add	*15.01*
		For Factory Applied White Reflective Surfacing, Add	*53.84*
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	225.14
		For Up To 10, Add	*21.19*
		For >10 To 25, Add	*17.88*
		For Factory Applied White Reflective Surfacing, Add	*53.84*

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.77
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.89
		For Factory Applied White Reflective Surfacing, Add	*0.54*

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, APP Modified Bitumen Base Sheet, Torch-Applied	74.85
		For Up To 10, Add	*10.55*
		For >10 To 25, Add	*8.28*
07 52 13 13-0004	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Torch-Applied	95.66
		For Up To 10, Add	*11.59*
		For >10 To 25, Add	*9.32*
07 52 13 13-0005	SQ	150 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	105.42
		For Up To 10, Add	*12.08*
		For >10 To 25, Add	*9.81*
07 52 13 13-0006	SQ	160 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	110.75
		For Up To 10, Add	*12.34*
		For >10 To 25, Add	*10.08*
07 52 13 13-0007	SQ	180 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied	153.97
		For Up To 10, Add	*14.51*
		For >10 To 25, Add	*12.24*
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	106.79
		For Up To 10, Add	*12.55*
		For >10 To 25, Add	*10.15*
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	113.45
		For Up To 10, Add	*12.89*
		For >10 To 25, Add	*10.48*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	155.34	
		For Up To 10, Add	*14.98*	
		For >10 To 25, Add	*12.58*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	110.99	
		For Up To 10, Add	*12.76*	
		For >10 To 25, Add	*10.36*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	117.45	
		For Up To 10, Add	*13.09*	
		For >10 To 25, Add	*10.68*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	133.30	
		For Up To 10, Add	*13.88*	
		For >10 To 25, Add	*11.48*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	135.23	
		For Up To 10, Add	*13.98*	
		For >10 To 25, Add	*11.57*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	189.38	
		For Up To 10, Add	*16.68*	
		For >10 To 25, Add	*14.28*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	

07 52 13 13-0016 Torch-Applied, APP Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.20	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.26	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.68	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.30	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	2.48	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied	3.02	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, APP Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, APP Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	108.77	
		For Up To 10, Add	*9.97*	
		For >10 To 25, Add	*8.46*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	88.72	
		For Up To 10, Add	*13.51*	
		For >10 To 25, Add	*10.49*	
07 52 16 11-0004	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	111.83	
		For Up To 10, Add	*14.67*	
		For >10 To 25, Add	*11.64*	
07 52 16 11-0005	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied	114.81	
		For Up To 10, Add	*14.82*	
		For >10 To 25, Add	*11.79*	
07 52 16 11-0006	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	151.66	
		For Up To 10, Add	*16.66*	
		For >10 To 25, Add	*13.63*	
07 52 16 11-0007	SQ	125 Mil, SBS Modified Bitumen Ply Sheet, Cold Adhesive Applied	188.96	
		For Up To 10, Add	*18.52*	
		For >10 To 25, Add	*15.50*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	160.92	
		For Up To 10, Add	*17.98*	
		For >10 To 25, Add	*14.67*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	164.93	
		For Up To 10, Add	*18.18*	
		For >10 To 25, Add	*14.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	146.15	
		For Up To 10, Add	*17.24*	
		For >10 To 25, Add	*13.93*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	147.88	
		For Up To 10, Add	*17.33*	
		For >10 To 25, Add	*14.02*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	163.87	
		For Up To 10, Add	*18.13*	
		For >10 To 25, Add	*14.82*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	166.53	
		For Up To 10, Add	*18.26*	
		For >10 To 25, Add	*14.95*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	189.84	
		For Up To 10, Add	*19.43*	
		For >10 To 25, Add	*16.12*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	232.30	
		For Up To 10, Add	*21.55*	
		For >10 To 25, Add	*18.24*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	149.04	
		For Up To 10, Add	*17.39*	
		For >10 To 25, Add	*14.08*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	153.21	
		For Up To 10, Add	*17.60*	
		For >10 To 25, Add	*14.28*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	175.85	
		For Up To 10, Add	*18.73*	
		For >10 To 25, Add	*15.42*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	176.39	
		For Up To 10, Add	*18.76*	
		For >10 To 25, Add	*15.44*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied	186.51	
		For Up To 10, Add	*19.26*	
		For >10 To 25, Add	*15.95*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	

07 52 16 11-0021 Cold Adhesive Applied, SBS Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.29	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.10	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.12	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.31	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.54	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.96	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.13	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.17	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.40	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	4.50	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	5.33	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	8.33	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	75.27	
		For Up To 10, Add	*12.84*	
		For >10 To 25, Add	*9.81*	
07 52 16 12-0004	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	98.37	
		For Up To 10, Add	*13.99*	
		For >10 To 25, Add	*10.97*	
07 52 16 12-0005	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	101.35	
		For Up To 10, Add	*14.14*	
		For >10 To 25, Add	*11.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0006	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Hot-Mopped	138.20	
		For Up To 10, Add	*15.99*	
		For >10 To 25, Add	*12.96*	
07 52 16 12-0007	SQ	125 Mil, SBS Modified Bitumen Ply Sheet, Hot-Mopped	175.50	
		For Up To 10, Add	*17.85*	
		For >10 To 25, Add	*14.83*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	147.51	
		For Up To 10, Add	*17.31*	
		For >10 To 25, Add	*14.00*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	151.52	
		For Up To 10, Add	*17.51*	
		For >10 To 25, Add	*14.20*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	132.74	
		For Up To 10, Add	*16.57*	
		For >10 To 25, Add	*13.26*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	134.47	
		For Up To 10, Add	*16.66*	
		For >10 To 25, Add	*13.35*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	150.46	
		For Up To 10, Add	*17.46*	
		For >10 To 25, Add	*14.15*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	153.12	
		For Up To 10, Add	*17.59*	
		For >10 To 25, Add	*14.28*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	176.43	
		For Up To 10, Add	*18.76*	
		For >10 To 25, Add	*15.45*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	218.90	
		For Up To 10, Add	*20.88*	
		For >10 To 25, Add	*17.57*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	135.63	
		For Up To 10, Add	*16.72*	
		For >10 To 25, Add	*13.41*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	139.80	
		For Up To 10, Add	*16.93*	
		For >10 To 25, Add	*13.61*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	162.45	
		For Up To 10, Add	*18.06*	
		For >10 To 25, Add	*14.75*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	162.98	
		For Up To 10, Add	*18.09*	
		For >10 To 25, Add	*14.77*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	173.10	
		For Up To 10, Add	*18.59*	
		For >10 To 25, Add	*15.28*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	

07 52 16 12-0021 Hot-Mopped, SBS Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.07	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.88	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.90	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.06	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.08	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.32	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.74	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.91	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.95	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.14	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.28	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	4.11	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	7.10	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0001		Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 13)*		
		Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 16 13-0002		Torch-Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*		
07 52 16 13-0003	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Torch-Applied	124.07	
		For Up To 10, Add	*13.01*	
		For >10 To 25, Add	*10.74*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	112.52	
		For Up To 10, Add	*12.84*	
		For >10 To 25, Add	*10.44*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	127.71	
		For Up To 10, Add	*13.60*	
		For >10 To 25, Add	*11.20*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	196.54	
		For Up To 10, Add	*17.04*	
		For >10 To 25, Add	*14.64*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	116.86	
		For Up To 10, Add	*13.06*	
		For >10 To 25, Add	*10.65*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	134.77	
		For Up To 10, Add	*13.95*	
		For >10 To 25, Add	*11.55*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	140.42	
		For Up To 10, Add	*14.24*	
		For >10 To 25, Add	*11.83*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	182.21	
		For Up To 10, Add	*16.33*	
		For >10 To 25, Add	*13.92*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 13-0011		Torch-Applied, SBS Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*		
07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.42	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.41	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	3.09	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.49	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.53	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	2.95	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	3.04	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied	6.46	
07 52 16 14		**Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** *(07 52 16)*		
07 52 16 14-0001		Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 14)*		
		Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 16 14-0002		Mechanically Fastened, SBS Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*		
07 52 16 14-0003	SQ	35 Mil, SBS Modified Bitumen Ply Sheet, Mechanically Fastened	85.81	
		For Up To 10, Add	*8.82*	
		For >10 To 25, Add	*7.31*	
07 52 16 14-0004	SQ	50 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	67.58	
		For Up To 10, Add	*7.91*	
		For >10 To 25, Add	*6.40*	
07 52 16 14-0005	SQ	80 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	85.53	
		For Up To 10, Add	*8.81*	
		For >10 To 25, Add	*7.30*	
07 52 16 14-0006	SQ	90 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened	105.35	
		For Up To 10, Add	*9.80*	
		For >10 To 25, Add	*8.29*	
07 52 16 14-0007	SQ	120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	130.52	
		For Up To 10, Add	*11.06*	
		For >10 To 25, Add	*9.55*	
07 52 16 14-0008		Mechanically Fastened, SBS Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*		
07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened	1.97	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened	2.01	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 15-0001 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16 15)*
Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.

07 52 16 15-0002 Self-Adhering, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*

07 52 16 15-0003	SQ	60 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	71.50	
		For Up To 10, Add	*9.02*	
		For >10 To 25, Add	*7.21*	
07 52 16 15-0004	SQ	70 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	75.28	
		For Up To 10, Add	*9.21*	
		For >10 To 25, Add	*7.39*	
07 52 16 15-0005	SQ	120 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering	122.04	
		For Up To 10, Add	*11.96*	
		For >10 To 25, Add	*10.00*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	144.18	
		For Up To 10, Add	*13.06*	
		For >10 To 25, Add	*11.11*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering	209.45	
		For Up To 10, Add	*16.33*	
		For >10 To 25, Add	*14.37*	
		For Factory Applied White Reflective Surfacing, Add	*53.84*	

07 52 16 15-0008 Self-Adhering, SBS Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*

07 52 16 15-0009	SF	70 Mil, SBS Modified Bitumen Flashing, Self-Adhering	2.40	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	2.62	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering	3.27	
		For Factory Applied White Reflective Surfacing, Add	*0.54*	

07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)*
Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Fully Adhered Note: Includes adhesive.	302.17	73.07
		For Up To 10, Add	*58.67*	
		For >10 To 25, Add	*44.15*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Ballasted Note: Includes ballast.	202.97	36.54
		For Up To 10, Add	*31.93*	
		For >10 To 25, Add	*24.67*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0004	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	231.43	54.80
		For Up To 10, Add	*44.24*	
		For >10 To 25, Add	*33.35*	
		For 15 Year Warranty, Add	*3.00*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*
Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	157.50	36.54
		For Up To 10, Add	*29.66*	
		For >10 To 25, Add	*22.40*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	175.25	38.82
		For Up To 10, Add	*31.90*	
		For >10 To 25, Add	*24.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	248.34	41.10
		For Up To 10, Add	*36.92*	
		For >10 To 25, Add	*28.75*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	195.33	54.80
		For Up To 10, Add	*42.44*	
		For >10 To 25, Add	*31.55*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Low VOC Adhesive, Add	*20.17*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*60.87*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	213.07	57.09
		For Up To 10, Add	*44.68*	
		For >10 To 25, Add	*33.34*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Low VOC Adhesive, Add	*20.17*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*67.21*	
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	286.16	59.37
		For Up To 10, Add	*49.70*	
		For >10 To 25, Add	*37.90*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Low VOC Adhesive, Add	*20.17*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*74.13*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	258.56	73.07
		For Up To 10, Add	*56.49*	
		For >10 To 25, Add	*41.97*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For Low VOC Adhesive, Add	*50.41*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*60.87*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	276.32	75.36
		For Up To 10, Add	*58.74*	
		For >10 To 25, Add	*43.76*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For Low VOC Adhesive, Add	*50.41*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*67.21*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	349.40	77.63
		For Up To 10, Add	*63.75*	
		For >10 To 25, Add	*48.32*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Low VOC Adhesive, Add	*50.41*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
		For Integral Polyester Fleece-Backing, Add	*74.13*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	185.84	54.80
		For Up To 10, Add	*41.96*	
		For >10 To 25, Add	*31.07*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	203.58	57.09
		For Up To 10, Add	*44.21*	
		For >10 To 25, Add	*32.87*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.15*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	276.67	59.37
		For Up To 10, Add	*49.22*	
		For >10 To 25, Add	*37.43*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.32*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*41.28*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	43.57	
		For Up To 10, Add	*7.62*	
		For >10 To 25, Add	*5.81*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	44.84	
		For Up To 10, Add	*7.69*	
		For >10 To 25, Add	*5.87*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	29.64	8.68
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	39.63	8.68
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.45	8.68
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	89.32	9.59
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	21.98	5.29
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	4.42	1.37
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	5.78	2.05

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	297.72	41.10
		For Up To 10, Add	*39.39*	
		For >10 To 25, Add	*31.22*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	342.58	59.37
		For Up To 10, Add	*52.52*	
		For >10 To 25, Add	*40.72*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	416.39	77.63
		For Up To 10, Add	*67.10*	
		For >10 To 25, Add	*51.67*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	191.03	36.54
		For Up To 10, Add	*31.33*	
		For >10 To 25, Add	*24.07*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	216.48	38.82
		For Up To 10, Add	*33.96*	
		For >10 To 25, Add	*26.25*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	245.47	39.96
		Note: Includes ballast.		
		For Up To 10, Add	*36.09*	
		For >10 To 25, Add	*28.15*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	259.35	41.10
		Note: Includes ballast.		
		For Up To 10, Add	*37.47*	
		For >10 To 25, Add	*29.30*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	275.22	73.07
		Note: Includes adhesive.		
		For Up To 10, Add	*57.32*	
		For >10 To 25, Add	*42.80*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*32.99*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	300.69	75.36
		Note: Includes adhesive.		
		For Up To 10, Add	*59.95*	
		For >10 To 25, Add	*44.98*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*32.99*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	329.67	76.49
		Note: Includes adhesive.		
		For Up To 10, Add	*62.08*	
		For >10 To 25, Add	*46.88*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*32.99*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	343.56	77.63
		Note: Includes adhesive.		
		For Up To 10, Add	*63.46*	
		For >10 To 25, Add	*48.03*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*32.99*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	215.26	54.80
		Note: Includes fasteners.		
		For Up To 10, Add	*43.43*	
		For >10 To 25, Add	*32.54*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	240.71	57.09
		Note: Includes fasteners.		
		For Up To 10, Add	*46.06*	
		For >10 To 25, Add	*34.72*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	269.69	58.23
		Note: Includes fasteners.		
		For Up To 10, Add	*48.19*	
		For >10 To 25, Add	*36.62*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	283.59	59.37
		Note: Includes fasteners.		
		For Up To 10, Add	*49.57*	
		For >10 To 25, Add	*37.77*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*39.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0014		**Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories** *(07 54 19)*		
07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	43.57	
		For Up To 10, Add	*7.62*	
		For >10 To 25, Add	*5.81*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	44.84	
		For Up To 10, Add	*7.69*	
		For >10 To 25, Add	*5.87*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	44.17	7.76
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	60.33	8.68
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	76.05	9.59
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	94.80	9.59
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	19.41	5.29
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	5.07	1.37
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	6.43	2.05
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	6.52	1.37
07 54 23		**Thermoplastic-Polyolefin Roofing** *(07 54)*		
07 54 23 00-0001		Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)* Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	251.46	73.07
		For Up To 10, Add	*56.13*	
		For >10 To 25, Add	*41.61*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*50.41*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	266.43	75.36
		For Up To 10, Add	*58.24*	
		For >10 To 25, Add	*43.27*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low VOC Adhesive, Add	*50.41*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	324.44	77.63
		For Up To 10, Add	*62.50*	
		For >10 To 25, Add	*47.08*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low VOC Adhesive, Add	*50.41*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	174.64	54.80
		For Up To 10, Add	*41.40*	
		For >10 To 25, Add	*30.51*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0006	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	189.60	57.09
		For Up To 10, Add	*43.51*	
		For >10 To 25, Add	*32.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0007	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	247.61	59.37
		For Up To 10, Add	*47.77*	
		For >10 To 25, Add	*35.97*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0008		Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*		
07 54 23 00-0009	SQ	Acrylic, TPO Roofing Primer, Price Per Coat	50.53	
		For Up To 10, Add	*7.97*	
		For >10 To 25, Add	*6.16*	
07 54 23 00-0010	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	44.84	
		For Up To 10, Add	*7.69*	
		For >10 To 25, Add	*5.87*	
		For Tan Or Gray Color, Add	*1.33*	
07 54 23 00-0011	EA	Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	38.85	7.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0012	EA	>3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	42.15	8.68
07 54 23 00-0013	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	72.66	9.59
07 54 23 00-0014	LF	30" Wide, TPO Walkway Protection Pad	19.22	5.29
07 54 23 00-0015	SF	TPO Membrane Base Flashing	5.25	1.37
07 54 23 00-0016	SF	TPO Curb Flashing	5.17	1.37
		For Tan Or Gray Color, Add	*0.05*	
07 54 23 00-0017	SF	TPO Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	7.25	1.37

07 55 Protected Membrane Roofing *(07 50)*

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	898.93	121.28
		For Each Additional Coat, Add	*134.84*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	818.08	127.82
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	915.08	142.74

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	266.63	73.24
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	337.61	73.24
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	390.99	73.24

07 56 00 00-0010 Rubberized Acrylic Roof Coating, Sprayed On *(07 56)*

Note: As manufactured by Tru-Co, Inc.

07 56 00 00-0011 Rubberized Acrylic Roof Coating, Sprayed On Assemblies *(07 56 00 00-0010)*

07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam	650.03	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks	667.77	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing	277.82	
07 56 00 00-0015	SQ	Installation Over Existing Tar (Asphalt) And Gravel Roof	830.88	
07 56 00 00-0016	SQ	Installation Over New Construction, Waterproofing	483.78	
07 56 00 00-0017	SQ	Installation Over Mobile Home	315.51	
07 56 00 00-0018	SQ	Installation Over Corrugated Metal Roofs	374.04	
07 56 00 00-0019	SQ	Installation Over Granulate Mineral Surface, BUR Cap Sheet (Semi-Smooth) Surface	708.57	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges)	2.42	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges)	3.39	

07 56 00 00-0022 Polyurethane Roof Coating, Sprayed On Assemblies *(07 56)*

Note: Includes powerwash, primer, base coat, polyester reinforcement, top coat and finish coat.

07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating	10.16	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating	9.76	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating	9.38	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating	8.90	

07 56 00 00-0027 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	884.92	73.24

07 56 00 00-0029 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	44.71	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.03	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	205.72	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System (0.25 GAL/SQ)	45.71	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	242.92	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (0.5 GAL/SQ)	69.13	
07 56 00 00-0036	SQ	White-Knight® WC Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	255.72	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	248.52	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	271.12	44.53
		For < 7500, Add	*27.11*	
07 57 13 00-0005	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	373.83	50.89
		For < 7500, Add	*37.38*	
07 57 13 00-0006	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	486.43	57.25
		For < 7500, Add	*48.64*	
07 57 13 00-0007	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	579.23	63.62
		For < 7500, Add	*57.92*	
07 57 13 00-0008	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	681.93	69.98
		For < 7500, Add	*68.19*	
07 57 13 00-0009	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	784.62	76.34
		For < 7500, Add	*78.46*	

07 57 13 00-0010 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0011	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	278.83	44.53
		For < 7500, Add	*27.88*	
07 57 13 00-0012	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	381.53	50.89
		For < 7500, Add	*38.15*	
07 57 13 00-0013	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	484.23	57.25
		For < 7500, Add	*48.42*	
07 57 13 00-0014	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	586.93	63.62
		For < 7500, Add	*58.69*	
07 57 13 00-0015	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	689.63	69.98
		For < 7500, Add	*68.96*	
07 57 13 00-0016	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	792.32	76.34
		For < 7500, Add	*79.23*	

07 57 13 00-0017 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0018	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	297.53	44.53
		For < 7500, Add	*29.75*	
07 57 13 00-0019	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	396.93	50.89
		For < 7500, Add	*39.69*	
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	499.63	57.25
		For < 7500, Add	*49.96*	
07 57 13 00-0021	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	643.48	63.62
		For < 7500, Add	*64.35*	
07 57 13 00-0022	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	754.54	69.98
		For < 7500, Add	*75.45*	
07 57 13 00-0023	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	865.60	76.34
		For < 7500, Add	*86.56*	

07 57 13 00-0024 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0025 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0026	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	303.03	44.53
		For < 7500, Add	*30.30*	
07 57 13 00-0027	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	414.10	50.89
		For < 7500, Add	*41.41*	
07 57 13 00-0028	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	525.15	57.25
		For < 7500, Add	*52.52*	
07 57 13 00-0029	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	636.22	63.62
		For < 7500, Add	*63.62*	
07 57 13 00-0030	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	747.28	69.98
		For < 7500, Add	*74.73*	
07 57 13 00-0031	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	858.33	76.34
		For < 7500, Add	*85.83*	

07 57 13 00-0032 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0033	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	313.92	44.53
		For < 7500, Add	*31.39*	
07 57 13 00-0034	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	424.99	50.89
		For < 7500, Add	*42.50*	
07 57 13 00-0035	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	536.05	57.25
		For < 7500, Add	*53.61*	
07 57 13 00-0036	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	647.11	63.62
		For < 7500, Add	*64.71*	
07 57 13 00-0037	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	758.17	69.98
		For < 7500, Add	*75.82*	
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	869.23	76.34
		For < 7500, Add	*86.92*	

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0024)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0040	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	322.39	44.53
		For < 7500, Add	*32.24*	
07 57 13 00-0041	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	433.46	50.89
		For < 7500, Add	*43.35*	
07 57 13 00-0042	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	544.52	57.25
		For < 7500, Add	*54.45*	
07 57 13 00-0043	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	655.58	63.62
		For < 7500, Add	*65.56*	
07 57 13 00-0044	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	766.64	69.98
		For < 7500, Add	*76.66*	
07 57 13 00-0045	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	877.70	76.34
		For < 7500, Add	*87.77*	

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	142.38	28.63

07 59 Membrane Roofing Accessories *(07 50)*

07 59 00 00-0001 Membrane Roofing Accessories *(07 59)*

07 59 00 00-0002	LF	Roofing Membrane Termination Bar Note: Includes fasteners and caulking.	3.57	1.31

07 60 Flashing And Sheet Metal *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 62 Sheet Metal Flashing And Trim *(07 60)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0001		Lead Flashing And Trim *(07 62)*		
07 62 00 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	17.69	4.32
07 62 00 00-0003	SF	4 LB/SF Sheet Lead Flashing	22.62	4.32
07 62 00 00-0004		Copper Flashing And Trim *(07 62)*		
07 62 00 00-0005		Copper Flashing And Trim *(07 62 00 00-0004)*		
07 62 00 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	16.32	4.22
		For >500 To 2,000, Deduct	*-2.29*	
		For >2,000, Deduct	*-2.69*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.67*	
		For Wrap Around Window Panning, Add	*8.36*	
07 62 00 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	16.90	4.32
		For >500 To 2,000, Deduct	*-2.37*	
		For >2,000, Deduct	*-2.78*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.75*	
		For Wrap Around Window Panning, Add	*8.74*	
07 62 00 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	18.94	4.62
		For >500 To 2,000, Deduct	*-2.65*	
		For >2,000, Deduct	*-3.13*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.83*	
		For Wrap Around Window Panning, Add	*9.15*	
07 62 00 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	22.66	4.81
		For >500 To 2,000, Deduct	*-3.14*	
		For >2,000, Deduct	*-3.79*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.92*	
		For Wrap Around Window Panning, Add	*9.61*	
07 62 00 00-0010		Stainless Steel Flashing And Trim *(07 62)*		
07 62 00 00-0011		Stainless Steel Flashing And Trim *(07 62 00 00-0010)*		
07 62 00 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	8.40	2.30
		For Wrap Around Window Panning, Add	*5.93*	
		For Mechanically Keyed Flashing, Add	*0.99*	
07 62 00 00-0013	SF	28 Gauge, 0.015" Thick, Stainless Steel Flashing And Trim	9.63	2.70
		For Wrap Around Window Panning, Add	*5.93*	
		For Mechanically Keyed Flashing, Add	*1.48*	
07 62 00 00-0014	SF	26 Gauge, 0.018" Thick, Stainless Steel Flashing And Trim	10.95	3.17
		For Wrap Around Window Panning, Add	*6.33*	
		For Mechanically Keyed Flashing, Add	*1.85*	
07 62 00 00-0015	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	12.84	3.36
		For Wrap Around Window Panning, Add	*6.68*	
		For Mechanically Keyed Flashing, Add	*2.46*	
07 62 00 00-0016		Stainless Steel Drip Edge *(07 62 00 00-0010)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 00 00-0017		26 Gauge, Stainless Steel Drip Edge *(07 62 00 00-0016)*		
07 62 00 00-0018	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	4.83	0.95
07 62 00 00-0019	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	5.80	0.95
07 62 00 00-0020	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	6.53	0.95
07 62 00 00-0021	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	7.74	0.95
07 62 00 00-0022	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	9.69	0.95
07 62 00 00-0023		24 Gauge, Stainless Steel Drip Edge *(07 62 00 00-0016)*		
07 62 00 00-0024	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	5.74	0.95
07 62 00 00-0025	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	7.02	0.95
07 62 00 00-0026	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	7.99	0.95
07 62 00 00-0027	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	9.58	0.95
07 62 00 00-0028	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	12.13	0.95
07 62 00 00-0029		22 Gauge, Stainless Steel Drip Edge *(07 62 00 00-0016)*		
07 62 00 00-0030	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	6.82	0.95
07 62 00 00-0031	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	8.46	0.95
07 62 00 00-0032	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	9.69	0.95
07 62 00 00-0033	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	11.74	0.95
07 62 00 00-0034	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	15.01	0.95
07 62 00 00-0035		Aluminum Flashing And Trim *(07 62)*		
07 62 00 00-0036		Aluminum Flashing And Trim *(07 62 00 00-0035)*		
07 62 00 00-0037	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	8.74	2.98
		For Baked Aluminum Colors, Add	*0.21*	
		For Wrap Around Window Panning, Add	*6.63*	
07 62 00 00-0038	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	9.20	2.98
		For Baked Aluminum Colors, Add	*0.26*	
		For Wrap Around Window Panning, Add	*6.63*	
07 62 00 00-0039	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	9.56	2.98
		For Baked Aluminum Colors, Add	*0.29*	
		For Wrap Around Window Panning, Add	*6.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0040	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	10.09	2.98
		For Baked Aluminum Colors, Add	*0.35*	
		For Wrap Around Window Panning, Add	*6.63*	
07 62 00 00-0041	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	10.83	2.98
		For Baked Aluminum Colors, Add	*0.42*	
		For Wrap Around Window Panning, Add	*6.63*	
07 62 00 00-0042	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	11.28	2.98
		For Baked Aluminum Colors, Add	*0.47*	
		For Wrap Around Window Panning, Add	*6.63*	
07 62 00 00-0043	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	11.65	2.98
		For Baked Aluminum Colors, Add	*0.50*	
		For Wrap Around Window Panning, Add	*6.63*	

07 62 00 00-0044 Aluminum Drip Edge *(07 62 00 00-0035)*

Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

07 62 00 00-0045 KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0044)*

07 62 00 00-0046 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0047	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.65	0.95
07 62 00 00-0048	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.28	0.95
07 62 00 00-0049	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.65	0.95
07 62 00 00-0050	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.39	0.95
07 62 00 00-0051	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.71	0.95

07 62 00 00-0052 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0053	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.86	0.95
07 62 00 00-0054	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.51	0.95
07 62 00 00-0055	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.00	0.95
07 62 00 00-0056	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.81	0.95
07 62 00 00-0057	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.11	0.95

07 62 00 00-0058 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0059	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.07	0.95
07 62 00 00-0060	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.79	0.95
07 62 00 00-0061	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.33	0.95
07 62 00 00-0062	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.23	0.95
07 62 00 00-0063	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.66	0.95

07 62 00 00-0064 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0065	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.49	0.95
07 62 00 00-0066	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.34	0.95
07 62 00 00-0067	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.99	0.95
07 62 00 00-0068	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.06	0.95
07 62 00 00-0069	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.78	0.95

07 62 00 00-0070 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0071	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.62	0.95
07 62 00 00-0072	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.55	0.95
07 62 00 00-0073	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.21	0.95
07 62 00 00-0074	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.34	0.95
07 62 00 00-0075	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.15	0.95

07 62 00 00-0076 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0077	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.11	0.95
07 62 00 00-0078	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.18	0.95
07 62 00 00-0079	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.98	0.95
07 62 00 00-0080	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.31	0.95
07 62 00 00-0081	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.45	0.95

07 62 00 00-0082 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0083	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.81	0.95
07 62 00 00-0084	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.11	0.95
07 62 00 00-0085	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.08	0.95
07 62 00 00-0086	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.71	0.95
07 62 00 00-0087	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.30	0.95

07 62 00 00-0088 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 00 00-0045)*

07 62 00 00-0089	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.64	0.95
07 62 00 00-0090	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.22	0.95
07 62 00 00-0091	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.40	0.95
07 62 00 00-0092	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.38	0.95
07 62 00 00-0093	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.53	0.95

07 62 00 00-0094 Mill Finish, Aluminum Drip Edge *(07 62 00 00-0044)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0095		**0.016" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0096	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.11	0.95
07 62 00 00-0097	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.54	0.95
07 62 00 00-0098	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.80	0.95
07 62 00 00-0099	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.31	0.95
07 62 00 00-0100	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	5.22	0.95
07 62 00 00-0101		**0.019" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0102	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.25	0.95
07 62 00 00-0103	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.70	0.95
07 62 00 00-0104	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.04	0.95
07 62 00 00-0105	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.60	0.95
07 62 00 00-0106	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	5.49	0.95
07 62 00 00-0107		**0.025" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0108	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	3.40	0.95
07 62 00 00-0109	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	3.89	0.95
07 62 00 00-0110	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.27	0.95
07 62 00 00-0111	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.89	0.95
07 62 00 00-0112	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	5.88	0.95
07 62 00 00-0113		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0114	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	3.69	0.95
07 62 00 00-0115	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	4.28	0.95
07 62 00 00-0116	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	4.73	0.95
07 62 00 00-0117	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	5.46	0.95
07 62 00 00-0118	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	6.65	0.95
07 62 00 00-0119		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0120	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	3.78	0.95
07 62 00 00-0121	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.42	0.95
07 62 00 00-0122	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.88	0.95
07 62 00 00-0123	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	5.65	0.95
07 62 00 00-0124	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	6.90	0.95
07 62 00 00-0125		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0126	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	4.12	0.95
07 62 00 00-0127	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	4.85	0.95
07 62 00 00-0128	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	5.41	0.95
07 62 00 00-0129	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	6.33	0.95
07 62 00 00-0130	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	7.80	0.95
07 62 00 00-0131		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0132	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	4.60	0.95
07 62 00 00-0133	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	5.49	0.95
07 62 00 00-0134	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	6.17	0.95
07 62 00 00-0135	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	7.29	0.95
07 62 00 00-0136	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	9.08	0.95
07 62 00 00-0137		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 00 00-0094)*		
07 62 00 00-0138	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	5.17	0.95
07 62 00 00-0139	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	6.26	0.95
07 62 00 00-0140	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	7.08	0.95
07 62 00 00-0141	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	8.44	0.95
07 62 00 00-0142	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	10.61	0.95
07 62 00 00-0143		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 00 00-0044)*		
07 62 00 00-0144		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 00 00-0143)*		
07 62 00 00-0145	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	3.75	0.95
07 62 00 00-0146	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.42	0.95
07 62 00 00-0147	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.81	0.95
07 62 00 00-0148	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.60	0.95
07 62 00 00-0149	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.00	0.95
07 62 00 00-0150		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 00 00-0143)*		
07 62 00 00-0151	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	3.98	0.95
07 62 00 00-0152	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.66	0.95
07 62 00 00-0153	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.18	0.95
07 62 00 00-0154	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.04	0.95
07 62 00 00-0155	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.42	0.95
07 62 00 00-0156		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 00 00-0143)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0157	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.20	0.95
07 62 00 00-0158	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.96	0.95
07 62 00 00-0159	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.54	0.95
07 62 00 00-0160	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.48	0.95
07 62 00 00-0161	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.01	0.95
07 62 00 00-0162		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 00 00-0143)*		
07 62 00 00-0163	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.64	0.95
07 62 00 00-0164	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.55	0.95
07 62 00 00-0165	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.24	0.95
07 62 00 00-0166	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.37	0.95
07 62 00 00-0167	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.19	0.95
07 62 00 00-0168		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 00 00-0143)*		
07 62 00 00-0169	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.79	0.95
07 62 00 00-0170	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.77	0.95
07 62 00 00-0171	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.47	0.95
07 62 00 00-0172	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.66	0.95
07 62 00 00-0173	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.58	0.95
07 62 00 00-0174		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 00 00-0143)*		
07 62 00 00-0175	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.30	0.95
07 62 00 00-0176	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.43	0.95
07 62 00 00-0177	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.28	0.95
07 62 00 00-0178	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.70	0.95
07 62 00 00-0179	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.96	0.95
07 62 00 00-0180		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 00 00-0143)*		
07 62 00 00-0181	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.04	0.95
07 62 00 00-0182	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.42	0.95
07 62 00 00-0183	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.45	0.95
07 62 00 00-0184	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.17	0.95
07 62 00 00-0185	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.93	0.95
07 62 00 00-0186		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 00 00-0143)*		
07 62 00 00-0187	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.93	0.95
07 62 00 00-0188	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.60	0.95
07 62 00 00-0189	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.85	0.95
07 62 00 00-0190	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.94	0.95
07 62 00 00-0191	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	15.29	0.95
07 62 00 00-0192		Steel Flashing And Trim *(07 62)*		
07 62 00 00-0193		Galvanized Steel Flashing And Trim *(07 62 00 00-0192)*		
07 62 00 00-0194	SF	26 Gauge, Galvanized Steel Flashing	10.57	3.08
		For Wrap Around Window Panning, Add	*6.68*	
07 62 00 00-0195	SF	24 Gauge, Galvanized Steel Flashing	10.88	3.08
		For Wrap Around Window Panning, Add	*6.68*	
07 62 00 00-0196		Galvanized Steel Drip Edge *(07 62 00 00-0192)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 00 00-0197		Galvanized Steel Drip Edge *(07 62 00 00-0196)*		
07 62 00 00-0198		26 Gauge, Galvanized Steel Drip Edge *(07 62 00 00-0197)*		
07 62 00 00-0199	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	3.46	0.95
07 62 00 00-0200	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	3.99	0.95
07 62 00 00-0201	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	4.37	0.95
07 62 00 00-0202	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	5.01	0.95
07 62 00 00-0203	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	6.04	0.95
07 62 00 00-0204		24 Gauge, Galvanized Steel Drip Edge *(07 62 00 00-0197)*		
07 62 00 00-0205	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	3.69	0.95
07 62 00 00-0206	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	4.30	0.95
07 62 00 00-0207	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	4.74	0.95
07 62 00 00-0208	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	5.48	0.95
07 62 00 00-0209	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	6.66	0.95
07 62 00 00-0210		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 00 00-0196)*		
07 62 00 00-0211		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 00 00-0210)*		
07 62 00 00-0212	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	4.16	0.95
07 62 00 00-0213	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	4.93	0.95
07 62 00 00-0214	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	5.47	0.95
07 62 00 00-0215	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	6.41	0.95
07 62 00 00-0216	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	7.90	0.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0217		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 00 00-0210)*		
07 62 00 00-0218	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	4.50	0.95
07 62 00 00-0219	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	5.38	0.95
07 62 00 00-0220	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	6.01	0.95
07 62 00 00-0221	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	7.08	0.95
07 62 00 00-0222	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	8.80	0.95

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001 Pitch Pockets *(07 63)*
Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	50.41
		For Pourable Sealer Filled, Add	*22.93*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.47*
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	56.48
		For Pourable Sealer Filled, Add	*51.61*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.82*
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	64.30
		For Pourable Sealer Filled, Add	*91.73*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.77*
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	69.25
		For Pourable Sealer Filled, Add	*114.66*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*57.38*
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	73.48
		For Pourable Sealer Filled, Add	*137.60*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*68.80*
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	80.40
		For Pourable Sealer Filled, Add	*206.40*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*102.97*

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	72.60
		For Pourable Sealer Filled, Add	*22.93*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.47*
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	82.49
		For Pourable Sealer Filled, Add	*51.61*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.82*
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	94.87
		For Pourable Sealer Filled, Add	*91.73*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.77*
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	103.02
		For Pourable Sealer Filled, Add	*114.66*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*57.38*
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	108.32
		For Pourable Sealer Filled, Add	*137.60*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*68.80*
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	117.45
		For Pourable Sealer Filled, Add	*206.40*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*102.97*

07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	61.81
		For Pourable Sealer Filled, Add	*22.93*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.47*
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	69.35
		For Pourable Sealer Filled, Add	*51.61*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.82*
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	75.91
		For Pourable Sealer Filled, Add	*91.73*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.77*
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	80.62
		For Pourable Sealer Filled, Add	*114.66*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*57.38*
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	84.57
		For Pourable Sealer Filled, Add	*137.60*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*68.80*
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	90.74
		For Pourable Sealer Filled, Add	*206.40*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*102.97*

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*
Note: Includes removing existing filler and refilling with non-shrink grout.

07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	58.33
		For Pourable Sealer Filled, Add	*22.93*
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.47*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0025		EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	61.59	
			For Pourable Sealer Filled, Add	*51.61*	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.82*	
07 63 00 00-0026		EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	65.40	
			For Pourable Sealer Filled, Add	*91.73*	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*45.77*	
07 63 00 00-0027		EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	68.38	
			For Pourable Sealer Filled, Add	*114.66*	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*57.38*	
07 63 00 00-0028		EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	71.37	
			For Pourable Sealer Filled, Add	*137.60*	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*68.80*	
07 63 00 00-0029		SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	76.51	
			For Pourable Sealer Filled, Add	*206.40*	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*102.97*	

07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	75.24	24.06
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	75.24	24.06
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	90.43	24.06
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	99.11	24.06
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	103.46	24.06
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	105.63	24.06
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	127.33	24.06
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	137.10	24.06

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*

07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	54.27	15.55
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	54.82	15.55
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	56.74	15.55
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	66.40	15.55

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	8.07	1.82

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Neoprene Flashing *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	7.22	2.58
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	9.04	2.77
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	11.13	3.05
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	13.40	3.43

07 65 33 Plastic Flashing *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

07 65 33 00-0002	EA	Neoprene Roof Boot For 2" Diameter Pipe	30.76	7.92
07 65 33 00-0003	EA	Neoprene Roof Boot For 3" Diameter Pipe	35.54	8.87
07 65 33 00-0004	EA	Neoprene Roof Boot For 4" Diameter Pipe	38.99	9.54

07 70 Roof And Wall Specialties And Accessories *(07)*

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	18.89	2.06
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	19.98	2.24
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	22.64	2.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	26.20	2.58
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	31.39	2.69
07 71 13 00-0008		Aluminum Copings *(07 71 13)*		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	15.28	2.06
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	16.34	2.24
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	18.88	2.35
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.38	2.58
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.47	2.69
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	16.47	2.06
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.61	2.24
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	20.37	2.35
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	24.19	2.58
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.77	2.69
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.44	2.06
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	18.73	2.24
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.23	2.35
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.53	2.58
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	35.17	2.69
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	20.62	2.06
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	22.02	2.24
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	25.61	2.35
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	30.52	2.58
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.82	2.69
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	22.34	2.06
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	23.85	2.24
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	27.78	2.35
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	33.15	2.58
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.15	2.69
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	23.75	2.06
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	25.49	2.24
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	30.48	2.35
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.98	2.58
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	48.97	2.69

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	21.65	2.06
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	23.12	2.24
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	26.91	2.35
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	32.10	2.58
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	39.82	2.69
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	23.47	2.06
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.06	2.24
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	29.21	2.35
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	34.88	2.58
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.35	2.69
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	24.97	2.06
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	26.80	2.24
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	32.07	2.35
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	40.00	2.58
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	51.64	2.69
07 71 13 00-0066		Remove And Reinstall Metal Coping *(07 71 13)*		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	6.68	

07 71 19 Manufactured Gravel Stops And Fasciae *(07 71)*

07 71 19 00-0001		Gravel Stop *(07 71 19)*		
07 71 19 00-0002		Aluminum Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0003		Aluminum Gravel Stop *(07 71 19 00-0002)*		
07 71 19 00-0004		KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0005		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.27	1.72
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.45	1.78
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.67	1.84
07 71 19 00-0009		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.85	1.72
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.05	1.78
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.30	1.84
07 71 19 00-0013		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.60	1.72
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.77	1.78
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.10	1.84
07 71 19 00-0017		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.11	1.72
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.30	1.78
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.66	1.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0021		Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0022		0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	8.07	1.72
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	8.41	1.78
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	8.78	1.84
07 71 19 00-0026		0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	8.55	1.72
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	8.83	1.78
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	9.10	1.84
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	9.03	1.72
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	9.31	1.78
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	9.62	1.84
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	9.55	1.72
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	9.79	1.78
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	10.01	1.84
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	13.04	1.72
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	13.30	1.78
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	13.54	1.84
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	13.74	1.72
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.03	1.78
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.30	1.84
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.64	1.72
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.89	1.78
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.10	1.84
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.25	1.72
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.53	1.78
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.76	1.84
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	14.61	2.86
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	15.18	2.96
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	15.88	3.05
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	15.19	2.86
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	15.78	2.96
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.51	3.05
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	15.94	2.86
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.50	2.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.31	3.05
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.45	2.86
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.03	2.96
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.87	3.05
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	11.85	2.86
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.31	2.96
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.87	3.05
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.25	2.86
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.72	2.96
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.31	3.05
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.77	2.86
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.22	2.96
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.83	3.05
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.12	2.86
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.58	2.96
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.22	3.05
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	16.38	2.86
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	17.03	2.96
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	17.75	3.05
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	17.08	2.86
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	17.76	2.96
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.51	3.05
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	17.98	2.86
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.62	2.96
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.31	3.05
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.59	2.86
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.26	2.96
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.97	3.05

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	9.39	1.72
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	11.52	1.78
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	15.94	1.84
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	11.12	1.72
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	13.83	1.78
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	19.39	1.84
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	12.95	1.72
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	16.28	1.78
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	23.06	1.84
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	12.86	2.86
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	15.42	2.96
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	20.37	3.05
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	14.59	2.86
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	17.73	2.96
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	23.82	3.05
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	16.42	2.86
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	20.18	2.96
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	27.49	3.05
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	10.29	1.72
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	10.45	1.78
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	10.70	1.84
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	13.63	2.86
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	14.18	2.96
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	14.91	3.05
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	37.58	1.72
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	42.52	1.78
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	48.77	1.84
07 71 19 00-0153		16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	45.68	1.72
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	52.42	1.78
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	59.57	1.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	41.05	2.86
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	46.42	2.96
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	53.20	3.05
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	49.15	2.86
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	56.32	2.96
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	64.00	3.05
07 71 19 00-0166		Fascia *(07 71 19)*		
07 71 19 00-0167		Snap-On Cover Fascia *(07 71 19 00-0166)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	13.46	2.39
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	14.84	2.48
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	15.78	2.58
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	74.48	3.34
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	79.22	3.34
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	82.20	3.34
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	61.56	3.34
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	63.96	3.34
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	65.41	3.34
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	14.42	2.39
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	16.13	2.48
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	17.07	2.58
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	15.05	2.39
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	16.94	2.48
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	17.98	2.58
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	83.39	3.34
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	90.20	3.34
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	93.18	3.34
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	66.59	3.34
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	69.99	3.34
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	71.47	3.34
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	16.35	2.39
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	18.36	2.48
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	19.45	2.58
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	17.10	2.39
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	19.33	2.48
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	20.54	2.58
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	102.56	3.34
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	111.08	3.34
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	114.80	3.34
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	81.57	3.34
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	85.81	3.34
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	87.67	3.34

07 71 23 Manufactured Gutters And Downspouts *(07 71)*

Note: Includes all necessary support straps.

07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)* Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	5.68	2.40
		For Kynar 500® Finish, Add	*0.76*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	6.15	2.40
		For Kynar 500® Finish, Add	*0.97*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	5.93	2.40
		For Kynar 500® Finish, Add	*0.87*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	6.46	2.40
		For Kynar 500® Finish, Add	*1.11*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	11.95	2.40
		For Kynar 500® Finish, Add	*3.58*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	12.69	2.40
		For Kynar 500® Finish, Add	*3.91*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	14.36	2.40
		For Kynar 500® Finish, Add	*4.66*	
07 71 23 00-0011		Half Round Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	10.54	2.40
		For Kynar 500® Finish, Add	*2.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	12.52	2.40
		For Kynar 500® Finish, Add	*3.83*	

07 71 23 00-0014 Box Style Aluminum Gutters *(07 71 23 00-0002)*

07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	10.07	2.40
		For Kynar 500® Finish, Add	*2.73*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	10.10	2.40
		For Kynar 500® Finish, Add	*2.75*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	11.60	2.40
		For Kynar 500® Finish, Add	*3.42*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	12.95	2.40
		For Kynar 500® Finish, Add	*4.03*	

07 71 23 00-0019 Aluminum Gutter End Caps *(07 71 23 00-0001)*

07 71 23 00-0020 K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	2.51	
		For Kynar 500® Finish, Add	*0.27*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	2.98	
		For Kynar 500® Finish, Add	*0.48*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	5.87	
		For Kynar 500® Finish, Add	*1.78*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	6.76	
		For Kynar 500® Finish, Add	*2.18*	

07 71 23 00-0025 Half Round, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	3.72	
		For Kynar 500® Finish, Add	*0.81*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	5.48	
		For Kynar 500® Finish, Add	*1.60*	

07 71 23 00-0028 Box Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*

07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	6.36	
		For Kynar 500® Finish, Add	*2.00*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	6.87	
		For Kynar 500® Finish, Add	*2.23*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	7.97	
		For Kynar 500® Finish, Add	*2.72*	

07 71 23 00-0032 Aluminum Gutter Miters *(07 71 23 00-0001)*

Note: Inside or outside miters.

07 71 23 00-0033 K-Style, Aluminum Gutter Miters *(07 71 23 00-0032)*

07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	7.99	
		For Kynar 500® Finish, Add	*2.08*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	11.37	
		For Kynar 500® Finish, Add	*3.60*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	41.90	
		For Kynar 500® Finish, Add	*17.34*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	45.33	
		For Kynar 500® Finish, Add	*18.89*	

07 71 23 00-0038 Half Round, Aluminum Gutter Miters *(07 71 23 00-0032)*

07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	16.48	
		For Kynar 500® Finish, Add	*5.90*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	27.52	
		For Kynar 500® Finish, Add	*10.87*	

07 71 23 00-0041 Box Style, Aluminum Gutter Miters *(07 71 23 00-0032)*

07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	33.57	
		For Kynar 500® Finish, Add	*13.59*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	51.54	
		For Kynar 500® Finish, Add	*21.68*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	55.82	
		For Kynar 500® Finish, Add	*23.61*	

07 71 23 00-0045 Aluminum Gutter Wire Strainers *(07 71 23 00-0001)*

07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	9.76	2.40
		For Kynar 500® Finish, Add	*2.14*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	13.75	2.40
		For Kynar 500® Finish, Add	*3.93*	

07 71 23 00-0048 Aluminum Downspouts *(07 71 23 00-0001)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0049 Round Aluminum Downspouts *(07 71 23 00-0048)*

07 71 23 00-0050	LF	3" Diameter, Round Aluminum Downspout	4.80	2.30
		For Kynar 500® Finish, Add	*1.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0051	LF	4" Diameter, Round Aluminum Downspout	5.34	2.30
		For Kynar 500® Finish, Add	*1.28*	

07 71 23 00-0052 Rectangular Aluminum Downspouts *(07 71 23 00-0048)*

07 71 23 00-0053	LF	2" x 3", Rectangular Aluminum Downspout	3.67	2.30
		For Kynar 500® Finish, Add	*0.53*	
07 71 23 00-0054	LF	3" x 4", Rectangular Aluminum Downspout	4.36	2.30
		For Kynar 500® Finish, Add	*0.84*	
07 71 23 00-0055	LF	4" x 5", Rectangular Aluminum Downspout	7.26	2.30
		For Kynar 500® Finish, Add	*2.15*	

07 71 23 00-0056 Aluminum Devices *(07 71 23 00-0001)*

07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	116.23	21.47
		For Kynar 500® Finish, Add	*20.10*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	148.11	23.86
		For Kynar 500® Finish, Add	*45.18*	

07 71 23 00-0059 Copper Gutters And Downspouts *(07 71 23)*

07 71 23 00-0060 Copper Gutters *(07 71 23 00-0059)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0061 K-Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	13.13	2.40
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	18.83	2.40
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	22.48	2.40
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	24.16	2.40
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	30.02	2.40
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	34.78	2.40
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	38.29	2.40

07 71 23 00-0069 Half Round Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	16.05	2.40
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	20.40	2.40
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	34.89	2.40
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	18.96	2.40
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	23.50	2.40
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	36.77	2.40
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	41.44	2.40

07 71 23 00-0077 Copper Gutter End Caps *(07 71 23 00-0059)*

07 71 23 00-0078 K-Style, Copper Gutter End Caps *(07 71 23 00-0077)*

07 71 23 00-0079	EA	4", K-Style Copper Gutter End Cap	5.07
07 71 23 00-0080	EA	5", K-Style Copper Gutter End Cap	5.41
07 71 23 00-0081	EA	6", K-Style Copper Gutter End Cap	5.76
07 71 23 00-0082	EA	7", K-Style Copper Gutter End Cap	15.07
07 71 23 00-0083	EA	8", K-Style Copper Gutter End Cap	18.34

07 71 23 00-0084 Half Round, Copper Gutter End Caps *(07 71 23 00-0077)*

07 71 23 00-0085	EA	4", Half Round Copper Gutter End Cap	6.10
07 71 23 00-0086	EA	5", Half Round Copper Gutter End Cap	6.84
07 71 23 00-0087	EA	6", Half Round Copper Gutter End Cap	10.24
07 71 23 00-0088	EA	7", Half Round Copper Gutter End Cap	30.53
07 71 23 00-0089	EA	8", Half Round Copper Gutter End Cap	36.03

07 71 23 00-0090 Copper Gutter Miters *(07 71 23 00-0059)*

Note: Inside or outside miters.

07 71 23 00-0091 K-Style, Copper Gutter Miters *(07 71 23 00-0090)*

07 71 23 00-0092	EA	4", K-Style Copper Gutter Miter	26.69
07 71 23 00-0093	EA	5", K-Style Copper Gutter Miter	30.27
07 71 23 00-0094	EA	6", K-Style Copper Gutter Miter	45.41
07 71 23 00-0095	EA	7", K-Style Copper Gutter Miter	66.20
07 71 23 00-0096	EA	8", K-Style Copper Gutter Miter	78.14

07 71 23 00-0097 Half Round, Copper Gutter Miters *(07 71 23 00-0090)*

07 71 23 00-0098	EA	4", Half Round Copper Gutter Miter	44.47
07 71 23 00-0099	EA	5", Half Round Copper Gutter Miter	40.13
07 71 23 00-0100	EA	6", Half Round Copper Gutter Miter	59.66
07 71 23 00-0101	EA	7", Half Round Copper Gutter Miter	71.73
07 71 23 00-0102	EA	8", Half Round Copper Gutter Miter	85.30

07 71 23 00-0103 Copper Gutter Wire Strainers *(07 71 23 00-0059)*

07 71 23 00-0104	EA	2" Diameter, Round Copper Wire Strainer	12.19	2.40
07 71 23 00-0105	EA	3" Diameter, Round Copper Wire Strainer	14.55	2.40
07 71 23 00-0106	EA	4" Diameter, Round Copper Wire Strainer	22.25	2.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0107	EA	5" Diameter, Round Copper Wire Strainer	28.96	2.40
07 71 23 00-0108	EA	6" Diameter, Round Copper Wire Strainer	34.58	2.40
07 71 23 00-0109		Copper Downspouts *(07 71 23 00-0059)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0110		Round Copper Downspouts *(07 71 23 00-0109)*		
07 71 23 00-0111	LF	2" Diameter, 16 Ounce, Round Copper Downspout	20.52	2.30
07 71 23 00-0112	LF	3" Diameter, 16 Ounce, Round Copper Downspout	14.37	2.30
07 71 23 00-0113	LF	4" Diameter, 16 Ounce, Round Copper Downspout	18.04	2.30
07 71 23 00-0114	LF	5" Diameter, 16 Ounce, Round Copper Downspout	28.69	2.30
07 71 23 00-0115	LF	6" Diameter, 16 Ounce, Round Copper Downspout	36.82	2.30
07 71 23 00-0116	LF	3" Diameter, 20 Ounce, Round Copper Downspout	19.35	2.30
07 71 23 00-0117	LF	4" Diameter, 20 Ounce, Round Copper Downspout	25.03	2.30
07 71 23 00-0118	LF	5" Diameter, 20 Ounce, Round Copper Downspout	37.92	2.30
07 71 23 00-0119		Square Copper Downspouts *(07 71 23 00-0109)*		
07 71 23 00-0120	LF	3" Diameter, 16 Ounce, Square Copper Downspout	10.02	2.30
07 71 23 00-0121	LF	4" Diameter, 16 Ounce, Square Copper Downspout	12.47	2.30
07 71 23 00-0122	LF	5" Diameter, 16 Ounce, Square Copper Downspout	17.74	2.30
07 71 23 00-0123	LF	3" Diameter, 20 Ounce, Square Copper Downspout	11.53	2.30
07 71 23 00-0124	LF	4" Diameter, 20 Ounce, Square Copper Downspout	14.58	2.30
07 71 23 00-0125	LF	5" Diameter, 20 Ounce, Square Copper Downspout	20.84	2.30
07 71 23 00-0126		Rectangular Copper Downspouts *(07 71 23 00-0109)*		
07 71 23 00-0127	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	14.74	2.30
07 71 23 00-0128	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	18.58	2.30
07 71 23 00-0129	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	26.33	2.30
07 71 23 00-0130	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	17.13	2.30
07 71 23 00-0131	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	21.89	2.30
07 71 23 00-0132	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	31.32	2.30
07 71 23 00-0133		Copper Devices And Accessories *(07 71 23 00-0059)*		
07 71 23 00-0134	EA	Thru-Wall Copper Scupper Outlet	174.18	21.47
07 71 23 00-0135	EA	Copper Leader/Conductor Head	243.06	23.86
07 71 23 00-0136	EA	Copper Eave Box	108.63	14.41
07 71 23 00-0137		Galvanized Steel Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0138		Galvanized Steel Gutters *(07 71 23 00-0137)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0139		K-Style Galvanized Steel Gutters *(07 71 23 00-0138)*		
07 71 23 00-0140	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	6.70	2.40
		For Kynar 500® Finish, Add	*1.22*	
07 71 23 00-0141	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	7.52	2.40
		For Kynar 500® Finish, Add	*1.58*	
07 71 23 00-0142	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	14.83	2.40
		For Kynar 500® Finish, Add	*4.87*	
07 71 23 00-0143	LF	8", 24 Gauge, K-Style Galvanized Steel Gutter	15.24	2.40
		For Kynar 500® Finish, Add	*5.06*	
07 71 23 00-0144		Half Round Galvanized Steel Gutters *(07 71 23 00-0138)*		
07 71 23 00-0145	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	9.48	2.40
		For Kynar 500® Finish, Add	*2.47*	
07 71 23 00-0146	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	11.62	2.40
		For Kynar 500® Finish, Add	*3.43*	
07 71 23 00-0147	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	28.28	2.40
		For Kynar 500® Finish, Add	*10.93*	
07 71 23 00-0148	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	29.78	2.40
		For Kynar 500® Finish, Add	*11.60*	
07 71 23 00-0149		Box Style Galvanized Steel Gutters *(07 71 23 00-0138)*		
07 71 23 00-0150	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	10.73	2.40
		For Kynar 500® Finish, Add	*3.03*	
		For 22 Gauge, Add	*1.01*	
07 71 23 00-0151	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	12.23	2.40
		For Kynar 500® Finish, Add	*3.70*	
		For 22 Gauge, Add	*1.23*	
07 71 23 00-0152	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	15.90	2.40
		For Kynar 500® Finish, Add	*5.36*	
		For 22 Gauge, Add	*1.79*	
07 71 23 00-0153	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	16.92	2.40
		For Kynar 500® Finish, Add	*5.81*	
		For 22 Gauge, Add	*1.94*	
07 71 23 00-0154		Galvanized Steel Gutter End Caps *(07 71 23 00-0137)*		
07 71 23 00-0155		K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0156	EA	5", K-Style Galvanized Steel Gutter End Cap	3.53	
		For Kynar 500® Finish, Add	*0.72*	
07 71 23 00-0157	EA	6", K-Style Galvanized Steel Gutter End Cap	3.96	
		For Kynar 500® Finish, Add	*0.92*	
07 71 23 00-0158	EA	7", K-Style Galvanized Steel Gutter End Cap	7.73	
		For Kynar 500® Finish, Add	*2.61*	
07 71 23 00-0159	EA	8", K-Style Galvanized Steel Gutter End Cap	10.89	
		For Kynar 500® Finish, Add	*4.04*	

07 71 23 00-0160 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*

07 71 23 00-0161	EA	5", Half Round Galvanized Steel Gutter End Cap	4.34	
		For Kynar 500® Finish, Add	*1.09*	
07 71 23 00-0162	EA	6", Half Round Galvanized Steel Gutter End Cap	4.88	
		For Kynar 500® Finish, Add	*1.33*	
07 71 23 00-0163	EA	7", Half Round Galvanized Steel Gutter End Cap	8.46	
		For Kynar 500® Finish, Add	*2.94*	
07 71 23 00-0164	EA	8", Half Round Galvanized Steel Gutter End Cap	11.17	
		For Kynar 500® Finish, Add	*4.16*	

07 71 23 00-0165 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*

07 71 23 00-0166	EA	5", Box Style Galvanized Steel Gutter End Cap	7.19	
		For Kynar 500® Finish, Add	*2.37*	
07 71 23 00-0167	EA	6", Box Style Galvanized Steel Gutter End Cap	8.51	
		For Kynar 500® Finish, Add	*2.97*	
07 71 23 00-0168	EA	7", Box Style Galvanized Steel Gutter End Cap	9.44	
		For Kynar 500® Finish, Add	*3.38*	
07 71 23 00-0169	EA	8", Box Style Galvanized Steel Gutter End Cap	12.40	
		For Kynar 500® Finish, Add	*4.72*	

07 71 23 00-0170 Galvanized Steel Gutter Miters *(07 71 23 00-0137)*

Note: Inside or outside miters.

07 71 23 00-0171 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

07 71 23 00-0172	EA	5", K-Style Galvanized Steel Gutter Miter	14.31	
		For Kynar 500® Finish, Add	*4.93*	
07 71 23 00-0173	EA	6", K-Style Galvanized Steel Gutter Miter	24.31	
		For Kynar 500® Finish, Add	*9.43*	
07 71 23 00-0174	EA	7", K-Style Galvanized Steel Gutter Miter	40.21	
		For Kynar 500® Finish, Add	*16.58*	
07 71 23 00-0175	EA	8", K-Style Galvanized Steel Gutter Miter	45.14	
		For Kynar 500® Finish, Add	*18.80*	

07 71 23 00-0176 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

07 71 23 00-0177	EA	5", Half Round Galvanized Steel Gutter Miter	20.50	
		For Kynar 500® Finish, Add	*7.71*	
07 71 23 00-0178	EA	6", Half Round Galvanized Steel Gutter Miter	22.94	
		For Kynar 500® Finish, Add	*8.81*	
07 71 23 00-0179	EA	7", Half Round Galvanized Steel Gutter Miter	69.95	
		For Kynar 500® Finish, Add	*29.97*	
07 71 23 00-0180	EA	8", Half Round Galvanized Steel Gutter Miter	73.65	
		For Kynar 500® Finish, Add	*31.63*	

07 71 23 00-0181 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

07 71 23 00-0182	EA	5", Box Style Galvanized Steel Gutter Miter	19.26	
		For Kynar 500® Finish, Add	*7.16*	
07 71 23 00-0183	EA	6", Box Style Galvanized Steel Gutter Miter	32.50	
		For Kynar 500® Finish, Add	*13.11*	
07 71 23 00-0184	EA	7", Box Style Galvanized Steel Gutter Miter	42.67	
		For Kynar 500® Finish, Add	*17.69*	
07 71 23 00-0185	EA	8", Box Style Galvanized Steel Gutter Miter	45.14	
		For Kynar 500® Finish, Add	*18.80*	

07 71 23 00-0186 Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0137)*

07 71 23 00-0187	EA	3" Diameter, Round Galvanized Steel Wire Strainer	8.79	2.40
		For Kynar 500® Finish, Add	*1.70*	
07 71 23 00-0188	EA	4" Diameter, Round Galvanized Steel Wire Strainer	12.01	2.40
		For Kynar 500® Finish, Add	*3.15*	

07 71 23 00-0189 Galvanized Steel Downspouts *(07 71 23 00-0137)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0190 Round Galvanized Steel Downspouts *(07 71 23 00-0189)*

07 71 23 00-0191	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	4.46	2.30
		For Kynar 500® Finish, Add	*0.89*	
07 71 23 00-0192	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	5.30	2.30
		For Kynar 500® Finish, Add	*1.26*	
07 71 23 00-0193	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	6.86	2.30
		For Kynar 500® Finish, Add	*1.97*	
07 71 23 00-0194	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	14.06	2.30
		For Kynar 500® Finish, Add	*5.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0195		Square Galvanized Steel Downspouts *(07 71 23 00-0189)*		
07 71 23 00-0196	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	4.93	2.30
		For Kynar 500® Finish, Add	*1.10*	
07 71 23 00-0197	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	6.04	2.30
		For Kynar 500® Finish, Add	*1.60*	
07 71 23 00-0198		Rectangular Galvanized Steel Downspouts *(07 71 23 00-0189)*		
07 71 23 00-0199	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	4.52	2.30
		For Kynar 500® Finish, Add	*0.91*	
07 71 23 00-0200	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	5.50	2.30
		For Kynar 500® Finish, Add	*1.35*	
07 71 23 00-0201	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	9.36	2.30
		For Kynar 500® Finish, Add	*3.09*	
07 71 23 00-0202		Galvanized Steel Devices *(07 71 23 00-0137)*		
07 71 23 00-0203	EA	Galvanized Steel Leader/Conductor Head	173.51	23.86
		For Kynar 500® Finish, Add	*56.61*	
07 71 23 00-0204	EA	Thru-Wall Galvanized Steel Scupper Outlet	119.68	21.47
		For Kynar 500® Finish, Add	*21.65*	
07 71 23 00-0205		Stainless Steel Gutters And Downspouts *(07 71 23)*		
		Note: AISI type 304 stainless steel.		
07 71 23 00-0206		Stainless Steel Gutters *(07 71 23 00-0205)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0207		K-Style Stainless Steel Gutters *(07 71 23 00-0206)*		
07 71 23 00-0208	LF	5", 0.018" Thick, K-Style Stainless Steel Gutter	16.09	2.40
07 71 23 00-0209	LF	6", 0.018" Thick, K-Style Stainless Steel Gutter	19.11	2.40
07 71 23 00-0210		Half Round Stainless Steel Gutters *(07 71 23 00-0206)*		
07 71 23 00-0211	LF	5", 0.018" Thick, Half Round Stainless Steel Gutter	22.30	2.40
07 71 23 00-0212	LF	6", 0.018" Thick, Half Round Stainless Steel Gutter	26.84	2.40
07 71 23 00-0213		Stainless Steel Gutter End Caps *(07 71 23 00-0205)*		
07 71 23 00-0214		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0213)*		
07 71 23 00-0215	EA	5", K-Style Stainless Steel Gutter End Cap	5.70	
07 71 23 00-0216	EA	6", K-Style Stainless Steel Gutter End Cap	6.46	
07 71 23 00-0217		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0213)*		
07 71 23 00-0218	EA	5", Half Round Stainless Steel Gutter End Cap	6.65	
07 71 23 00-0219	EA	6", Half Round Stainless Steel Gutter End Cap	7.59	
07 71 23 00-0220		Stainless Steel Gutter Miters *(07 71 23 00-0205)*		
		Note: Inside or outside box miters.		
07 71 23 00-0221		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0220)*		
07 71 23 00-0222	EA	5", K-Style Stainless Steel Gutter Miter	22.89	
07 71 23 00-0223	EA	6", K-Style Stainless Steel Gutter Miter	38.02	
07 71 23 00-0224		Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0220)*		
07 71 23 00-0225	EA	5", Half Round Stainless Steel Gutter Miter	60.70	
07 71 23 00-0226	EA	6", Half Round Stainless Steel Gutter Miter	74.54	
07 71 23 00-0227		Stainless Steel Gutter Wire Strainers *(07 71 23 00-0205)*		
07 71 23 00-0228	EA	3" Diameter, Round Stainless Steel Wire Strainer	25.34	2.40
07 71 23 00-0229	EA	4" Diameter, Round Stainless Steel Wire Strainer	25.90	2.40
07 71 23 00-0230		Stainless Steel Downspouts *(07 71 23 00-0205)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0231		Round Stainless Steel Downspouts *(07 71 23 00-0230)*		
07 71 23 00-0232	LF	3" Diameter, 0.018" Thick, Round Stainless Steel Downspout	15.48	2.30
07 71 23 00-0233	LF	4" Diameter, 0.018" Thick, Round Stainless Steel Downspout	27.28	2.30
07 71 23 00-0234	LF	5" Diameter, 0.018" Thick, Round Stainless Steel Downspout	41.72	2.30
07 71 23 00-0235		Rectangular Stainless Steel Downspouts *(07 71 23 00-0230)*		
07 71 23 00-0236	LF	2" x 3", 0.018" Thick, Rectangular Stainless Steel Downspout	10.52	2.30
07 71 23 00-0237	LF	3" x 4", 0.018" Thick, Rectangular Stainless Steel Downspout	13.78	2.30
07 71 23 00-0238	LF	4" x 5", 0.018" Thick, Rectangular Stainless Steel Downspout	32.97	2.30

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0239		**Stainless Steel Devices** *(07 71 23 00-0205)*		
07 71 23 00-0240	EA	Thru-Wall Stainless Steel Scupper Outlet	192.50	21.62
07 71 23 00-0241	EA	Stainless Steel Leader/Conductor Head	224.17	21.62
07 71 23 00-0242		**Vinyl Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0243		**Vinyl Gutters** *(07 71 23 00-0242)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0244		**K-Style Vinyl Gutters** *(07 71 23 00-0243)*		
07 71 23 00-0245	LF	4", K-Style Vinyl Gutter	7.42	2.40
07 71 23 00-0246	LF	5", K-Style Vinyl Gutter	9.17	2.40
07 71 23 00-0247		**Half Round Vinyl Gutters** *(07 71 23 00-0243)*		
07 71 23 00-0248	LF	4", Half Round Vinyl Gutter	7.62	2.40
07 71 23 00-0249	LF	5", Half Round Vinyl Gutter	7.94	2.40
07 71 23 00-0250		**Vinyl Gutter End Caps** *(07 71 23 00-0242)*		
07 71 23 00-0251		**K-Style, Vinyl Gutter End Caps** *(07 71 23 00-0250)*		
07 71 23 00-0252	EA	4", K-Style Vinyl Gutter End Cap	4.40	
07 71 23 00-0253	EA	5", K-Style Vinyl Gutter End Cap	5.86	
07 71 23 00-0254		**Half Round, Vinyl Gutter End Caps** *(07 71 23 00-0250)*		
07 71 23 00-0255	EA	4", Half Round Vinyl Gutter End Cap	4.94	
07 71 23 00-0256	EA	5", Half Round Vinyl Gutter End Cap	4.69	
07 71 23 00-0257		**Vinyl Gutter Miters** *(07 71 23 00-0242)*		
		Note: Inside or outside miters.		
07 71 23 00-0258		**K-Style, Vinyl Gutter Miters** *(07 71 23 00-0257)*		
07 71 23 00-0259	EA	4", K-Style Vinyl Gutter Miter	10.48	
07 71 23 00-0260	EA	5", K-Style Vinyl Gutter Miter	15.19	
07 71 23 00-0261		**Half Round, Vinyl Gutter Miters** *(07 71 23 00-0257)*		
07 71 23 00-0262	EA	4", Half Round Vinyl Gutter Miter	10.48	
07 71 23 00-0263	EA	5", Half Round Vinyl Gutter Miter	11.29	
07 71 23 00-0264		**Vinyl Downspouts** *(07 71 23 00-0242)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0265		**Round Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0266	LF	2-1/2" Diameter, Round Vinyl Downspout	4.82	2.30
07 71 23 00-0267	LF	3" Diameter, Round Vinyl Downspout	4.99	2.30
07 71 23 00-0268		**Square Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0269	LF	2-1/2", Square Vinyl Downspout	4.75	2.30
07 71 23 00-0270		**Rectangular Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0271	LF	2" x 3", Rectangular Vinyl Downspout	5.85	2.30
07 71 23 00-0272		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0273		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0272)*		
07 71 23 00-0274	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	174.30	3.46
07 71 23 00-0275	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	226.93	3.46
07 71 23 00-0276	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	270.69	3.46
07 71 23 00-0277		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0272)*		
07 71 23 00-0278	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	300.76	3.46
07 71 23 00-0279	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	367.23	3.46
07 71 23 00-0280	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	665.73	3.46
07 71 23 00-0281		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0282	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	612.95	22.75
		For Polished Brass Finish (-PB), Add	*56.75*	
		For Chrome Plated Finish (-CP), Add	*85.12*	
		For Vandal Proof (-U), Add	*28.37*	
07 71 23 00-0283	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	628.12	30.32
		For Polished Brass Finish (-PB), Add	*56.75*	
		For Chrome Plated Finish (-CP), Add	*85.12*	
		For Vandal Proof (-U), Add	*28.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0284	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	678.26	39.46
		For Polished Brass Finish (-PB), Add	*59.93*	
		For Chrome Plated Finish (-CP), Add	*89.90*	
		For Vandal Proof (-U), Add	*29.97*	
07 71 23 00-0285	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	727.82	49.81
		For Polished Brass Finish (-PB), Add	*62.82*	
		For Chrome Plated Finish (-CP), Add	*94.23*	
		For Vandal Proof (-U), Add	*31.41*	
07 71 23 00-0286	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	787.47	61.38
		For Polished Brass Finish (-PB), Add	*66.47*	
		For Chrome Plated Finish (-CP), Add	*99.71*	
		For Vandal Proof (-U), Add	*33.24*	
07 71 23 00-0287	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	876.45	85.69
		For Polished Brass Finish (-PB), Add	*70.51*	
		For Chrome Plated Finish (-CP), Add	*105.76*	
		For Vandal Proof (-U), Add	*35.25*	
07 71 23 00-0288	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	983.24	119.16
		For Polished Brass Finish (-PB), Add	*74.49*	
		For Chrome Plated Finish (-CP), Add	*111.74*	
		For Vandal Proof (-U), Add	*37.25*	

07 71 23 00-0289 Wall Mounted Downspout Nozzle *(07 71 23)*

07 71 23 00-0290	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	167.98	22.75
		For Nickle Bronze Finish (-NB), Add	*85.75*	
		For Polished Bronze Finish (-PB), Add	*67.38*	
		For Chrome Plated Finish (-CP), Add	*109.03*	
07 71 23 00-0291	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	183.15	30.32
		For Nickle Bronze Finish (-NB), Add	*85.75*	
		For Polished Bronze Finish (-PB), Add	*67.38*	
		For Chrome Plated Finish (-CP), Add	*109.03*	
07 71 23 00-0292	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	369.52	39.46
		For Nickle Bronze Finish (-NB), Add	*87.18*	
		For Polished Bronze Finish (-PB), Add	*49.40*	
		For Chrome Plated Finish (-CP), Add	*127.86*	
07 71 23 00-0293	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	540.76	49.81
		For Nickle Bronze Finish (-NB), Add	*74.99*	
		For Polished Bronze Finish (-PB), Add	*57.35*	
		For Chrome Plated Finish (-CP), Add	*127.92*	
07 71 23 00-0294	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	695.45	61.38
		For Nickle Bronze Finish (-NB), Add	*97.36*	
		For Polished Bronze Finish (-PB), Add	*74.45*	
		For Chrome Plated Finish (-CP), Add	*166.08*	
07 71 23 00-0295	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	891.84	85.69
		For Nickle Bronze Finish (-NB), Add	*122.48*	
		For Polished Bronze Finish (-PB), Add	*93.66*	
		For Chrome Plated Finish (-CP), Add	*208.94*	

07 71 23 00-0296 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0297	LF	Aluminum Mesh Gutter Leaf Guard	2.00	0.73
07 71 23 00-0298	LF	Vinyl Mesh Gutter Leaf Guard	2.07	0.73
07 71 23 00-0299	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	11.55	0.91
07 71 23 00-0300	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.41	0.91
07 71 23 00-0301	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	8.79	0.91
07 71 23 00-0302	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	13.45	0.91
07 71 23 00-0303	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	133.68	
07 71 23 00-0304	LF	Clean Gutters And Downspouts	1.44	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	11.14	4.24
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	11.21	4.24
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	11.34	4.24
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	11.82	4.24
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.09	4.24
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.40	4.24

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	12.33	4.24
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	12.43	4.24
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	12.62	4.24
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	13.31	4.24
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	13.71	4.24
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	14.17	4.24

07 71 26 00-0017 Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0018		KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	12.06	4.24
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	12.62	4.24
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	13.19	4.24
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	13.60	4.24
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	14.50	4.24
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.82	4.24
07 71 26 00-0025		Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	10.77	4.24
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.13	4.24
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.49	4.24
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.75	4.24
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.33	4.24
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.17	4.24
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	11.80	4.24
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	12.32	4.24
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	12.84	4.24
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.22	4.24
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.06	4.24
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.28	4.24
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	15.01	4.24
07 71 26 00-0042	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	16.17	4.24
07 71 26 00-0043		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0043)*		
07 71 26 00-0045	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	25.65	4.24

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001		Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*		
07 72 13 00-0002		Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)* Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003		18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*		
07 72 13 00-0004		9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	309.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	315.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	339.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	362.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	379.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	469.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	317.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	340.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	353.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	358.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	453.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	495.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	386.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	421.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	474.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	507.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	548.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	463.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	506.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	516.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	559.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	322.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	325.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	349.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	375.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	394.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	481.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	326.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	367.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	387.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	410.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	469.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	515.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	398.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	431.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	447.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	490.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	526.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	570.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	447.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	479.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	523.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	536.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	581.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	
07 72 13 00-0052		14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	329.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	332.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	354.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	383.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	405.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	495.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	332.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	354.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	405.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	429.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	481.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	528.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	406.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	442.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	457.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	502.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	538.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	584.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	457.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	490.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	536.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	549.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	596.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	298.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	311.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	357.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	387.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	409.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	511.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	335.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	365.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	375.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	384.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	487.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	535.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	410.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	446.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	462.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	508.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	544.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	591.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	462.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	495.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	542.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	556.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	604.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	307.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	322.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	372.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	405.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	515.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	348.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	381.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	394.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	406.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	511.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	564.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	428.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	466.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	485.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	532.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*94.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	572.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	623.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	485.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	521.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	570.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	585.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	638.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*113.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	314.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	330.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*32.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*42.05*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	381.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	417.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*58.60*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	447.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	547.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*10.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*74.95*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	358.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*5.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.25*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	398.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*48.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.30*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	416.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	420.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	529.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	584.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*75.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*99.70*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	440.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	479.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*50.75*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.75*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	500.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	550.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*13.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.50*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*90.50*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	590.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	645.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*115.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*81.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*115.60*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	500.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	539.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	587.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.30*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	605.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	660.40	137.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*23.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*73.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.10*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	356.50	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.86*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	439.80	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.52*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	507.24	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.95*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	573.76	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.25*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	633.53	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*116.15*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	478.47	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	591.52	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*109.86*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	615.83	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*113.67*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	658.33	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*122.17*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	738.93	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*137.23*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	923.67	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.12*	
07 72 13 00-0163		18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*		
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	678.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.33*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	794.46	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.45*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	952.86	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.07*	
07 72 13 00-0167		Wood, Prefabricated Roof Curbs *(07 72 13)*		
		Note: Includes Douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0168		Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0169		2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	249.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*16.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*41.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	276.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*45.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	302.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	299.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	306.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	345.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	304.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	354.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	396.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	336.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	369.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	416.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	255.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*42.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	283.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*47.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	321.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	311.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	321.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	360.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	315.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	368.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	410.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	347.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	382.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	430.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	259.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.54*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*43.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	290.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	323.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	318.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	330.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	370.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	322.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	377.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	419.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	354.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	390.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	440.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	264.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*44.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	294.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	332.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	340.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	381.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	331.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	387.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	431.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	398.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

07 72 13 00-0218 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0219 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	257.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*17.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*43.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	283.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*47.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	315.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	308.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	317.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	357.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	313.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	365.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	407.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	348.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	380.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	430.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	264.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*44.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	291.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	327.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	320.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	333.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	375.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	327.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	382.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	426.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	361.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	395.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	447.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	270.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*45.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	299.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	339.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	329.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*7.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*51.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*65.80*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	345.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	388.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	336.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	393.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	438.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	371.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*45.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*83.30*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	406.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	460.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.30*	

07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	282.86	84.44
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*3.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.30*	
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	305.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*51.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*4.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*39.95*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*46.95*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	348.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.15*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*58.15*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*64.15*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	355.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*9.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*57.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*70.30*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	426.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*12.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*65.00*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.00*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	365.98	94.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*8.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*63.10*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	428.08	105.54
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*46.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*80.55*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	478.30	126.65
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.45*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*96.45*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	443.19	116.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*63.10*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*94.10*	

07 72 23 Relief Vents *(07 72)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*
Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	96.16	26.90
		For Curb Or Flange Base, Add	*117.57*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	114.33	29.79
		For Curb Or Flange Base, Add	*129.93*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	125.42	35.55
		For Curb Or Flange Base, Add	*147.28*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	224.39	39.40
		For Curb Or Flange Base, Add	*217.82*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	303.46	44.20
		For Curb Or Flange Base, Add	*237.39*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	362.95	48.05
		For Curb Or Flange Base, Add	*257.23*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	459.70	53.81
		For Curb Or Flange Base, Add	*310.26*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	750.20	72.06
		For Curb Or Flange Base, Add	*492.24*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	100.67	26.90
		For Curb Or Flange Base, Add	*127.54*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	124.14	29.79
		For Curb Or Flange Base, Add	*140.96*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	140.05	35.55
		For Curb Or Flange Base, Add	*158.52*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	238.91	39.40
		For Curb Or Flange Base, Add	*253.54*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	305.44	44.20
		For Curb Or Flange Base, Add	*272.51*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	382.85	48.05
		For Curb Or Flange Base, Add	*305.29*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	512.49	53.81
		For Curb Or Flange Base, Add	*365.73*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	759.92	72.06
		For Curb Or Flange Base, Add	*542.89*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*
Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	83.49	26.90
		For Curb Or Flange Base, Add	*117.57*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	107.08	29.79
		For Curb Or Flange Base, Add	*129.93*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	119.48	35.55
		For Curb Or Flange Base, Add	*147.28*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	191.86	39.40
		For Curb Or Flange Base, Add	*217.82*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	221.14	44.20
		For Curb Or Flange Base, Add	*237.39*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	304.77	48.05
		For Curb Or Flange Base, Add	*257.23*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	392.28	53.81
		For Curb Or Flange Base, Add	*310.26*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	565.23	72.06
		For Curb Or Flange Base, Add	*492.24*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	97.22	26.90
		For Curb Or Flange Base, Add	*127.54*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	126.20	29.79
		For Curb Or Flange Base, Add	*140.96*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	141.79	35.55
		For Curb Or Flange Base, Add	*158.52*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	222.64	39.40
		For Curb Or Flange Base, Add	*253.54*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	277.78	44.20
		For Curb Or Flange Base, Add	*272.51*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	337.90	48.05
		For Curb Or Flange Base, Add	*305.29*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	477.93	53.81
		For Curb Or Flange Base, Add	*365.73*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	715.75	72.06
		For Curb Or Flange Base, Add	*542.89*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*
Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	206.87	43.24
		For Backdraft Damper, Add	*93.87*	
		For Curb Base, Add	*153.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	251.53	48.05
		For Backdraft Damper, Add	*102.71*	
		For Curb Base, Add	*167.93*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	286.60	57.65
		For Backdraft Damper, Add	*140.26*	
		For Curb Base, Add	*211.90*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	345.19	63.42
		For Backdraft Damper, Add	*160.14*	
		For Curb Base, Add	*244.46*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	866.68	86.48
		For Backdraft Damper, Add	*201.00*	
		For Curb Base, Add	*322.81*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,054.92	99.93
		For Backdraft Damper, Add	*237.44*	
		For Curb Base, Add	*384.81*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,424.68	115.30
		For Backdraft Damper, Add	*237.44*	
		For Curb Base, Add	*403.91*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,979.90	124.92
		For Backdraft Damper, Add	*248.49*	
		For Curb Base, Add	*420.26*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,821.18	134.52
		For Backdraft Damper, Add	*276.10*	
		For Curb Base, Add	*470.86*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	332.29	48.05
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	395.74	63.42
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	565.71	86.48
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	849.01	99.93

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	8.11	2.79
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	40.51	17.30
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	39.36	17.30

07 72 26 00-0005 Galvanized Ridge Vents *(07 72 26)*

07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	9.55	2.98

07 72 29 Rafter Vent *(07 72)*

07 72 29 00-0001 Rafter Vent *(07 72 29)*

Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 72 29 00-0002	EA	22" x 4' Rafter Vent	7.17	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	6.62	

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001 Galvanized Steel Cover And Curb *(07 72 33)*

07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	894.79	121.73
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,296.75	135.25
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	2,269.41	184.46
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,275.18	135.25
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,438.09	150.30
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	2,344.44	205.00

07 72 33 00-0008 Aluminum Cover And Curb *(07 72 33)*

07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,010.08	121.73
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,314.28	135.25
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,392.67	184.46
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,286.33	135.25
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,298.27	150.30
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,522.43	205.00
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,443.62	135.25

07 72 33 00-0016 Steel, Plain, Primed *(07 72 33)*

07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	859.92	121.73
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,151.93	135.25
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	1,577.76	184.46
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,069.30	135.25
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,305.27	150.30
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	1,773.30	205.00

07 72 33 00-0023 Stainless Steel *(07 72 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,256.00	121.73
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	4,323.62	135.25
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	6,503.03	184.46
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	3,468.79	135.25
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	7,339.66	150.30
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	8,218.52	205.00
07 72 33 00-0030		Remove And Reinstall Roof Hatch *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	374.41	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	978.20	135.25
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,282.40	150.30
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,309.79	204.90
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,260.83	139.48
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,228.14	154.52
07 72 33 00-0038		Roof Hatch Accessories *(07 72 33)*		
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	590.42	63.40
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		Fire Vent *(07 72 36)*		
07 72 36 00-0002		Galvanized Steel Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	2,241.14	112.77
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	2,583.47	155.04
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	2,943.31	169.15
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	3,002.49	177.60
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	3,473.40	155.04
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	3,693.77	169.15
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	3,900.85	183.27
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	4,439.99	197.39
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	5,503.81	211.42
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	3,694.97	183.27
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	7,743.12	225.54
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	4,264.32	239.66
07 72 36 00-0015		Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,234.76	112.77
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	2,559.56	155.04
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	2,880.35	169.15
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	2,982.30	177.60
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	2,897.47	155.04
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	3,702.80	169.15
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	3,959.83	183.27
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	3,853.43	197.39
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	5,417.47	211.42
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	3,736.68	183.27
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	7,109.02	225.54
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	3,661.82	239.66
07 72 36 00-0028		Aluminum Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,438.78	112.77
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	2,897.47	155.04
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,180.00	169.15
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,364.83	177.60
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,050.49	155.04
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	3,862.19	169.15
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,100.09	183.27
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,235.97	197.39
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,143.32	211.42
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	3,915.20	183.27
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	7,765.70	225.54
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	4,044.36	239.66
07 72 36 00-0041		Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,413.28	112.43
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,056.86	155.04
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,230.93	177.60
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,471.27	155.04

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	3,662.18	197.39

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	8.13	2.33
		For Diamond Surface, Add	*0.57*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	8.97	2.80
		For Diamond Surface, Add	*0.66*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	9.89	2.80
		For Diamond Surface, Add	*0.74*	

07 72 53 Snow Guards *(07 72)*

07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs *(07 72 53)*

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	14.36	2.39
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	15.56	2.39
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	14.77	2.39
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	9.21	2.39

07 72 53 00-0006 Snow Guards For Metal Roofs *(07 72 53)*

Note: Aluminum construction.

07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	16.89	3.43
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	18.65	3.43
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	27.00	3.43
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	26.63	3.43
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	25.26	4.00
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	27.48	4.00
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	34.01	4.00
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	14.75	3.01
		For Mechanically Fastened, Add	*6.00*	
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	16.58	3.01
		For Mechanically Fastened, Add	*6.00*	
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	22.81	3.01
		For Mechanically Fastened, Add	*6.00*	
07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)	9.50	3.01
		Note: Can be used for metal, rubber, PVC, TPO or glass roofing.		
		For Mechanically Fastened, Add	*8.01*	

07 72 53 00-0018 Snow Breaker For Roofs *(07 72 53)*

07 72 53 00-0019	EA	Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	11.56	4.00
07 72 53 00-0020	EA	>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.98	4.00
07 72 53 00-0021	EA	>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.70	4.00
07 72 53 00-0022	EA	>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.35	4.00

07 72 53 00-0023 Ice Breaker For Vents *(07 72 53)*

07 72 53 00-0024	EA	Ice Breaker For Vents Up to 4", Mechanically Fastened	82.85	
07 72 53 00-0025	EA	Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	94.95	

07 72 53 00-0026 Pipe Style, Snow Guards For Metal Roofs *(07 72 53)*

07 72 53 00-0027 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps *(07 72 53 00-0026)*

Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.

07 72 53 00-0028	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	42.39	12.01
07 72 53 00-0029	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	49.46	12.01
07 72 53 00-0030	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	55.11	12.01
07 72 53 00-0031	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	67.25	12.01
07 72 53 00-0032	EA	Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000)	70.22	14.41

07 72 53 00-0033 Tubing For Snow Guard Clamps *(07 72 53 00-0026)*

07 72 53 00-0034	LF	1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®)	9.01	2.89
		Note: Includes end caps, collars and couplings.		
07 72 53 00-0035	LF	1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®)	16.52	2.89
		Note: Includes end caps, collars and couplings.		

07 72 56 Snow/Ice Melt *(07 72)*

07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters *(07 72 56)*

07 72 56 00-0002	LF	12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters	9.16	0.90
		Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0003	LF	12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters	9.82	0.90
		Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0004	EA	Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters	173.34	67.74
07 72 56 00-0005	EA	Splice Kit For Self Regulating Heating Cable For Roofs And Gutters	131.20	49.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 56 00-0006	EA	Roof Clips For Self Regulating Heating Cable For Roofs And Gutters	16.84	2.71
		For >5, Deduct	*-2.71*	
07 72 56 00-0007	EA	Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	61.99	6.77
07 72 56 00-0008	EA	120 Volt AC, Snow Switch, Automatic Control For Melting Snow	583.18	54.19
07 72 56 00-0009	EA	Automatic Gutter Ice Melting Control	796.58	67.74

07 72 63 Waste Containment Assemblies *(07 72)*

07 72 63 00-0001 Rooftop Oil And Grease Containment System *(07 72 63)*

07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*

07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	1,802.44	190.86
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	1,990.75	190.86
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	2,404.80	198.49
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	2,394.03	198.49
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	3,079.53	214.72
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	2,452.52	214.72
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	2,749.41	254.41
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	3,989.78	318.07
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	4,872.44	318.07
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	6,083.40	318.07

07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*

07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	2,171.05	190.86
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	2,415.95	190.86
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	2,945.70	198.49
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	2,994.15	198.49
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	4,201.70	214.72
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	4,586.52	214.72
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	4,320.98	254.41
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	4,899.35	318.07
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	6,048.42	318.07
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	7,622.67	318.07

07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*

Note: Includes removing old filters and installing new filters.

07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*

07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	143.73	
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	197.56	
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	278.28	
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	260.92	
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	476.21	
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	481.59	
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	378.11	
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	485.75	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	703.72	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	921.70	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*		
07 72 63 00-0038		Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*		
07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	292.59	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	384.09	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	550.94	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	517.42	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	977.58	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	982.96	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	736.86	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	987.13	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	1,436.53	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	1,904.78	
07 72 63 00-0049		Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*		
07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	359.87	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	443.30	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	642.43	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	611.61	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	1,174.03	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	1,168.65	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	860.66	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	1,183.58	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	1,651.82	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	2,289.60	

07 72 73 Vegetated Roof Systems *(07 72)*

07 72 73 00-0001		Garden Roof System *(07 72 73)* Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.		
07 72 73 00-0002		Fluid Applied Polyurethane (WhiteKnight) Waterproofing *(07 72 73 00-0001)* Note: Includes: powerwash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 72 73 00-0003	SF	Up To 250 SF Fluid Applied Polyurethane Waterproofing	8.50	
07 72 73 00-0004	SF	>250 To 500 SF Fluid Applied Polyurethane Waterproofing	8.30	
07 72 73 00-0005	SF	>500 To 2,500 SF Fluid Applied Polyurethane Waterproofing	8.00	
07 72 73 00-0006	SF	>2,500 To 5,000 SF Fluid Applied Polyurethane Waterproofing	7.70	
07 72 73 00-0007	SF	>5,000 To 10,000 SF Fluid Applied Polyurethane Waterproofing	7.40	
07 72 73 00-0008	SF	>10,000 To 25,000 SF Fluid Applied Polyurethane Waterproofing	7.10	
07 72 73 00-0009	SF	>25,000 To 50,000 SF Fluid Applied Polyurethane Waterproofing	6.80	
07 72 73 00-0010	SF	>50,000 SF Fluid Applied Polyurethane Waterproofing	6.50	
07 72 73 00-0011		Filterdrain (Greenshield Filterdrain) *(07 72 73 00-0001)*		
07 72 73 00-0012	SF	Up To 250 SF Filterdrain	3.00	
07 72 73 00-0013	SF	>250 To 500 SF Filterdrain	2.80	
07 72 73 00-0014	SF	>500 To 2,500 SF Filterdrain	2.60	
07 72 73 00-0015	SF	>2,500 To 5,000 SF Filterdrain	2.40	
07 72 73 00-0016	SF	>5,000 To 10,000 SF Filterdrain	2.20	
07 72 73 00-0017	SF	>10,001 To 25,000 SF Filterdrain	2.10	
07 72 73 00-0018	SF	>25,000 To 50,000 SF Filterdrain	2.05	
07 72 73 00-0019	SF	>50,000 SF Filterdrain	2.00	
07 72 73 00-0020		Soil (Greenshield Oasis) *(07 72 73 00-0001)*		
07 72 73 00-0021	SF	Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00	
07 72 73 00-0022	SF	>250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85	
07 72 73 00-0023	SF	>500 To 2,500 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 72 73 00-0024	SF	>2,500 To 5,000 SF Growing Media / Engineered Soil, 1" Depth	0.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 73 00-0025	SF	>5,000 To 10,000 SF Growing Media / Engineered Soil, 1" Depth	0.55	
07 72 73 00-0026	SF	>10,000 To 25,000 SF Growing Media / Engineered Soil, 1" Depth	0.50	
07 72 73 00-0027	SF	>25,000 To 50,000 SF Growing Media / Engineered Soil, 1" Depth	0.45	
07 72 73 00-0028	SF	>50,000 SF Growing Media / Engineered Soil, 1" Depth	0.40	

07 72 73 00-0029 Irrigation Topical And Controls *(07 72 73 00-0001)*

07 72 73 00-0030	SF	Up To 250 SF Irrigation Topical	15.00	
07 72 73 00-0031	SF	>250 To 500 SF Irrigation Topical	14.75	
07 72 73 00-0032	SF	>500 To 2,500 SF Irrigation Topical	9.50	
07 72 73 00-0033	SF	>2,500 To 5,000 SF Irrigation Topical	7.50	
07 72 73 00-0034	SF	>5,000 To 10,000 SF Irrigation Topical	5.50	
07 72 73 00-0035	SF	>10,000 To 25,000 SF Irrigation Topical	3.50	
07 72 73 00-0036	SF	>25,000 To 50,000 SF Irrigation Topical	2.50	
07 72 73 00-0037	SF	>50,000 SF Irrigation Topical	2.00	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 73 00 00-0002	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	2.78	0.48
		For No Adhesive, Deduct	*-0.53*	
		For Hot-Mopped, Deduct	*-0.02*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.52*	
		For Mechanically Fastened To Gypsum, Add	*0.66*	
07 73 00 00-0003	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	3.12	0.52
		For No Adhesive, Deduct	*-0.55*	
		For Hot-Mopped, Deduct	*0.00*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.59*	
		For Mechanically Fastened To Gypsum, Add	*0.73*	
07 73 00 00-0004	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®)	3.30	0.57
		For No Adhesive, Deduct	*-0.57*	
		For Hot-Mopped, Deduct	*0.02*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.64*	
		For Mechanically Fastened To Gypsum, Add	*0.78*	
07 73 00 00-0005	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	2.81	0.48
		For No Adhesive, Deduct	*-0.53*	
		For Hot-Mopped, Deduct	*-0.02*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.52*	
		For Mechanically Fastened To Gypsum, Add	*0.66*	
07 73 00 00-0006	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	3.16	0.52
		For No Adhesive, Deduct	*-0.55*	
		For Hot-Mopped, Deduct	*0.00*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.59*	
		For Mechanically Fastened To Gypsum, Add	*0.73*	
07 73 00 00-0007	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime)	3.35	0.57
		For No Adhesive, Deduct	*-0.57*	
		For Hot-Mopped, Deduct	*0.02*	
		For Mechanically Fastened To Wood Or Steel, Deduct	*-0.14*	
		For Mechanically Fastened To Concrete, Add	*0.64*	
		For Mechanically Fastened To Gypsum, Add	*0.78*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	10.60	6.07
		For 1-1/2" Thickness, Deduct	*-0.94*	
		For 2-1/2" Thickness, Add	*0.94*	
		For 3" Thickness, Add	*1.88*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	8.83	4.58
		For 1-1/2" Thickness, Deduct	*-0.77*	
		For 2-1/2" Thickness, Add	*0.77*	
		For 3" Thickness, Add	*1.54*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	7.39	3.64
		For 1-1/2" Thickness, Deduct	*-0.63*	
		For 2-1/2" Thickness, Add	*0.63*	
		For 3" Thickness, Add	*1.26*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	6.54	3.18
		For 1-1/2" Thickness, Deduct	*-0.55*	
		For 2-1/2" Thickness, Add	*0.55*	
		For 3" Thickness, Add	*1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	6.00	2.89
		For 1-1/2" Thickness, Deduct	*-0.50*	
		For 2-1/2" Thickness, Add	*0.50*	
		For 3" Thickness, Add	*1.01*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	15.29	0.95
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	16.24	0.95
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	17.20	0.95
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	8.23	0.95
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	8.23	0.95
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	8.39	0.95
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	4.62	0.95
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	6.69	0.95

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	3.73	
		For 20 Year Warranty, Deduct	*-0.19*	
		For 15 Year Warranty, Deduct	*-0.37*	
		For 10 Year Warranty, Deduct	*-0.51*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	4.74	
		For 20 Year Warranty, Deduct	*-0.26*	
		For 15 Year Warranty, Deduct	*-0.53*	
		For 10 Year Warranty, Deduct	*-0.72*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	5.59	
		For 20 Year Warranty, Deduct	*-0.31*	
		For 15 Year Warranty, Deduct	*-0.62*	
		For 10 Year Warranty, Deduct	*-0.83*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	6.66	
		For 20 Year Warranty, Deduct	*-0.38*	
		For 15 Year Warranty, Deduct	*-0.77*	
		For 10 Year Warranty, Deduct	*-1.05*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire And Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Cementitious Fireproofing *(07 81 16)*

07 81 16 00-0002 Spray On Ceiling (Metal Decking Corrugated Or Fluted) *(07 81 16 00-0001)*

07 81 16 00-0003	SF	Spray Fireproofing For Ceiling, 1 Hour Rated 1/2" Thick Coverage	1.06	0.59
07 81 16 00-0004	SF	Spray Fireproofing For Ceiling, 2 Hour Rated 7/8" Thick Coverage	1.47	0.70

07 81 16 00-0005 Spray On Roofs And Beams *(07 81 16 00-0001)*

07 81 16 00-0006	SF	Spray Fireproofing For Beams And Roofs, 1 Hour Rated 1-3/8" Thick Coverage	2.17	0.86
07 81 16 00-0007	SF	Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-1/2" Thick Coverage	2.35	0.93
07 81 16 00-0008	SF	Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-5/8" Thick Coverage	2.45	0.97

07 81 16 00-0009 Spray On Beams (Min. W8x24) *(07 81 16 00-0001)*

07 81 16 00-0010	SF	Spray Fireproofing For Beams, 1 Hour Rated 7/16" Thick Coverage (Min W8x24)	0.90	0.47
07 81 16 00-0011	SF	Spray Fireproofing For Beams, 2 Hour Rated 1/2" Thick Coverage (Min W8x24)	1.11	0.59
07 81 16 00-0012	SF	Spray Fireproofing For Beams, 3 Hour Rated 7/8" Thick Coverage (Min W8x24)	1.57	0.70
07 81 16 00-0013	SF	Spray Fireproofing For Beams, 4 Hour Rated 1-1/4" Thick Coverage (Min W8x24)	2.09	0.82

07 81 16 00-0014 Spray On Columns (W10x49) *(07 81 16 00-0001)*

07 81 16 00-0015	SF	Spray Fireproofing For Columns, 1 Hour Rated 1-3/16" Thick Coverage (W10x49)	2.04	0.78
07 81 16 00-0016	SF	Spray Fireproofing For Columns, 2 Hour Rated 1-1/4" Thick Coverage (W10x49)	2.22	0.82
07 81 16 00-0017	SF	Spray Fireproofing For Columns, 3 Hour Rated 1-7/8" Thick Coverage (W10x49)	2.86	0.97
07 81 16 00-0018	SF	Spray Fireproofing For Columns, 4 Hour Rated 2-1/2" Thick Coverage (W10x49)	3.73	1.17

07 81 16 00-0019 Spray On Columns (W14x228) *(07 81 16 00-0001)*

07 81 16 00-0020	SF	Spray Fireproofing For Columns, 2 Hour Rated 5/8" Thick Coverage (W14x228)	1.32	0.59
07 81 16 00-0021	SF	Spray Fireproofing For Columns, 3 Hour Rated 7/8" Thick Coverage (W14x228)	1.67	0.70
07 81 16 00-0022	SF	Spray Fireproofing For Columns, 4 Hour Rated 1-1/4" Thick Coverage (W14x228)	2.22	0.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 16 00-0023		Gunite Fireproofing *(07 81 16)*		
07 81 16 00-0024	SF	Fireproofing, Gunite, Non Reinforced, 1" Thick	2.34	0.55
07 81 16 00-0025	SF	Fireproofing, Gunite, Reinforced, 1" Thick	3.30	0.55
07 81 16 00-0026		Monokote Fireproofing *(07 81 16)*		
07 81 16 00-0027	CSF	Monokote Fireproofing For Structural Steel Note: Per inch of thickness.	234.25	88.96
07 81 16 00-0028	CSF	Monokote Fireproofing For Columns Note: Per inch of thickness.	218.49	1.17
07 81 16 00-0029	CSF	Monokote Fireproofing For Ceiling/Decking Note: Per inch of thickness.	168.34	59.58
07 81 23		**Intumescent Fireproofing *(07 81)***		
07 81 23 00-0001		Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*		
07 81 23 00-0002		Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)* Note: Excludes primer.		
07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	9.37	
		For >10,000, Deduct	*-0.88*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	14.85	
		For >10,000, Deduct	*-1.42*	
07 81 23 00-0005		Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)* Note: Excludes primer.		
07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	6.24	
		For >10,000, Deduct	*-0.56*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	13.37	
		For >10,000, Deduct	*-1.27*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	29.75	
		For >10,000, Deduct	*-2.91*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	40.82	
		For >10,000, Deduct	*-4.01*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	51.88	
		For >10,000, Deduct	*-5.11*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	62.96	
		For >10,000, Deduct	*-6.21*	
07 81 23 00-0012		Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)* Note: Excludes primer.		
07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	12.19	
		For >10,000, Deduct	*-1.16*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	22.34	
		For >10,000, Deduct	*-2.17*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	35.24	
		For >10,000, Deduct	*-3.46*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	49.07	
		For >10,000, Deduct	*-4.83*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	61.97	
		For >10,000, Deduct	*-6.12*	
07 81 23 00-0018		Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*		
07 81 23 00-0019		Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)* Note: Excludes primer.		
07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	5.99	
		For >10,000, Deduct	*-0.56*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	13.33	
		For >10,000, Deduct	*-1.29*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	30.19	
		For >10,000, Deduct	*-2.97*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	41.56	
		For >10,000, Deduct	*-4.10*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	52.95	
		For >10,000, Deduct	*-5.24*	
07 81 33		**Mineral-Fiber Fireproofing *(07 81)***		
07 81 33 00-0001		Cellulose Fireproofing *(07 81 33)*		
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	1.84	0.55

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 82 Board Fireproofing *(07 80)*

Note: Type A: 1 hour rating. See CSI section 09 23 13 00-0001 for plaster casing and corner bead, 09 29 00 00-0072 for gypsum board casing and corner bead.

07 82 00 00-0001 Fireproofing On Columns *(07 82)*

07 82 00 00-0002 Up To 4,500 SF, Fireproofing On Columns *(07 82 00 00-0001)*

07 82 00 00-0003	CSF	Lath And Cement Plaster, 1 Hour, Mk A, Up To 4,500 SF, Fireproofing On Columns	1,197.08	834.05
07 82 00 00-0004	CSF	Lath And Cement Plaster, 2 Hour, Mk B, Up To 4,500 SF, Fireproofing On Columns	2,156.23	1,489.37
07 82 00 00-0005	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, Up To 4,500, Fireproofing On Columns	1,912.61	1,310.65
07 82 00 00-0006	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, Up To 4,500 SF, Fireproofing On Columns	1,286.62	774.47
07 82 00 00-0007	CSF	Lath And Gypsum Plaster, 4 Hour, Mk E, Up To 4,500 SF, Fireproofing On Columns	1,005.26	655.32
07 82 00 00-0008	CSF	Gypsum Board, 2 Hour, Mk F, Up To 4,500 SF, Fireproofing On Columns	1,511.74	1,012.77
07 82 00 00-0009	CSF	Gypsum Board, 2 Hour, Mk G, Up To 4,500 SF, Fireproofing On Columns	860.44	536.17

07 82 00 00-0010 >4,500 SF, Fireproofing On Columns *(07 82 00 00-0001)*

07 82 00 00-0011	CSF	Lath And Cement Plaster, 1 Hour, Mk A >4,500 SF, Fireproofing On Columns	1,217.72	834.05
07 82 00 00-0012	CSF	Lath And Cement Plaster, 2 Hour, Mk B, >4,500 SF, Fireproofing On Columns	2,197.51	1,489.37
07 82 00 00-0013	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, >4,500 SF, Fireproofing On Columns	1,919.81	1,310.65
07 82 00 00-0014	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, >4,500 SF, Fireproofing On Columns	1,143.55	774.47
07 82 00 00-0015	CSF	Lath And Gypsum Plaster, 2 Hour, Mk E, >4,500 SF, Fireproofing On Columns	931.49	655.32
07 82 00 00-0016	CSF	Gypsum Board, 2 Hour, Mk F, >4,500 SF, Fireproofing On Columns	1,493.87	1,012.77
07 82 00 00-0017	CSF	Gypsum Board, 2 Hour, Mk G, >4,500 SF, Fireproofing On Columns	844.27	536.17

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001 Firestopping Systems For Cable Penetrations *(07 84 13 16)*

07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*

Note: Includes putty, escutcheon plates, gaskets and bushings.

07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	51.23
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	68.80
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	111.55

07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*

Note: Includes putty and mounting plates.

07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	93.38
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	163.66
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	299.53

07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)*

07 84 13 16-0011	EA	2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	210.82
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	195.29
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	201.19

07 84 13 16-0014 Intumescent Firestopping Pipe Collar *(07 84 13 16)*

07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	31.80	9.15
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	38.31	9.15
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	44.56	10.07
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	69.65	11.44
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	341.30	13.72
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	440.89	15.10

07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*

Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.

07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	111.58
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	116.98
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.	214.81
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	140.77

07 84 13 16-0026 Intumescent Firestopping Wrap Strips *(07 84 13 16)*

07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	5.05

07 84 13 19 Penetration Firestopping Caulk *(07 84 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0001		Intumescent Firestopping For Sealing Pipe Penetrations (Hilti) *(07 84 13 19)* Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	18.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.06*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	22.78	
		For Intumescent Sealant For Plastic Pipe, Add	*0.30*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	22.59	
		For Intumescent Sealant For Plastic Pipe, Add	*0.22*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	22.28	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	26.38	
		For Intumescent Sealant For Plastic Pipe, Add	*0.63*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	26.19	
		For Intumescent Sealant For Plastic Pipe, Add	*0.56*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	25.88	
		For Intumescent Sealant For Plastic Pipe, Add	*0.43*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	25.40	
		For Intumescent Sealant For Plastic Pipe, Add	*0.24*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	24.99	
		For Intumescent Sealant For Plastic Pipe, Add	*0.08*	
07 84 13 19-0011	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	32.04	
		For Intumescent Sealant For Plastic Pipe, Add	*1.06*	
07 84 13 19-0012	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	31.86	
		For Intumescent Sealant For Plastic Pipe, Add	*0.99*	
07 84 13 19-0013	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	31.54	
		For Intumescent Sealant For Plastic Pipe, Add	*0.86*	
07 84 13 19-0014	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	31.06	
		For Intumescent Sealant For Plastic Pipe, Add	*0.67*	
07 84 13 19-0015	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	30.65	
		For Intumescent Sealant For Plastic Pipe, Add	*0.50*	
07 84 13 19-0016	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	29.68	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	43.88	
		For Intumescent Sealant For Plastic Pipe, Add	*2.86*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	40.52	
		For Intumescent Sealant For Plastic Pipe, Add	*1.51*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	40.21	
		For Intumescent Sealant For Plastic Pipe, Add	*1.39*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	39.72	
		For Intumescent Sealant For Plastic Pipe, Add	*1.19*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	39.32	
		For Intumescent Sealant For Plastic Pipe, Add	*1.03*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	38.35	
		For Intumescent Sealant For Plastic Pipe, Add	*0.64*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	37.09	
		For Intumescent Sealant For Plastic Pipe, Add	*0.14*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	59.09	
		For Intumescent Sealant For Plastic Pipe, Add	*5.27*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	58.75	
		For Intumescent Sealant For Plastic Pipe, Add	*5.13*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	58.19	
		For Intumescent Sealant For Plastic Pipe, Add	*4.91*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	57.32	
		For Intumescent Sealant For Plastic Pipe, Add	*4.56*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	56.59	
		For Intumescent Sealant For Plastic Pipe, Add	*4.27*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	50.87	
		For Intumescent Sealant For Plastic Pipe, Add	*1.98*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	49.62	
		For Intumescent Sealant For Plastic Pipe, Add	*1.48*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	47.71	
		For Intumescent Sealant For Plastic Pipe, Add	*0.72*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	94.68	
		For Intumescent Sealant For Plastic Pipe, Add	*12.16*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	94.34	
		For Intumescent Sealant For Plastic Pipe, Add	*12.02*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	93.78	
		For Intumescent Sealant For Plastic Pipe, Add	*11.80*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	92.91	
		For Intumescent Sealant For Plastic Pipe, Add	*11.45*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	92.18	
		For Intumescent Sealant For Plastic Pipe, Add	*11.16*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	90.43	
		For Intumescent Sealant For Plastic Pipe, Add	*10.46*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	88.17	
		For Intumescent Sealant For Plastic Pipe, Add	*9.55*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	84.74	
		For Intumescent Sealant For Plastic Pipe, Add	*8.18*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	71.83	
		For Intumescent Sealant For Plastic Pipe, Add	*3.02*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	126.06	
		For Intumescent Sealant For Plastic Pipe, Add	*19.20*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	122.62	
		For Intumescent Sealant For Plastic Pipe, Add	*17.82*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	115.74	
		For Intumescent Sealant For Plastic Pipe, Add	*15.07*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0044		EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	87.66	
			For Intumescent Sealant For Plastic Pipe, Add	*3.84*	
07 84 13 19-0045		EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	160.51	
			For Intumescent Sealant For Plastic Pipe, Add	*27.47*	
07 84 13 19-0046		EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	140.09	
			For Intumescent Sealant For Plastic Pipe, Add	*19.30*	
07 84 13 19-0047		EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant	104.05	
			For Intumescent Sealant For Plastic Pipe, Add	*4.88*	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049		EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.29
07 84 13 19-0050		EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.22
07 84 13 19-0051		EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	22.12
07 84 13 19-0052		EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.33
07 84 13 19-0053		EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.25
07 84 13 19-0054		EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.16
07 84 13 19-0055		EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	25.01
07 84 13 19-0056		EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	24.87
07 84 13 19-0057		EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.30
07 84 13 19-0058		EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.24
07 84 13 19-0059		EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	30.13
07 84 13 19-0060		EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	29.98
07 84 13 19-0061		EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	29.85
07 84 13 19-0062		EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	29.52
07 84 13 19-0063		EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.09
07 84 13 19-0064		EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	38.02
07 84 13 19-0065		EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.93
07 84 13 19-0066		EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.77
07 84 13 19-0067		EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.64
07 84 13 19-0068		EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	37.31
07 84 13 19-0069		EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	36.84
07 84 13 19-0070		EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.43
07 84 13 19-0071		EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.36
07 84 13 19-0072		EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.26
07 84 13 19-0073		EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	48.10
07 84 13 19-0074		EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.95
07 84 13 19-0075		EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.61
07 84 13 19-0076		EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	47.19
07 84 13 19-0077		EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	46.52
07 84 13 19-0078		EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.08
07 84 13 19-0079		EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	70.01
07 84 13 19-0080		EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	69.91
07 84 13 19-0081		EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	69.76
07 84 13 19-0082		EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	69.63
07 84 13 19-0083		EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	69.30
07 84 13 19-0084		EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	68.84
07 84 13 19-0085		EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	68.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	66.85	
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	87.22	
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.59	
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	85.23	
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	81.39	
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	104.94	
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	101.09	
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	96.00	

07 84 16 Annular Space Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	28.70	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	40.85	
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	42.69	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	44.53	
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	46.36	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	58.53	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*

07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	11.67	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	12.11	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	11.30	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	12.14	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	11.81	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	11.36	

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	29.24	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	31.36	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	33.97	

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	266.07	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	374.68	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	506.75	

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier *(07 84 16)*

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	40.45	

07 84 16 00-0026 Firestopping Caulk For Filling Opening *(07 84 16)*

07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	149.94	

07 84 16 00-0028 Firestopping Mortar For Filling Opening *(07 84 16)*

07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	134.68	

07 84 23 Silicone Firestopping Foams *(07 84)*

07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings *(07 84 23)*

07 84 23 00-0002	EA	2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	36.03	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	87.26	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	155.38	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	238.38	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	340.88	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	458.37	

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Intumescent Firestopping Sealant For Joints *(07 84 43)*

07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant	367.01	146.93
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant	421.88	156.12
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant	458.44	156.12
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant	476.72	156.12
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant	531.56	156.12

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0007		CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant	604.84	165.32
07 84 43 00-0008		CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant	677.97	174.49
07 84 43 00-0009		CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant	623.12	165.32
07 84 43 00-0010		CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant	732.95	183.68
07 84 43 00-0011		CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant	824.46	192.87
07 84 43 00-0012		CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant	915.91	202.04
07 84 43 00-0013		CLF	1/2" x 1" Joint, Intumescent Firestop Sealant	1,136.07	275.49
07 84 43 00-0014		CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant	1,245.88	293.90
07 84 43 00-0015		CLF	1" x 1" Joint, Intumescent Firestop Sealant	1,776.03	303.05

07 84 43 00-0016 Passive Smoke And Fire Protection Sealant For Joints *(07 84 43)*

07 84 43 00-0017		CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	334.60	146.93
07 84 43 00-0018		CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	373.24	156.12
07 84 43 00-0019		CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	393.59	156.12
07 84 43 00-0020		CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	403.77	156.12
07 84 43 00-0021		CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	434.29	156.12
07 84 43 00-0022		CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	483.25	165.32
07 84 43 00-0023		CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	532.06	174.49
07 84 43 00-0024		CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	493.42	165.32
07 84 43 00-0025		CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	570.83	183.68
07 84 43 00-0026		CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	629.92	192.87
07 84 43 00-0027		CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	688.94	202.04
07 84 43 00-0028		CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	876.68	275.49
07 84 43 00-0029		CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	954.06	293.90
07 84 43 00-0030		CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,257.25	303.05

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002		SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	8.41	
			For Work In Restricted Working Space, Add	*1.14*	
07 84 56 13-0003		SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	13.38	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.14*	
07 84 56 13-0004		SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	14.58	
			Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
			For Work In Restricted Working Space, Add	*1.14*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006		SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	15.12	8.89
			For Work In Restricted Working Space, Add	*3.57*	
			For >500 To 5,000, Deduct	*-1.33*	
			For >5,000, Deduct	*-2.38*	
07 84 56 13-0007		SF	1" Thermal Ceramics FireMaster Blanket Wrap	17.77	8.89
			For Work In Restricted Working Space, Add	*3.57*	
			For >500 To 5,000, Deduct	*-1.94*	
			For >5,000, Deduct	*-3.36*	
07 84 56 13-0008		SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	20.69	8.89
			For Work In Restricted Working Space, Add	*3.57*	
			For >500 To 5,000, Deduct	*-2.61*	
			For >5,000, Deduct	*-4.44*	
07 84 56 13-0009		SF	2" Thermal Ceramics FireMaster Blanket Wrap	23.61	8.89
			For Work In Restricted Working Space, Add	*3.57*	
			For >500 To 5,000, Deduct	*-3.29*	
			For >5,000, Deduct	*-5.52*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002		LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.53	0.48
07 91 23 00-0003		LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.65	0.48
07 91 23 00-0004		LF	1/2" Polyethylene Or Polyurethane Backer Rod	1.76	0.48
07 91 23 00-0005		LF	5/8" Polyethylene Or Polyurethane Backer Rod	1.87	0.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	1.93	0.57
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	2.04	0.57
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	2.23	0.57
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	2.43	0.67
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	2.70	0.76
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	3.13	0.86
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	4.55	1.05

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	1.91	0.57
		For Coloring, Add	*0.00*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	5.45	1.63
		For Coloring, Add	*0.02*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	6.20	1.72
		For Coloring, Add	*0.03*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	6.29	1.82
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	7.28	3.34

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	380.99	110.12
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	613.92	159.08
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	489.24	136.37
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	565.55	143.14
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	862.87	220.25
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	989.13	238.58
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	900.91	173.49

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	383.86	136.37
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	631.12	220.25
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	496.56	188.00
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	583.71	198.49
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	889.79	304.42
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,028.94	330.38
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,342.24	396.03

07 91 26 00-0023 Silicon RTV Foam Penetration Seal *(07 91 26)*

07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	135.59	21.85
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	271.18	43.61
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	404.32	64.80
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	573.83	87.32
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	135.59	21.85
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	403.93	64.61
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	700.44	97.05
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,399.19	193.43
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	2,666.91	349.17
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,070.55	545.47
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	5,926.96	872.79

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" *(07 91 26)*

07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	4.07	1.24
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.31	1.24
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	4.54	1.33
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	4.80	1.43
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	5.15	1.53
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	5.39	1.53
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	5.69	1.63
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	5.89	1.63

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	54.82	5.83
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	71.80	6.11
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	89.69	6.39
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	109.57	6.66
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	140.59	6.94
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	160.81	7.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	185.81	7.49
07 91 33 00-0010		Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*		
		Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	30.62	5.83
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	33.02	5.91
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	38.87	6.00
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	41.01	6.11
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	43.53	6.19
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	52.16	6.27
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	63.12	6.39
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	73.87	6.66
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	83.08	6.94
07 91 33 00-0020		Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*		
		Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	26.49	5.83
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	33.10	6.11
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	39.60	6.39
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	41.62	6.53
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	45.66	6.66
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	63.12	6.94
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	84.67	7.22
07 91 33 00-0028		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	19.56	2.31
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	32.01	2.40
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	47.58	2.49
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	59.69	2.59
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	78.17	2.69
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	102.98	2.78
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	126.03	2.87
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	169.46	2.96
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	197.63	3.05
07 91 33 00-0038		Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	19.11	2.31
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	24.88	2.40
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	32.98	2.49
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	44.31	2.59
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	50.41	2.69
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	69.43	2.78
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	92.80	2.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	100.12	2.96

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001 Silicone Sealants And Caulking *(07 92 13)*

07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	335.23	146.94
		For Coloring, Add	*14.89*	
		For 1 Part Mildew Resistant, Add	*14.47*	
		For High-Modulus Non-Acid Curing, Add	*8.27*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	365.09	151.54
		For Coloring, Add	*22.33*	
		For 1 Part Mildew Resistant, Add	*21.71*	
		For High-Modulus Non-Acid Curing, Add	*12.41*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	394.90	156.12
		For Coloring, Add	*29.77*	
		For 1 Part Mildew Resistant, Add	*28.95*	
		For High-Modulus Non-Acid Curing, Add	*16.54*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	405.24	156.12
		For Coloring, Add	*33.49*	
		For 1 Part Mildew Resistant, Add	*32.56*	
		For High-Modulus Non-Acid Curing, Add	*18.61*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	445.52	160.72
		For Coloring, Add	*44.66*	
		For 1 Part Mildew Resistant, Add	*43.42*	
		For High-Modulus Non-Acid Curing, Add	*24.81*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	485.70	165.32
		For Coloring, Add	*55.82*	
		For 1 Part Mildew Resistant, Add	*54.27*	
		For High-Modulus Non-Acid Curing, Add	*31.01*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	535.01	174.49
		For Coloring, Add	*66.99*	
		For 1 Part Mildew Resistant, Add	*65.13*	
		For High-Modulus Non-Acid Curing, Add	*37.22*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	496.04	165.32
		For Coloring, Add	*59.54*	
		For 1 Part Mildew Resistant, Add	*57.89*	
		For High-Modulus Non-Acid Curing, Add	*33.08*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	574.10	183.68
		For Coloring, Add	*74.43*	
		For 1 Part Mildew Resistant, Add	*72.36*	
		For High-Modulus Non-Acid Curing, Add	*41.35*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	633.84	192.87
		For Coloring, Add	*89.32*	
		For 1 Part Mildew Resistant, Add	*86.84*	
		For High-Modulus Non-Acid Curing, Add	*49.62*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	693.52	202.04
		For Coloring, Add	*104.20*	
		For 1 Part Mildew Resistant, Add	*101.31*	
		For High-Modulus Non-Acid Curing, Add	*57.89*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	744.04	206.62
		For Coloring, Add	*119.09*	
		For 1 Part Mildew Resistant, Add	*115.78*	
		For High-Modulus Non-Acid Curing, Add	*66.16*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	794.66	211.22
		For Coloring, Add	*133.97*	
		For 1 Part Mildew Resistant, Add	*130.25*	
		For High-Modulus Non-Acid Curing, Add	*74.43*	
07 92 13 00-0015	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,120.80	229.59
		For Coloring, Add	*238.18*	
		For 1 Part Mildew Resistant, Add	*231.56*	
		For High-Modulus Non-Acid Curing, Add	*132.32*	

07 92 13 00-0016 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0017	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	315.03	146.93
07 92 13 00-0018	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	334.74	151.53
07 92 13 00-0019	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	354.45	156.12
07 92 13 00-0020	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	359.73	156.12
07 92 13 00-0021	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	384.85	160.72
07 92 13 00-0022	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	409.86	165.32
07 92 13 00-0023	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	443.99	174.49
07 92 13 00-0024	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	415.14	165.32
07 92 13 00-0025	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	472.98	183.68
07 92 13 00-0026	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	512.49	192.87
07 92 13 00-0027	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	551.95	202.04
07 92 13 00-0028	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	582.24	206.62
07 92 13 00-0029	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	612.64	211.22
07 92 13 00-0030	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	797.19	229.59

07 92 13 00-0031 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0032	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	325.61	146.93
07 92 13 00-0033	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	350.62	152.45
07 92 13 00-0034	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	375.63	156.12

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0035		CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	383.56	156.12
07 92 13 00-0036		CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	416.61	160.72
07 92 13 00-0037		CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	449.57	165.32
07 92 13 00-0038		CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	491.64	174.49
07 92 13 00-0039		CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	457.50	165.32
07 92 13 00-0040		CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	525.92	183.68
07 92 13 00-0041		CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	576.03	192.87
07 92 13 00-0042		CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	626.07	202.04
07 92 13 00-0043		CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	666.96	206.62
07 92 13 00-0044		CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	707.94	211.22
07 92 13 00-0045		CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	839.76	229.59
07 92 13 00-0046			Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0047		CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	328.62	146.93
07 92 13 00-0048		CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	355.15	153.37
07 92 13 00-0049		CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	381.66	156.12
07 92 13 00-0050		CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	390.34	156.12
07 92 13 00-0051		CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	425.67	160.72
07 92 13 00-0052		CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	460.89	165.32
07 92 13 00-0053		CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	505.22	174.49
07 92 13 00-0054		CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	469.57	165.32
07 92 13 00-0055		CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	541.02	183.68
07 92 13 00-0056		CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	594.13	192.87
07 92 13 00-0057		CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	647.20	202.04
07 92 13 00-0058		CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	691.09	206.62
07 92 13 00-0059		CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	735.10	211.22
07 92 13 00-0060		CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	875.97	229.59
07 92 13 00-0061			Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0062		CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	335.99	146.93
07 92 13 00-0063		CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	366.19	152.45
07 92 13 00-0064		CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	396.38	156.12
07 92 13 00-0065		CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	406.91	156.12
07 92 13 00-0066		CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	447.74	160.72
07 92 13 00-0067		CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	488.48	165.32
07 92 13 00-0068		CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	538.34	174.49
07 92 13 00-0069		CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	499.01	165.32
07 92 13 00-0070		CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	577.81	183.68
07 92 13 00-0071		CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	638.29	192.87
07 92 13 00-0072		CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	698.71	202.04
07 92 13 00-0073		CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	749.97	206.62
07 92 13 00-0074		CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	801.33	211.22
07 92 13 00-0075		CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	964.29	229.59

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002		CLF	1/4" x 1/4" Joint, Acoustical Sealant	301.65	137.76
			For Coloring, Add	*9.42*	
			For 1 Part Mildew Resistant, Add	*9.16*	
			For High-Modulus Non-Acid Curing, Add	*5.23*	
07 92 19 00-0003		CLF	1/4" x 3/8" Joint, Acoustical Sealant	330.00	146.93
			For Coloring, Add	*13.00*	
			For 1 Part Mildew Resistant, Add	*12.64*	
			For High-Modulus Non-Acid Curing, Add	*7.22*	
07 92 19 00-0004		CLF	1/4" x 1/2" Joint, Acoustical Sealant	354.16	156.12
			For Coloring, Add	*15.11*	
			For 1 Part Mildew Resistant, Add	*14.69*	
			For High-Modulus Non-Acid Curing, Add	*8.39*	
07 92 19 00-0005		CLF	3/8" x 3/8" Joint, Acoustical Sealant	370.41	156.12
			For Coloring, Add	*20.96*	
			For 1 Part Mildew Resistant, Add	*20.37*	
			For High-Modulus Non-Acid Curing, Add	*11.64*	
07 92 19 00-0006		CLF	3/8" x 1/2" Joint, Acoustical Sealant	396.59	160.72
			For Coloring, Add	*27.04*	
			For 1 Part Mildew Resistant, Add	*26.29*	
			For High-Modulus Non-Acid Curing, Add	*15.02*	
07 92 19 00-0007		CLF	1/2" x 1/2" Joint, Acoustical Sealant	436.48	165.32
			For Coloring, Add	*38.10*	
			For 1 Part Mildew Resistant, Add	*37.04*	
			For High-Modulus Non-Acid Curing, Add	*21.17*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 13-0003	LF	Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type	35.70	5.05
07 95 13 13-0004	LF	Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type	63.90	5.05
07 95 13 13-0005	LF	Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type	70.51	5.05
07 95 13 13-0006		With 2" Space *(07 95 13 13-0001)*		
07 95 13 13-0007	LF	Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type	42.47	5.05
07 95 13 13-0008	LF	Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type	77.81	5.05
07 95 13 13-0009	LF	Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type	94.69	5.05
07 95 13 13-0010		Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*		
07 95 13 13-0011		With 1" Space *(07 95 13 13-0010)*		
07 95 13 13-0012	LF	Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	28.93	5.05
07 95 13 13-0013	LF	Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	49.99	5.05
07 95 13 13-0014	LF	Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	58.42	5.05
07 95 13 13-0015		With 2" Space *(07 95 13 13-0010)*		
07 95 13 13-0016	LF	Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	32.99	5.05
07 95 13 13-0017	LF	Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	56.94	5.05
07 95 13 13-0018	LF	Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	70.51	5.05
07 95 13 16		**Exterior Expansion Joint Cover Assemblies** ***(07 95 13)***		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*		
07 95 13 16-0002		Roof To Roof *(07 95 13 16-0001)*		
07 95 13 16-0003	LF	Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies	36.13	3.37
07 95 13 16-0004	LF	Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies	41.83	3.37
07 95 13 16-0005	LF	Exterior Roof To Roof Expansion Joint, 3" Opening Aluminum Assemblies	45.76	3.37
07 95 13 16-0006		Roof To Wall *(07 95 13 16-0001)*		
07 95 13 16-0007	LF	Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies	29.85	3.37
07 95 13 16-0008	LF	Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies	36.82	3.37
07 95 13 16-0009		Flat Wall To Wall *(07 95 13 16-0001)*		
07 95 13 16-0010	LF	Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	23.79	3.37
07 95 13 16-0011	LF	Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	27.98	3.37
07 95 13 16-0012	LF	Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies	33.03	3.37
07 95 13 16-0013		Corner To Flat Wall *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	23.68	3.37
07 95 13 16-0015	LF	Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	26.47	3.37
07 95 13 16-0016	LF	Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies	34.31	3.37

END OF SECTION 07

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation And Maintenance Of Openings *(08)*

08 01 10 Operation And Maintenance Of Doors And Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 61 Metal Doors And Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*

Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	SF	Patch Small Drill Holes	6.80
08 01 11 61-0003	LF	Patch Deep Scrapes Or Cuts In Doors	34.01
08 01 11 61-0004	IN	Patch Holes Larger Than Normal Drill Holes (By Diameter Of Holes)	10.20

08 01 50 Operation And Maintenance Of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	9.98
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	27.46
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	29.83
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	18.97
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	17.46
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window Note: Channel, spiral or coil balance.	20.91
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window Including The Removal And Replacement Of Wooden Stops And/Or Casing Note: Channel, spiral or coil balance.	66.85
		For Replacing Two Balances In One Window, Deduct	*-25.36*

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 00-0001 Glazing Compound Repair *(08 01 81)*

08 01 81 00-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing	4.36

08 05 Common Work Results For Openings *(08)*

08 05 13 Door Options And Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	75.17
		For 9/16" To 1-1/16" Glazing Pocket, Add	*37.59*
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	95.15
		For 9/16" To 1-1/16" Glazing Pocket, Add	*47.58*
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	110.37
		For 9/16" To 1-1/16" Glazing Pocket, Add	*55.19*
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	140.82
		For 9/16" To 1-1/16" Glazing Pocket, Add	*70.41*
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	182.68
		For 9/16" To 1-1/16" Glazing Pocket, Add	*91.34*
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	233.11
		For 9/16" To 1-1/16" Glazing Pocket, Add	*116.56*
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	247.38
		For 9/16" To 1-1/16" Glazing Pocket, Add	*123.69*
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	160.20
		For 9/16" To 1-1/16" Glazing Pocket, Add	*34.17*
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	187.56
		For 9/16" To 1-1/16" Glazing Pocket, Add	*43.25*
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	210.59
		For 9/16" To 1-1/16" Glazing Pocket, Add	*50.17*
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	247.45
		For 9/16" To 1-1/16" Glazing Pocket, Add	*64.01*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	294.70	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*83.04*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	349.73	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*105.96*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	371.88	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*112.45*	

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	93.24	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	104.66	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	138.92	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	220.74	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	292.10	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	363.46	
08 05 13 00-0023	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	413.89	
08 05 13 00-0024	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	162.14	
08 05 13 00-0025	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	180.45	
08 05 13 00-0026	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	221.60	
08 05 13 00-0027	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	310.31	
08 05 13 00-0028	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	388.56	
08 05 13 00-0029	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	466.81	
08 05 13 00-0030	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	524.14	

08 05 13 00-0031 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0032	EA	Prepare Existing Wood Door (Rated) For Mortise Hardware Note: Requires door to be taken off site for UL certification.	169.90	
08 05 13 00-0033	EA	Prepare Existing Wood Door (Non Rated) For Mortise Hardware	78.07	
08 05 13 00-0034	EA	Prepare Existing Wood Door (Rated) For Cylindrical Hardware Note: Requires door to be taken off site for UL certification.	137.76	
08 05 13 00-0035	EA	Prepare Existing Wood Door (Non Rated) For Cylindrical Hardware	22.95	
08 05 13 00-0036	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	252.58	
08 05 13 00-0037	EA	Prepare Existing Wood Door (Non Rated) For Concealed Vertical Rod	160.72	
08 05 13 00-0038	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	169.90	
08 05 13 00-0039	EA	Prepare Existing Door (Non Rated) For Electric Hardware	78.07	

08 05 13 00-0040 Door Modifications *(08 05 13)*

08 05 13 00-0041	EA	For Factory Installed Sound Proofing (STC 28) In Metal Door, Add	67.45	
08 05 13 00-0042	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	16.71	
08 05 13 00-0043	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	82.68	
08 05 13 00-0044	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	41.64	
08 05 13 00-0045	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door, blank hinge plates, continuous hinge, blank strike plate, new strike plate and reinstallation of door.	926.59	
08 05 13 00-0046	EA	Removal And Reinstallation Of Door	78.09	
08 05 13 00-0047	EA	Removal And Reinstallation Of Metal Door Frame	153.12	
08 05 13 00-0048	EA	Removal And Reinstallation Of Wood Door Frame	92.52	
08 05 13 00-0049	EA	For Factory Installed Fire Bottom Seal In Wood Door, Add	82.28	
08 05 13 00-0050	EA	For Factory Installed Fire Bottom Seal In Steel Door, Add	100.79	

08 10 Doors And Frames *(08)*

08 11 Metal Doors And Frames *(08 10)*

08 11 63 Metal Screen And Storm Doors And Frames *(08 11)*

08 11 63 13 Steel Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	575.93	126.32
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	585.16	130.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	754.50	130.92

08 11 63 23 Aluminum Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	404.74	73.50
		For Special Finished, Add	*26.52*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	419.65	73.50
08 11 63 23-0004	EA	Aluminum Screen Door	200.66	45.92
08 11 63 23-0005	SF	Repair Screen Door	6.15	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door *(08 11 73)*

Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,164.77	421.02
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,328.68	421.02
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,599.20	421.02
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,897.54	421.02

08 12 Metal Frames *(08 10)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	239.87	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*15.31*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*12.25*	
		For Type 304 Stainless Steel Frame, Add	*190.60*	
		For Type 316 Stainless Steel Frame, Add	*221.22*	
		For Baked Enamel Finish, Add	*51.29*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-10.21*	
		For 14 Gauge Frame, Add	*25.52*	
		For 12 Gauge Frame, Add	*38.78*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	273.09	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.23*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*14.58*	
		For Type 304 Stainless Steel Frame, Add	*226.28*	
		For Type 316 Stainless Steel Frame, Add	*262.73*	
		For Baked Enamel Finish, Add	*59.19*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.15*	
		For 14 Gauge Frame, Add	*30.38*	
		For 12 Gauge Frame, Add	*46.17*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	284.21	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.52*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*14.81*	
		For Type 304 Stainless Steel Frame, Add	*230.23*	
		For Type 316 Stainless Steel Frame, Add	*267.26*	
		For Baked Enamel Finish, Add	*61.15*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.34*	
		For 14 Gauge Frame, Add	*30.86*	
		For 12 Gauge Frame, Add	*46.91*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	297.99	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.52*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*14.81*	
		For Type 304 Stainless Steel Frame, Add	*230.92*	
		For Type 316 Stainless Steel Frame, Add	*267.95*	
		For Baked Enamel Finish, Add	*63.21*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.34*	
		For 14 Gauge Frame, Add	*30.86*	
		For 12 Gauge Frame, Add	*46.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	304.54	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.81*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*15.05*	
		For Type 304 Stainless Steel Frame, Add	*234.66*	
		For Type 316 Stainless Steel Frame, Add	*272.28*	
		For Baked Enamel Finish, Add	*64.49*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.54*	
		For 14 Gauge Frame, Add	*31.35*	
		For 12 Gauge Frame, Add	*47.65*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	311.07	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*19.10*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*15.28*	
		For Type 304 Stainless Steel Frame, Add	*238.38*	
		For Type 316 Stainless Steel Frame, Add	*276.58*	
		For Baked Enamel Finish, Add	*65.76*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.73*	
		For 14 Gauge Frame, Add	*31.83*	
		For 12 Gauge Frame, Add	*48.39*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	329.01	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.41*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.33*	
		For Type 304 Stainless Steel Frame, Add	*254.59*	
		For Type 316 Stainless Steel Frame, Add	*295.41*	
		For Baked Enamel Finish, Add	*69.76*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.61*	
		For 14 Gauge Frame, Add	*34.02*	
		For 12 Gauge Frame, Add	*51.71*	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	338.19	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.41*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.33*	
		For Type 304 Stainless Steel Frame, Add	*255.05*	
		For Type 316 Stainless Steel Frame, Add	*295.87*	
		For Baked Enamel Finish, Add	*71.14*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.61*	
		For 14 Gauge Frame, Add	*34.02*	
		For 12 Gauge Frame, Add	*51.71*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	352.24	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.14*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.91*	
		For Type 304 Stainless Steel Frame, Add	*264.26*	
		For Type 316 Stainless Steel Frame, Add	*306.54*	
		For Baked Enamel Finish, Add	*73.98*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.09*	
		For 14 Gauge Frame, Add	*35.24*	
		For 12 Gauge Frame, Add	*53.56*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	366.29	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.87*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*17.50*	
		For Type 304 Stainless Steel Frame, Add	*273.46*	
		For Type 316 Stainless Steel Frame, Add	*317.20*	
		For Baked Enamel Finish, Add	*76.81*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.58*	
		For 14 Gauge Frame, Add	*36.45*	
		For 12 Gauge Frame, Add	*55.40*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	375.47	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.87*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*17.50*	
		For Type 304 Stainless Steel Frame, Add	*273.92*	
		For Type 316 Stainless Steel Frame, Add	*317.66*	
		For Baked Enamel Finish, Add	*78.19*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.58*	
		For 14 Gauge Frame, Add	*36.45*	
		For 12 Gauge Frame, Add	*55.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	382.50	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.23*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*17.79*	
		For Type 304 Stainless Steel Frame, Add	*278.53*	
		For Type 316 Stainless Steel Frame, Add	*323.00*	
		For Baked Enamel Finish, Add	*79.61*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.82*	
		For 14 Gauge Frame, Add	*37.06*	
		For 12 Gauge Frame, Add	*56.33*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	389.52	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.60*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.08*	
		For Type 304 Stainless Steel Frame, Add	*283.13*	
		For Type 316 Stainless Steel Frame, Add	*328.33*	
		For Baked Enamel Finish, Add	*81.03*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.07*	
		For 14 Gauge Frame, Add	*37.67*	
		For 12 Gauge Frame, Add	*57.25*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	403.83	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.06*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.25*	
		For Type 304 Stainless Steel Frame, Add	*300.86*	
		For Type 316 Stainless Steel Frame, Add	*348.97*	
		For Baked Enamel Finish, Add	*84.63*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.04*	
		For 14 Gauge Frame, Add	*40.10*	
		For 12 Gauge Frame, Add	*60.94*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	418.15	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.52*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.41*	
		For Type 304 Stainless Steel Frame, Add	*318.58*	
		For Type 316 Stainless Steel Frame, Add	*369.61*	
		For Baked Enamel Finish, Add	*88.24*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-17.01*	
		For 14 Gauge Frame, Add	*42.53*	
		For 12 Gauge Frame, Add	*64.64*	

08 12 13 13-0018 >7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	251.21	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.01*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*13.61*	
		For Type 304 Stainless Steel Frame, Add	*211.01*	
		For Type 316 Stainless Steel Frame, Add	*245.03*	
		For Baked Enamel Finish, Add	*54.69*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-11.34*	
		For 14 Gauge Frame, Add	*28.35*	
		For 12 Gauge Frame, Add	*43.09*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	286.59	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.25*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.20*	
		For Type 304 Stainless Steel Frame, Add	*250.58*	
		For Type 316 Stainless Steel Frame, Add	*291.08*	
		For Baked Enamel Finish, Add	*63.24*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.50*	
		For 14 Gauge Frame, Add	*33.75*	
		For 12 Gauge Frame, Add	*51.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	297.93	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.46*	
		For Type 304 Stainless Steel Frame, Add	*254.93*	
		For Type 316 Stainless Steel Frame, Add	*296.07*	
		For Baked Enamel Finish, Add	*65.26*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.72*	
		For 14 Gauge Frame, Add	*34.29*	
		For 12 Gauge Frame, Add	*52.12*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	311.71	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.46*	
		For Type 304 Stainless Steel Frame, Add	*255.62*	
		For Type 316 Stainless Steel Frame, Add	*296.76*	
		For Baked Enamel Finish, Add	*67.33*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.72*	
		For 14 Gauge Frame, Add	*34.29*	
		For 12 Gauge Frame, Add	*52.12*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	318.47	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.72*	
		For Type 304 Stainless Steel Frame, Add	*259.73*	
		For Type 316 Stainless Steel Frame, Add	*301.53*	
		For Baked Enamel Finish, Add	*68.67*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.93*	
		For 14 Gauge Frame, Add	*34.83*	
		For 12 Gauge Frame, Add	*52.94*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	325.22	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.22*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.98*	
		For Type 304 Stainless Steel Frame, Add	*263.85*	
		For Type 316 Stainless Steel Frame, Add	*306.30*	
		For Baked Enamel Finish, Add	*70.01*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.15*	
		For 14 Gauge Frame, Add	*35.37*	
		For 12 Gauge Frame, Add	*53.76*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	344.13	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.68*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.14*	
		For Type 304 Stainless Steel Frame, Add	*281.81*	
		For Type 316 Stainless Steel Frame, Add	*327.17*	
		For Baked Enamel Finish, Add	*74.30*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.12*	
		For 14 Gauge Frame, Add	*37.80*	
		For 12 Gauge Frame, Add	*57.46*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	353.31	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.68*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.14*	
		For Type 304 Stainless Steel Frame, Add	*282.27*	
		For Type 316 Stainless Steel Frame, Add	*327.63*	
		For Baked Enamel Finish, Add	*75.68*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.12*	
		For 14 Gauge Frame, Add	*37.80*	
		For 12 Gauge Frame, Add	*57.46*	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	367.90	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.49*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.79*	
		For Type 304 Stainless Steel Frame, Add	*292.45*	
		For Type 316 Stainless Steel Frame, Add	*339.43*	
		For Baked Enamel Finish, Add	*78.68*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.66*	
		For 14 Gauge Frame, Add	*39.15*	
		For 12 Gauge Frame, Add	*59.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	382.49	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.30*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.44*	
		For Type 304 Stainless Steel Frame, Add	*302.62*	
		For Type 316 Stainless Steel Frame, Add	*351.22*	
		For Baked Enamel Finish, Add	*81.67*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.20*	
		For 14 Gauge Frame, Add	*40.50*	
		For 12 Gauge Frame, Add	*61.56*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	391.67	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.30*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.44*	
		For Type 304 Stainless Steel Frame, Add	*303.08*	
		For Type 316 Stainless Steel Frame, Add	*351.68*	
		For Baked Enamel Finish, Add	*83.05*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.20*	
		For 14 Gauge Frame, Add	*40.50*	
		For 12 Gauge Frame, Add	*61.56*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	398.97	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.71*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.76*	
		For Type 304 Stainless Steel Frame, Add	*308.17*	
		For Type 316 Stainless Steel Frame, Add	*357.58*	
		For Baked Enamel Finish, Add	*84.55*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.47*	
		For 14 Gauge Frame, Add	*41.18*	
		For 12 Gauge Frame, Add	*62.59*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.26	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.11*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.09*	
		For Type 304 Stainless Steel Frame, Add	*313.26*	
		For Type 316 Stainless Steel Frame, Add	*363.48*	
		For Baked Enamel Finish, Add	*86.05*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.74*	
		For 14 Gauge Frame, Add	*41.85*	
		For 12 Gauge Frame, Add	*63.61*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	421.65	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.73*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.38*	
		For Type 304 Stainless Steel Frame, Add	*332.93*	
		For Type 316 Stainless Steel Frame, Add	*386.39*	
		For Baked Enamel Finish, Add	*89.98*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-17.82*	
		For 14 Gauge Frame, Add	*44.55*	
		For 12 Gauge Frame, Add	*67.72*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	437.05	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.35*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*22.68*	
		For Type 304 Stainless Steel Frame, Add	*352.60*	
		For Type 316 Stainless Steel Frame, Add	*409.30*	
		For Baked Enamel Finish, Add	*93.91*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.90*	
		For 14 Gauge Frame, Add	*47.25*	
		For 12 Gauge Frame, Add	*71.82*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	251.21	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*17.01*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*13.61*	
		For Type 304 Stainless Steel Frame, Add	*211.01*	
		For Type 316 Stainless Steel Frame, Add	*245.03*	
		For Baked Enamel Finish, Add	*54.69*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-11.34*	
		For 14 Gauge Frame, Add	*28.35*	
		For 12 Gauge Frame, Add	*43.09*	
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	286.59	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.25*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.20*	
		For Type 304 Stainless Steel Frame, Add	*250.58*	
		For Type 316 Stainless Steel Frame, Add	*291.08*	
		For Baked Enamel Finish, Add	*63.24*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.50*	
		For 14 Gauge Frame, Add	*33.75*	
		For 12 Gauge Frame, Add	*51.30*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	297.93	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.46*	
		For Type 304 Stainless Steel Frame, Add	*254.93*	
		For Type 316 Stainless Steel Frame, Add	*296.07*	
		For Baked Enamel Finish, Add	*65.26*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.72*	
		For 14 Gauge Frame, Add	*34.29*	
		For 12 Gauge Frame, Add	*52.12*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	311.71	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.46*	
		For Type 304 Stainless Steel Frame, Add	*255.62*	
		For Type 316 Stainless Steel Frame, Add	*296.76*	
		For Baked Enamel Finish, Add	*67.33*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.72*	
		For 14 Gauge Frame, Add	*34.29*	
		For 12 Gauge Frame, Add	*52.12*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	318.47	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*20.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.72*	
		For Type 304 Stainless Steel Frame, Add	*259.73*	
		For Type 316 Stainless Steel Frame, Add	*301.53*	
		For Baked Enamel Finish, Add	*68.67*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-13.93*	
		For 14 Gauge Frame, Add	*34.83*	
		For 12 Gauge Frame, Add	*52.94*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	325.22	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*21.22*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*16.98*	
		For Type 304 Stainless Steel Frame, Add	*263.85*	
		For Type 316 Stainless Steel Frame, Add	*306.30*	
		For Baked Enamel Finish, Add	*70.01*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-14.15*	
		For 14 Gauge Frame, Add	*35.37*	
		For 12 Gauge Frame, Add	*53.76*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	344.13	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.68*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.14*	
		For Type 304 Stainless Steel Frame, Add	*281.81*	
		For Type 316 Stainless Steel Frame, Add	*327.17*	
		For Baked Enamel Finish, Add	*74.30*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.12*	
		For 14 Gauge Frame, Add	*37.80*	
		For 12 Gauge Frame, Add	*57.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	353.31	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.68*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.14*	
		For Type 304 Stainless Steel Frame, Add	*282.27*	
		For Type 316 Stainless Steel Frame, Add	*327.63*	
		For Baked Enamel Finish, Add	*75.68*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.12*	
		For 14 Gauge Frame, Add	*37.80*	
		For 12 Gauge Frame, Add	*57.46*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	367.90	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.49*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.79*	
		For Type 304 Stainless Steel Frame, Add	*292.45*	
		For Type 316 Stainless Steel Frame, Add	*339.43*	
		For Baked Enamel Finish, Add	*78.68*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.66*	
		For 14 Gauge Frame, Add	*39.15*	
		For 12 Gauge Frame, Add	*59.51*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	382.49	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.30*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.44*	
		For Type 304 Stainless Steel Frame, Add	*302.62*	
		For Type 316 Stainless Steel Frame, Add	*351.22*	
		For Baked Enamel Finish, Add	*81.67*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.20*	
		For 14 Gauge Frame, Add	*40.50*	
		For 12 Gauge Frame, Add	*61.56*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	391.67	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.30*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.44*	
		For Type 304 Stainless Steel Frame, Add	*303.08*	
		For Type 316 Stainless Steel Frame, Add	*351.68*	
		For Baked Enamel Finish, Add	*83.05*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.20*	
		For 14 Gauge Frame, Add	*40.50*	
		For 12 Gauge Frame, Add	*61.56*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	398.97	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*24.71*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*19.76*	
		For Type 304 Stainless Steel Frame, Add	*308.17*	
		For Type 316 Stainless Steel Frame, Add	*357.58*	
		For Baked Enamel Finish, Add	*84.55*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.47*	
		For 14 Gauge Frame, Add	*41.18*	
		For 12 Gauge Frame, Add	*62.59*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.26	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.11*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.09*	
		For Type 304 Stainless Steel Frame, Add	*313.26*	
		For Type 316 Stainless Steel Frame, Add	*363.48*	
		For Baked Enamel Finish, Add	*86.05*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.74*	
		For 14 Gauge Frame, Add	*41.85*	
		For 12 Gauge Frame, Add	*63.61*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	421.65	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.73*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.38*	
		For Type 304 Stainless Steel Frame, Add	*332.93*	
		For Type 316 Stainless Steel Frame, Add	*386.39*	
		For Baked Enamel Finish, Add	*89.98*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-17.82*	
		For 14 Gauge Frame, Add	*44.55*	
		For 12 Gauge Frame, Add	*67.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	437.05	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.35*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*22.68*	
		For Type 304 Stainless Steel Frame, Add	*352.60*	
		For Type 316 Stainless Steel Frame, Add	*409.30*	
		For Baked Enamel Finish, Add	*93.91*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.90*	
		For 14 Gauge Frame, Add	*47.25*	
		For 12 Gauge Frame, Add	*71.82*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	263.81	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*18.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*15.12*	
		For Type 304 Stainless Steel Frame, Add	*233.69*	
		For Type 316 Stainless Steel Frame, Add	*271.49*	
		For Baked Enamel Finish, Add	*58.47*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-12.60*	
		For 14 Gauge Frame, Add	*31.50*	
		For 12 Gauge Frame, Add	*47.88*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	301.59	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.50*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.00*	
		For Type 304 Stainless Steel Frame, Add	*277.58*	
		For Type 316 Stainless Steel Frame, Add	*322.58*	
		For Baked Enamel Finish, Add	*67.74*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.00*	
		For 14 Gauge Frame, Add	*37.50*	
		For 12 Gauge Frame, Add	*57.00*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	313.17	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.86*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.29*	
		For Type 304 Stainless Steel Frame, Add	*282.36*	
		For Type 316 Stainless Steel Frame, Add	*328.08*	
		For Baked Enamel Finish, Add	*69.84*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.24*	
		For 14 Gauge Frame, Add	*38.10*	
		For 12 Gauge Frame, Add	*57.91*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	326.95	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.86*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.29*	
		For Type 304 Stainless Steel Frame, Add	*283.05*	
		For Type 316 Stainless Steel Frame, Add	*328.77*	
		For Baked Enamel Finish, Add	*71.90*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.24*	
		For 14 Gauge Frame, Add	*38.10*	
		For 12 Gauge Frame, Add	*57.91*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	333.95	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.22*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.58*	
		For Type 304 Stainless Steel Frame, Add	*287.60*	
		For Type 316 Stainless Steel Frame, Add	*334.04*	
		For Baked Enamel Finish, Add	*73.31*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.48*	
		For 14 Gauge Frame, Add	*38.70*	
		For 12 Gauge Frame, Add	*58.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	340.94	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*23.58*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*18.86*	
		For Type 304 Stainless Steel Frame, Add	*292.15*	
		For Type 316 Stainless Steel Frame, Add	*339.31*	
		For Baked Enamel Finish, Add	*74.72*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-15.72*	
		For 14 Gauge Frame, Add	*39.30*	
		For 12 Gauge Frame, Add	*59.74*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	360.93	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.20*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.16*	
		For Type 304 Stainless Steel Frame, Add	*312.05*	
		For Type 316 Stainless Steel Frame, Add	*362.45*	
		For Baked Enamel Finish, Add	*79.34*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.80*	
		For 14 Gauge Frame, Add	*42.00*	
		For 12 Gauge Frame, Add	*63.84*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	370.11	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.20*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.16*	
		For Type 304 Stainless Steel Frame, Add	*312.51*	
		For Type 316 Stainless Steel Frame, Add	*362.91*	
		For Baked Enamel Finish, Add	*80.72*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-16.80*	
		For 14 Gauge Frame, Add	*42.00*	
		For 12 Gauge Frame, Add	*63.84*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	385.30	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.10*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*20.88*	
		For Type 304 Stainless Steel Frame, Add	*323.77*	
		For Type 316 Stainless Steel Frame, Add	*375.97*	
		For Baked Enamel Finish, Add	*83.90*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-17.40*	
		For 14 Gauge Frame, Add	*43.50*	
		For 12 Gauge Frame, Add	*66.12*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	400.49	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.00*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.60*	
		For Type 304 Stainless Steel Frame, Add	*335.02*	
		For Type 316 Stainless Steel Frame, Add	*389.02*	
		For Baked Enamel Finish, Add	*87.07*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.00*	
		For 14 Gauge Frame, Add	*45.00*	
		For 12 Gauge Frame, Add	*68.40*	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	409.67	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.00*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.60*	
		For Type 304 Stainless Steel Frame, Add	*335.48*	
		For Type 316 Stainless Steel Frame, Add	*389.48*	
		For Baked Enamel Finish, Add	*88.45*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.00*	
		For 14 Gauge Frame, Add	*45.00*	
		For 12 Gauge Frame, Add	*68.40*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	417.27	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.45*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.96*	
		For Type 304 Stainless Steel Frame, Add	*341.11*	
		For Type 316 Stainless Steel Frame, Add	*396.01*	
		For Baked Enamel Finish, Add	*90.04*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.30*	
		For 14 Gauge Frame, Add	*45.75*	
		For 12 Gauge Frame, Add	*69.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	424.86	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*22.32*	
		For Type 304 Stainless Steel Frame, Add	*346.74*	
		For Type 316 Stainless Steel Frame, Add	*402.54*	
		For Baked Enamel Finish, Add	*91.63*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-18.60*	
		For 14 Gauge Frame, Add	*46.50*	
		For 12 Gauge Frame, Add	*70.68*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	441.45	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.70*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*23.76*	
		For Type 304 Stainless Steel Frame, Add	*368.57*	
		For Type 316 Stainless Steel Frame, Add	*427.97*	
		For Baked Enamel Finish, Add	*95.92*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-19.80*	
		For 14 Gauge Frame, Add	*49.50*	
		For 12 Gauge Frame, Add	*75.24*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	458.05	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.50*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*25.20*	
		For Type 304 Stainless Steel Frame, Add	*390.40*	
		For Type 316 Stainless Steel Frame, Add	*453.40*	
		For Baked Enamel Finish, Add	*100.21*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-21.00*	
		For 14 Gauge Frame, Add	*52.50*	
		For 12 Gauge Frame, Add	*79.80*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	317.33	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.93*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*21.54*	
		For Type 304 Stainless Steel Frame, Add	*330.03*	
		For Type 316 Stainless Steel Frame, Add	*383.88*	
		For Baked Enamel Finish, Add	*74.53*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-17.95*	
		For 14 Gauge Frame, Add	*44.88*	
		For 12 Gauge Frame, Add	*68.22*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	365.31	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.06*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*25.65*	
		For Type 304 Stainless Steel Frame, Add	*392.28*	
		For Type 316 Stainless Steel Frame, Add	*456.39*	
		For Baked Enamel Finish, Add	*86.85*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-21.37*	
		For 14 Gauge Frame, Add	*53.43*	
		For 12 Gauge Frame, Add	*81.21*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	377.91	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*26.06*	
		For Type 304 Stainless Steel Frame, Add	*398.89*	
		For Type 316 Stainless Steel Frame, Add	*464.03*	
		For Baked Enamel Finish, Add	*89.26*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-21.71*	
		For 14 Gauge Frame, Add	*54.29*	
		For 12 Gauge Frame, Add	*82.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	391.69	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*26.06*	
		For Type 304 Stainless Steel Frame, Add	*399.58*	
		For Type 316 Stainless Steel Frame, Add	*464.72*	
		For Baked Enamel Finish, Add	*91.32*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-21.71*	
		For 14 Gauge Frame, Add	*54.29*	
		For 12 Gauge Frame, Add	*82.51*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	399.71	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.08*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*26.47*	
		For Type 304 Stainless Steel Frame, Add	*405.97*	
		For Type 316 Stainless Steel Frame, Add	*472.13*	
		For Baked Enamel Finish, Add	*93.04*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-22.06*	
		For 14 Gauge Frame, Add	*55.14*	
		For 12 Gauge Frame, Add	*83.81*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	407.72	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.60*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*26.88*	
		For Type 304 Stainless Steel Frame, Add	*412.35*	
		For Type 316 Stainless Steel Frame, Add	*479.55*	
		For Baked Enamel Finish, Add	*94.76*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-22.40*	
		For 14 Gauge Frame, Add	*56.00*	
		For 12 Gauge Frame, Add	*85.11*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	432.30	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.91*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.72*	
		For Type 304 Stainless Steel Frame, Add	*440.51*	
		For Type 316 Stainless Steel Frame, Add	*512.32*	
		For Baked Enamel Finish, Add	*100.75*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.94*	
		For 14 Gauge Frame, Add	*59.84*	
		For 12 Gauge Frame, Add	*90.96*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	441.48	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.91*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.72*	
		For Type 304 Stainless Steel Frame, Add	*440.97*	
		For Type 316 Stainless Steel Frame, Add	*512.78*	
		For Baked Enamel Finish, Add	*102.13*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.94*	
		For 14 Gauge Frame, Add	*59.84*	
		For 12 Gauge Frame, Add	*90.96*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	459.21	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.19*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.75*	
		For Type 304 Stainless Steel Frame, Add	*456.80*	
		For Type 316 Stainless Steel Frame, Add	*531.18*	
		For Baked Enamel Finish, Add	*106.07*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.79*	
		For 14 Gauge Frame, Add	*61.98*	
		For 12 Gauge Frame, Add	*94.21*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	476.95	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.47*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.78*	
		For Type 304 Stainless Steel Frame, Add	*472.65*	
		For Type 316 Stainless Steel Frame, Add	*549.59*	
		For Baked Enamel Finish, Add	*110.01*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.65*	
		For 14 Gauge Frame, Add	*64.12*	
		For 12 Gauge Frame, Add	*97.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.13	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.47*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.78*	
		For Type 304 Stainless Steel Frame, Add	*473.11*	
		For Type 316 Stainless Steel Frame, Add	*550.05*	
		For Baked Enamel Finish, Add	*111.39*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.65*	
		For 14 Gauge Frame, Add	*64.12*	
		For 12 Gauge Frame, Add	*97.45*	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	495.01	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.11*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.29*	
		For Type 304 Stainless Steel Frame, Add	*481.05*	
		For Type 316 Stainless Steel Frame, Add	*559.27*	
		For Baked Enamel Finish, Add	*113.36*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.07*	
		For 14 Gauge Frame, Add	*65.19*	
		For 12 Gauge Frame, Add	*99.08*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	503.87	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.75*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.80*	
		For Type 304 Stainless Steel Frame, Add	*488.96*	
		For Type 316 Stainless Steel Frame, Add	*568.46*	
		For Baked Enamel Finish, Add	*115.33*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.50*	
		For 14 Gauge Frame, Add	*66.25*	
		For 12 Gauge Frame, Add	*100.70*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	525.56	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.32*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.85*	
		For Type 304 Stainless Steel Frame, Add	*519.97*	
		For Type 316 Stainless Steel Frame, Add	*604.60*	
		For Baked Enamel Finish, Add	*121.15*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.21*	
		For 14 Gauge Frame, Add	*70.53*	
		For 12 Gauge Frame, Add	*107.20*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	547.26	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.88*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.91*	
		For Type 304 Stainless Steel Frame, Add	*550.98*	
		For Type 316 Stainless Steel Frame, Add	*640.74*	
		For Baked Enamel Finish, Add	*126.97*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.92*	
		For 14 Gauge Frame, Add	*74.80*	
		For 12 Gauge Frame, Add	*113.70*	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	337.28	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.92*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*23.94*	
		For Type 304 Stainless Steel Frame, Add	*365.94*	
		For Type 316 Stainless Steel Frame, Add	*425.78*	
		For Baked Enamel Finish, Add	*80.51*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-19.95*	
		For 14 Gauge Frame, Add	*49.87*	
		For 12 Gauge Frame, Add	*75.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	389.06	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.62*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.50*	
		For Type 304 Stainless Steel Frame, Add	*435.03*	
		For Type 316 Stainless Steel Frame, Add	*506.27*	
		For Baked Enamel Finish, Add	*93.98*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.75*	
		For 14 Gauge Frame, Add	*59.37*	
		For 12 Gauge Frame, Add	*90.24*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	402.04	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.19*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.95*	
		For Type 304 Stainless Steel Frame, Add	*442.32*	
		For Type 316 Stainless Steel Frame, Add	*514.71*	
		For Baked Enamel Finish, Add	*96.50*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.13*	
		For 14 Gauge Frame, Add	*60.32*	
		For 12 Gauge Frame, Add	*91.68*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	415.82	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.19*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.95*	
		For Type 304 Stainless Steel Frame, Add	*443.01*	
		For Type 316 Stainless Steel Frame, Add	*515.39*	
		For Baked Enamel Finish, Add	*98.56*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.13*	
		For 14 Gauge Frame, Add	*60.32*	
		For 12 Gauge Frame, Add	*91.68*	
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	424.22	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.76*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.41*	
		For Type 304 Stainless Steel Frame, Add	*450.08*	
		For Type 316 Stainless Steel Frame, Add	*523.60*	
		For Baked Enamel Finish, Add	*100.39*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.51*	
		For 14 Gauge Frame, Add	*61.27*	
		For 12 Gauge Frame, Add	*93.13*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	432.60	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.33*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.86*	
		For Type 304 Stainless Steel Frame, Add	*457.14*	
		For Type 316 Stainless Steel Frame, Add	*531.79*	
		For Baked Enamel Finish, Add	*102.22*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.89*	
		For 14 Gauge Frame, Add	*62.22*	
		For 12 Gauge Frame, Add	*94.57*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	458.89	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.92*	
		For Type 304 Stainless Steel Frame, Add	*488.37*	
		For Type 316 Stainless Steel Frame, Add	*568.16*	
		For Baked Enamel Finish, Add	*108.73*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.60*	
		For 14 Gauge Frame, Add	*66.49*	
		For 12 Gauge Frame, Add	*101.06*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	468.07	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.92*	
		For Type 304 Stainless Steel Frame, Add	*488.83*	
		For Type 316 Stainless Steel Frame, Add	*568.62*	
		For Baked Enamel Finish, Add	*110.10*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.60*	
		For 14 Gauge Frame, Add	*66.49*	
		For 12 Gauge Frame, Add	*101.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	486.76	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.32*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.06*	
		For Type 304 Stainless Steel Frame, Add	*506.39*	
		For Type 316 Stainless Steel Frame, Add	*589.03*	
		For Baked Enamel Finish, Add	*114.33*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.55*	
		For 14 Gauge Frame, Add	*68.87*	
		For 12 Gauge Frame, Add	*104.67*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	505.45	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.74*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.20*	
		For Type 304 Stainless Steel Frame, Add	*523.95*	
		For Type 316 Stainless Steel Frame, Add	*609.44*	
		For Baked Enamel Finish, Add	*118.56*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.50*	
		For 14 Gauge Frame, Add	*71.24*	
		For 12 Gauge Frame, Add	*108.28*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.63	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.74*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.20*	
		For Type 304 Stainless Steel Frame, Add	*524.41*	
		For Type 316 Stainless Steel Frame, Add	*609.90*	
		For Baked Enamel Finish, Add	*119.94*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.50*	
		For 14 Gauge Frame, Add	*71.24*	
		For 12 Gauge Frame, Add	*108.28*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	523.98	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.46*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.77*	
		For Type 304 Stainless Steel Frame, Add	*533.19*	
		For Type 316 Stainless Steel Frame, Add	*620.10*	
		For Baked Enamel Finish, Add	*122.05*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.97*	
		For 14 Gauge Frame, Add	*72.43*	
		For 12 Gauge Frame, Add	*110.09*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	533.32	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.17*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.34*	
		For Type 304 Stainless Steel Frame, Add	*541.97*	
		For Type 316 Stainless Steel Frame, Add	*630.31*	
		For Baked Enamel Finish, Add	*124.17*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.45*	
		For 14 Gauge Frame, Add	*73.62*	
		For 12 Gauge Frame, Add	*111.89*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.90	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.02*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*37.61*	
		For Type 304 Stainless Steel Frame, Add	*576.38*	
		For Type 316 Stainless Steel Frame, Add	*670.42*	
		For Baked Enamel Finish, Add	*130.55*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-31.35*	
		For 14 Gauge Frame, Add	*78.36*	
		For 12 Gauge Frame, Add	*119.11*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	580.50	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.87*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*39.89*	
		For Type 304 Stainless Steel Frame, Add	*610.81*	
		For Type 316 Stainless Steel Frame, Add	*710.55*	
		For Baked Enamel Finish, Add	*136.94*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-33.25*	
		For 14 Gauge Frame, Add	*83.11*	
		For 12 Gauge Frame, Add	*126.33*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0100		6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*		
08 12 13 13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*		
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	330.80	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.95*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*23.16*	
		For Type 304 Stainless Steel Frame, Add	*354.27*	
		For Type 316 Stainless Steel Frame, Add	*412.17*	
		For Baked Enamel Finish, Add	*78.57*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-19.30*	
		For 14 Gauge Frame, Add	*48.25*	
		For 12 Gauge Frame, Add	*73.34*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	381.34	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.46*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*27.57*	
		For Type 304 Stainless Steel Frame, Add	*421.13*	
		For Type 316 Stainless Steel Frame, Add	*490.05*	
		For Baked Enamel Finish, Add	*91.66*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-22.98*	
		For 14 Gauge Frame, Add	*57.44*	
		For 12 Gauge Frame, Add	*87.31*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	394.19	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.01*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.01*	
		For Type 304 Stainless Steel Frame, Add	*428.19*	
		For Type 316 Stainless Steel Frame, Add	*498.22*	
		For Baked Enamel Finish, Add	*94.14*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.34*	
		For 14 Gauge Frame, Add	*58.36*	
		For 12 Gauge Frame, Add	*88.70*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	407.97	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.01*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.01*	
		For Type 304 Stainless Steel Frame, Add	*428.88*	
		For Type 316 Stainless Steel Frame, Add	*498.91*	
		For Baked Enamel Finish, Add	*96.21*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.34*	
		For 14 Gauge Frame, Add	*58.36*	
		For 12 Gauge Frame, Add	*88.70*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	416.25	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.57*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.45*	
		For Type 304 Stainless Steel Frame, Add	*435.74*	
		For Type 316 Stainless Steel Frame, Add	*506.87*	
		For Baked Enamel Finish, Add	*98.00*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-23.71*	
		For 14 Gauge Frame, Add	*59.28*	
		For 12 Gauge Frame, Add	*90.10*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	424.52	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.12*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.89*	
		For Type 304 Stainless Steel Frame, Add	*442.59*	
		For Type 316 Stainless Steel Frame, Add	*514.83*	
		For Baked Enamel Finish, Add	*99.80*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.08*	
		For 14 Gauge Frame, Add	*60.20*	
		For 12 Gauge Frame, Add	*91.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	450.25	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.60*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.88*	
		For Type 304 Stainless Steel Frame, Add	*472.82*	
		For Type 316 Stainless Steel Frame, Add	*550.02*	
		For Baked Enamel Finish, Add	*106.14*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.73*	
		For 14 Gauge Frame, Add	*64.33*	
		For 12 Gauge Frame, Add	*97.78*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	459.43	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.60*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.88*	
		For Type 304 Stainless Steel Frame, Add	*473.28*	
		For Type 316 Stainless Steel Frame, Add	*550.48*	
		For Baked Enamel Finish, Add	*107.51*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.73*	
		For 14 Gauge Frame, Add	*64.33*	
		For 12 Gauge Frame, Add	*97.78*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	477.81	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.98*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.98*	
		For Type 304 Stainless Steel Frame, Add	*490.28*	
		For Type 316 Stainless Steel Frame, Add	*570.24*	
		For Baked Enamel Finish, Add	*111.65*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.65*	
		For 14 Gauge Frame, Add	*66.63*	
		For 12 Gauge Frame, Add	*101.27*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	496.19	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.36*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.08*	
		For Type 304 Stainless Steel Frame, Add	*507.28*	
		For Type 316 Stainless Steel Frame, Add	*589.99*	
		For Baked Enamel Finish, Add	*115.78*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.57*	
		For 14 Gauge Frame, Add	*68.93*	
		For 12 Gauge Frame, Add	*104.77*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	505.37	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.36*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.08*	
		For Type 304 Stainless Steel Frame, Add	*507.74*	
		For Type 316 Stainless Steel Frame, Add	*590.45*	
		For Baked Enamel Finish, Add	*117.16*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.57*	
		For 14 Gauge Frame, Add	*68.93*	
		For 12 Gauge Frame, Add	*104.77*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.56	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.04*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.63*	
		For Type 304 Stainless Steel Frame, Add	*516.24*	
		For Type 316 Stainless Steel Frame, Add	*600.32*	
		For Baked Enamel Finish, Add	*119.23*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.03*	
		For 14 Gauge Frame, Add	*70.07*	
		For 12 Gauge Frame, Add	*106.51*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	523.75	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.73*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.19*	
		For Type 304 Stainless Steel Frame, Add	*524.75*	
		For Type 316 Stainless Steel Frame, Add	*610.21*	
		For Baked Enamel Finish, Add	*121.30*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.49*	
		For 14 Gauge Frame, Add	*71.22*	
		For 12 Gauge Frame, Add	*108.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	546.72	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*45.49*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*36.39*	
		For Type 304 Stainless Steel Frame, Add	*558.06*	
		For Type 316 Stainless Steel Frame, Add	*649.04*	
		For Baked Enamel Finish, Add	*127.50*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-30.33*	
		For 14 Gauge Frame, Add	*75.82*	
		For 12 Gauge Frame, Add	*115.24*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.70	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.25*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*38.60*	
		For Type 304 Stainless Steel Frame, Add	*591.37*	
		For Type 316 Stainless Steel Frame, Add	*687.87*	
		For Baked Enamel Finish, Add	*133.70*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-32.17*	
		For 14 Gauge Frame, Add	*80.41*	
		For 12 Gauge Frame, Add	*122.23*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	352.24	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.16*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*25.73*	
		For Type 304 Stainless Steel Frame, Add	*392.86*	
		For Type 316 Stainless Steel Frame, Add	*457.19*	
		For Baked Enamel Finish, Add	*85.00*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-21.44*	
		For 14 Gauge Frame, Add	*53.61*	
		For 12 Gauge Frame, Add	*81.48*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	406.87	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.29*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.63*	
		For Type 304 Stainless Steel Frame, Add	*467.08*	
		For Type 316 Stainless Steel Frame, Add	*543.67*	
		For Baked Enamel Finish, Add	*99.32*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.53*	
		For 14 Gauge Frame, Add	*63.82*	
		For 12 Gauge Frame, Add	*97.01*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	420.13	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.12*	
		For Type 304 Stainless Steel Frame, Add	*474.89*	
		For Type 316 Stainless Steel Frame, Add	*552.69*	
		For Baked Enamel Finish, Add	*101.92*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.94*	
		For 14 Gauge Frame, Add	*64.84*	
		For 12 Gauge Frame, Add	*98.56*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	433.91	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.90*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.12*	
		For Type 304 Stainless Steel Frame, Add	*475.58*	
		For Type 316 Stainless Steel Frame, Add	*553.38*	
		For Baked Enamel Finish, Add	*103.99*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.94*	
		For 14 Gauge Frame, Add	*64.84*	
		For 12 Gauge Frame, Add	*98.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	442.60	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.52*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*31.61*	
		For Type 304 Stainless Steel Frame, Add	*483.17*	
		For Type 316 Stainless Steel Frame, Add	*562.20*	
		For Baked Enamel Finish, Add	*105.91*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.35*	
		For 14 Gauge Frame, Add	*65.86*	
		For 12 Gauge Frame, Add	*100.11*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	451.27	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.13*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.10*	
		For Type 304 Stainless Steel Frame, Add	*490.74*	
		For Type 316 Stainless Steel Frame, Add	*571.00*	
		For Baked Enamel Finish, Add	*107.82*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.75*	
		For 14 Gauge Frame, Add	*66.88*	
		For 12 Gauge Frame, Add	*101.66*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	478.84	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.31*	
		For Type 304 Stainless Steel Frame, Add	*524.28*	
		For Type 316 Stainless Steel Frame, Add	*610.06*	
		For Baked Enamel Finish, Add	*114.71*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.59*	
		For 14 Gauge Frame, Add	*71.48*	
		For 12 Gauge Frame, Add	*108.65*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	488.02	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.31*	
		For Type 304 Stainless Steel Frame, Add	*524.74*	
		For Type 316 Stainless Steel Frame, Add	*610.52*	
		For Baked Enamel Finish, Add	*116.09*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.59*	
		For 14 Gauge Frame, Add	*71.48*	
		For 12 Gauge Frame, Add	*108.65*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	507.42	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.42*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.53*	
		For Type 304 Stainless Steel Frame, Add	*543.58*	
		For Type 316 Stainless Steel Frame, Add	*632.42*	
		For Baked Enamel Finish, Add	*120.53*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.61*	
		For 14 Gauge Frame, Add	*74.03*	
		For 12 Gauge Frame, Add	*112.53*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	526.82	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*45.95*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*36.76*	
		For Type 304 Stainless Steel Frame, Add	*562.42*	
		For Type 316 Stainless Steel Frame, Add	*654.32*	
		For Baked Enamel Finish, Add	*124.97*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-30.63*	
		For 14 Gauge Frame, Add	*76.58*	
		For 12 Gauge Frame, Add	*116.41*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	536.00	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*45.95*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*36.76*	
		For Type 304 Stainless Steel Frame, Add	*562.88*	
		For Type 316 Stainless Steel Frame, Add	*654.78*	
		For Baked Enamel Finish, Add	*126.35*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-30.63*	
		For 14 Gauge Frame, Add	*76.58*	
		For 12 Gauge Frame, Add	*116.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	545.71	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.72*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*37.37*	
		For Type 304 Stainless Steel Frame, Add	*572.31*	
		For Type 316 Stainless Steel Frame, Add	*665.74*	
		For Baked Enamel Finish, Add	*128.57*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-31.14*	
		For 14 Gauge Frame, Add	*77.86*	
		For 12 Gauge Frame, Add	*118.35*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	555.40	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.48*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*37.98*	
		For Type 304 Stainless Steel Frame, Add	*581.72*	
		For Type 316 Stainless Steel Frame, Add	*676.68*	
		For Baked Enamel Finish, Add	*130.79*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-31.65*	
		For 14 Gauge Frame, Add	*79.14*	
		For 12 Gauge Frame, Add	*120.29*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	580.41	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.54*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*40.44*	
		For Type 304 Stainless Steel Frame, Add	*618.70*	
		For Type 316 Stainless Steel Frame, Add	*719.79*	
		For Baked Enamel Finish, Add	*137.61*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-33.70*	
		For 14 Gauge Frame, Add	*84.24*	
		For 12 Gauge Frame, Add	*128.04*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	605.44	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.61*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*42.89*	
		For Type 304 Stainless Steel Frame, Add	*655.70*	
		For Type 316 Stainless Steel Frame, Add	*762.92*	
		For Baked Enamel Finish, Add	*144.42*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-35.74*	
		For 14 Gauge Frame, Add	*89.35*	
		For 12 Gauge Frame, Add	*135.81*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	339.78	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.30*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*24.24*	
		For Type 304 Stainless Steel Frame, Add	*370.44*	
		For Type 316 Stainless Steel Frame, Add	*431.03*	
		For Baked Enamel Finish, Add	*81.26*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-20.20*	
		For 14 Gauge Frame, Add	*50.49*	
		For 12 Gauge Frame, Add	*76.75*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	392.02	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.06*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*28.85*	
		For Type 304 Stainless Steel Frame, Add	*440.35*	
		For Type 316 Stainless Steel Frame, Add	*512.48*	
		For Baked Enamel Finish, Add	*94.87*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.04*	
		For 14 Gauge Frame, Add	*60.11*	
		For 12 Gauge Frame, Add	*91.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	405.05	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.64*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.31*	
		For Type 304 Stainless Steel Frame, Add	*447.74*	
		For Type 316 Stainless Steel Frame, Add	*521.03*	
		For Baked Enamel Finish, Add	*97.40*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.43*	
		For 14 Gauge Frame, Add	*61.07*	
		For 12 Gauge Frame, Add	*92.83*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	418.83	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.64*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.31*	
		For Type 304 Stainless Steel Frame, Add	*448.43*	
		For Type 316 Stainless Steel Frame, Add	*521.72*	
		For Baked Enamel Finish, Add	*99.47*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.43*	
		For 14 Gauge Frame, Add	*61.07*	
		For 12 Gauge Frame, Add	*92.83*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	427.28	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.22*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*29.78*	
		For Type 304 Stainless Steel Frame, Add	*455.59*	
		For Type 316 Stainless Steel Frame, Add	*530.03*	
		For Baked Enamel Finish, Add	*101.31*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-24.81*	
		For 14 Gauge Frame, Add	*62.03*	
		For 12 Gauge Frame, Add	*94.29*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	435.72	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.80*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*30.24*	
		For Type 304 Stainless Steel Frame, Add	*462.75*	
		For Type 316 Stainless Steel Frame, Add	*538.35*	
		For Baked Enamel Finish, Add	*103.16*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-25.20*	
		For 14 Gauge Frame, Add	*63.00*	
		For 12 Gauge Frame, Add	*95.75*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	462.22	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.39*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.31*	
		For Type 304 Stainless Steel Frame, Add	*494.37*	
		For Type 316 Stainless Steel Frame, Add	*575.16*	
		For Baked Enamel Finish, Add	*109.73*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.93*	
		For 14 Gauge Frame, Add	*67.32*	
		For 12 Gauge Frame, Add	*102.33*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	471.40	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.39*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.31*	
		For Type 304 Stainless Steel Frame, Add	*494.83*	
		For Type 316 Stainless Steel Frame, Add	*575.61*	
		For Baked Enamel Finish, Add	*111.10*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.93*	
		For 14 Gauge Frame, Add	*67.32*	
		For 12 Gauge Frame, Add	*102.33*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	490.20	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.84*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.47*	
		For Type 304 Stainless Steel Frame, Add	*512.59*	
		For Type 316 Stainless Steel Frame, Add	*596.26*	
		For Baked Enamel Finish, Add	*115.37*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.89*	
		For 14 Gauge Frame, Add	*69.73*	
		For 12 Gauge Frame, Add	*105.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	509.01	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.28*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.62*	
		For Type 304 Stainless Steel Frame, Add	*530.36*	
		For Type 316 Stainless Steel Frame, Add	*616.92*	
		For Baked Enamel Finish, Add	*119.63*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.85*	
		For 14 Gauge Frame, Add	*72.13*	
		For 12 Gauge Frame, Add	*109.64*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	518.19	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.28*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*34.62*	
		For Type 304 Stainless Steel Frame, Add	*530.82*	
		For Type 316 Stainless Steel Frame, Add	*617.38*	
		For Baked Enamel Finish, Add	*121.01*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.85*	
		For 14 Gauge Frame, Add	*72.13*	
		For 12 Gauge Frame, Add	*109.64*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	527.60	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.00*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.20*	
		For Type 304 Stainless Steel Frame, Add	*539.71*	
		For Type 316 Stainless Steel Frame, Add	*627.71*	
		For Baked Enamel Finish, Add	*123.14*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.33*	
		For 14 Gauge Frame, Add	*73.33*	
		For 12 Gauge Frame, Add	*111.47*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	537.00	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.72*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.78*	
		For Type 304 Stainless Steel Frame, Add	*548.60*	
		For Type 316 Stainless Steel Frame, Add	*638.04*	
		For Baked Enamel Finish, Add	*125.27*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.81*	
		For 14 Gauge Frame, Add	*74.54*	
		For 12 Gauge Frame, Add	*113.29*	
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	560.82	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.61*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*38.08*	
		For Type 304 Stainless Steel Frame, Add	*583.44*	
		For Type 316 Stainless Steel Frame, Add	*678.65*	
		For Baked Enamel Finish, Add	*131.73*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-31.74*	
		For 14 Gauge Frame, Add	*79.34*	
		For 12 Gauge Frame, Add	*120.60*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	584.66	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.49*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*40.39*	
		For Type 304 Stainless Steel Frame, Add	*618.30*	
		For Type 316 Stainless Steel Frame, Add	*719.28*	
		For Baked Enamel Finish, Add	*138.19*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-33.66*	
		For 14 Gauge Frame, Add	*84.15*	
		For 12 Gauge Frame, Add	*127.91*	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	362.22	68.90
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.66*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*26.93*	
		For Type 304 Stainless Steel Frame, Add	*410.83*	
		For Type 316 Stainless Steel Frame, Add	*478.15*	
		For Baked Enamel Finish, Add	*87.99*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-22.44*	
		For 14 Gauge Frame, Add	*56.10*	
		For 12 Gauge Frame, Add	*85.28*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	418.74	75.79
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.07*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.06*	
		For Type 304 Stainless Steel Frame, Add	*488.45*	
		For Type 316 Stainless Steel Frame, Add	*568.59*	
		For Baked Enamel Finish, Add	*102.88*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-26.72*	
		For 14 Gauge Frame, Add	*66.79*	
		For 12 Gauge Frame, Add	*101.52*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	432.19	80.39
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.71*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.57*	
		For Type 304 Stainless Steel Frame, Add	*496.59*	
		For Type 316 Stainless Steel Frame, Add	*578.02*	
		For Baked Enamel Finish, Add	*105.54*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.14*	
		For 14 Gauge Frame, Add	*67.86*	
		For 12 Gauge Frame, Add	*103.14*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	445.97	87.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.71*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*32.57*	
		For Type 304 Stainless Steel Frame, Add	*497.28*	
		For Type 316 Stainless Steel Frame, Add	*578.71*	
		For Baked Enamel Finish, Add	*107.61*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.14*	
		For 14 Gauge Frame, Add	*67.86*	
		For 12 Gauge Frame, Add	*103.14*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	454.85	89.57
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.36*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.08*	
		For Type 304 Stainless Steel Frame, Add	*505.22*	
		For Type 316 Stainless Steel Frame, Add	*587.93*	
		For Baked Enamel Finish, Add	*109.58*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-27.57*	
		For 14 Gauge Frame, Add	*68.93*	
		For 12 Gauge Frame, Add	*104.77*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	463.71	91.87
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.00*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*33.60*	
		For Type 304 Stainless Steel Frame, Add	*513.13*	
		For Type 316 Stainless Steel Frame, Add	*597.12*	
		For Baked Enamel Finish, Add	*111.55*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-28.00*	
		For 14 Gauge Frame, Add	*69.99*	
		For 12 Gauge Frame, Add	*106.39*	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	492.14	96.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.88*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.91*	
		For Type 304 Stainless Steel Frame, Add	*548.22*	
		For Type 316 Stainless Steel Frame, Add	*637.99*	
		For Baked Enamel Finish, Add	*118.70*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.92*	
		For 14 Gauge Frame, Add	*74.80*	
		For 12 Gauge Frame, Add	*113.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	501.32	101.06
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.88*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*35.91*	
		For Type 304 Stainless Steel Frame, Add	*548.68*	
		For Type 316 Stainless Steel Frame, Add	*638.45*	
		For Baked Enamel Finish, Add	*120.08*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-29.92*	
		For 14 Gauge Frame, Add	*74.80*	
		For 12 Gauge Frame, Add	*113.70*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	521.19	105.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.48*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*37.19*	
		For Type 304 Stainless Steel Frame, Add	*568.37*	
		For Type 316 Stainless Steel Frame, Add	*661.33*	
		For Baked Enamel Finish, Add	*124.66*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-30.99*	
		For 14 Gauge Frame, Add	*77.47*	
		For 12 Gauge Frame, Add	*117.76*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.07	110.25
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.09*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*38.47*	
		For Type 304 Stainless Steel Frame, Add	*588.07*	
		For Type 316 Stainless Steel Frame, Add	*684.24*	
		For Baked Enamel Finish, Add	*129.25*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-32.06*	
		For 14 Gauge Frame, Add	*80.15*	
		For 12 Gauge Frame, Add	*121.82*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	550.25	114.84
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.09*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*38.47*	
		For Type 304 Stainless Steel Frame, Add	*588.53*	
		For Type 316 Stainless Steel Frame, Add	*684.70*	
		For Baked Enamel Finish, Add	*130.62*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-32.06*	
		For 14 Gauge Frame, Add	*80.15*	
		For 12 Gauge Frame, Add	*121.82*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	560.19	117.14
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*39.11*	
		For Type 304 Stainless Steel Frame, Add	*598.37*	
		For Type 316 Stainless Steel Frame, Add	*696.15*	
		For Baked Enamel Finish, Add	*132.92*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-32.59*	
		For 14 Gauge Frame, Add	*81.48*	
		For 12 Gauge Frame, Add	*123.85*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	570.13	119.43
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.69*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*39.75*	
		For Type 304 Stainless Steel Frame, Add	*608.23*	
		For Type 316 Stainless Steel Frame, Add	*707.61*	
		For Baked Enamel Finish, Add	*135.21*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-33.13*	
		For 14 Gauge Frame, Add	*82.82*	
		For 12 Gauge Frame, Add	*125.88*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	596.08	121.73
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.89*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*42.32*	
		For Type 304 Stainless Steel Frame, Add	*646.91*	
		For Type 316 Stainless Steel Frame, Add	*752.70*	
		For Baked Enamel Finish, Add	*142.31*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-35.26*	
		For 14 Gauge Frame, Add	*88.16*	
		For 12 Gauge Frame, Add	*134.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	622.06	124.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.10*	
		For Welded Frames, Add	*59.50*	
		For Galvanized Frames, Add	*44.88*	
		For Type 304 Stainless Steel Frame, Add	*685.62*	
		For Type 316 Stainless Steel Frame, Add	*797.82*	
		For Baked Enamel Finish, Add	*149.41*	
		For 3/4 Hour Rating, Add	*36.84*	
		For 1-1/2 Hour Rating, Add	*42.10*	
		For 3 Hour Rating, Add	*52.63*	
		For 18 Gauge Frame, Deduct	*-37.40*	
		For 14 Gauge Frame, Add	*93.50*	
		For 12 Gauge Frame, Add	*142.12*	

08 12 13 13-0166 Sidelights And Transoms *(08 12 13 13)*

08 12 13 13-0167 Fixed Steel Transoms *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	43.88	12.86
		For Movable Frame, Add	*8.78*	
		For 18 Gauge Frame, Deduct	*-1.82*	
		For 14 Gauge Frame, Add	*4.54*	
		For 12 Gauge Frame, Add	*6.90*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	45.70	13.32
		For Movable Frame, Add	*9.14*	
		For 18 Gauge Frame, Deduct	*-1.91*	
		For 14 Gauge Frame, Add	*4.77*	
		For 12 Gauge Frame, Add	*7.24*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	47.58	13.78
		For Movable Frame, Add	*9.52*	
		For 18 Gauge Frame, Deduct	*-2.00*	
		For 14 Gauge Frame, Add	*5.01*	
		For 12 Gauge Frame, Add	*7.61*	

08 12 13 13-0171 Operable Steel Transom Sash *(08 12 13 13-0166)*

Note: Includes hardware.

08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	56.15	12.86
		For 18 Gauge Frame, Deduct	*-3.04*	
		For 14 Gauge Frame, Add	*7.61*	
		For 12 Gauge Frame, Add	*11.56*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	58.60	13.32
		For 18 Gauge Frame, Deduct	*-3.20*	
		For 14 Gauge Frame, Add	*7.99*	
		For 12 Gauge Frame, Add	*12.14*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	61.11	13.78
		For 18 Gauge Frame, Deduct	*-3.36*	
		For 14 Gauge Frame, Add	*8.39*	
		For 12 Gauge Frame, Add	*12.75*	

08 12 13 13-0175 Sidelights, Steel Frame *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	45.24	12.86
		For 18 Gauge Frame, Deduct	*-1.95*	
		For 14 Gauge Frame, Add	*4.88*	
		For 12 Gauge Frame, Add	*7.42*	
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	47.14	13.32
		For 18 Gauge Frame, Deduct	*-2.05*	
		For 14 Gauge Frame, Add	*5.13*	
		For 12 Gauge Frame, Add	*7.79*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	49.07	13.78
		For 18 Gauge Frame, Deduct	*-2.15*	
		For 14 Gauge Frame, Add	*5.38*	
		For 12 Gauge Frame, Add	*8.17*	

08 12 13 13-0179 Sundry Hollow Metal Frame Sections *(08 12 13 13)*

08 12 13 13-0180 16 Gauge, Hollow Metal Frame Vertical Mullions *(08 12 13 13-0179)*

08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	23.76	5.14
		For 18 Gauge Frame, Deduct	*-1.08*	
		For 14 Gauge Frame, Add	*2.71*	
		For 12 Gauge Frame, Add	*4.11*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	24.19	5.14
		For 18 Gauge Frame, Deduct	*-1.13*	
		For 14 Gauge Frame, Add	*2.81*	
		For 12 Gauge Frame, Add	*4.28*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	24.14	5.33
		For 18 Gauge Frame, Deduct	*-1.08*	
		For 14 Gauge Frame, Add	*2.71*	
		For 12 Gauge Frame, Add	*4.11*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	24.81	5.33
		For 18 Gauge Frame, Deduct	*-1.15*	
		For 14 Gauge Frame, Add	*2.87*	
		For 12 Gauge Frame, Add	*4.37*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	24.97	5.42
		For 18 Gauge Frame, Deduct	*-1.14*	
		For 14 Gauge Frame, Add	*2.84*	
		For 12 Gauge Frame, Add	*4.32*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	25.23	5.42
		For 18 Gauge Frame, Deduct	*-1.16*	
		For 14 Gauge Frame, Add	*2.91*	
		For 12 Gauge Frame, Add	*4.42*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0187		16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0179)*		
08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	18.35	5.14
		For 18 Gauge Frame, Deduct	*-0.54*	
		For 14 Gauge Frame, Add	*1.35*	
		For 12 Gauge Frame, Add	*2.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	18.90	5.14
		For 18 Gauge Frame, Deduct	*-0.60*	
		For 14 Gauge Frame, Add	*1.49*	
		For 12 Gauge Frame, Add	*2.26*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	18.73	5.33
		For 18 Gauge Frame, Deduct	*-0.54*	
		For 14 Gauge Frame, Add	*1.35*	
		For 12 Gauge Frame, Add	*2.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	19.28	5.33
		For 18 Gauge Frame, Deduct	*-0.60*	
		For 14 Gauge Frame, Add	*1.49*	
		For 12 Gauge Frame, Add	*2.26*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	19.29	5.42
		For 18 Gauge Frame, Deduct	*-0.57*	
		For 14 Gauge Frame, Add	*1.42*	
		For 12 Gauge Frame, Add	*2.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	19.77	5.42
		For 18 Gauge Frame, Deduct	*-0.62*	
		For 14 Gauge Frame, Add	*1.54*	
		For 12 Gauge Frame, Add	*2.34*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0194		16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0179)*		
08 12 13 13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	519.29	36.01
		For 18 Gauge Frame, Deduct	*-42.93*	
		For 14 Gauge Frame, Add	*107.32*	
		For 12 Gauge Frame, Add	*163.12*	
08 12 13 13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	536.41	36.01
		For 18 Gauge Frame, Deduct	*-44.64*	
		For 14 Gauge Frame, Add	*111.60*	
		For 12 Gauge Frame, Add	*169.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	591.14	37.67
		For 18 Gauge Frame, Deduct	*-49.84*	
		For 14 Gauge Frame, Add	*124.59*	
		For 12 Gauge Frame, Add	*189.37*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	606.43	37.67
		For 18 Gauge Frame, Deduct	*-51.36*	
		For 14 Gauge Frame, Add	*128.41*	
		For 12 Gauge Frame, Add	*195.18*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	682.26	38.58
		For 18 Gauge Frame, Deduct	*-58.58*	
		For 14 Gauge Frame, Add	*146.45*	
		For 12 Gauge Frame, Add	*222.60*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	692.65	38.58
		For 18 Gauge Frame, Deduct	*-59.62*	
		For 14 Gauge Frame, Add	*149.05*	
		For 12 Gauge Frame, Add	*226.55*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	

08 12 13 13-0201 Metal Frames Accessories *(08 12 13 13)*

08 12 13 13-0202	EA	For 1' Extension Of New Door Frame	19.41	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	935.52	50.53
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	935.52	50.53

08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	935.52	50.53
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	935.52	50.53

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.

08 13 13 13-0001 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	350.43	50.53
		For Type 304 Stainless Steel Door, Add	*204.55*	
		For Type 316 Stainless Steel Door, Add	*329.23*	
		For Embossed Panel, Add	*59.85*	
		For Galvanized Steel, Add	*37.41*	
		For Baked Enamel Finish, Add	*135.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.05*	
		For >100, Deduct	*-28.81*	
		For Insulated Door (Polystyrene Core), Add	*24.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*62.34*	
		For Seamless Edge (Welded), Add	*31.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	350.43	50.53
		For Type 304 Stainless Steel Door, Add	*204.55*	
		For Type 316 Stainless Steel Door, Add	*329.23*	
		For Embossed Panel, Add	*59.85*	
		For Galvanized Steel, Add	*37.41*	
		For Baked Enamel Finish, Add	*135.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.05*	
		For >100, Deduct	*-28.81*	
		For Insulated Door (Polystyrene Core), Add	*24.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*62.34*	
		For Seamless Edge (Welded), Add	*31.17*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	360.12	52.83
		For Type 304 Stainless Steel Door, Add	*208.86*	
		For Type 316 Stainless Steel Door, Add	*336.09*	
		For Embossed Panel, Add	*61.07*	
		For Galvanized Steel, Add	*38.17*	
		For Baked Enamel Finish, Add	*139.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.65*	
		For >100, Deduct	*-29.65*	
		For Insulated Door (Polystyrene Core), Add	*25.45*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.62*	
		For Seamless Edge (Welded), Add	*31.81*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	363.91	52.83
		For Type 304 Stainless Steel Door, Add	*211.89*	
		For Type 316 Stainless Steel Door, Add	*341.02*	
		For Embossed Panel, Add	*61.98*	
		For Galvanized Steel, Add	*38.74*	
		For Baked Enamel Finish, Add	*140.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-29.93*	
		For Insulated Door (Polystyrene Core), Add	*25.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*64.57*	
		For Seamless Edge (Welded), Add	*32.28*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	367.73	53.97
		For Type 304 Stainless Steel Door, Add	*213.22*	
		For Type 316 Stainless Steel Door, Add	*343.11*	
		For Embossed Panel, Add	*62.35*	
		For Galvanized Steel, Add	*38.97*	
		For Baked Enamel Finish, Add	*142.70*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-30.28*	
		For Insulated Door (Polystyrene Core), Add	*25.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*64.95*	
		For Seamless Edge (Welded), Add	*32.47*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	371.55	55.12
		For Type 304 Stainless Steel Door, Add	*214.55*	
		For Type 316 Stainless Steel Door, Add	*345.20*	
		For Embossed Panel, Add	*62.71*	
		For Galvanized Steel, Add	*39.20*	
		For Baked Enamel Finish, Add	*144.54*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.33*	
		For >100, Deduct	*-30.62*	
		For Insulated Door (Polystyrene Core), Add	*26.13*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.33*	
		For Seamless Edge (Welded), Add	*32.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	391.30	55.12
		For Type 304 Stainless Steel Door, Add	*230.35*	
		For Type 316 Stainless Steel Door, Add	*370.88*	
		For Embossed Panel, Add	*67.45*	
		For Galvanized Steel, Add	*42.16*	
		For Baked Enamel Finish, Add	*150.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.32*	
		For >100, Deduct	*-32.10*	
		For Insulated Door (Polystyrene Core), Add	*28.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.26*	
		For Seamless Edge (Welded), Add	*35.13*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	403.49	57.42
		For Type 304 Stainless Steel Door, Add	*236.66*	
		For Type 316 Stainless Steel Door, Add	*380.99*	
		For Embossed Panel, Add	*69.28*	
		For Galvanized Steel, Add	*43.30*	
		For Baked Enamel Finish, Add	*155.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.05*	
		For >100, Deduct	*-33.13*	
		For Insulated Door (Polystyrene Core), Add	*28.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.16*	
		For Seamless Edge (Welded), Add	*36.08*	
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	443.06	62.01
		For Type 304 Stainless Steel Door, Add	*261.43*	
		For Type 316 Stainless Steel Door, Add	*420.94*	
		For Embossed Panel, Add	*76.57*	
		For Galvanized Steel, Add	*47.85*	
		For Baked Enamel Finish, Add	*170.13*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.25*	
		For >100, Deduct	*-36.33*	
		For Insulated Door (Polystyrene Core), Add	*31.90*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.76*	
		For Seamless Edge (Welded), Add	*39.88*	
08 13 13 13-0012	PR	Pair 2'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	709.66	100.37
		For Type 304 Stainless Steel Door, Add	*417.18*	
		For Type 316 Stainless Steel Door, Add	*671.65*	
		For Embossed Panel, Add	*122.14*	
		For Galvanized Steel, Add	*76.34*	
		For Baked Enamel Finish, Add	*273.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.50*	
		For >100, Deduct	*-58.24*	
		For Insulated Door (Polystyrene Core), Add	*50.89*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*127.23*	
		For Seamless Edge (Welded), Add	*63.62*	
08 13 13 13-0013	PR	Pair 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	717.26	100.37
		For Type 304 Stainless Steel Door, Add	*423.26*	
		For Type 316 Stainless Steel Door, Add	*681.53*	
		For Embossed Panel, Add	*123.97*	
		For Galvanized Steel, Add	*77.48*	
		For Baked Enamel Finish, Add	*275.40*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.88*	
		For >100, Deduct	*-58.81*	
		For Insulated Door (Polystyrene Core), Add	*51.65*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*129.13*	
		For Seamless Edge (Welded), Add	*64.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0014	PR	Pair 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	698.72	89.57
		For Type 304 Stainless Steel Door, Add	*424.61*	
		For Type 316 Stainless Steel Door, Add	*684.40*	
		For Embossed Panel, Add	*124.70*	
		For Galvanized Steel, Add	*77.94*	
		For Baked Enamel Finish, Add	*263.36*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-56.88*	
		For Insulated Door (Polystyrene Core), Add	*51.96*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*129.89*	
		For Seamless Edge (Welded), Add	*64.95*	
08 13 13 13-0015	PR	Pair 3' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	732.06	104.73
		For Type 304 Stainless Steel Door, Add	*428.55*	
		For Type 316 Stainless Steel Door, Add	*689.85*	
		For Embossed Panel, Add	*125.42*	
		For Galvanized Steel, Add	*78.39*	
		For Baked Enamel Finish, Add	*282.46*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.84*	
		For >100, Deduct	*-60.14*	
		For Insulated Door (Polystyrene Core), Add	*52.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.65*	
		For Seamless Edge (Welded), Add	*65.33*	
08 13 13 13-0016	PR	Pair 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	795.49	109.09
		For Type 304 Stainless Steel Door, Add	*472.75*	
		For Type 316 Stainless Steel Door, Add	*761.40*	
		For Embossed Panel, Add	*138.55*	
		For Galvanized Steel, Add	*86.60*	
		For Baked Enamel Finish, Add	*304.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-45.23*	
		For >100, Deduct	*-65.12*	
		For Insulated Door (Polystyrene Core), Add	*57.73*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.33*	
		For Seamless Edge (Welded), Add	*72.16*	
08 13 13 13-0017	PR	Pair 4' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	873.71	117.82
		For Type 304 Stainless Steel Door, Add	*522.23*	
		For Type 316 Stainless Steel Door, Add	*841.26*	
		For Embossed Panel, Add	*153.13*	
		For Galvanized Steel, Add	*95.71*	
		For Baked Enamel Finish, Add	*332.81*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.58*	
		For >100, Deduct	*-71.42*	
		For Insulated Door (Polystyrene Core), Add	*63.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*159.52*	
		For Seamless Edge (Welded), Add	*79.76*	

08 13 13 13-0018 7' High, 20 Gauge, Unrated, Hollow Metal Door *(08 13 13 13-0001)*

08 13 13 13-0019	EA	2' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	356.96	50.53
		For Type 304 Stainless Steel Door, Add	*209.77*	
		For Type 316 Stainless Steel Door, Add	*337.72*	
		For Embossed Panel, Add	*61.42*	
		For Galvanized Steel, Add	*38.39*	
		For Baked Enamel Finish, Add	*137.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.30*	
		For Insulated Door (Polystyrene Core), Add	*25.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.98*	
		For Seamless Edge (Welded), Add	*31.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0020	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	356.96	50.53
		For Type 304 Stainless Steel Door, Add	*209.77*	
		For Type 316 Stainless Steel Door, Add	*337.72*	
		For Embossed Panel, Add	*61.42*	
		For Galvanized Steel, Add	*38.39*	
		For Baked Enamel Finish, Add	*137.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.30*	
		For Insulated Door (Polystyrene Core), Add	*25.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*63.98*	
		For Seamless Edge (Welded), Add	*31.99*	
08 13 13 13-0021	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	366.78	52.83
		For Type 304 Stainless Steel Door, Add	*214.19*	
		For Type 316 Stainless Steel Door, Add	*344.75*	
		For Embossed Panel, Add	*62.67*	
		For Galvanized Steel, Add	*39.17*	
		For Baked Enamel Finish, Add	*141.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.98*	
		For >100, Deduct	*-30.15*	
		For Insulated Door (Polystyrene Core), Add	*26.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.28*	
		For Seamless Edge (Welded), Add	*32.64*	
08 13 13 13-0022	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	370.68	52.83
		For Type 304 Stainless Steel Door, Add	*217.31*	
		For Type 316 Stainless Steel Door, Add	*349.82*	
		For Embossed Panel, Add	*63.61*	
		For Galvanized Steel, Add	*39.75*	
		For Baked Enamel Finish, Add	*142.90*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.18*	
		For >100, Deduct	*-30.44*	
		For Insulated Door (Polystyrene Core), Add	*26.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*66.26*	
		For Seamless Edge (Welded), Add	*33.13*	
08 13 13 13-0023	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	374.54	53.97
		For Type 304 Stainless Steel Door, Add	*218.67*	
		For Type 316 Stainless Steel Door, Add	*351.96*	
		For Embossed Panel, Add	*63.98*	
		For Galvanized Steel, Add	*39.99*	
		For Baked Enamel Finish, Add	*144.75*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.79*	
		For Insulated Door (Polystyrene Core), Add	*26.66*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*66.65*	
		For Seamless Edge (Welded), Add	*33.32*	
08 13 13 13-0024	EA	3' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	378.40	55.12
		For Type 304 Stainless Steel Door, Add	*220.03*	
		For Type 316 Stainless Steel Door, Add	*354.11*	
		For Embossed Panel, Add	*64.36*	
		For Galvanized Steel, Add	*40.22*	
		For Baked Enamel Finish, Add	*146.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.68*	
		For >100, Deduct	*-31.14*	
		For Insulated Door (Polystyrene Core), Add	*26.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.04*	
		For Seamless Edge (Welded), Add	*33.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0025	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	398.67	55.12
		For Type 304 Stainless Steel Door, Add	*236.25*	
		For Type 316 Stainless Steel Door, Add	*380.46*	
		For Embossed Panel, Add	*69.22*	
		For Galvanized Steel, Add	*43.26*	
		For Baked Enamel Finish, Add	*152.68*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.69*	
		For >100, Deduct	*-32.66*	
		For Insulated Door (Polystyrene Core), Add	*28.84*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.11*	
		For Seamless Edge (Welded), Add	*36.05*	
08 13 13 13-0026	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	411.05	57.42
		For Type 304 Stainless Steel Door, Add	*242.71*	
		For Type 316 Stainless Steel Door, Add	*390.82*	
		For Embossed Panel, Add	*71.09*	
		For Galvanized Steel, Add	*44.43*	
		For Baked Enamel Finish, Add	*157.77*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-33.70*	
		For Insulated Door (Polystyrene Core), Add	*29.62*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*74.05*	
		For Seamless Edge (Welded), Add	*37.03*	
08 13 13 13-0027	EA	4' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	451.42	62.01
		For Type 304 Stainless Steel Door, Add	*268.11*	
		For Type 316 Stainless Steel Door, Add	*431.81*	
		For Embossed Panel, Add	*78.57*	
		For Galvanized Steel, Add	*49.11*	
		For Baked Enamel Finish, Add	*172.64*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.67*	
		For >100, Deduct	*-36.96*	
		For Insulated Door (Polystyrene Core), Add	*32.74*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*81.85*	
		For Seamless Edge (Welded), Add	*40.92*	
08 13 13 13-0028	PR	Pair 2'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	723.00	100.37
		For Type 304 Stainless Steel Door, Add	*427.85*	
		For Type 316 Stainless Steel Door, Add	*688.99*	
		For Embossed Panel, Add	*125.34*	
		For Galvanized Steel, Add	*78.34*	
		For Baked Enamel Finish, Add	*277.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.17*	
		For >100, Deduct	*-59.24*	
		For Insulated Door (Polystyrene Core), Add	*52.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.57*	
		For Seamless Edge (Welded), Add	*65.28*	
08 13 13 13-0029	PR	Pair 2'-8" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	730.79	100.37
		For Type 304 Stainless Steel Door, Add	*434.08*	
		For Type 316 Stainless Steel Door, Add	*699.11*	
		For Embossed Panel, Add	*127.21*	
		For Galvanized Steel, Add	*79.51*	
		For Baked Enamel Finish, Add	*279.46*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.56*	
		For >100, Deduct	*-59.83*	
		For Insulated Door (Polystyrene Core), Add	*53.01*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*132.52*	
		For Seamless Edge (Welded), Add	*66.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0030	PR	Pair 2'-10" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	712.33	89.57
		For Type 304 Stainless Steel Door, Add	*435.50*	
		For Type 316 Stainless Steel Door, Add	*702.09*	
		For Embossed Panel, Add	*127.96*	
		For Galvanized Steel, Add	*79.98*	
		For Baked Enamel Finish, Add	*267.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.10*	
		For >100, Deduct	*-57.90*	
		For Insulated Door (Polystyrene Core), Add	*53.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*133.30*	
		For Seamless Edge (Welded), Add	*66.65*	
08 13 13 13-0031	PR	Pair 3' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	745.76	104.73
		For Type 304 Stainless Steel Door, Add	*439.51*	
		For Type 316 Stainless Steel Door, Add	*707.66*	
		For Embossed Panel, Add	*128.71*	
		For Galvanized Steel, Add	*80.45*	
		For Baked Enamel Finish, Add	*286.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.52*	
		For >100, Deduct	*-61.17*	
		For Insulated Door (Polystyrene Core), Add	*53.63*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*134.08*	
		For Seamless Edge (Welded), Add	*67.04*	
08 13 13 13-0032	PR	Pair 3'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	810.61	109.09
		For Type 304 Stainless Steel Door, Add	*484.85*	
		For Type 316 Stainless Steel Door, Add	*781.06*	
		For Embossed Panel, Add	*142.18*	
		For Galvanized Steel, Add	*88.86*	
		For Baked Enamel Finish, Add	*308.64*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-45.99*	
		For >100, Deduct	*-66.25*	
		For Insulated Door (Polystyrene Core), Add	*59.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*148.11*	
		For Seamless Edge (Welded), Add	*74.05*	
08 13 13 13-0033	PR	Pair 4' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	890.43	117.82
		For Type 304 Stainless Steel Door, Add	*535.61*	
		For Type 316 Stainless Steel Door, Add	*863.00*	
		For Embossed Panel, Add	*157.15*	
		For Galvanized Steel, Add	*98.22*	
		For Baked Enamel Finish, Add	*337.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.41*	
		For >100, Deduct	*-72.67*	
		For Insulated Door (Polystyrene Core), Add	*65.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*163.70*	
		For Seamless Edge (Welded), Add	*81.85*	

08 13 13 13-0034 7'-2" High, 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0035	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	363.31	50.53
		For Type 304 Stainless Steel Door, Add	*214.85*	
		For Type 316 Stainless Steel Door, Add	*345.98*	
		For Embossed Panel, Add	*62.94*	
		For Galvanized Steel, Add	*39.34*	
		For Baked Enamel Finish, Add	*139.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.69*	
		For >100, Deduct	*-29.77*	
		For Insulated Door (Polystyrene Core), Add	*26.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.56*	
		For Seamless Edge (Welded), Add	*32.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0036	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	363.31	50.53
		For Type 304 Stainless Steel Door, Add	*214.85*	
		For Type 316 Stainless Steel Door, Add	*345.98*	
		For Embossed Panel, Add	*62.94*	
		For Galvanized Steel, Add	*39.34*	
		For Baked Enamel Finish, Add	*139.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-20.69*	
		For >100, Deduct	*-29.77*	
		For Insulated Door (Polystyrene Core), Add	*26.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*65.56*	
		For Seamless Edge (Welded), Add	*32.78*	
08 13 13 13-0037	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	373.26	52.83
		For Type 304 Stainless Steel Door, Add	*219.37*	
		For Type 316 Stainless Steel Door, Add	*353.18*	
		For Embossed Panel, Add	*64.23*	
		For Galvanized Steel, Add	*40.14*	
		For Baked Enamel Finish, Add	*143.67*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.30*	
		For >100, Deduct	*-30.64*	
		For Insulated Door (Polystyrene Core), Add	*26.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*66.90*	
		For Seamless Edge (Welded), Add	*33.45*	
08 13 13 13-0038	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	377.25	52.83
		For Type 304 Stainless Steel Door, Add	*222.56*	
		For Type 316 Stainless Steel Door, Add	*358.36*	
		For Embossed Panel, Add	*65.18*	
		For Galvanized Steel, Add	*40.74*	
		For Baked Enamel Finish, Add	*144.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.50*	
		For >100, Deduct	*-30.94*	
		For Insulated Door (Polystyrene Core), Add	*27.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.90*	
		For Seamless Edge (Welded), Add	*33.95*	
08 13 13 13-0039	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	381.15	53.97
		For Type 304 Stainless Steel Door, Add	*223.96*	
		For Type 316 Stainless Steel Door, Add	*360.56*	
		For Embossed Panel, Add	*65.57*	
		For Galvanized Steel, Add	*40.98*	
		For Baked Enamel Finish, Add	*146.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.76*	
		For >100, Deduct	*-31.29*	
		For Insulated Door (Polystyrene Core), Add	*27.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.30*	
		For Seamless Edge (Welded), Add	*34.15*	
08 13 13 13-0040	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	385.05	55.12
		For Type 304 Stainless Steel Door, Add	*225.35*	
		For Type 316 Stainless Steel Door, Add	*362.75*	
		For Embossed Panel, Add	*65.95*	
		For Galvanized Steel, Add	*41.22*	
		For Baked Enamel Finish, Add	*148.59*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.01*	
		For >100, Deduct	*-31.64*	
		For Insulated Door (Polystyrene Core), Add	*27.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.70*	
		For Seamless Edge (Welded), Add	*34.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0041	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	405.82	55.12
		For Type 304 Stainless Steel Door, Add	*241.97*	
		For Type 316 Stainless Steel Door, Add	*389.75*	
		For Embossed Panel, Add	*70.94*	
		For Galvanized Steel, Add	*44.34*	
		For Baked Enamel Finish, Add	*154.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.05*	
		For >100, Deduct	*-33.19*	
		For Insulated Door (Polystyrene Core), Add	*29.56*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.89*	
		For Seamless Edge (Welded), Add	*36.95*	
08 13 13 13-0042	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	418.40	57.42
		For Type 304 Stainless Steel Door, Add	*248.59*	
		For Type 316 Stainless Steel Door, Add	*400.37*	
		For Embossed Panel, Add	*72.85*	
		For Galvanized Steel, Add	*45.53*	
		For Baked Enamel Finish, Add	*159.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-34.25*	
		For Insulated Door (Polystyrene Core), Add	*30.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*75.89*	
		For Seamless Edge (Welded), Add	*37.95*	
08 13 13 13-0043	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	459.54	62.01
		For Type 304 Stainless Steel Door, Add	*274.61*	
		For Type 316 Stainless Steel Door, Add	*442.36*	
		For Embossed Panel, Add	*80.52*	
		For Galvanized Steel, Add	*50.33*	
		For Baked Enamel Finish, Add	*175.07*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.08*	
		For >100, Deduct	*-37.57*	
		For Insulated Door (Polystyrene Core), Add	*33.55*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.88*	
		For Seamless Edge (Welded), Add	*41.94*	
08 13 13 13-0044	PR	Pair 2'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	735.95	100.37
		For Type 304 Stainless Steel Door, Add	*438.21*	
		For Type 316 Stainless Steel Door, Add	*705.82*	
		For Embossed Panel, Add	*128.45*	
		For Galvanized Steel, Add	*80.28*	
		For Baked Enamel Finish, Add	*281.00*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.82*	
		For >100, Deduct	*-60.21*	
		For Insulated Door (Polystyrene Core), Add	*53.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*133.81*	
		For Seamless Edge (Welded), Add	*66.90*	
08 13 13 13-0045	PR	Pair 2'-8" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	743.94	100.37
		For Type 304 Stainless Steel Door, Add	*444.60*	
		For Type 316 Stainless Steel Door, Add	*716.21*	
		For Embossed Panel, Add	*130.37*	
		For Galvanized Steel, Add	*81.48*	
		For Baked Enamel Finish, Add	*283.40*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.22*	
		For >100, Deduct	*-60.81*	
		For Insulated Door (Polystyrene Core), Add	*54.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*135.80*	
		For Seamless Edge (Welded), Add	*67.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0046	PR	Pair 2'-10" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	725.55	89.57
		For Type 304 Stainless Steel Door, Add	*446.08*	
		For Type 316 Stainless Steel Door, Add	*719.28*	
		For Embossed Panel, Add	*131.14*	
		For Galvanized Steel, Add	*81.96*	
		For Baked Enamel Finish, Add	*271.41*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.76*	
		For >100, Deduct	*-58.90*	
		For Insulated Door (Polystyrene Core), Add	*54.64*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*136.60*	
		For Seamless Edge (Welded), Add	*68.30*	
08 13 13 13-0047	PR	Pair 3' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	759.06	104.73
		For Type 304 Stainless Steel Door, Add	*450.15*	
		For Type 316 Stainless Steel Door, Add	*724.95*	
		For Embossed Panel, Add	*131.90*	
		For Galvanized Steel, Add	*82.44*	
		For Baked Enamel Finish, Add	*290.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.19*	
		For >100, Deduct	*-62.17*	
		For Insulated Door (Polystyrene Core), Add	*54.96*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*137.40*	
		For Seamless Edge (Welded), Add	*68.70*	
08 13 13 13-0048	PR	Pair 3'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	825.30	109.09
		For Type 304 Stainless Steel Door, Add	*496.60*	
		For Type 316 Stainless Steel Door, Add	*800.15*	
		For Embossed Panel, Add	*145.71*	
		For Galvanized Steel, Add	*91.07*	
		For Baked Enamel Finish, Add	*313.05*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-46.72*	
		For >100, Deduct	*-67.35*	
		For Insulated Door (Polystyrene Core), Add	*60.71*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*151.78*	
		For Seamless Edge (Welded), Add	*75.89*	
08 13 13 13-0049	PR	Pair 4' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Doors	906.67	117.82
		For Type 304 Stainless Steel Door, Add	*548.60*	
		For Type 316 Stainless Steel Door, Add	*884.11*	
		For Embossed Panel, Add	*161.04*	
		For Galvanized Steel, Add	*100.65*	
		For Baked Enamel Finish, Add	*342.70*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-51.22*	
		For >100, Deduct	*-73.89*	
		For Insulated Door (Polystyrene Core), Add	*67.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*167.76*	
		For Seamless Edge (Welded), Add	*83.88*	

08 13 13 13-0050 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0051 6'-8" High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0050)*

08 13 13 13-0052	GAL	2' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	370.60	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*53.91*	
		For Type 304 Stainless Steel Door, Add	*220.69*	
		For Type 316 Stainless Steel Door, Add	*355.46*	
		For Embossed Panel, Add	*64.69*	
		For Galvanized Steel, Add	*40.43*	
		For Baked Enamel Finish, Add	*141.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-30.32*	
		For 2" Thick Door, Add	*22.07*	
		For Insulated Door (Polystyrene Core), Add	*26.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.39*	
		For Seamless Edge (Welded), Add	*33.69*	
		For Steel Stiffened, Add	*67.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0053	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	370.60	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*53.91*	
		For Type 304 Stainless Steel Door, Add	*220.69*	
		For Type 316 Stainless Steel Door, Add	*355.46*	
		For Embossed Panel, Add	*64.69*	
		For Galvanized Steel, Add	*40.43*	
		For Baked Enamel Finish, Add	*141.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-30.32*	
		For 2" Thick Door, Add	*22.07*	
		For Insulated Door (Polystyrene Core), Add	*26.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*67.39*	
		For Seamless Edge (Welded), Add	*33.69*	
		For Steel Stiffened, Add	*67.39*	
08 13 13 13-0054	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	380.70	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.01*	
		For Type 304 Stainless Steel Door, Add	*225.32*	
		For Type 316 Stainless Steel Door, Add	*362.85*	
		For Embossed Panel, Add	*66.01*	
		For Galvanized Steel, Add	*41.26*	
		For Baked Enamel Finish, Add	*145.91*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.68*	
		For >100, Deduct	*-31.19*	
		For 2" Thick Door, Add	*22.58*	
		For Insulated Door (Polystyrene Core), Add	*27.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.76*	
		For Seamless Edge (Welded), Add	*34.38*	
		For Steel Stiffened, Add	*68.76*	
08 13 13 13-0055	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	384.81	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.83*	
		For Type 304 Stainless Steel Door, Add	*228.61*	
		For Type 316 Stainless Steel Door, Add	*368.19*	
		For Embossed Panel, Add	*67.00*	
		For Galvanized Steel, Add	*41.87*	
		For Baked Enamel Finish, Add	*147.14*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.88*	
		For >100, Deduct	*-31.50*	
		For 2" Thick Door, Add	*22.88*	
		For Insulated Door (Polystyrene Core), Add	*27.92*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*69.79*	
		For Seamless Edge (Welded), Add	*34.90*	
		For Steel Stiffened, Add	*69.79*	
08 13 13 13-0056	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	388.74	53.97
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.16*	
		For Type 304 Stainless Steel Door, Add	*230.03*	
		For Type 316 Stainless Steel Door, Add	*370.42*	
		For Embossed Panel, Add	*67.39*	
		For Galvanized Steel, Add	*42.12*	
		For Baked Enamel Finish, Add	*149.01*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.14*	
		For >100, Deduct	*-31.85*	
		For 2" Thick Door, Add	*23.06*	
		For Insulated Door (Polystyrene Core), Add	*28.08*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.20*	
		For Seamless Edge (Welded), Add	*35.10*	
		For Steel Stiffened, Add	*70.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0057	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	392.69	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.49*	
		For Type 304 Stainless Steel Door, Add	*231.46*	
		For Type 316 Stainless Steel Door, Add	*372.68*	
		For Embossed Panel, Add	*67.79*	
		For Galvanized Steel, Add	*42.37*	
		For Baked Enamel Finish, Add	*150.88*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.39*	
		For >100, Deduct	*-32.21*	
		For 2" Thick Door, Add	*23.23*	
		For Insulated Door (Polystyrene Core), Add	*28.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.61*	
		For Seamless Edge (Welded), Add	*35.31*	
		For Steel Stiffened, Add	*70.61*	
08 13 13 13-0058	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	414.04	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*60.76*	
		For Type 304 Stainless Steel Door, Add	*248.54*	
		For Type 316 Stainless Steel Door, Add	*400.44*	
		For Embossed Panel, Add	*72.91*	
		For Galvanized Steel, Add	*45.57*	
		For Baked Enamel Finish, Add	*157.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.46*	
		For >100, Deduct	*-33.81*	
		For 2" Thick Door, Add	*24.78*	
		For Insulated Door (Polystyrene Core), Add	*30.38*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*75.95*	
		For Seamless Edge (Welded), Add	*37.97*	
		For Steel Stiffened, Add	*75.95*	
08 13 13 13-0059	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	426.84	57.42
		For 18 Gauge, Grade II, Heavy Duty, Add	*62.40*	
		For Type 304 Stainless Steel Door, Add	*255.34*	
		For Type 316 Stainless Steel Door, Add	*411.34*	
		For Embossed Panel, Add	*74.88*	
		For Galvanized Steel, Add	*46.80*	
		For Baked Enamel Finish, Add	*162.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.21*	
		For >100, Deduct	*-34.88*	
		For 2" Thick Door, Add	*25.49*	
		For Insulated Door (Polystyrene Core), Add	*31.20*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*78.00*	
		For Seamless Edge (Welded), Add	*39.00*	
		For Steel Stiffened, Add	*78.00*	
08 13 13 13-0060	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	468.87	62.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*68.97*	
		For Type 304 Stainless Steel Door, Add	*282.07*	
		For Type 316 Stainless Steel Door, Add	*454.49*	
		For Embossed Panel, Add	*82.76*	
		For Galvanized Steel, Add	*51.73*	
		For Baked Enamel Finish, Add	*177.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.54*	
		For >100, Deduct	*-38.27*	
		For 2" Thick Door, Add	*28.10*	
		For Insulated Door (Polystyrene Core), Add	*34.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*86.21*	
		For Seamless Edge (Welded), Add	*43.11*	
		For Steel Stiffened, Add	*86.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0061	PR	Pair 2'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	750.83	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*110.02*	
		For Type 304 Stainless Steel Door, Add	*450.12*	
		For Type 316 Stainless Steel Door, Add	*725.17*	
		For Embossed Panel, Add	*132.02*	
		For Galvanized Steel, Add	*82.52*	
		For Baked Enamel Finish, Add	*285.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.56*	
		For >100, Deduct	*-61.33*	
		For 2" Thick Door, Add	*44.90*	
		For Insulated Door (Polystyrene Core), Add	*55.01*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*137.53*	
		For Seamless Edge (Welded), Add	*68.76*	
		For Steel Stiffened, Add	*137.53*	
08 13 13 13-0062	PR	Pair 2'-8" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	759.05	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*111.66*	
		For Type 304 Stainless Steel Door, Add	*456.69*	
		For Type 316 Stainless Steel Door, Add	*735.85*	
		For Embossed Panel, Add	*134.00*	
		For Galvanized Steel, Add	*83.75*	
		For Baked Enamel Finish, Add	*287.93*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.97*	
		For >100, Deduct	*-61.95*	
		For 2" Thick Door, Add	*45.50*	
		For Insulated Door (Polystyrene Core), Add	*55.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*139.58*	
		For Seamless Edge (Welded), Add	*69.79*	
		For Steel Stiffened, Add	*139.58*	
08 13 13 13-0063	PR	Pair 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	740.75	89.57
		For 18 Gauge, Grade II, Heavy Duty, Add	*112.32*	
		For Type 304 Stainless Steel Door, Add	*458.24*	
		For Type 316 Stainless Steel Door, Add	*739.04*	
		For Embossed Panel, Add	*134.78*	
		For Galvanized Steel, Add	*84.24*	
		For Baked Enamel Finish, Add	*275.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.52*	
		For >100, Deduct	*-60.04*	
		For 2" Thick Door, Add	*45.19*	
		For Insulated Door (Polystyrene Core), Add	*56.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*140.40*	
		For Seamless Edge (Welded), Add	*70.20*	
		For Steel Stiffened, Add	*140.40*	
08 13 13 13-0064	PR	Pair 3' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	774.34	104.73
		For 18 Gauge, Grade II, Heavy Duty, Add	*112.98*	
		For Type 304 Stainless Steel Door, Add	*462.38*	
		For Type 316 Stainless Steel Door, Add	*744.82*	
		For Embossed Panel, Add	*135.57*	
		For Galvanized Steel, Add	*84.73*	
		For Baked Enamel Finish, Add	*295.14*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.95*	
		For >100, Deduct	*-63.31*	
		For 2" Thick Door, Add	*46.19*	
		For Insulated Door (Polystyrene Core), Add	*56.49*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*141.22*	
		For Seamless Edge (Welded), Add	*70.61*	
		For Steel Stiffened, Add	*141.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	PR	Pair 3'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	842.19	109.09
		For 18 Gauge, Grade II, Heavy Duty, Add	*124.80*	
		For Type 304 Stainless Steel Door, Add	*510.11*	
		For Type 316 Stainless Steel Door, Add	*822.11*	
		For Embossed Panel, Add	*149.76*	
		For Galvanized Steel, Add	*93.60*	
		For Baked Enamel Finish, Add	*318.11*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.56*	
		For >100, Deduct	*-68.62*	
		For 2" Thick Door, Add	*50.69*	
		For Insulated Door (Polystyrene Core), Add	*62.40*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*156.00*	
		For Seamless Edge (Welded), Add	*78.00*	
		For Steel Stiffened, Add	*156.00*	
08 13 13 13-0066	PR	Pair 4' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	925.33	117.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*137.94*	
		For Type 304 Stainless Steel Door, Add	*563.53*	
		For Type 316 Stainless Steel Door, Add	*908.37*	
		For Embossed Panel, Add	*165.52*	
		For Galvanized Steel, Add	*103.45*	
		For Baked Enamel Finish, Add	*348.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.16*	
		For >100, Deduct	*-75.29*	
		For 2" Thick Door, Add	*55.89*	
		For Insulated Door (Polystyrene Core), Add	*68.97*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*172.42*	
		For Seamless Edge (Welded), Add	*86.21*	
		For Steel Stiffened, Add	*172.42*	

08 13 13 13-0067 7' High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0050)*

08 13 13 13-0068	EA	2' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	377.00	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.19*	
		For Type 304 Stainless Steel Door, Add	*225.81*	
		For Type 316 Stainless Steel Door, Add	*363.78*	
		For Embossed Panel, Add	*66.23*	
		For Galvanized Steel, Add	*41.39*	
		For Baked Enamel Finish, Add	*143.42*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-30.80*	
		For 2" Thick Door, Add	*22.53*	
		For Insulated Door (Polystyrene Core), Add	*27.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.99*	
		For Seamless Edge (Welded), Add	*34.49*	
		For Steel Stiffened, Add	*68.99*	
08 13 13 13-0069	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	377.00	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*55.19*	
		For Type 304 Stainless Steel Door, Add	*225.81*	
		For Type 316 Stainless Steel Door, Add	*363.78*	
		For Embossed Panel, Add	*66.23*	
		For Galvanized Steel, Add	*41.39*	
		For Baked Enamel Finish, Add	*143.42*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-30.80*	
		For 2" Thick Door, Add	*22.53*	
		For Insulated Door (Polystyrene Core), Add	*27.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*68.99*	
		For Seamless Edge (Welded), Add	*34.49*	
		For Steel Stiffened, Add	*68.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0070	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	387.23	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.32*	
		For Type 304 Stainless Steel Door, Add	*230.55*	
		For Type 316 Stainless Steel Door, Add	*371.34*	
		For Embossed Panel, Add	*67.58*	
		For Galvanized Steel, Add	*42.24*	
		For Baked Enamel Finish, Add	*147.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.68*	
		For 2" Thick Door, Add	*23.06*	
		For Insulated Door (Polystyrene Core), Add	*28.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.40*	
		For Seamless Edge (Welded), Add	*35.20*	
		For Steel Stiffened, Add	*70.40*	
08 13 13 13-0071	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	391.43	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.16*	
		For Type 304 Stainless Steel Door, Add	*233.91*	
		For Type 316 Stainless Steel Door, Add	*376.80*	
		For Embossed Panel, Add	*68.59*	
		For Galvanized Steel, Add	*42.87*	
		For Baked Enamel Finish, Add	*149.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.21*	
		For >100, Deduct	*-32.00*	
		For 2" Thick Door, Add	*23.36*	
		For Insulated Door (Polystyrene Core), Add	*28.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*71.45*	
		For Seamless Edge (Welded), Add	*35.72*	
		For Steel Stiffened, Add	*71.45*	
08 13 13 13-0072	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	395.41	53.97
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.49*	
		For Type 304 Stainless Steel Door, Add	*235.37*	
		For Type 316 Stainless Steel Door, Add	*379.10*	
		For Embossed Panel, Add	*68.99*	
		For Galvanized Steel, Add	*43.12*	
		For Baked Enamel Finish, Add	*151.01*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.47*	
		For >100, Deduct	*-32.35*	
		For 2" Thick Door, Add	*23.54*	
		For Insulated Door (Polystyrene Core), Add	*28.75*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*71.87*	
		For Seamless Edge (Welded), Add	*35.93*	
		For Steel Stiffened, Add	*71.87*	
08 13 13 13-0073	EA	3' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	399.39	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.83*	
		For Type 304 Stainless Steel Door, Add	*236.82*	
		For Type 316 Stainless Steel Door, Add	*381.39*	
		For Embossed Panel, Add	*69.39*	
		For Galvanized Steel, Add	*43.37*	
		For Baked Enamel Finish, Add	*152.89*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.73*	
		For >100, Deduct	*-32.71*	
		For 2" Thick Door, Add	*23.72*	
		For Insulated Door (Polystyrene Core), Add	*28.91*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.29*	
		For Seamless Edge (Welded), Add	*36.14*	
		For Steel Stiffened, Add	*72.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0074	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	421.25	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*62.20*	
		For Type 304 Stainless Steel Door, Add	*254.31*	
		For Type 316 Stainless Steel Door, Add	*409.81*	
		For Embossed Panel, Add	*74.64*	
		For Galvanized Steel, Add	*46.65*	
		For Baked Enamel Finish, Add	*159.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.35*	
		For 2" Thick Door, Add	*25.30*	
		For Insulated Door (Polystyrene Core), Add	*31.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*77.75*	
		For Seamless Edge (Welded), Add	*38.88*	
		For Steel Stiffened, Add	*77.75*	
08 13 13 13-0075	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	434.24	57.42
		For 18 Gauge, Grade II, Heavy Duty, Add	*63.88*	
		For Type 304 Stainless Steel Door, Add	*261.26*	
		For Type 316 Stainless Steel Door, Add	*420.96*	
		For Embossed Panel, Add	*76.66*	
		For Galvanized Steel, Add	*47.91*	
		For Baked Enamel Finish, Add	*164.72*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.58*	
		For >100, Deduct	*-35.44*	
		For 2" Thick Door, Add	*26.03*	
		For Insulated Door (Polystyrene Core), Add	*31.94*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.85*	
		For Seamless Edge (Welded), Add	*39.93*	
		For Steel Stiffened, Add	*79.85*	
08 13 13 13-0076	EA	4' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	477.06	62.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*70.61*	
		For Type 304 Stainless Steel Door, Add	*288.63*	
		For Type 316 Stainless Steel Door, Add	*465.14*	
		For Embossed Panel, Add	*84.73*	
		For Galvanized Steel, Add	*52.95*	
		For Baked Enamel Finish, Add	*180.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.95*	
		For >100, Deduct	*-38.88*	
		For 2" Thick Door, Add	*28.70*	
		For Insulated Door (Polystyrene Core), Add	*35.30*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*88.26*	
		For Seamless Edge (Welded), Add	*44.13*	
		For Steel Stiffened, Add	*88.26*	
08 13 13 13-0077	PR	Pair 2'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	763.89	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*112.63*	
		For Type 304 Stainless Steel Door, Add	*460.56*	
		For Type 316 Stainless Steel Door, Add	*742.14*	
		For Embossed Panel, Add	*135.16*	
		For Galvanized Steel, Add	*84.47*	
		For Baked Enamel Finish, Add	*289.39*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.21*	
		For >100, Deduct	*-62.31*	
		For 2" Thick Door, Add	*45.85*	
		For Insulated Door (Polystyrene Core), Add	*56.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*140.79*	
		For Seamless Edge (Welded), Add	*70.40*	
		For Steel Stiffened, Add	*140.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0078	PR	Pair 2'-8" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	772.29	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*114.31*	
		For Type 304 Stainless Steel Door, Add	*467.28*	
		For Type 316 Stainless Steel Door, Add	*753.06*	
		For Embossed Panel, Add	*137.17*	
		For Galvanized Steel, Add	*85.73*	
		For Baked Enamel Finish, Add	*291.91*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.63*	
		For >100, Deduct	*-62.94*	
		For 2" Thick Door, Add	*46.46*	
		For Insulated Door (Polystyrene Core), Add	*57.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*142.89*	
		For Seamless Edge (Welded), Add	*71.45*	
		For Steel Stiffened, Add	*142.89*	
08 13 13 13-0079	PR	Pair 2'-10" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	754.08	89.57
		For 18 Gauge, Grade II, Heavy Duty, Add	*114.99*	
		For Type 304 Stainless Steel Door, Add	*468.90*	
		For Type 316 Stainless Steel Door, Add	*756.37*	
		For Embossed Panel, Add	*137.98*	
		For Galvanized Steel, Add	*86.24*	
		For Baked Enamel Finish, Add	*279.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.18*	
		For >100, Deduct	*-61.03*	
		For 2" Thick Door, Add	*46.16*	
		For Insulated Door (Polystyrene Core), Add	*57.49*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*143.73*	
		For Seamless Edge (Welded), Add	*71.87*	
		For Steel Stiffened, Add	*143.73*	
08 13 13 13-0080	PR	Pair 3' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	787.75	104.73
		For 18 Gauge, Grade II, Heavy Duty, Add	*115.66*	
		For Type 304 Stainless Steel Door, Add	*473.11*	
		For Type 316 Stainless Steel Door, Add	*762.25*	
		For Embossed Panel, Add	*138.79*	
		For Galvanized Steel, Add	*86.74*	
		For Baked Enamel Finish, Add	*299.16*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-44.62*	
		For >100, Deduct	*-64.32*	
		For 2" Thick Door, Add	*47.16*	
		For Insulated Door (Polystyrene Core), Add	*57.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.57*	
		For Seamless Edge (Welded), Add	*72.29*	
		For Steel Stiffened, Add	*144.57*	
08 13 13 13-0081	PR	Pair 3'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	857.00	109.09
		For 18 Gauge, Grade II, Heavy Duty, Add	*127.76*	
		For Type 304 Stainless Steel Door, Add	*521.96*	
		For Type 316 Stainless Steel Door, Add	*841.36*	
		For Embossed Panel, Add	*153.31*	
		For Galvanized Steel, Add	*95.82*	
		For Baked Enamel Finish, Add	*322.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.30*	
		For >100, Deduct	*-69.73*	
		For 2" Thick Door, Add	*51.77*	
		For Insulated Door (Polystyrene Core), Add	*63.88*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*159.70*	
		For Seamless Edge (Welded), Add	*79.85*	
		For Steel Stiffened, Add	*159.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0082	PR	Pair 4' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	941.70	117.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*141.21*	
		For Type 304 Stainless Steel Door, Add	*576.62*	
		For Type 316 Stainless Steel Door, Add	*929.65*	
		For Embossed Panel, Add	*169.45*	
		For Galvanized Steel, Add	*105.91*	
		For Baked Enamel Finish, Add	*353.21*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.98*	
		For >100, Deduct	*-76.52*	
		For 2" Thick Door, Add	*57.08*	
		For Insulated Door (Polystyrene Core), Add	*70.61*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*176.51*	
		For Seamless Edge (Welded), Add	*88.26*	
		For Steel Stiffened, Add	*176.51*	

08 13 13 13-0083 7'-2" High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0050)*

08 13 13 13-0084	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	383.39	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.47*	
		For Type 304 Stainless Steel Door, Add	*230.92*	
		For Type 316 Stainless Steel Door, Add	*372.08*	
		For Embossed Panel, Add	*67.76*	
		For Galvanized Steel, Add	*42.35*	
		For Baked Enamel Finish, Add	*145.34*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.28*	
		For 2" Thick Door, Add	*23.00*	
		For Insulated Door (Polystyrene Core), Add	*28.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.58*	
		For Seamless Edge (Welded), Add	*35.29*	
		For Steel Stiffened, Add	*70.58*	
08 13 13 13-0085	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	383.39	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*56.47*	
		For Type 304 Stainless Steel Door, Add	*230.92*	
		For Type 316 Stainless Steel Door, Add	*372.08*	
		For Embossed Panel, Add	*67.76*	
		For Galvanized Steel, Add	*42.35*	
		For Baked Enamel Finish, Add	*145.34*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.28*	
		For 2" Thick Door, Add	*23.00*	
		For Insulated Door (Polystyrene Core), Add	*28.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*70.58*	
		For Seamless Edge (Welded), Add	*35.29*	
		For Steel Stiffened, Add	*70.58*	
08 13 13 13-0086	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	393.76	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*57.62*	
		For Type 304 Stainless Steel Door, Add	*235.77*	
		For Type 316 Stainless Steel Door, Add	*379.83*	
		For Embossed Panel, Add	*69.15*	
		For Galvanized Steel, Add	*43.22*	
		For Baked Enamel Finish, Add	*149.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.33*	
		For >100, Deduct	*-32.17*	
		For 2" Thick Door, Add	*23.53*	
		For Insulated Door (Polystyrene Core), Add	*28.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*72.03*	
		For Seamless Edge (Welded), Add	*36.01*	
		For Steel Stiffened, Add	*72.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0087	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	398.06	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*58.48*	
		For Type 304 Stainless Steel Door, Add	*239.21*	
		For Type 316 Stainless Steel Door, Add	*385.42*	
		For Embossed Panel, Add	*70.18*	
		For Galvanized Steel, Add	*43.86*	
		For Baked Enamel Finish, Add	*151.11*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-22.54*	
		For >100, Deduct	*-32.50*	
		For 2" Thick Door, Add	*23.84*	
		For Insulated Door (Polystyrene Core), Add	*29.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.10*	
		For Seamless Edge (Welded), Add	*36.55*	
		For Steel Stiffened, Add	*73.10*	
08 13 13 13-0088	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	406.10	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*59.17*	
		For Type 304 Stainless Steel Door, Add	*242.19*	
		For Type 316 Stainless Steel Door, Add	*390.12*	
		For Embossed Panel, Add	*71.00*	
		For Galvanized Steel, Add	*44.38*	
		For Baked Enamel Finish, Add	*154.91*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-23.06*	
		For >100, Deduct	*-33.21*	
		For 2" Thick Door, Add	*24.21*	
		For Insulated Door (Polystyrene Core), Add	*29.59*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*73.96*	
		For Seamless Edge (Welded), Add	*36.98*	
		For Steel Stiffened, Add	*73.96*	
08 13 13 13-0089	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	428.46	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*63.64*	
		For Type 304 Stainless Steel Door, Add	*260.08*	
		For Type 316 Stainless Steel Door, Add	*419.19*	
		For Embossed Panel, Add	*76.37*	
		For Galvanized Steel, Add	*47.73*	
		For Baked Enamel Finish, Add	*161.61*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.18*	
		For >100, Deduct	*-34.89*	
		For 2" Thick Door, Add	*25.83*	
		For Insulated Door (Polystyrene Core), Add	*31.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*79.55*	
		For Seamless Edge (Welded), Add	*39.78*	
		For Steel Stiffened, Add	*79.55*	
08 13 13 13-0090	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	441.65	57.42
		For 18 Gauge, Grade II, Heavy Duty, Add	*65.36*	
		For Type 304 Stainless Steel Door, Add	*267.19*	
		For Type 316 Stainless Steel Door, Add	*430.60*	
		For Embossed Panel, Add	*78.43*	
		For Galvanized Steel, Add	*49.02*	
		For Baked Enamel Finish, Add	*166.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.95*	
		For >100, Deduct	*-35.99*	
		For 2" Thick Door, Add	*26.56*	
		For Insulated Door (Polystyrene Core), Add	*32.68*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*81.70*	
		For Seamless Edge (Welded), Add	*40.85*	
		For Steel Stiffened, Add	*81.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0091	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	485.24	62.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*72.24*	
		For Type 304 Stainless Steel Door, Add	*295.17*	
		For Type 316 Stainless Steel Door, Add	*475.77*	
		For Embossed Panel, Add	*86.69*	
		For Galvanized Steel, Add	*54.18*	
		For Baked Enamel Finish, Add	*182.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-39.49*	
		For 2" Thick Door, Add	*29.29*	
		For Insulated Door (Polystyrene Core), Add	*36.12*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*90.30*	
		For Seamless Edge (Welded), Add	*45.15*	
		For Steel Stiffened, Add	*90.30*	
08 13 13 13-0092	PR	Pair 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	776.95	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*115.24*	
		For Type 304 Stainless Steel Door, Add	*471.01*	
		For Type 316 Stainless Steel Door, Add	*759.12*	
		For Embossed Panel, Add	*138.29*	
		For Galvanized Steel, Add	*86.43*	
		For Baked Enamel Finish, Add	*293.30*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.87*	
		For >100, Deduct	*-63.29*	
		For 2" Thick Door, Add	*46.79*	
		For Insulated Door (Polystyrene Core), Add	*57.62*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*144.06*	
		For Seamless Edge (Welded), Add	*72.03*	
		For Steel Stiffened, Add	*144.06*	
08 13 13 13-0093	PR	Pair 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	785.55	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*116.96*	
		For Type 304 Stainless Steel Door, Add	*477.89*	
		For Type 316 Stainless Steel Door, Add	*770.30*	
		For Embossed Panel, Add	*140.36*	
		For Galvanized Steel, Add	*87.72*	
		For Baked Enamel Finish, Add	*295.88*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-44.30*	
		For >100, Deduct	*-63.93*	
		For 2" Thick Door, Add	*47.42*	
		For Insulated Door (Polystyrene Core), Add	*58.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*146.21*	
		For Seamless Edge (Welded), Add	*73.10*	
		For Steel Stiffened, Add	*146.21*	
08 13 13 13-0094	PR	Pair 2'-10" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	767.40	89.57
		For 18 Gauge, Grade II, Heavy Duty, Add	*117.65*	
		For Type 304 Stainless Steel Door, Add	*479.56*	
		For Type 316 Stainless Steel Door, Add	*773.68*	
		For Embossed Panel, Add	*141.18*	
		For Galvanized Steel, Add	*88.24*	
		For Baked Enamel Finish, Add	*283.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.85*	
		For >100, Deduct	*-62.03*	
		For 2" Thick Door, Add	*47.13*	
		For Insulated Door (Polystyrene Core), Add	*58.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*147.06*	
		For Seamless Edge (Welded), Add	*73.53*	
		For Steel Stiffened, Add	*147.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0095	PR	Pair 3' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	801.16	104.73
		For 18 Gauge, Grade II, Heavy Duty, Add	*118.34*	
		For Type 304 Stainless Steel Door, Add	*483.83*	
		For Type 316 Stainless Steel Door, Add	*779.68*	
		For Embossed Panel, Add	*142.01*	
		For Galvanized Steel, Add	*88.76*	
		For Baked Enamel Finish, Add	*303.19*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-45.29*	
		For >100, Deduct	*-65.32*	
		For 2" Thick Door, Add	*48.13*	
		For Insulated Door (Polystyrene Core), Add	*59.17*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*147.93*	
		For Seamless Edge (Welded), Add	*73.96*	
		For Steel Stiffened, Add	*147.93*	
08 13 13 13-0096	PR	Pair 3'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	871.81	109.09
		For 18 Gauge, Grade II, Heavy Duty, Add	*130.72*	
		For Type 304 Stainless Steel Door, Add	*533.81*	
		For Type 316 Stainless Steel Door, Add	*860.62*	
		For Embossed Panel, Add	*156.87*	
		For Galvanized Steel, Add	*98.04*	
		For Baked Enamel Finish, Add	*327.00*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.05*	
		For >100, Deduct	*-70.84*	
		For 2" Thick Door, Add	*52.84*	
		For Insulated Door (Polystyrene Core), Add	*65.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*163.41*	
		For Seamless Edge (Welded), Add	*81.70*	
		For Steel Stiffened, Add	*163.41*	
08 13 13 13-0097	PR	Pair 4' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	958.07	117.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*144.48*	
		For Type 304 Stainless Steel Door, Add	*589.72*	
		For Type 316 Stainless Steel Door, Add	*950.93*	
		For Embossed Panel, Add	*173.38*	
		For Galvanized Steel, Add	*108.36*	
		For Baked Enamel Finish, Add	*358.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.79*	
		For >100, Deduct	*-77.75*	
		For 2" Thick Door, Add	*58.27*	
		For Insulated Door (Polystyrene Core), Add	*72.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*180.61*	
		For Seamless Edge (Welded), Add	*90.30*	
		For Steel Stiffened, Add	*180.61*	

08 13 13 13-0098 8' High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0050)*

08 13 13 13-0099	EA	2' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	436.16	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*67.02*	
		For Up To 1' Extra Height, Add	*92.72*	
		For 1' To 1'-6" Extra Height, Add	*176.90*	
		For Type 304 Stainless Steel Door, Add	*273.13*	
		For Type 316 Stainless Steel Door, Add	*440.68*	
		For Embossed Panel, Add	*80.42*	
		For Galvanized Steel, Add	*50.27*	
		For Baked Enamel Finish, Add	*161.17*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.33*	
		For >100, Deduct	*-35.24*	
		For 2" Thick Door, Add	*26.82*	
		For Insulated Door (Polystyrene Core), Add	*33.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.78*	
		For Seamless Edge (Welded), Add	*41.89*	
		For Steel Stiffened, Add	*83.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0100	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	436.16	50.53
		For 18 Gauge, Grade II, Heavy Duty, Add	*67.02*	
		For Up To 1' Extra Height, Add	*92.72*	
		For 1' To 1'-6" Extra Height, Add	*176.90*	
		For Type 304 Stainless Steel Door, Add	*273.13*	
		For Type 316 Stainless Steel Door, Add	*440.68*	
		For Embossed Panel, Add	*80.42*	
		For Galvanized Steel, Add	*50.27*	
		For Baked Enamel Finish, Add	*161.17*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-24.33*	
		For >100, Deduct	*-35.24*	
		For 2" Thick Door, Add	*26.82*	
		For Insulated Door (Polystyrene Core), Add	*33.51*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*83.78*	
		For Seamless Edge (Welded), Add	*41.89*	
		For Steel Stiffened, Add	*83.78*	
08 13 13 13-0101	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	447.60	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*68.39*	
		For Up To 1' Extra Height, Add	*94.62*	
		For 1' To 1'-6" Extra Height, Add	*180.52*	
		For Type 304 Stainless Steel Door, Add	*278.84*	
		For Type 316 Stainless Steel Door, Add	*449.82*	
		For Embossed Panel, Add	*82.07*	
		For Galvanized Steel, Add	*51.29*	
		For Baked Enamel Finish, Add	*165.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-36.21*	
		For 2" Thick Door, Add	*27.43*	
		For Insulated Door (Polystyrene Core), Add	*34.20*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*85.49*	
		For Seamless Edge (Welded), Add	*42.74*	
		For Steel Stiffened, Add	*85.49*	
08 13 13 13-0102	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	452.71	52.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*69.41*	
		For Up To 1' Extra Height, Add	*96.03*	
		For 1' To 1'-6" Extra Height, Add	*183.21*	
		For Type 304 Stainless Steel Door, Add	*282.93*	
		For Type 316 Stainless Steel Door, Add	*456.46*	
		For Embossed Panel, Add	*83.29*	
		For Galvanized Steel, Add	*52.06*	
		For Baked Enamel Finish, Add	*167.51*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.28*	
		For >100, Deduct	*-36.59*	
		For 2" Thick Door, Add	*27.80*	
		For Insulated Door (Polystyrene Core), Add	*34.71*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*86.77*	
		For Seamless Edge (Welded), Add	*43.38*	
		For Steel Stiffened, Add	*86.77*	
08 13 13 13-0103	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	457.05	53.97
		For 18 Gauge, Grade II, Heavy Duty, Add	*69.82*	
		For Up To 1' Extra Height, Add	*96.60*	
		For 1' To 1'-6" Extra Height, Add	*184.29*	
		For Type 304 Stainless Steel Door, Add	*284.68*	
		For Type 316 Stainless Steel Door, Add	*459.23*	
		For Embossed Panel, Add	*83.78*	
		For Galvanized Steel, Add	*52.37*	
		For Baked Enamel Finish, Add	*169.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.55*	
		For >100, Deduct	*-36.98*	
		For 2" Thick Door, Add	*28.01*	
		For Insulated Door (Polystyrene Core), Add	*34.91*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*87.28*	
		For Seamless Edge (Welded), Add	*43.64*	
		For Steel Stiffened, Add	*87.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0104	EA	3' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	461.39	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*70.23*	
		For Up To 1' Extra Height, Add	*97.16*	
		For 1' To 1'-6" Extra Height, Add	*185.37*	
		For Type 304 Stainless Steel Door, Add	*286.42*	
		For Type 316 Stainless Steel Door, Add	*461.99*	
		For Embossed Panel, Add	*84.27*	
		For Galvanized Steel, Add	*52.67*	
		For Baked Enamel Finish, Add	*171.49*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-25.83*	
		For >100, Deduct	*-37.36*	
		For 2" Thick Door, Add	*28.21*	
		For Insulated Door (Polystyrene Core), Add	*35.11*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*87.79*	
		For Seamless Edge (Welded), Add	*43.89*	
		For Steel Stiffened, Add	*87.79*	
08 13 13 13-0105	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	487.93	55.12
		For 18 Gauge, Grade II, Heavy Duty, Add	*75.54*	
		For Up To 1' Extra Height, Add	*104.50*	
		For 1' To 1'-6" Extra Height, Add	*199.38*	
		For Type 304 Stainless Steel Door, Add	*307.66*	
		For Type 316 Stainless Steel Door, Add	*496.50*	
		For Embossed Panel, Add	*90.64*	
		For Galvanized Steel, Add	*56.65*	
		For Baked Enamel Finish, Add	*179.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.15*	
		For >100, Deduct	*-39.35*	
		For 2" Thick Door, Add	*30.14*	
		For Insulated Door (Polystyrene Core), Add	*37.77*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*94.42*	
		For Seamless Edge (Welded), Add	*47.21*	
		For Steel Stiffened, Add	*94.42*	
08 13 13 13-0106	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	502.73	57.42
		For 18 Gauge, Grade II, Heavy Duty, Add	*77.58*	
		For Up To 1' Extra Height, Add	*107.33*	
		For 1' To 1'-6" Extra Height, Add	*204.77*	
		For Type 304 Stainless Steel Door, Add	*316.05*	
		For Type 316 Stainless Steel Door, Add	*510.00*	
		For Embossed Panel, Add	*93.09*	
		For Galvanized Steel, Add	*58.18*	
		For Baked Enamel Finish, Add	*185.27*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.01*	
		For >100, Deduct	*-40.58*	
		For 2" Thick Door, Add	*30.99*	
		For Insulated Door (Polystyrene Core), Add	*38.79*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*96.97*	
		For Seamless Edge (Welded), Add	*48.49*	
		For Steel Stiffened, Add	*96.97*	
08 13 13 13-0107	EA	4' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	552.75	62.01
		For 18 Gauge, Grade II, Heavy Duty, Add	*85.74*	
		For Up To 1' Extra Height, Add	*118.63*	
		For 1' To 1'-6" Extra Height, Add	*226.32*	
		For Type 304 Stainless Steel Door, Add	*349.18*	
		For Type 316 Stainless Steel Door, Add	*563.54*	
		For Embossed Panel, Add	*102.89*	
		For Galvanized Steel, Add	*64.31*	
		For Baked Enamel Finish, Add	*203.03*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.74*	
		For >100, Deduct	*-44.56*	
		For 2" Thick Door, Add	*34.18*	
		For Insulated Door (Polystyrene Core), Add	*42.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*107.18*	
		For Seamless Edge (Welded), Add	*53.59*	
		For Steel Stiffened, Add	*107.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0108	PR	Pair 2'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	884.64	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*136.78*	
		For Up To 1' Extra Height, Add	*189.24*	
		For 1' To 1'-6" Extra Height, Add	*361.04*	
		For Type 304 Stainless Steel Door, Add	*557.16*	
		For Type 316 Stainless Steel Door, Add	*899.12*	
		For Embossed Panel, Add	*164.14*	
		For Galvanized Steel, Add	*102.59*	
		For Baked Enamel Finish, Add	*325.61*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.25*	
		For >100, Deduct	*-71.37*	
		For 2" Thick Door, Add	*54.60*	
		For Insulated Door (Polystyrene Core), Add	*68.39*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*170.98*	
		For Seamless Edge (Welded), Add	*85.49*	
		For Steel Stiffened, Add	*170.98*	
08 13 13 13-0109	PR	Pair 2'-8" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	894.84	100.37
		For 18 Gauge, Grade II, Heavy Duty, Add	*138.82*	
		For Up To 1' Extra Height, Add	*192.06*	
		For 1' To 1'-6" Extra Height, Add	*366.42*	
		For Type 304 Stainless Steel Door, Add	*565.32*	
		For Type 316 Stainless Steel Door, Add	*912.38*	
		For Embossed Panel, Add	*166.59*	
		For Galvanized Steel, Add	*104.12*	
		For Baked Enamel Finish, Add	*328.67*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.76*	
		For >100, Deduct	*-72.13*	
		For 2" Thick Door, Add	*55.34*	
		For Insulated Door (Polystyrene Core), Add	*69.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*173.53*	
		For Seamless Edge (Welded), Add	*86.76*	
		For Steel Stiffened, Add	*173.53*	
08 13 13 13-0110	PR	Pair 2'-10" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	877.34	89.57
		For 18 Gauge, Grade II, Heavy Duty, Add	*139.64*	
		For Up To 1' Extra Height, Add	*193.19*	
		For 1' To 1'-6" Extra Height, Add	*368.57*	
		For Type 304 Stainless Steel Door, Add	*567.51*	
		For Type 316 Stainless Steel Door, Add	*916.60*	
		For Embossed Panel, Add	*167.57*	
		For Galvanized Steel, Add	*104.73*	
		For Baked Enamel Finish, Add	*316.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.35*	
		For >100, Deduct	*-70.28*	
		For 2" Thick Door, Add	*55.10*	
		For Insulated Door (Polystyrene Core), Add	*69.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*174.55*	
		For Seamless Edge (Welded), Add	*87.27*	
		For Steel Stiffened, Add	*174.55*	
08 13 13 13-0111	PR	Pair 3' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	911.74	104.73
		For 18 Gauge, Grade II, Heavy Duty, Add	*140.46*	
		For Up To 1' Extra Height, Add	*194.32*	
		For 1' To 1'-6" Extra Height, Add	*370.73*	
		For Type 304 Stainless Steel Door, Add	*572.30*	
		For Type 316 Stainless Steel Door, Add	*923.44*	
		For Embossed Panel, Add	*168.55*	
		For Galvanized Steel, Add	*105.34*	
		For Baked Enamel Finish, Add	*336.36*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.82*	
		For >100, Deduct	*-73.62*	
		For 2" Thick Door, Add	*56.15*	
		For Insulated Door (Polystyrene Core), Add	*70.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*175.57*	
		For Seamless Edge (Welded), Add	*87.79*	
		For Steel Stiffened, Add	*175.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0112	PR	Pair 3'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	993.96	109.09
		For 18 Gauge, Grade II, Heavy Duty, Add	*155.15*	
		For Up To 1' Extra Height, Add	*214.66*	
		For 1' To 1'-6" Extra Height, Add	*409.53*	
		For Type 304 Stainless Steel Door, Add	*631.53*	
		For Type 316 Stainless Steel Door, Add	*1,019.41*	
		For Embossed Panel, Add	*186.18*	
		For Galvanized Steel, Add	*116.37*	
		For Baked Enamel Finish, Add	*363.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-55.15*	
		For >100, Deduct	*-80.00*	
		For 2" Thick Door, Add	*61.70*	
		For Insulated Door (Polystyrene Core), Add	*77.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*193.94*	
		For Seamless Edge (Welded), Add	*96.97*	
		For Steel Stiffened, Add	*193.94*	
08 13 13 13-0113	PR	Pair 4' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Doors	1,093.09	117.82
		For 18 Gauge, Grade II, Heavy Duty, Add	*171.49*	
		For Up To 1' Extra Height, Add	*237.25*	
		For 1' To 1'-6" Extra Height, Add	*452.64*	
		For Type 304 Stainless Steel Door, Add	*697.73*	
		For Type 316 Stainless Steel Door, Add	*1,126.45*	
		For Embossed Panel, Add	*205.79*	
		For Galvanized Steel, Add	*128.62*	
		For Baked Enamel Finish, Add	*398.62*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-60.55*	
		For >100, Deduct	*-87.87*	
		For 2" Thick Door, Add	*68.06*	
		For Insulated Door (Polystyrene Core), Add	*85.74*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*214.36*	
		For Seamless Edge (Welded), Add	*107.18*	
		For Steel Stiffened, Add	*214.36*	

08 13 13 13-0114 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0115 6'-8" High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0114)*

08 13 13 13-0116	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	474.37	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*111.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*149.32*	
		For Type 304 Stainless Steel Door, Add	*303.70*	
		For Type 316 Stainless Steel Door, Add	*490.36*	
		For Embossed Panel, Add	*89.59*	
		For Galvanized Steel, Add	*56.00*	
		For Baked Enamel Finish, Add	*172.63*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-38.10*	
		For 2" Thick Door, Add	*29.59*	
		For Insulated Door (Polystyrene Core), Add	*37.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*93.33*	
		For Seamless Edge (Welded), Add	*46.66*	
		For Steel Stiffened, Add	*93.33*	
08 13 13 13-0117	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	474.37	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*111.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*149.32*	
		For Type 304 Stainless Steel Door, Add	*303.70*	
		For Type 316 Stainless Steel Door, Add	*490.36*	
		For Embossed Panel, Add	*89.59*	
		For Galvanized Steel, Add	*56.00*	
		For Baked Enamel Finish, Add	*172.63*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-38.10*	
		For 2" Thick Door, Add	*29.59*	
		For Insulated Door (Polystyrene Core), Add	*37.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*93.33*	
		For Seamless Edge (Welded), Add	*46.66*	
		For Steel Stiffened, Add	*93.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0118	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	486.60	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.29*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.38*	
		For Type 304 Stainless Steel Door, Add	*310.04*	
		For Type 316 Stainless Steel Door, Add	*500.52*	
		For Embossed Panel, Add	*91.43*	
		For Galvanized Steel, Add	*57.14*	
		For Baked Enamel Finish, Add	*177.68*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.97*	
		For >100, Deduct	*-39.14*	
		For 2" Thick Door, Add	*30.26*	
		For Insulated Door (Polystyrene Core), Add	*38.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.24*	
		For Seamless Edge (Welded), Add	*47.62*	
		For Steel Stiffened, Add	*95.24*	
08 13 13 13-0119	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	492.28	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*115.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*154.65*	
		For Type 304 Stainless Steel Door, Add	*314.59*	
		For Type 316 Stainless Steel Door, Add	*507.90*	
		For Embossed Panel, Add	*92.79*	
		For Galvanized Steel, Add	*57.99*	
		For Baked Enamel Finish, Add	*179.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.26*	
		For >100, Deduct	*-39.56*	
		For 2" Thick Door, Add	*30.67*	
		For Insulated Door (Polystyrene Core), Add	*38.66*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*96.66*	
		For Seamless Edge (Welded), Add	*48.33*	
		For Steel Stiffened, Add	*96.66*	
08 13 13 13-0120	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	496.87	53.97
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*116.68*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*155.57*	
		For Type 304 Stainless Steel Door, Add	*316.53*	
		For Type 316 Stainless Steel Door, Add	*510.99*	
		For Embossed Panel, Add	*93.34*	
		For Galvanized Steel, Add	*58.34*	
		For Baked Enamel Finish, Add	*181.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.54*	
		For >100, Deduct	*-39.96*	
		For 2" Thick Door, Add	*30.90*	
		For Insulated Door (Polystyrene Core), Add	*38.89*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.23*	
		For Seamless Edge (Welded), Add	*48.62*	
		For Steel Stiffened, Add	*97.23*	
08 13 13 13-0121	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	501.43	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.35*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.47*	
		For Type 304 Stainless Steel Door, Add	*318.46*	
		For Type 316 Stainless Steel Door, Add	*514.05*	
		For Embossed Panel, Add	*93.88*	
		For Galvanized Steel, Add	*58.68*	
		For Baked Enamel Finish, Add	*183.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.83*	
		For >100, Deduct	*-40.36*	
		For 2" Thick Door, Add	*31.12*	
		For Insulated Door (Polystyrene Core), Add	*39.12*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.80*	
		For Seamless Edge (Welded), Add	*48.90*	
		For Steel Stiffened, Add	*97.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0122	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	531.00	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*126.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*168.30*	
		For Type 304 Stainless Steel Door, Add	*342.11*	
		For Type 316 Stainless Steel Door, Add	*552.49*	
		For Embossed Panel, Add	*100.98*	
		For Galvanized Steel, Add	*63.11*	
		For Baked Enamel Finish, Add	*192.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.31*	
		For >100, Deduct	*-42.58*	
		For 2" Thick Door, Add	*33.26*	
		For Insulated Door (Polystyrene Core), Add	*42.08*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*105.19*	
		For Seamless Edge (Welded), Add	*52.59*	
		For Steel Stiffened, Add	*105.19*	
08 13 13 13-0123	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	546.96	57.42
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*129.64*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*172.85*	
		For Type 304 Stainless Steel Door, Add	*351.44*	
		For Type 316 Stainless Steel Door, Add	*567.50*	
		For Embossed Panel, Add	*103.71*	
		For Galvanized Steel, Add	*64.82*	
		For Baked Enamel Finish, Add	*198.54*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.22*	
		For >100, Deduct	*-43.89*	
		For 2" Thick Door, Add	*34.20*	
		For Insulated Door (Polystyrene Core), Add	*43.21*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*108.03*	
		For Seamless Edge (Welded), Add	*54.02*	
		For Steel Stiffened, Add	*108.03*	
08 13 13 13-0124	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	601.64	62.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*143.28*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*191.04*	
		For Type 304 Stainless Steel Door, Add	*388.29*	
		For Type 316 Stainless Steel Door, Add	*627.09*	
		For Embossed Panel, Add	*114.63*	
		For Galvanized Steel, Add	*71.64*	
		For Baked Enamel Finish, Add	*217.70*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.18*	
		For >100, Deduct	*-48.22*	
		For 2" Thick Door, Add	*37.73*	
		For Insulated Door (Polystyrene Core), Add	*47.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.40*	
		For Seamless Edge (Welded), Add	*59.70*	
		For Steel Stiffened, Add	*119.40*	
08 13 13 13-0125	PR	Pair 2'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	962.63	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*228.57*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*304.76*	
		For Type 304 Stainless Steel Door, Add	*619.56*	
		For Type 316 Stainless Steel Door, Add	*1,000.51*	
		For Embossed Panel, Add	*182.86*	
		For Galvanized Steel, Add	*114.29*	
		For Baked Enamel Finish, Add	*349.01*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.15*	
		For >100, Deduct	*-77.22*	
		For 2" Thick Door, Add	*60.26*	
		For Insulated Door (Polystyrene Core), Add	*76.19*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*190.48*	
		For Seamless Edge (Welded), Add	*95.24*	
		For Steel Stiffened, Add	*190.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0126	PR	Pair 2'-8" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	974.00	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*231.98*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*309.31*	
		For Type 304 Stainless Steel Door, Add	*628.65*	
		For Type 316 Stainless Steel Door, Add	*1,015.29*	
		For Embossed Panel, Add	*185.58*	
		For Galvanized Steel, Add	*115.99*	
		For Baked Enamel Finish, Add	*352.42*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.72*	
		For >100, Deduct	*-78.07*	
		For 2" Thick Door, Add	*61.08*	
		For Insulated Door (Polystyrene Core), Add	*77.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*193.32*	
		For Seamless Edge (Welded), Add	*96.66*	
		For Steel Stiffened, Add	*193.32*	
08 13 13 13-0127	PR	Pair 2'-10" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	956.97	89.57
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*233.35*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*311.13*	
		For Type 304 Stainless Steel Door, Add	*631.21*	
		For Type 316 Stainless Steel Door, Add	*1,020.12*	
		For Embossed Panel, Add	*186.68*	
		For Galvanized Steel, Add	*116.67*	
		For Baked Enamel Finish, Add	*340.84*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.33*	
		For >100, Deduct	*-76.25*	
		For 2" Thick Door, Add	*60.87*	
		For Insulated Door (Polystyrene Core), Add	*77.78*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*194.46*	
		For Seamless Edge (Welded), Add	*97.23*	
		For Steel Stiffened, Add	*194.46*	
08 13 13 13-0128	PR	Pair 3' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	991.82	104.73
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*234.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*312.94*	
		For Type 304 Stainless Steel Door, Add	*636.36*	
		For Type 316 Stainless Steel Door, Add	*1,027.54*	
		For Embossed Panel, Add	*187.77*	
		For Galvanized Steel, Add	*117.35*	
		For Baked Enamel Finish, Add	*360.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.83*	
		For >100, Deduct	*-79.62*	
		For 2" Thick Door, Add	*61.96*	
		For Insulated Door (Polystyrene Core), Add	*78.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*195.59*	
		For Seamless Edge (Welded), Add	*97.80*	
		For Steel Stiffened, Add	*195.59*	
08 13 13 13-0129	PR	Pair 3'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,082.43	109.09
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*259.27*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*345.70*	
		For Type 304 Stainless Steel Door, Add	*702.30*	
		For Type 316 Stainless Steel Door, Add	*1,134.42*	
		For Embossed Panel, Add	*207.42*	
		For Galvanized Steel, Add	*129.64*	
		For Baked Enamel Finish, Add	*390.19*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-59.58*	
		For >100, Deduct	*-86.64*	
		For 2" Thick Door, Add	*68.11*	
		For Insulated Door (Polystyrene Core), Add	*86.42*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*216.06*	
		For Seamless Edge (Welded), Add	*108.03*	
		For Steel Stiffened, Add	*216.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0130	PR	Pair 4' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,190.86	117.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*286.56*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*382.08*	
		For Type 304 Stainless Steel Door, Add	*775.95*	
		For Type 316 Stainless Steel Door, Add	*1,253.56*	
		For Embossed Panel, Add	*229.25*	
		For Galvanized Steel, Add	*143.28*	
		For Baked Enamel Finish, Add	*427.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-65.43*	
		For >100, Deduct	*-95.21*	
		For 2" Thick Door, Add	*75.14*	
		For Insulated Door (Polystyrene Core), Add	*95.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*238.80*	
		For Seamless Edge (Welded), Add	*119.40*	
		For Steel Stiffened, Add	*238.80*	

08 13 13 13-0131 7' High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0114)*

08 13 13 13-0132	EA	2' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	483.23	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.65*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.87*	
		For Type 304 Stainless Steel Door, Add	*310.79*	
		For Type 316 Stainless Steel Door, Add	*501.87*	
		For Embossed Panel, Add	*91.72*	
		For Galvanized Steel, Add	*57.33*	
		For Baked Enamel Finish, Add	*175.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.69*	
		For >100, Deduct	*-38.77*	
		For 2" Thick Door, Add	*30.23*	
		For Insulated Door (Polystyrene Core), Add	*38.22*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.54*	
		For Seamless Edge (Welded), Add	*47.77*	
		For Steel Stiffened, Add	*95.54*	
08 13 13 13-0133	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	483.23	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*114.65*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*152.87*	
		For Type 304 Stainless Steel Door, Add	*310.79*	
		For Type 316 Stainless Steel Door, Add	*501.87*	
		For Embossed Panel, Add	*91.72*	
		For Galvanized Steel, Add	*57.33*	
		For Baked Enamel Finish, Add	*175.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-26.69*	
		For >100, Deduct	*-38.77*	
		For 2" Thick Door, Add	*30.23*	
		For Insulated Door (Polystyrene Core), Add	*38.22*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*95.54*	
		For Seamless Edge (Welded), Add	*47.77*	
		For Steel Stiffened, Add	*95.54*	
08 13 13 13-0134	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	495.64	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.00*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.00*	
		For Type 304 Stainless Steel Door, Add	*317.27*	
		For Type 316 Stainless Steel Door, Add	*512.27*	
		For Embossed Panel, Add	*93.60*	
		For Galvanized Steel, Add	*58.50*	
		For Baked Enamel Finish, Add	*180.39*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-39.81*	
		For 2" Thick Door, Add	*30.92*	
		For Insulated Door (Polystyrene Core), Add	*39.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.50*	
		For Seamless Edge (Welded), Add	*48.75*	
		For Steel Stiffened, Add	*97.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0135	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	501.46	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*118.74*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*158.32*	
		For Type 304 Stainless Steel Door, Add	*321.93*	
		For Type 316 Stainless Steel Door, Add	*519.84*	
		For Embossed Panel, Add	*94.99*	
		For Galvanized Steel, Add	*59.37*	
		For Baked Enamel Finish, Add	*182.13*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.71*	
		For >100, Deduct	*-40.25*	
		For 2" Thick Door, Add	*31.34*	
		For Insulated Door (Polystyrene Core), Add	*39.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*98.95*	
		For Seamless Edge (Welded), Add	*49.48*	
		For Steel Stiffened, Add	*98.95*	
08 13 13 13-0136	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	506.09	53.97
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*119.44*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*159.26*	
		For Type 304 Stainless Steel Door, Add	*323.91*	
		For Type 316 Stainless Steel Door, Add	*522.98*	
		For Embossed Panel, Add	*95.55*	
		For Galvanized Steel, Add	*59.72*	
		For Baked Enamel Finish, Add	*184.21*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.00*	
		For >100, Deduct	*-40.66*	
		For 2" Thick Door, Add	*31.56*	
		For Insulated Door (Polystyrene Core), Add	*39.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*99.54*	
		For Seamless Edge (Welded), Add	*49.77*	
		For Steel Stiffened, Add	*99.54*	
08 13 13 13-0137	EA	3' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	510.71	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*120.14*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*160.18*	
		For Type 304 Stainless Steel Door, Add	*325.88*	
		For Type 316 Stainless Steel Door, Add	*526.11*	
		For Embossed Panel, Add	*96.11*	
		For Galvanized Steel, Add	*60.07*	
		For Baked Enamel Finish, Add	*186.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.29*	
		For >100, Deduct	*-41.06*	
		For 2" Thick Door, Add	*31.79*	
		For Insulated Door (Polystyrene Core), Add	*40.05*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*100.12*	
		For Seamless Edge (Welded), Add	*50.06*	
		For Steel Stiffened, Add	*100.12*	
08 13 13 13-0138	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	540.98	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*129.22*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*172.29*	
		For Type 304 Stainless Steel Door, Add	*350.10*	
		For Type 316 Stainless Steel Door, Add	*565.46*	
		For Embossed Panel, Add	*103.38*	
		For Galvanized Steel, Add	*64.61*	
		For Baked Enamel Finish, Add	*195.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.81*	
		For >100, Deduct	*-43.33*	
		For 2" Thick Door, Add	*33.98*	
		For Insulated Door (Polystyrene Core), Add	*43.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*107.68*	
		For Seamless Edge (Welded), Add	*53.84*	
		For Steel Stiffened, Add	*107.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0139	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	557.21	57.42
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*132.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*176.95*	
		For Type 304 Stainless Steel Door, Add	*359.64*	
		For Type 316 Stainless Steel Door, Add	*580.82*	
		For Embossed Panel, Add	*106.17*	
		For Galvanized Steel, Add	*66.36*	
		For Baked Enamel Finish, Add	*201.62*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.73*	
		For >100, Deduct	*-44.66*	
		For 2" Thick Door, Add	*34.94*	
		For Insulated Door (Polystyrene Core), Add	*44.24*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.59*	
		For Seamless Edge (Welded), Add	*55.30*	
		For Steel Stiffened, Add	*110.59*	
08 13 13 13-0140	EA	4' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	612.97	62.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*146.68*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*195.58*	
		For Type 304 Stainless Steel Door, Add	*397.35*	
		For Type 316 Stainless Steel Door, Add	*641.82*	
		For Embossed Panel, Add	*117.35*	
		For Galvanized Steel, Add	*73.34*	
		For Baked Enamel Finish, Add	*221.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.75*	
		For >100, Deduct	*-49.07*	
		For 2" Thick Door, Add	*38.55*	
		For Insulated Door (Polystyrene Core), Add	*48.89*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.24*	
		For Seamless Edge (Welded), Add	*61.12*	
		For Steel Stiffened, Add	*122.24*	
08 13 13 13-0141	PR	Pair 2'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	980.71	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*233.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*311.99*	
		For Type 304 Stainless Steel Door, Add	*634.02*	
		For Type 316 Stainless Steel Door, Add	*1,024.01*	
		For Embossed Panel, Add	*187.20*	
		For Galvanized Steel, Add	*117.00*	
		For Baked Enamel Finish, Add	*354.43*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.05*	
		For >100, Deduct	*-78.57*	
		For 2" Thick Door, Add	*61.57*	
		For Insulated Door (Polystyrene Core), Add	*78.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*195.00*	
		For Seamless Edge (Welded), Add	*97.50*	
		For Steel Stiffened, Add	*195.00*	
08 13 13 13-0142	PR	Pair 2'-8" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	992.35	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*237.49*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*316.65*	
		For Type 304 Stainless Steel Door, Add	*643.33*	
		For Type 316 Stainless Steel Door, Add	*1,039.14*	
		For Embossed Panel, Add	*189.99*	
		For Galvanized Steel, Add	*118.74*	
		For Baked Enamel Finish, Add	*357.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.64*	
		For >100, Deduct	*-79.44*	
		For 2" Thick Door, Add	*62.41*	
		For Insulated Door (Polystyrene Core), Add	*79.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*197.91*	
		For Seamless Edge (Welded), Add	*98.95*	
		For Steel Stiffened, Add	*197.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0143	PR	Pair 2'-10" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	975.42	89.57
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*238.88*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*318.51*	
		For Type 304 Stainless Steel Door, Add	*645.97*	
		For Type 316 Stainless Steel Door, Add	*1,044.11*	
		For Embossed Panel, Add	*191.10*	
		For Galvanized Steel, Add	*119.44*	
		For Baked Enamel Finish, Add	*346.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.25*	
		For >100, Deduct	*-77.64*	
		For 2" Thick Door, Add	*62.21*	
		For Insulated Door (Polystyrene Core), Add	*79.63*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*199.07*	
		For Seamless Edge (Welded), Add	*99.53*	
		For Steel Stiffened, Add	*199.07*	
08 13 13 13-0144	PR	Pair 3' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,010.39	104.73
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*240.28*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*320.37*	
		For Type 304 Stainless Steel Door, Add	*651.22*	
		For Type 316 Stainless Steel Door, Add	*1,051.68*	
		For Embossed Panel, Add	*192.22*	
		For Galvanized Steel, Add	*120.14*	
		For Baked Enamel Finish, Add	*365.96*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-55.76*	
		For >100, Deduct	*-81.02*	
		For 2" Thick Door, Add	*63.30*	
		For Insulated Door (Polystyrene Core), Add	*80.09*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*200.23*	
		For Seamless Edge (Welded), Add	*100.12*	
		For Steel Stiffened, Add	*200.23*	
08 13 13 13-0145	PR	Pair 3'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,102.94	109.09
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*265.43*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*353.90*	
		For Type 304 Stainless Steel Door, Add	*718.71*	
		For Type 316 Stainless Steel Door, Add	*1,161.08*	
		For Embossed Panel, Add	*212.34*	
		For Galvanized Steel, Add	*132.71*	
		For Baked Enamel Finish, Add	*396.34*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-60.60*	
		For >100, Deduct	*-88.18*	
		For 2" Thick Door, Add	*69.60*	
		For Insulated Door (Polystyrene Core), Add	*88.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*221.19*	
		For Seamless Edge (Welded), Add	*110.59*	
		For Steel Stiffened, Add	*221.19*	
08 13 13 13-0146	PR	Pair 4' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,213.53	117.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*293.36*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*391.15*	
		For Type 304 Stainless Steel Door, Add	*794.09*	
		For Type 316 Stainless Steel Door, Add	*1,283.03*	
		For Embossed Panel, Add	*234.69*	
		For Galvanized Steel, Add	*146.68*	
		For Baked Enamel Finish, Add	*434.75*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-66.57*	
		For >100, Deduct	*-96.91*	
		For 2" Thick Door, Add	*76.79*	
		For Insulated Door (Polystyrene Core), Add	*97.79*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*244.47*	
		For Seamless Edge (Welded), Add	*122.24*	
		For Steel Stiffened, Add	*244.47*	

08 13 13 13-0147 7'-2" High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0114)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0148	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	492.09	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.31*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.41*	
		For Type 304 Stainless Steel Door, Add	*317.88*	
		For Type 316 Stainless Steel Door, Add	*513.39*	
		For Embossed Panel, Add	*93.85*	
		For Galvanized Steel, Add	*58.65*	
		For Baked Enamel Finish, Add	*177.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.13*	
		For >100, Deduct	*-39.43*	
		For 2" Thick Door, Add	*30.88*	
		For Insulated Door (Polystyrene Core), Add	*39.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.76*	
		For Seamless Edge (Welded), Add	*48.88*	
		For Steel Stiffened, Add	*97.76*	
08 13 13 13-0149	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	492.09	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*117.31*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*156.41*	
		For Type 304 Stainless Steel Door, Add	*317.88*	
		For Type 316 Stainless Steel Door, Add	*513.39*	
		For Embossed Panel, Add	*93.85*	
		For Galvanized Steel, Add	*58.65*	
		For Baked Enamel Finish, Add	*177.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.13*	
		For >100, Deduct	*-39.43*	
		For 2" Thick Door, Add	*30.88*	
		For Insulated Door (Polystyrene Core), Add	*39.10*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*97.76*	
		For Seamless Edge (Welded), Add	*48.88*	
		For Steel Stiffened, Add	*97.76*	
08 13 13 13-0150	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	504.68	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*119.71*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*159.61*	
		For Type 304 Stainless Steel Door, Add	*324.51*	
		For Type 316 Stainless Steel Door, Add	*524.02*	
		For Embossed Panel, Add	*95.77*	
		For Galvanized Steel, Add	*59.85*	
		For Baked Enamel Finish, Add	*183.10*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-27.88*	
		For >100, Deduct	*-40.49*	
		For 2" Thick Door, Add	*31.57*	
		For Insulated Door (Polystyrene Core), Add	*39.90*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*99.76*	
		For Seamless Edge (Welded), Add	*49.88*	
		For Steel Stiffened, Add	*99.76*	
08 13 13 13-0151	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	510.64	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*121.50*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*162.00*	
		For Type 304 Stainless Steel Door, Add	*329.27*	
		For Type 316 Stainless Steel Door, Add	*531.77*	
		For Embossed Panel, Add	*97.20*	
		For Galvanized Steel, Add	*60.75*	
		For Baked Enamel Finish, Add	*184.89*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.17*	
		For >100, Deduct	*-40.94*	
		For 2" Thick Door, Add	*32.00*	
		For Insulated Door (Polystyrene Core), Add	*40.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*101.25*	
		For Seamless Edge (Welded), Add	*50.62*	
		For Steel Stiffened, Add	*101.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0152	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	515.32	53.97
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*122.21*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*162.95*	
		For Type 304 Stainless Steel Door, Add	*331.29*	
		For Type 316 Stainless Steel Door, Add	*534.98*	
		For Embossed Panel, Add	*97.77*	
		For Galvanized Steel, Add	*61.11*	
		For Baked Enamel Finish, Add	*186.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.46*	
		For >100, Deduct	*-41.35*	
		For 2" Thick Door, Add	*32.23*	
		For Insulated Door (Polystyrene Core), Add	*40.74*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*101.84*	
		For Seamless Edge (Welded), Add	*50.92*	
		For Steel Stiffened, Add	*101.84*	
08 13 13 13-0153	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	520.00	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*122.93*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*163.90*	
		For Type 304 Stainless Steel Door, Add	*333.31*	
		For Type 316 Stainless Steel Door, Add	*538.19*	
		For Embossed Panel, Add	*98.34*	
		For Galvanized Steel, Add	*61.46*	
		For Baked Enamel Finish, Add	*189.08*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-28.76*	
		For >100, Deduct	*-41.76*	
		For 2" Thick Door, Add	*32.46*	
		For Insulated Door (Polystyrene Core), Add	*40.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*102.44*	
		For Seamless Edge (Welded), Add	*51.22*	
		For Steel Stiffened, Add	*102.44*	
08 13 13 13-0154	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	550.97	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*132.22*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*176.29*	
		For Type 304 Stainless Steel Door, Add	*358.09*	
		For Type 316 Stainless Steel Door, Add	*578.45*	
		For Embossed Panel, Add	*105.77*	
		For Galvanized Steel, Add	*66.11*	
		For Baked Enamel Finish, Add	*198.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.30*	
		For >100, Deduct	*-44.08*	
		For 2" Thick Door, Add	*34.71*	
		For Insulated Door (Polystyrene Core), Add	*44.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.18*	
		For Seamless Edge (Welded), Add	*55.09*	
		For Steel Stiffened, Add	*110.18*	
08 13 13 13-0155	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	567.47	57.42
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*135.79*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*181.05*	
		For Type 304 Stainless Steel Door, Add	*367.85*	
		For Type 316 Stainless Steel Door, Add	*594.16*	
		For Embossed Panel, Add	*108.63*	
		For Galvanized Steel, Add	*67.89*	
		For Baked Enamel Finish, Add	*204.69*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.24*	
		For >100, Deduct	*-45.43*	
		For 2" Thick Door, Add	*35.69*	
		For Insulated Door (Polystyrene Core), Add	*45.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.16*	
		For Seamless Edge (Welded), Add	*56.58*	
		For Steel Stiffened, Add	*113.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0156	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	624.31	62.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*150.08*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*200.11*	
		For Type 304 Stainless Steel Door, Add	*406.43*	
		For Type 316 Stainless Steel Door, Add	*656.57*	
		For Embossed Panel, Add	*120.07*	
		For Galvanized Steel, Add	*75.04*	
		For Baked Enamel Finish, Add	*224.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.32*	
		For >100, Deduct	*-49.92*	
		For 2" Thick Door, Add	*39.37*	
		For Insulated Door (Polystyrene Core), Add	*50.03*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*125.07*	
		For Seamless Edge (Welded), Add	*62.54*	
		For Steel Stiffened, Add	*125.07*	
08 13 13 13-0157	PR	Pair 2'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	998.79	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*239.42*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*319.22*	
		For Type 304 Stainless Steel Door, Add	*648.48*	
		For Type 316 Stainless Steel Door, Add	*1,047.51*	
		For Embossed Panel, Add	*191.53*	
		For Galvanized Steel, Add	*119.71*	
		For Baked Enamel Finish, Add	*359.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.96*	
		For >100, Deduct	*-79.93*	
		For 2" Thick Door, Add	*62.88*	
		For Insulated Door (Polystyrene Core), Add	*79.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*199.52*	
		For Seamless Edge (Welded), Add	*99.76*	
		For Steel Stiffened, Add	*199.52*	
08 13 13 13-0158	PR	Pair 2'-8" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,010.70	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*242.99*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*323.99*	
		For Type 304 Stainless Steel Door, Add	*658.01*	
		For Type 316 Stainless Steel Door, Add	*1,063.00*	
		For Embossed Panel, Add	*194.39*	
		For Galvanized Steel, Add	*121.50*	
		For Baked Enamel Finish, Add	*363.43*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-55.55*	
		For >100, Deduct	*-80.82*	
		For 2" Thick Door, Add	*63.74*	
		For Insulated Door (Polystyrene Core), Add	*81.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*202.49*	
		For Seamless Edge (Welded), Add	*101.25*	
		For Steel Stiffened, Add	*202.49*	
08 13 13 13-0159	PR	Pair 2'-10" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	993.88	89.57
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*244.42*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*325.89*	
		For Type 304 Stainless Steel Door, Add	*660.74*	
		For Type 316 Stainless Steel Door, Add	*1,068.11*	
		For Embossed Panel, Add	*195.54*	
		For Galvanized Steel, Add	*122.21*	
		For Baked Enamel Finish, Add	*351.91*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.17*	
		For >100, Deduct	*-79.02*	
		For 2" Thick Door, Add	*63.55*	
		For Insulated Door (Polystyrene Core), Add	*81.47*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*203.68*	
		For Seamless Edge (Welded), Add	*101.84*	
		For Steel Stiffened, Add	*203.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0160	PR	Pair 3' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,028.96	104.73
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*245.85*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*327.80*	
		For Type 304 Stainless Steel Door, Add	*666.07*	
		For Type 316 Stainless Steel Door, Add	*1,075.82*	
		For Embossed Panel, Add	*196.68*	
		For Galvanized Steel, Add	*122.93*	
		For Baked Enamel Finish, Add	*371.53*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-56.68*	
		For >100, Deduct	*-82.41*	
		For 2" Thick Door, Add	*64.65*	
		For Insulated Door (Polystyrene Core), Add	*81.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*204.88*	
		For Seamless Edge (Welded), Add	*102.44*	
		For Steel Stiffened, Add	*204.88*	
08 13 13 13-0161	PR	Pair 3'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,123.45	109.09
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*271.58*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*362.10*	
		For Type 304 Stainless Steel Door, Add	*735.12*	
		For Type 316 Stainless Steel Door, Add	*1,187.75*	
		For Embossed Panel, Add	*217.26*	
		For Galvanized Steel, Add	*135.79*	
		For Baked Enamel Finish, Add	*402.49*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-61.63*	
		For >100, Deduct	*-89.71*	
		For 2" Thick Door, Add	*71.09*	
		For Insulated Door (Polystyrene Core), Add	*90.53*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*226.32*	
		For Seamless Edge (Welded), Add	*113.16*	
		For Steel Stiffened, Add	*226.32*	
08 13 13 13-0162	PR	Pair 4' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,236.20	117.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*300.17*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*400.22*	
		For Type 304 Stainless Steel Door, Add	*812.22*	
		For Type 316 Stainless Steel Door, Add	*1,312.50*	
		For Embossed Panel, Add	*240.13*	
		For Galvanized Steel, Add	*150.08*	
		For Baked Enamel Finish, Add	*441.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-67.70*	
		For >100, Deduct	*-98.61*	
		For 2" Thick Door, Add	*78.43*	
		For Insulated Door (Polystyrene Core), Add	*100.06*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*250.14*	
		For Seamless Edge (Welded), Add	*125.07*	
		For Steel Stiffened, Add	*250.14*	

08 13 13 13-0163 8' High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0114)*

08 13 13 13-0164	EA	2' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	565.17	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*139.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*185.64*	
		For Up To 1' Extra Height, Add	*128.42*	
		For Type 304 Stainless Steel Door, Add	*376.34*	
		For Type 316 Stainless Steel Door, Add	*608.40*	
		For Embossed Panel, Add	*111.39*	
		For Galvanized Steel, Add	*69.62*	
		For Baked Enamel Finish, Add	*199.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.91*	
		For 2" Thick Door, Add	*36.17*	
		For Insulated Door (Polystyrene Core), Add	*46.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.03*	
		For Seamless Edge (Welded), Add	*58.01*	
		For Steel Stiffened, Add	*116.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0165	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	565.17	50.53
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*139.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*185.64*	
		For Up To 1' Extra Height, Add	*128.42*	
		For Type 304 Stainless Steel Door, Add	*376.34*	
		For Type 316 Stainless Steel Door, Add	*608.40*	
		For Embossed Panel, Add	*111.39*	
		For Galvanized Steel, Add	*69.62*	
		For Baked Enamel Finish, Add	*199.87*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.91*	
		For 2" Thick Door, Add	*36.17*	
		For Insulated Door (Polystyrene Core), Add	*46.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.03*	
		For Seamless Edge (Welded), Add	*58.01*	
		For Steel Stiffened, Add	*116.03*	
08 13 13 13-0166	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	579.26	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*142.08*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*189.44*	
		For Up To 1' Extra Height, Add	*131.05*	
		For Type 304 Stainless Steel Door, Add	*384.17*	
		For Type 316 Stainless Steel Door, Add	*620.98*	
		For Embossed Panel, Add	*113.67*	
		For Galvanized Steel, Add	*71.04*	
		For Baked Enamel Finish, Add	*205.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.60*	
		For >100, Deduct	*-46.09*	
		For 2" Thick Door, Add	*36.98*	
		For Insulated Door (Polystyrene Core), Add	*47.36*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*118.40*	
		For Seamless Edge (Welded), Add	*59.20*	
		For Steel Stiffened, Add	*118.40*	
08 13 13 13-0167	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	586.33	52.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*144.20*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*192.27*	
		For Up To 1' Extra Height, Add	*133.00*	
		For Type 304 Stainless Steel Door, Add	*389.83*	
		For Type 316 Stainless Steel Door, Add	*630.17*	
		For Embossed Panel, Add	*115.36*	
		For Galvanized Steel, Add	*72.10*	
		For Baked Enamel Finish, Add	*207.59*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.96*	
		For >100, Deduct	*-46.62*	
		For 2" Thick Door, Add	*37.49*	
		For Insulated Door (Polystyrene Core), Add	*48.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*120.17*	
		For Seamless Edge (Welded), Add	*60.09*	
		For Steel Stiffened, Add	*120.17*	
08 13 13 13-0168	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	591.45	53.97
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*145.05*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*193.40*	
		For Up To 1' Extra Height, Add	*133.78*	
		For Type 304 Stainless Steel Door, Add	*392.20*	
		For Type 316 Stainless Steel Door, Add	*633.95*	
		For Embossed Panel, Add	*116.04*	
		For Galvanized Steel, Add	*72.53*	
		For Baked Enamel Finish, Add	*209.82*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.27*	
		For >100, Deduct	*-47.06*	
		For 2" Thick Door, Add	*37.75*	
		For Insulated Door (Polystyrene Core), Add	*48.35*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*120.88*	
		For Seamless Edge (Welded), Add	*60.44*	
		For Steel Stiffened, Add	*120.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0169	EA	3' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	596.58	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*145.90*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*194.53*	
		For Up To 1' Extra Height, Add	*134.57*	
		For Type 304 Stainless Steel Door, Add	*394.58*	
		For Type 316 Stainless Steel Door, Add	*637.74*	
		For Embossed Panel, Add	*116.72*	
		For Galvanized Steel, Add	*72.95*	
		For Baked Enamel Finish, Add	*212.05*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.59*	
		For >100, Deduct	*-47.50*	
		For 2" Thick Door, Add	*38.02*	
		For Insulated Door (Polystyrene Core), Add	*48.63*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*121.58*	
		For Seamless Edge (Welded), Add	*60.79*	
		For Steel Stiffened, Add	*121.58*	
08 13 13 13-0170	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	633.34	55.12
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*156.93*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*209.24*	
		For Up To 1' Extra Height, Add	*144.74*	
		For Type 304 Stainless Steel Door, Add	*423.98*	
		For Type 316 Stainless Steel Door, Add	*685.53*	
		For Embossed Panel, Add	*125.54*	
		For Galvanized Steel, Add	*78.46*	
		For Baked Enamel Finish, Add	*223.08*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.42*	
		For >100, Deduct	*-50.26*	
		For 2" Thick Door, Add	*40.68*	
		For Insulated Door (Polystyrene Core), Add	*52.31*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*130.77*	
		For Seamless Edge (Welded), Add	*65.39*	
		For Steel Stiffened, Add	*130.77*	
08 13 13 13-0171	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	652.07	57.42
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*161.17*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*214.89*	
		For Up To 1' Extra Height, Add	*148.65*	
		For 1' To 1'-6" Extra Height, Add	*283.60*	
		For Type 304 Stainless Steel Door, Add	*435.53*	
		For Type 316 Stainless Steel Door, Add	*704.14*	
		For Embossed Panel, Add	*128.94*	
		For Galvanized Steel, Add	*80.58*	
		For Baked Enamel Finish, Add	*230.07*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-35.47*	
		For >100, Deduct	*-51.78*	
		For 2" Thick Door, Add	*41.82*	
		For Insulated Door (Polystyrene Core), Add	*53.72*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*134.31*	
		For Seamless Edge (Welded), Add	*67.15*	
		For Steel Stiffened, Add	*134.31*	
08 13 13 13-0172	EA	4' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	717.80	62.01
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*178.13*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*237.51*	
		For Up To 1' Extra Height, Add	*164.30*	
		For 1' To 1'-6" Extra Height, Add	*313.45*	
		For Type 304 Stainless Steel Door, Add	*481.22*	
		For Type 316 Stainless Steel Door, Add	*778.10*	
		For Embossed Panel, Add	*142.50*	
		For Galvanized Steel, Add	*89.07*	
		For Baked Enamel Finish, Add	*252.55*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.99*	
		For >100, Deduct	*-56.94*	
		For 2" Thick Door, Add	*46.15*	
		For Insulated Door (Polystyrene Core), Add	*59.38*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*148.44*	
		For Seamless Edge (Welded), Add	*74.22*	
		For Steel Stiffened, Add	*148.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0173	PR	Pair 2'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,147.94	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*284.16*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*378.88*	
		For Up To 1' Extra Height, Add	*262.09*	
		For Type 304 Stainless Steel Door, Add	*767.80*	
		For Type 316 Stainless Steel Door, Add	*1,241.41*	
		For Embossed Panel, Add	*227.33*	
		For Galvanized Steel, Add	*142.08*	
		For Baked Enamel Finish, Add	*404.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-62.42*	
		For >100, Deduct	*-91.11*	
		For 2" Thick Door, Add	*73.69*	
		For Insulated Door (Polystyrene Core), Add	*94.72*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*236.80*	
		For Seamless Edge (Welded), Add	*118.40*	
		For Steel Stiffened, Add	*236.80*	
08 13 13 13-0174	PR	Pair 2'-8" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,162.08	100.37
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*288.41*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*384.54*	
		For Up To 1' Extra Height, Add	*266.01*	
		For Type 304 Stainless Steel Door, Add	*779.12*	
		For Type 316 Stainless Steel Door, Add	*1,259.79*	
		For Embossed Panel, Add	*230.72*	
		For Galvanized Steel, Add	*144.20*	
		For Baked Enamel Finish, Add	*408.84*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-63.12*	
		For >100, Deduct	*-92.17*	
		For 2" Thick Door, Add	*74.72*	
		For Insulated Door (Polystyrene Core), Add	*96.14*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*240.34*	
		For Seamless Edge (Welded), Add	*120.17*	
		For Steel Stiffened, Add	*240.34*	
08 13 13 13-0175	PR	Pair 2'-10" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,146.15	89.57
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*290.10*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*386.80*	
		For Up To 1' Extra Height, Add	*267.57*	
		For Type 304 Stainless Steel Door, Add	*782.56*	
		For Type 316 Stainless Steel Door, Add	*1,266.06*	
		For Embossed Panel, Add	*232.08*	
		For Galvanized Steel, Add	*145.05*	
		For Baked Enamel Finish, Add	*397.59*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-61.79*	
		For >100, Deduct	*-90.44*	
		For 2" Thick Door, Add	*74.59*	
		For Insulated Door (Polystyrene Core), Add	*96.70*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*241.75*	
		For Seamless Edge (Welded), Add	*120.88*	
		For Steel Stiffened, Add	*241.75*	
08 13 13 13-0176	PR	Pair 3' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,182.12	104.73
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*291.80*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*389.06*	
		For Up To 1' Extra Height, Add	*269.14*	
		For 1' To 1'-6" Extra Height, Add	*513.47*	
		For Type 304 Stainless Steel Door, Add	*788.60*	
		For Type 316 Stainless Steel Door, Add	*1,274.93*	
		For Embossed Panel, Add	*233.44*	
		For Galvanized Steel, Add	*145.90*	
		For Baked Enamel Finish, Add	*417.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-64.34*	
		For >100, Deduct	*-93.90*	
		For 2" Thick Door, Add	*75.75*	
		For Insulated Door (Polystyrene Core), Add	*97.27*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*243.17*	
		For Seamless Edge (Welded), Add	*121.58*	
		For Steel Stiffened, Add	*243.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0177	PR	Pair 3'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,292.64	109.09
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*322.34*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*429.78*	
		For Up To 1' Extra Height, Add	*297.30*	
		For 1' To 1'-6" Extra Height, Add	*567.20*	
		For Type 304 Stainless Steel Door, Add	*870.47*	
		For Type 316 Stainless Steel Door, Add	*1,407.69*	
		For Embossed Panel, Add	*257.87*	
		For Galvanized Steel, Add	*161.17*	
		For Baked Enamel Finish, Add	*453.25*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-70.09*	
		For >100, Deduct	*-102.40*	
		For 2" Thick Door, Add	*83.35*	
		For Insulated Door (Polystyrene Core), Add	*107.45*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*268.61*	
		For Seamless Edge (Welded), Add	*134.31*	
		For Steel Stiffened, Add	*268.61*	
08 13 13 13-0178	PR	Pair 4' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Doors	1,423.20	117.82
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*356.27*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*475.02*	
		For Up To 1' Extra Height, Add	*328.60*	
		For 1' To 1'-6" Extra Height, Add	*626.91*	
		For Type 304 Stainless Steel Door, Add	*961.82*	
		For Type 316 Stainless Steel Door, Add	*1,555.60*	
		For Embossed Panel, Add	*285.01*	
		For Galvanized Steel, Add	*178.13*	
		For Baked Enamel Finish, Add	*497.66*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-77.05*	
		For >100, Deduct	*-112.63*	
		For 2" Thick Door, Add	*91.99*	
		For Insulated Door (Polystyrene Core), Add	*118.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*296.89*	
		For Seamless Edge (Welded), Add	*148.44*	
		For Steel Stiffened, Add	*296.89*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,057.05	114.84
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,112.20	137.81
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	296.68	68.90
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	333.49	73.50
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	370.30	78.09
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	434.76	82.68

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 Hollow Core Doors, 1-3/8" Thick *(08 14 16)*

08 14 16 00-0002 Birch Faced *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door	240.54	50.53
		For Each 1' Of Additional Door Height, Add	*33.48*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-20.57*	
08 14 16 00-0004	EA	2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	255.02	52.83
		For Each 1' Of Additional Door Height, Add	*35.85*	
		For >50 To 100, Deduct	*-15.39*	
		For >100, Deduct	*-21.77*	
08 14 16 00-0005	EA	2'-8" x 7' x 1-3/8" Hollow Core, Birch Faced Door	262.29	52.83
		For Each 1' Of Additional Door Height, Add	*37.59*	
		For >50 To 100, Deduct	*-15.76*	
		For >100, Deduct	*-22.31*	
08 14 16 00-0006	EA	3' x 7' x 1-3/8" Hollow Core, Birch Faced Door	269.43	55.12
		For Each 1' Of Additional Door Height, Add	*38.20*	
		For >50 To 100, Deduct	*-16.23*	
		For >100, Deduct	*-22.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0007	EA	3'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door	284.98	55.12
		For Each 1' Of Additional Door Height, Add	*41.94*	
		For >50 To 100, Deduct	*-17.01*	
		For >100, Deduct	*-24.13*	
08 14 16 00-0008	EA	3'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	300.75	57.42
		For Each 1' Of Additional Door Height, Add	*44.62*	
		For >50 To 100, Deduct	*-17.91*	
		For >100, Deduct	*-25.43*	
08 14 16 00-0009	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Birch Faced Door	470.98	96.01
		For Each 1' Of Additional Door Height, Add	*66.95*	
		For >50 To 100, Deduct	*-28.35*	
		For >100, Deduct	*-40.12*	
08 14 16 00-0010	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door	499.46	100.37
		For Each 1' Of Additional Door Height, Add	*71.70*	
		For >50 To 100, Deduct	*-29.99*	
		For >100, Deduct	*-42.48*	
08 14 16 00-0011	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Birch Faced Door	527.82	104.73
		For Each 1' Of Additional Door Height, Add	*76.41*	
		For >50 To 100, Deduct	*-31.63*	
		For >100, Deduct	*-44.82*	

08 14 16 00-0012 Lauan Faced *(08 14 16 00-0001)*

08 14 16 00-0013	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	205.35	50.53
		For Each 1' Of Additional Door Height, Add	*25.03*	
		For >50 To 100, Deduct	*-12.79*	
		For >100, Deduct	*-17.93*	
08 14 16 00-0014	EA	2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	217.01	52.83
		For Each 1' Of Additional Door Height, Add	*26.73*	
		For >50 To 100, Deduct	*-13.49*	
		For >100, Deduct	*-18.92*	
08 14 16 00-0015	EA	2'-8" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	222.97	52.83
		For Each 1' Of Additional Door Height, Add	*28.16*	
		For >50 To 100, Deduct	*-13.79*	
		For >100, Deduct	*-19.36*	
08 14 16 00-0016	EA	3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	231.78	55.12
		For Each 1' Of Additional Door Height, Add	*29.17*	
		For >50 To 100, Deduct	*-14.35*	
		For >100, Deduct	*-20.14*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	243.40	55.12
		For Each 1' Of Additional Door Height, Add	*31.96*	
		For >50 To 100, Deduct	*-14.93*	
		For >100, Deduct	*-21.01*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	256.52	57.42
		For Each 1' Of Additional Door Height, Add	*34.00*	
		For >50 To 100, Deduct	*-15.70*	
		For >100, Deduct	*-22.11*	
08 14 16 00-0019	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	400.59	96.01
		For Each 1' Of Additional Door Height, Add	*50.06*	
		For >50 To 100, Deduct	*-24.83*	
		For >100, Deduct	*-34.84*	
08 14 16 00-0020	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door	423.47	100.37
		For Each 1' Of Additional Door Height, Add	*53.46*	
		For >50 To 100, Deduct	*-26.19*	
		For >100, Deduct	*-36.78*	
08 14 16 00-0021	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door	452.56	104.73
		For Each 1' Of Additional Door Height, Add	*58.34*	
		For >50 To 100, Deduct	*-27.86*	
		For >100, Deduct	*-39.18*	

08 14 16 00-0022 Tempered Hardboard Faced *(08 14 16 00-0001)*

08 14 16 00-0023	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	208.17	50.53
		For Each 1' Of Additional Door Height, Add	*25.71*	
		For >50 To 100, Deduct	*-12.94*	
		For >100, Deduct	*-18.14*	
08 14 16 00-0024	EA	2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	220.57	52.83
		For Each 1' Of Additional Door Height, Add	*27.58*	
		For >50 To 100, Deduct	*-13.67*	
		For >100, Deduct	*-19.18*	
08 14 16 00-0025	EA	2'-8" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	224.28	52.83
		For Each 1' Of Additional Door Height, Add	*28.47*	
		For >50 To 100, Deduct	*-13.86*	
		For >100, Deduct	*-19.46*	
08 14 16 00-0026	EA	3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	236.29	55.12
		For Each 1' Of Additional Door Height, Add	*30.25*	
		For >50 To 100, Deduct	*-14.57*	
		For >100, Deduct	*-20.48*	
08 14 16 00-0027	EA	3'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	250.15	55.12
		For Each 1' Of Additional Door Height, Add	*33.58*	
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-21.52*	
08 14 16 00-0028	EA	3'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	263.69	57.42
		For Each 1' Of Additional Door Height, Add	*35.72*	
		For >50 To 100, Deduct	*-16.06*	
		For >100, Deduct	*-22.65*	
08 14 16 00-0029	PR	Pair 2' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	406.24	96.01
		For Each 1' Of Additional Door Height, Add	*51.42*	
		For >50 To 100, Deduct	*-25.11*	
		For >100, Deduct	*-35.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0030	PR	Pair 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	430.57	100.37
		For Each 1' Of Additional Door Height, Add	*55.16*	
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-37.31*	
08 14 16 00-0031	PR	Pair 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door	461.55	104.73
		For Each 1' Of Additional Door Height, Add	*60.50*	
		For >50 To 100, Deduct	*-28.31*	
		For >100, Deduct	*-39.85*	
08 14 16 00-0032		Solid Core Doors, 1-3/8" Thick, 5 Ply *(08 14 16)*		
08 14 16 00-0033		Birch Faced *(08 14 16 00-0032)*		
08 14 16 00-0034	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door	278.65	50.53
		For 7 Ply Core, Add	*26.64*	
		For Solid Wood Staved Core (Glued Block), Add	*44.40*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*42.62*	
		For >50 To 100, Deduct	*-16.46*	
		For >100, Deduct	*-23.43*	
08 14 16 00-0035	EA	2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	292.58	52.83
		For 7 Ply Core, Add	*28.04*	
		For Solid Wood Staved Core (Glued Block), Add	*46.73*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*44.86*	
		For >50 To 100, Deduct	*-17.27*	
		For >100, Deduct	*-24.58*	
08 14 16 00-0036	EA	2'-8" x 7' x 1-3/8" Solid Core, Birch Faced Door	301.90	52.83
		For 7 Ply Core, Add	*29.44*	
		For Solid Wood Staved Core (Glued Block), Add	*49.06*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*47.10*	
		For >50 To 100, Deduct	*-17.74*	
		For >100, Deduct	*-25.28*	
08 14 16 00-0037	EA	3' x 7' x 1-3/8" Solid Core, Birch Faced Door	317.88	55.12
		For 7 Ply Core, Add	*31.14*	
		For Solid Wood Staved Core (Glued Block), Add	*51.91*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*49.83*	
		For >50 To 100, Deduct	*-18.65*	
		For >100, Deduct	*-26.60*	
08 14 16 00-0038	EA	3'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door	340.66	55.12
		For 7 Ply Core, Add	*34.56*	
		For Solid Wood Staved Core (Glued Block), Add	*57.60*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*55.30*	
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.31*	
08 14 16 00-0039	EA	3'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	359.98	57.42
		For 7 Ply Core, Add	*36.77*	
		For Solid Wood Staved Core (Glued Block), Add	*61.29*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*58.83*	
		For >50 To 100, Deduct	*-20.87*	
		For >100, Deduct	*-29.87*	
08 14 16 00-0040	PR	Pair 2' x 7' x 1-3/8" Solid Core, Birch Faced Door	547.19	96.01
		For 7 Ply Core, Add	*53.28*	
		For Solid Wood Staved Core (Glued Block), Add	*88.80*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*85.24*	
		For >50 To 100, Deduct	*-32.16*	
		For >100, Deduct	*-45.84*	
08 14 16 00-0041	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door	574.58	100.37
		For 7 Ply Core, Add	*56.08*	
		For Solid Wood Staved Core (Glued Block), Add	*93.46*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*89.72*	
		For >50 To 100, Deduct	*-33.75*	
		For >100, Deduct	*-48.11*	
08 14 16 00-0042	PR	Pair 3' x 7' x 1-3/8" Solid Core, Birch Faced Door	624.72	104.73
		For 7 Ply Core, Add	*62.29*	
		For Solid Wood Staved Core (Glued Block), Add	*103.82*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*99.66*	
		For >50 To 100, Deduct	*-36.47*	
		For >100, Deduct	*-52.09*	
08 14 16 00-0043		Lauan Faced *(08 14 16 00-0032)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0044	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door	233.32	50.53
		For 7 Ply Core, Add	*19.84*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*31.74*	
		For >50 To 100, Deduct	*-14.19*	
		For >100, Deduct	*-20.03*	
08 14 16 00-0045	EA	2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	245.16	52.83
		For 7 Ply Core, Add	*20.93*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*33.48*	
		For >50 To 100, Deduct	*-14.90*	
		For >100, Deduct	*-21.03*	
08 14 16 00-0046	EA	2'-8" x 7' x 1-3/8" Solid Core, Lauan Faced Door	252.45	52.83
		For 7 Ply Core, Add	*22.02*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*35.23*	
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-21.58*	
08 14 16 00-0047	EA	3' x 7' x 1-3/8" Solid Core, Lauan Faced Door	264.39	55.12
		For 7 Ply Core, Add	*23.12*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*36.99*	
		For >50 To 100, Deduct	*-15.98*	
		For >100, Deduct	*-22.59*	
08 14 16 00-0048	EA	3'-4" x 7' x 1-3/8" Solid Core, Lauan Faced Door	281.34	55.12
		For 7 Ply Core, Add	*25.66*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*41.06*	
		For >50 To 100, Deduct	*-16.82*	
		For >100, Deduct	*-23.86*	
08 14 16 00-0049	EA	3'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	299.31	57.42
		For 7 Ply Core, Add	*27.67*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*44.27*	
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.32*	
08 14 16 00-0050	PR	Pair 2' x 7' x 1-3/8" Solid Core, Lauan Faced Door	456.54	96.01
		For 7 Ply Core, Add	*39.68*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*63.49*	
		For >50 To 100, Deduct	*-27.63*	
		For >100, Deduct	*-39.04*	
08 14 16 00-0051	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door	479.75	100.37
		For 7 Ply Core, Add	*41.85*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*66.96*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.00*	
08 14 16 00-0052	PR	Pair 3' x 7' x 1-3/8" Solid Core, Lauan Faced Door	517.73	104.73
		For 7 Ply Core, Add	*46.24*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*73.98*	
		For >50 To 100, Deduct	*-31.12*	
		For >100, Deduct	*-44.07*	

08 14 16 00-0053 Tempered Hardboard Faced *(08 14 16 00-0032)*

08 14 16 00-0054	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	250.42	50.53
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*35.85*	
		For >50 To 100, Deduct	*-15.05*	
		For >100, Deduct	*-21.31*	
08 14 16 00-0055	EA	2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	263.69	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*37.93*	
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.42*	
08 14 16 00-0056	EA	2'-8" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	272.34	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*40.01*	
		For >50 To 100, Deduct	*-16.26*	
		For >100, Deduct	*-23.07*	
08 14 16 00-0057	EA	3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	280.14	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*40.77*	
		For >50 To 100, Deduct	*-16.76*	
		For >100, Deduct	*-23.77*	
08 14 16 00-0058	EA	3'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	298.88	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*45.27*	
		For >50 To 100, Deduct	*-17.70*	
		For >100, Deduct	*-25.17*	
08 14 16 00-0059	EA	3'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	337.65	57.42
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*53.47*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0060	PR	Pair 2' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	490.74	96.01
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*71.70*	
		For >50 To 100, Deduct	*-29.34*	
		For >100, Deduct	*-41.61*	
08 14 16 00-0061	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door	516.77	100.37
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*75.85*	
		For >50 To 100, Deduct	*-30.86*	
		For >100, Deduct	*-43.78*	
08 14 16 00-0062	PR	Pair 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door	549.25	104.73
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*81.55*	
		For >50 To 100, Deduct	*-32.70*	
		For >100, Deduct	*-46.43*	

08 14 16 00-0063 Plastic Laminated Wood Doors *(08 14 16 00-0032)*

08 14 16 00-0064	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	410.42	50.53
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*74.25*	
		For >50 To 100, Deduct	*-23.05*	
		For >100, Deduct	*-33.31*	
08 14 16 00-0065	EA	2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	432.03	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*78.33*	
		For >50 To 100, Deduct	*-24.24*	
		For >100, Deduct	*-35.04*	
08 14 16 00-0066	EA	2'-8" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	449.03	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*82.41*	
		For >50 To 100, Deduct	*-25.09*	
		For >100, Deduct	*-36.32*	
08 14 16 00-0067	EA	3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	470.76	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*86.52*	
		For >50 To 100, Deduct	*-26.29*	
		For >100, Deduct	*-38.06*	
08 14 16 00-0068	EA	3'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	510.40	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*96.04*	
		For >50 To 100, Deduct	*-28.28*	
		For >100, Deduct	*-41.04*	
08 14 16 00-0069	EA	3'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	540.60	57.42
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*102.18*	
		For >50 To 100, Deduct	*-29.90*	
		For >100, Deduct	*-43.42*	
08 14 16 00-0070	PR	Pair 2' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	810.75	96.01
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*148.50*	
		For >50 To 100, Deduct	*-45.34*	
		For >100, Deduct	*-65.61*	
08 14 16 00-0071	PR	Pair 2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	853.42	100.37
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*156.65*	
		For >50 To 100, Deduct	*-47.69*	
		For >100, Deduct	*-69.02*	
08 14 16 00-0072	PR	Pair 3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door	930.48	104.73
		For Machining for Mortise Lock, Add	*35.00*	
		For Each 1' Of Additional Door Height, Add	*173.04*	
		For >50 To 100, Deduct	*-51.76*	
		For >100, Deduct	*-75.02*	

08 14 16 00-0073 Hollow Core Doors, 1-3/4" Thick *(08 14 16)*

08 14 16 00-0074 Birch Faced *(08 14 16 00-0073)*

08 14 16 00-0075	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door	275.40	50.53
		For Each 1' Of Additional Door Height, Add	*41.84*	
		For >50 To 100, Deduct	*-16.30*	
		For >100, Deduct	*-23.18*	
08 14 16 00-0076	EA	2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	286.55	52.83
		For Each 1' Of Additional Door Height, Add	*43.42*	
		For >50 To 100, Deduct	*-16.97*	
		For >100, Deduct	*-24.13*	
08 14 16 00-0077	EA	2'-8" x 7' x 1-3/4" Hollow Core, Birch Faced Door	289.01	52.83
		For Each 1' Of Additional Door Height, Add	*44.01*	
		For >50 To 100, Deduct	*-17.09*	
		For >100, Deduct	*-24.32*	
08 14 16 00-0078	EA	3' x 7' x 1-3/4" Hollow Core, Birch Faced Door	304.32	55.12
		For Each 1' Of Additional Door Height, Add	*46.58*	
		For >50 To 100, Deduct	*-17.97*	
		For >100, Deduct	*-25.58*	
08 14 16 00-0079	EA	3'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door	332.79	55.12
		For Each 1' Of Additional Door Height, Add	*53.41*	
		For >50 To 100, Deduct	*-19.40*	
		For >100, Deduct	*-27.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0080	EA	3'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	395.14	57.42
		For Each 1' Of Additional Door Height, Add	*67.27*	
		For >50 To 100, Deduct	*-22.63*	
		For >100, Deduct	*-32.51*	
08 14 16 00-0081	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	540.70	96.01
		For Each 1' Of Additional Door Height, Add	*83.69*	
		For >50 To 100, Deduct	*-31.84*	
		For >100, Deduct	*-45.35*	
08 14 16 00-0082	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door	562.57	100.37
		For Each 1' Of Additional Door Height, Add	*86.84*	
		For >50 To 100, Deduct	*-33.15*	
		For >100, Deduct	*-47.21*	
08 14 16 00-0083	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Birch Faced Door	597.60	104.73
		For Each 1' Of Additional Door Height, Add	*93.15*	
		For >50 To 100, Deduct	*-35.12*	
		For >100, Deduct	*-50.06*	

08 14 16 00-0084 Lauan Faced *(08 14 16 00-0073)*

08 14 16 00-0085	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	233.54	50.53
		For Each 1' Of Additional Door Height, Add	*31.80*	
		For >50 To 100, Deduct	*-14.20*	
		For >100, Deduct	*-20.04*	
08 14 16 00-0086	EA	2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	247.26	52.83
		For Each 1' Of Additional Door Height, Add	*33.99*	
		For >50 To 100, Deduct	*-15.00*	
		For >100, Deduct	*-21.19*	
08 14 16 00-0087	EA	2'-8" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	254.67	52.83
		For Each 1' Of Additional Door Height, Add	*35.76*	
		For >50 To 100, Deduct	*-15.37*	
		For >100, Deduct	*-21.74*	
08 14 16 00-0088	EA	3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door	262.20	55.12
		For Each 1' Of Additional Door Height, Add	*36.47*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.42*	
08 14 16 00-0089	EA	3'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	278.91	55.12
		For Each 1' Of Additional Door Height, Add	*40.48*	
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.67*	
08 14 16 00-0090	EA	3'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	305.01	57.42
		For Each 1' Of Additional Door Height, Add	*45.64*	
		For >50 To 100, Deduct	*-18.12*	
		For >100, Deduct	*-25.75*	
08 14 16 00-0091	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	456.97	96.01
		For Each 1' Of Additional Door Height, Add	*63.59*	
		For >50 To 100, Deduct	*-27.65*	
		For >100, Deduct	*-39.07*	
08 14 16 00-0092	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door	483.97	100.37
		For Each 1' Of Additional Door Height, Add	*67.98*	
		For >50 To 100, Deduct	*-29.22*	
		For >100, Deduct	*-41.32*	
08 14 16 00-0093	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door	513.32	104.73
		For Each 1' Of Additional Door Height, Add	*72.93*	
		For >50 To 100, Deduct	*-30.90*	
		For >100, Deduct	*-43.74*	

08 14 16 00-0094 Tempered Hardboard *(08 14 16 00-0073)*

08 14 16 00-0095	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	234.52	50.53
		For Each 1' Of Additional Door Height, Add	*32.03*	
		For >50 To 100, Deduct	*-14.25*	
		For >100, Deduct	*-20.12*	
08 14 16 00-0096	EA	2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	242.80	52.83
		For Each 1' Of Additional Door Height, Add	*32.92*	
		For >50 To 100, Deduct	*-14.78*	
		For >100, Deduct	*-20.85*	
08 14 16 00-0097	EA	2'-8" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	250.24	52.83
		For Each 1' Of Additional Door Height, Add	*34.70*	
		For >50 To 100, Deduct	*-15.15*	
		For >100, Deduct	*-21.41*	
08 14 16 00-0098	EA	3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	262.24	55.12
		For Each 1' Of Additional Door Height, Add	*36.48*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-22.42*	
08 14 16 00-0099	EA	3'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	270.72	55.12
		For Each 1' Of Additional Door Height, Add	*38.51*	
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-23.06*	
08 14 16 00-0100	EA	3'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	302.88	57.42
		For Each 1' Of Additional Door Height, Add	*45.13*	
		For >50 To 100, Deduct	*-18.02*	
		For >100, Deduct	*-25.59*	
08 14 16 00-0101	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	458.91	96.01
		For Each 1' Of Additional Door Height, Add	*64.06*	
		For >50 To 100, Deduct	*-27.75*	
		For >100, Deduct	*-39.22*	
08 14 16 00-0102	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	475.04	100.37
		For Each 1' Of Additional Door Height, Add	*65.83*	
		For >50 To 100, Deduct	*-28.77*	
		For >100, Deduct	*-40.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0103	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door	513.44	104.73
		For Each 1' Of Additional Door Height, Add	*72.96*	
		For >50 To 100, Deduct	*-30.91*	
		For >100, Deduct	*-43.74*	

08 14 16 00-0104 Oak Or Maple Faced *(08 14 16 00-0073)*

08 14 16 00-0105	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	330.45	50.53
		For Each 1' Of Additional Door Height, Add	*55.05*	
		For >50 To 100, Deduct	*-19.05*	
		For >100, Deduct	*-27.31*	
08 14 16 00-0106	EA	2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	343.67	52.83
		For Each 1' Of Additional Door Height, Add	*57.12*	
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-28.42*	
08 14 16 00-0107	EA	2'-8" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	346.90	52.83
		For Each 1' Of Additional Door Height, Add	*57.90*	
		For >50 To 100, Deduct	*-19.99*	
		For >100, Deduct	*-28.66*	
08 14 16 00-0108	EA	3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	365.60	55.12
		For Each 1' Of Additional Door Height, Add	*61.28*	
		For >50 To 100, Deduct	*-21.04*	
		For >100, Deduct	*-30.18*	
08 14 16 00-0109	EA	3'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	403.06	55.12
		For Each 1' Of Additional Door Height, Add	*70.27*	
		For >50 To 100, Deduct	*-22.91*	
		For >100, Deduct	*-32.99*	
08 14 16 00-0110	EA	3'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	483.66	57.42
		For Each 1' Of Additional Door Height, Add	*88.52*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-39.15*	
08 14 16 00-0111	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	650.79	96.01
		For Each 1' Of Additional Door Height, Add	*110.11*	
		For >50 To 100, Deduct	*-37.34*	
		For >100, Deduct	*-53.61*	
08 14 16 00-0112	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	676.83	100.37
		For Each 1' Of Additional Door Height, Add	*114.26*	
		For >50 To 100, Deduct	*-38.86*	
		For >100, Deduct	*-55.78*	
08 14 16 00-0113	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door	720.17	104.73
		For Each 1' Of Additional Door Height, Add	*122.57*	
		For >50 To 100, Deduct	*-41.25*	
		For >100, Deduct	*-59.25*	

08 14 16 00-0114 Walnut Faced *(08 14 16 00-0073)*

08 14 16 00-0115	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	411.82	50.53
		For Each 1' Of Additional Door Height, Add	*74.58*	
		For >50 To 100, Deduct	*-23.12*	
		For >100, Deduct	*-33.41*	
08 14 16 00-0116	EA	2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	418.59	52.83
		For Each 1' Of Additional Door Height, Add	*75.11*	
		For >50 To 100, Deduct	*-23.57*	
		For >100, Deduct	*-34.04*	
08 14 16 00-0117	EA	2'-8" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	432.35	52.83
		For Each 1' Of Additional Door Height, Add	*78.41*	
		For >50 To 100, Deduct	*-24.26*	
		For >100, Deduct	*-35.07*	
08 14 16 00-0118	EA	3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	441.18	55.12
		For Each 1' Of Additional Door Height, Add	*79.42*	
		For >50 To 100, Deduct	*-24.82*	
		For >100, Deduct	*-35.84*	
08 14 16 00-0119	EA	3'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	478.10	55.12
		For Each 1' Of Additional Door Height, Add	*88.28*	
		For >50 To 100, Deduct	*-26.66*	
		For >100, Deduct	*-38.61*	
08 14 16 00-0120	EA	3'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	578.06	57.42
		For Each 1' Of Additional Door Height, Add	*111.17*	
		For >50 To 100, Deduct	*-31.77*	
		For >100, Deduct	*-46.23*	
08 14 16 00-0121	PR	Pair 2' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	813.26	96.01
		For Each 1' Of Additional Door Height, Add	*149.10*	
		For >50 To 100, Deduct	*-45.46*	
		For >100, Deduct	*-65.79*	
08 14 16 00-0122	PR	Pair 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door	826.62	100.37
		For Each 1' Of Additional Door Height, Add	*150.21*	
		For >50 To 100, Deduct	*-46.35*	
		For >100, Deduct	*-67.01*	
08 14 16 00-0123	PR	Pair 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door	871.31	104.73
		For Each 1' Of Additional Door Height, Add	*158.84*	
		For >50 To 100, Deduct	*-48.80*	
		For >100, Deduct	*-70.58*	

08 14 16 00-0124 Solid Core Doors, 1-3/4" Thick, 5 Ply *(08 14 16)*

08 14 16 00-0125 Birch Faced *(08 14 16 00-0124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0126	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door	317.22	50.53
		For 7 Ply Core, Add	*32.42*	
		For Solid Wood Staved Core (Glued Block), Add	*54.04*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*59.09*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*25.94*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*116.73*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*162.12*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*259.39*	
		For Each 1' Of Additional Door Height, Add	*51.88*	
		For >50 To 100, Deduct	*-18.39*	
		For >100, Deduct	*-26.32*	
08 14 16 00-0127	EA	2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	310.43	52.83
		For 7 Ply Core, Add	*30.72*	
		For Solid Wood Staved Core (Glued Block), Add	*51.20*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*56.48*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*24.57*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*110.58*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*153.59*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*245.74*	
		For Each 1' Of Additional Door Height, Add	*49.15*	
		For >50 To 100, Deduct	*-18.16*	
		For >100, Deduct	*-25.92*	
08 14 16 00-0128	EA	2'-8" x 7' x 1-3/4" Solid Core, Birch Faced Door	318.97	52.83
		For 7 Ply Core, Add	*32.00*	
		For Solid Wood Staved Core (Glued Block), Add	*53.33*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*58.61*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*25.60*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*115.19*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*159.99*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*255.98*	
		For Each 1' Of Additional Door Height, Add	*51.20*	
		For >50 To 100, Deduct	*-18.59*	
		For >100, Deduct	*-26.56*	
08 14 16 00-0129	EA	3' x 7' x 1-3/4" Solid Core, Birch Faced Door	334.94	55.12
		For 7 Ply Core, Add	*33.70*	
		For Solid Wood Staved Core (Glued Block), Add	*56.17*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*61.69*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*26.96*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*121.33*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*168.52*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*269.63*	
		For Each 1' Of Additional Door Height, Add	*53.93*	
		For >50 To 100, Deduct	*-19.50*	
		For >100, Deduct	*-27.88*	
08 14 16 00-0130	EA	3'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door	359.66	55.12
		For 7 Ply Core, Add	*37.41*	
		For Solid Wood Staved Core (Glued Block), Add	*62.35*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*67.87*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*29.93*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*134.68*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*187.06*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*299.29*	
		For Each 1' Of Additional Door Height, Add	*59.86*	
		For >50 To 100, Deduct	*-20.74*	
		For >100, Deduct	*-29.73*	
08 14 16 00-0131	EA	3'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	417.66	57.42
		For 7 Ply Core, Add	*45.42*	
		For Solid Wood Staved Core (Glued Block), Add	*75.71*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*81.45*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*36.34*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*163.52*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*227.12*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*363.38*	
		For Each 1' Of Additional Door Height, Add	*72.68*	
		For >50 To 100, Deduct	*-23.75*	
		For >100, Deduct	*-34.20*	
08 14 16 00-0132	PR	Pair 2' x 7' x 1-3/4" Solid Core, Birch Faced Door	624.34	96.01
		For 7 Ply Core, Add	*64.85*	
		For Solid Wood Staved Core (Glued Block), Add	*108.08*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*117.68*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*51.88*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*233.46*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*324.25*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*518.80*	
		For Each 1' Of Additional Door Height, Add	*103.76*	
		For >50 To 100, Deduct	*-36.02*	
		For >100, Deduct	*-51.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0133	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	610.29	100.37
		For 7 Ply Core, Add	*61.43*	
		For Solid Wood Staved Core (Glued Block), Add	*102.39*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*112.43*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*49.15*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*221.16*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*307.17*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*491.47*	
		For Each 1' Of Additional Door Height, Add	*98.29*	
		For >50 To 100, Deduct	*-35.53*	
		For >100, Deduct	*-50.79*	
08 14 16 00-0134	PR	Pair 3' x 7' x 1-3/4" Solid Core, Birch Faced Door	658.85	104.73
		For 7 Ply Core, Add	*67.41*	
		For Solid Wood Staved Core (Glued Block), Add	*112.35*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*122.82*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*53.93*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*242.67*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*337.04*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*539.27*	
		For Each 1' Of Additional Door Height, Add	*107.85*	
		For >50 To 100, Deduct	*-38.18*	
		For >100, Deduct	*-54.65*	

08 14 16 00-0135 Lauan Faced *(08 14 16 00-0124)*

08 14 16 00-0136	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door	281.09	50.53
		For 7 Ply Core, Add	*27.00*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*21.60*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*97.22*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*135.02*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*216.04*	
		For Each 1' Of Additional Door Height, Add	*43.21*	
		For >50 To 100, Deduct	*-16.58*	
		For >100, Deduct	*-23.61*	
08 14 16 00-0137	EA	2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	286.20	52.83
		For 7 Ply Core, Add	*27.08*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*21.67*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*97.50*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*135.41*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*216.66*	
		For Each 1' Of Additional Door Height, Add	*43.33*	
		For >50 To 100, Deduct	*-16.95*	
		For >100, Deduct	*-24.11*	
08 14 16 00-0138	EA	2'-8" x 7' x 1-3/4" Solid Core, Lauan Faced Door	291.39	52.83
		For 7 Ply Core, Add	*27.86*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*22.29*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*100.30*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*139.31*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*222.89*	
		For Each 1' Of Additional Door Height, Add	*44.58*	
		For >50 To 100, Deduct	*-17.21*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0139	EA	3' x 7' x 1-3/4" Solid Core, Lauan Faced Door	299.74	55.12
		For 7 Ply Core, Add	*28.42*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*22.74*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*102.32*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*142.12*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*227.39*	
		For Each 1' Of Additional Door Height, Add	*45.48*	
		For >50 To 100, Deduct	*-17.74*	
		For >100, Deduct	*-25.24*	
08 14 16 00-0140	EA	3'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door	316.87	55.12
		For 7 Ply Core, Add	*30.99*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*24.79*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*111.57*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*154.97*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*247.94*	
		For Each 1' Of Additional Door Height, Add	*49.59*	
		For >50 To 100, Deduct	*-18.60*	
		For >100, Deduct	*-26.52*	
08 14 16 00-0141	EA	3'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	336.20	57.42
		For 7 Ply Core, Add	*33.20*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*26.56*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*119.53*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*166.02*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*265.63*	
		For Each 1' Of Additional Door Height, Add	*53.13*	
		For >50 To 100, Deduct	*-19.68*	
		For >100, Deduct	*-28.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0142	PR	Pair 2' x 7' x 1-3/4" Solid Core, Lauan Faced Door	552.08	96.01
		For 7 Ply Core, Add	*54.01*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*43.21*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*194.44*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*270.05*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*432.08*	
		For Each 1' Of Additional Door Height, Add	*86.42*	
		For >50 To 100, Deduct	*-32.40*	
		For >100, Deduct	*-46.21*	
08 14 16 00-0143	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door	561.86	100.37
		For 7 Ply Core, Add	*54.17*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*43.34*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*195.01*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*270.85*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*433.36*	
		For Each 1' Of Additional Door Height, Add	*86.67*	
		For >50 To 100, Deduct	*-33.11*	
		For >100, Deduct	*-47.16*	
08 14 16 00-0144	PR	Pair 3' x 7' x 1-3/4" Solid Core, Lauan Faced Door	588.48	104.73
		For 7 Ply Core, Add	*56.85*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*45.48*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*204.67*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*284.27*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*454.82*	
		For Each 1' Of Additional Door Height, Add	*90.96*	
		For >50 To 100, Deduct	*-34.66*	
		For >100, Deduct	*-49.37*	

08 14 16 00-0145 Plastic Laminated *(08 14 16 00-0124)*

08 14 16 00-0146	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	628.11	50.53
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*63.25*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*284.61*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*395.29*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*632.46*	
		For Each 1' Of Additional Door Height, Add	*126.49*	
		For >50 To 100, Deduct	*-33.93*	
		For >100, Deduct	*-49.63*	
08 14 16 00-0147	EA	2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	649.17	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*65.22*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*293.50*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*407.64*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*652.22*	
		For Each 1' Of Additional Door Height, Add	*130.44*	
		For >50 To 100, Deduct	*-35.10*	
		For >100, Deduct	*-51.33*	
08 14 16 00-0148	EA	2'-8" x 7' x 1-3/4" Solid Core Plastic Laminated Door	649.17	52.83
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*65.22*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*293.50*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*407.64*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*652.22*	
		For Each 1' Of Additional Door Height, Add	*130.44*	
		For >50 To 100, Deduct	*-35.10*	
		For >100, Deduct	*-51.33*	
08 14 16 00-0149	EA	3'-0" x 7' x 1-3/4" Solid Core Plastic Laminated Door	719.06	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*73.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*328.76*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*456.61*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*730.57*	
		For Each 1' Of Additional Door Height, Add	*146.11*	
		For >50 To 100, Deduct	*-38.71*	
		For >100, Deduct	*-56.69*	
08 14 16 00-0150	EA	3'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	752.40	55.12
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*77.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*346.76*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*481.61*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*770.58*	
		For Each 1' Of Additional Door Height, Add	*154.12*	
		For >50 To 100, Deduct	*-40.38*	
		For >100, Deduct	*-59.19*	
08 14 16 00-0151	EA	3'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	773.65	57.42
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*79.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*355.76*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*494.11*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*790.57*	
		For Each 1' Of Additional Door Height, Add	*158.11*	
		For >50 To 100, Deduct	*-41.55*	
		For >100, Deduct	*-60.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0152	PR	Pair 2' x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,246.11	96.01
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*126.49*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*569.21*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*790.58*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,264.92*	
		For Each 1' Of Additional Door Height, Add	*252.98*	
		For >50 To 100, Deduct	*-67.11*	
		For >100, Deduct	*-98.26*	
08 14 16 00-0153	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,287.76	100.37
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*130.44*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*587.00*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*815.27*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,304.44*	
		For Each 1' Of Additional Door Height, Add	*260.89*	
		For >50 To 100, Deduct	*-69.41*	
		For >100, Deduct	*-101.60*	
08 14 16 00-0154	PR	Pair 3' x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,427.07	104.73
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*146.11*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*657.51*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*913.21*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,461.13*	
		For Each 1' Of Additional Door Height, Add	*292.23*	
		For >50 To 100, Deduct	*-76.59*	
		For >100, Deduct	*-112.27*	

08 14 16 00-0155 Oak Or Maple Faced *(08 14 16 00-0124)*

08 14 16 00-0156	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	393.02	50.53
		For 7 Ply Core, Add	*43.79*	
		For Solid Wood Staved Core (Glued Block), Add	*72.99*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*78.04*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*35.04*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*157.66*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*218.97*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*350.35*	
		For Each 1' Of Additional Door Height, Add	*70.07*	
		For >50 To 100, Deduct	*-22.18*	
		For >100, Deduct	*-32.00*	
08 14 16 00-0157	EA	2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	397.61	52.83
		For 7 Ply Core, Add	*43.79*	
		For Solid Wood Staved Core (Glued Block), Add	*72.99*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*78.27*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*35.04*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*157.66*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*218.97*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*350.35*	
		For Each 1' Of Additional Door Height, Add	*70.07*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-32.46*	
08 14 16 00-0158	EA	2'-8" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	400.61	52.83
		For 7 Ply Core, Add	*44.24*	
		For Solid Wood Staved Core (Glued Block), Add	*73.74*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*79.02*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*35.40*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*159.28*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*221.22*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*353.95*	
		For Each 1' Of Additional Door Height, Add	*70.79*	
		For >50 To 100, Deduct	*-22.67*	
		For >100, Deduct	*-32.69*	
08 14 16 00-0159	EA	3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	407.93	55.12
		For 7 Ply Core, Add	*44.65*	
		For Solid Wood Staved Core (Glued Block), Add	*74.42*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*79.93*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*35.72*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*160.75*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*223.26*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*357.22*	
		For Each 1' Of Additional Door Height, Add	*71.44*	
		For >50 To 100, Deduct	*-23.15*	
		For >100, Deduct	*-33.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0160	EA	3'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	440.63	55.12
		For 7 Ply Core, Add	*49.56*	
		For Solid Wood Staved Core (Glued Block), Add	*82.60*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*88.11*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*39.65*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*178.41*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*247.79*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*396.46*	
		For Each 1' Of Additional Door Height, Add	*79.29*	
		For >50 To 100, Deduct	*-24.79*	
		For >100, Deduct	*-35.80*	
08 14 16 00-0161	EA	3'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	529.42	57.42
		For 7 Ply Core, Add	*62.19*	
		For Solid Wood Staved Core (Glued Block), Add	*103.65*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*109.39*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*49.75*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*223.87*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*310.94*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*497.50*	
		For Each 1' Of Additional Door Height, Add	*99.50*	
		For >50 To 100, Deduct	*-29.34*	
		For >100, Deduct	*-42.58*	
08 14 16 00-0162	PR	Pair 2' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	751.68	96.01
		For 7 Ply Core, Add	*83.95*	
		For Solid Wood Staved Core (Glued Block), Add	*139.92*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*149.52*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*67.16*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*302.22*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*419.75*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*671.60*	
		For Each 1' Of Additional Door Height, Add	*134.32*	
		For >50 To 100, Deduct	*-42.38*	
		For >100, Deduct	*-61.18*	
08 14 16 00-0163	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	764.35	100.37
		For 7 Ply Core, Add	*84.54*	
		For Solid Wood Staved Core (Glued Block), Add	*140.91*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*150.94*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*67.63*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*304.35*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*422.72*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*676.34*	
		For Each 1' Of Additional Door Height, Add	*135.27*	
		For >50 To 100, Deduct	*-43.24*	
		For >100, Deduct	*-62.34*	
08 14 16 00-0164	PR	Pair 3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	803.47	104.73
		For 7 Ply Core, Add	*89.10*	
		For Solid Wood Staved Core (Glued Block), Add	*148.50*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*158.98*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*71.28*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*320.77*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*445.51*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*712.81*	
		For Each 1' Of Additional Door Height, Add	*142.56*	
		For >50 To 100, Deduct	*-45.41*	
		For >100, Deduct	*-65.50*	

08 14 16 00-0165 Walnut Faced *(08 14 16 00-0124)*

08 14 16 00-0166	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	549.02	50.53
		For 7 Ply Core, Add	*67.19*	
		For Solid Wood Staved Core (Glued Block), Add	*156.79*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*117.04*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*53.76*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*241.90*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*335.97*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*537.55*	
		For Each 1' Of Additional Door Height, Add	*107.51*	
		For >50 To 100, Deduct	*-29.98*	
		For >100, Deduct	*-43.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0167	EA	2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	553.74	52.83
		For 7 Ply Core, Add	*67.21*	
		For Solid Wood Staved Core (Glued Block), Add	*156.83*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*117.31*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*53.77*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*241.97*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*336.07*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*537.71*	
		For Each 1' Of Additional Door Height, Add	*107.54*	
		For >50 To 100, Deduct	*-30.33*	
		For >100, Deduct	*-44.17*	
08 14 16 00-0168	EA	2'-8" x 7' x 1-3/4" Solid Core, Walnut Faced Door	558.38	52.83
		For 7 Ply Core, Add	*67.91*	
		For Solid Wood Staved Core (Glued Block), Add	*158.46*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*118.47*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*54.33*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*244.47*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*339.55*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*543.28*	
		For Each 1' Of Additional Door Height, Add	*108.66*	
		For >50 To 100, Deduct	*-30.56*	
		For >100, Deduct	*-44.52*	
08 14 16 00-0169	EA	3' x 7' x 1-3/4" Solid Core, Walnut Faced Door	587.09	55.12
		For 7 Ply Core, Add	*71.53*	
		For Solid Wood Staved Core (Glued Block), Add	*166.89*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*124.72*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*57.22*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*257.49*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*357.63*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*572.21*	
		For Each 1' Of Additional Door Height, Add	*114.44*	
		For >50 To 100, Deduct	*-32.11*	
		For >100, Deduct	*-46.79*	
08 14 16 00-0170	EA	3'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	618.43	55.12
		For 7 Ply Core, Add	*76.23*	
		For Solid Wood Staved Core (Glued Block), Add	*177.86*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*132.56*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*60.98*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*274.42*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*381.14*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*609.82*	
		For Each 1' Of Additional Door Height, Add	*121.96*	
		For >50 To 100, Deduct	*-33.68*	
		For >100, Deduct	*-49.14*	
08 14 16 00-0171	EA	3'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	755.17	57.42
		For 7 Ply Core, Add	*96.05*	
		For Solid Wood Staved Core (Glued Block), Add	*224.12*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*165.82*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*76.84*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*345.78*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*480.25*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*768.40*	
		For Each 1' Of Additional Door Height, Add	*153.68*	
		For >50 To 100, Deduct	*-40.63*	
		For >100, Deduct	*-59.51*	
08 14 16 00-0172	PR	Pair 2' x 7' x 1-3/4" Solid Core, Walnut Faced Door	1,050.87	96.01
		For 7 Ply Core, Add	*128.83*	
		For Solid Wood Staved Core (Glued Block), Add	*300.60*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*224.32*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*103.06*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*463.78*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*644.15*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,030.63*	
		For Each 1' Of Additional Door Height, Add	*206.13*	
		For >50 To 100, Deduct	*-57.34*	
		For >100, Deduct	*-83.62*	
08 14 16 00-0173	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	1,065.58	100.37
		For 7 Ply Core, Add	*129.73*	
		For Solid Wood Staved Core (Glued Block), Add	*302.70*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*226.25*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*103.78*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*467.02*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*648.64*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,037.82*	
		For Each 1' Of Additional Door Height, Add	*207.56*	
		For >50 To 100, Deduct	*-58.30*	
		For >100, Deduct	*-84.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0174	PR	Pair 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door	1,149.52	104.73
		For 7 Ply Core, Add	*141.01*	
		For Solid Wood Staved Core (Glued Block), Add	*329.02*	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	*245.49*	
		For Machining for Mortise Lock, Add	*35.00*	
		For Commercial Grade 20 Minute Fire Rated Door, Add	*112.81*	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	*507.63*	
		For Commercial Grade 1 Hour Fire Rated Door, Add	*705.05*	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	*1,128.07*	
		For Each 1' Of Additional Door Height, Add	*225.61*	
		For >50 To 100, Deduct	*-62.71*	
		For >100, Deduct	*-91.45*	

08 14 16 00-0175 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0176	EA	Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door	37.96	
		Note: Includes any standard manufacturer color on six sides.		
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*12.64*	

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	613.54	113.00
08 14 23 13-0003	EA	2' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	655.31	124.03
08 14 23 13-0004	EA	2' 10" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	703.66	136.88
08 14 23 13-0005	EA	3' x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	735.38	141.48
08 14 23 13-0006	EA	3' 4" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	786.37	155.72
08 14 23 13-0007	EA	3' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type	852.88	160.77

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	452.95	132.30
08 14 66 00-0003	EA	3' x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware	473.36	146.99
08 14 66 00-0004	EA	2'-8" x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware	452.95	132.30
08 14 66 00-0005	EA	3' x 7' Wood Screen Door, Residential, With Frame, Trim, Hardware	473.36	146.99

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Pocket Door *(08 14 73)*

Note: Includes door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0054 for accessories to be added.

08 14 73 00-0002 1-3/8" Thick *(08 14 73 00-0001)*

See CSI section 08 14 73 00-0054 for all jambs and track hardware.

08 14 73 00-0003 6'-8" High *(08 14 73 00-0002)*

08 14 73 00-0004	EA	2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	513.89	32.16
		For Oak, Add	*124.09*	
		For Ash/Hickory, Add	*180.74*	
		For Walnut, Add	*263.46*	
		For Cherry, Add	*428.46*	
08 14 73 00-0005	EA	2'-4" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	529.38	34.45
		For Oak, Add	*127.10*	
		For Ash/Hickory, Add	*185.12*	
		For Walnut, Add	*269.85*	
		For Cherry, Add	*438.85*	
08 14 73 00-0006	EA	2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	547.60	36.75
		For Oak, Add	*130.86*	
		For Ash/Hickory, Add	*190.60*	
		For Walnut, Add	*277.83*	
		For Cherry, Add	*451.84*	
08 14 73 00-0007	EA	2'-8" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	560.36	39.05
		For Oak, Add	*133.11*	
		For Ash/Hickory, Add	*193.88*	
		For Walnut, Add	*282.62*	
		For Cherry, Add	*459.62*	
08 14 73 00-0008	EA	2'-10" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	578.59	41.34
		For Oak, Add	*136.87*	
		For Ash/Hickory, Add	*199.36*	
		For Walnut, Add	*290.60*	
		For Cherry, Add	*472.60*	
08 14 73 00-0009	EA	3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	594.08	43.64
		For Oak, Add	*139.88*	
		For Ash/Hickory, Add	*203.74*	
		For Walnut, Add	*296.99*	
		For Cherry, Add	*482.99*	
08 14 73 00-0010	EA	Pair 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,014.02	57.42
		For Oak, Add	*248.17*	
		For Ash/Hickory, Add	*361.47*	
		For Walnut, Add	*526.92*	
		For Cherry, Add	*856.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0011	EA	Pair 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,072.25	62.01
		For Oak, Add	*261.71*	
		For Ash/Hickory, Add	*381.19*	
		For Walnut, Add	*555.66*	
		For Cherry, Add	*903.66*	
08 14 73 00-0012	EA	Pair 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,146.85	66.61
		For Oak, Add	*279.76*	
		For Ash/Hickory, Add	*407.48*	
		For Walnut, Add	*593.99*	
		For Cherry, Add	*965.99*	

08 14 73 00-0013 7' High *(08 14 73 00-0002)*

08 14 73 00-0014	EA	2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	609.26	32.16
		For Oak, Add	*127.52*	
		For Ash/Hickory, Add	*127.52*	
		For Walnut, Add	*209.81*	
		For Cherry, Add	*394.01*	
08 14 73 00-0015	EA	2'-4" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	638.37	34.45
		For Oak, Add	*133.26*	
		For Ash/Hickory, Add	*133.26*	
		For Walnut, Add	*219.25*	
		For Cherry, Add	*411.73*	
08 14 73 00-0016	EA	2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	659.31	36.75
		For Oak, Add	*137.08*	
		For Ash/Hickory, Add	*137.08*	
		For Walnut, Add	*225.54*	
		For Cherry, Add	*423.56*	
08 14 73 00-0017	EA	2'-8" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	677.53	39.05
		For Oak, Add	*140.27*	
		For Ash/Hickory, Add	*140.27*	
		For Walnut, Add	*230.79*	
		For Cherry, Add	*433.41*	
08 14 73 00-0018	EA	2'-10" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	693.04	41.34
		For Oak, Add	*142.82*	
		For Ash/Hickory, Add	*142.82*	
		For Walnut, Add	*234.99*	
		For Cherry, Add	*441.29*	
08 14 73 00-0019	EA	3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	713.97	43.64
		For Oak, Add	*146.65*	
		For Ash/Hickory, Add	*146.65*	
		For Walnut, Add	*241.28*	
		For Cherry, Add	*453.10*	
08 14 73 00-0020	EA	Pair 2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,204.76	57.42
		For Oak, Add	*255.04*	
		For Ash/Hickory, Add	*255.04*	
		For Walnut, Add	*419.62*	
		For Cherry, Add	*788.01*	
08 14 73 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,295.68	62.01
		For Oak, Add	*274.17*	
		For Ash/Hickory, Add	*274.17*	
		For Walnut, Add	*451.09*	
		For Cherry, Add	*847.11*	
08 14 73 00-0022	EA	Pair 3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced	1,386.63	66.61
		For Oak, Add	*293.30*	
		For Ash/Hickory, Add	*293.30*	
		For Walnut, Add	*482.56*	
		For Cherry, Add	*906.22*	

08 14 73 00-0023 1-3/4" Thick *(08 14 73 00-0001)*

See CSI section 08 14 73 00-0054 for all jambs and track hardware.

08 14 73 00-0024 6'-8" High *(08 14 73 00-0023)*

08 14 73 00-0025	EA	2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	772.75	32.16
		For Oak, Add	*165.78*	
		For Ash/Hickory, Add	*165.78*	
		For Walnut, Add	*272.75*	
		For Cherry, Add	*512.21*	
08 14 73 00-0026	EA	2'-4" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	810.04	34.45
		For Oak, Add	*173.43*	
		For Ash/Hickory, Add	*173.43*	
		For Walnut, Add	*285.34*	
		For Cherry, Add	*535.85*	
08 14 73 00-0027	EA	2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	830.97	36.75
		For Oak, Add	*177.25*	
		For Ash/Hickory, Add	*177.25*	
		For Walnut, Add	*291.63*	
		For Cherry, Add	*547.67*	
08 14 73 00-0028	EA	2'-8" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	854.64	39.05
		For Oak, Add	*181.72*	
		For Ash/Hickory, Add	*181.72*	
		For Walnut, Add	*298.98*	
		For Cherry, Add	*561.46*	
08 14 73 00-0029	EA	2'-10" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	875.60	41.34
		For Oak, Add	*185.54*	
		For Ash/Hickory, Add	*185.54*	
		For Walnut, Add	*305.27*	
		For Cherry, Add	*573.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0030	EA	3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	896.54	43.64
		For Oak, Add	*189.37*	
		For Ash/Hickory, Add	*189.37*	
		For Walnut, Add	*311.57*	
		For Cherry, Add	*585.10*	
08 14 73 00-0031	EA	Pair 2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,531.74	57.42
		For Oak, Add	*331.55*	
		For Ash/Hickory, Add	*331.55*	
		For Walnut, Add	*545.51*	
		For Cherry, Add	*1,024.42*	
08 14 73 00-0032	EA	Pair 2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,639.01	62.01
		For Oak, Add	*354.51*	
		For Ash/Hickory, Add	*354.51*	
		For Walnut, Add	*583.27*	
		For Cherry, Add	*1,095.34*	
08 14 73 00-0033	EA	Pair 3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,751.75	66.61
		For Oak, Add	*378.74*	
		For Ash/Hickory, Add	*378.74*	
		For Walnut, Add	*623.13*	
		For Cherry, Add	*1,170.20*	

08 14 73 00-0034 7' High *(08 14 73 00-0023)*

08 14 73 00-0035	EA	2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	827.24	32.16
		For Oak, Add	*178.53*	
		For Ash/Hickory, Add	*178.53*	
		For Walnut, Add	*293.73*	
		For Cherry, Add	*551.61*	
08 14 73 00-0036	EA	2'-4" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	869.98	34.45
		For Oak, Add	*187.46*	
		For Ash/Hickory, Add	*187.46*	
		For Walnut, Add	*308.42*	
		For Cherry, Add	*579.19*	
08 14 73 00-0037	EA	2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	893.64	36.75
		For Oak, Add	*191.92*	
		For Ash/Hickory, Add	*191.92*	
		For Walnut, Add	*315.76*	
		For Cherry, Add	*592.98*	
08 14 73 00-0038	EA	2'-8" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	917.31	39.05
		For Oak, Add	*196.38*	
		For Ash/Hickory, Add	*196.38*	
		For Walnut, Add	*323.11*	
		For Cherry, Add	*606.77*	
08 14 73 00-0039	EA	2'-10" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	938.27	41.34
		For Oak, Add	*200.21*	
		For Ash/Hickory, Add	*200.21*	
		For Walnut, Add	*329.40*	
		For Cherry, Add	*618.59*	
08 14 73 00-0040	EA	3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	961.93	43.64
		For Oak, Add	*204.67*	
		For Ash/Hickory, Add	*204.67*	
		For Walnut, Add	*336.74*	
		For Cherry, Add	*632.38*	
08 14 73 00-0041	EA	Pair 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,640.73	57.42
		For Oak, Add	*357.06*	
		For Ash/Hickory, Add	*357.06*	
		For Walnut, Add	*587.47*	
		For Cherry, Add	*1,103.22*	
08 14 73 00-0042	EA	Pair 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,764.35	62.01
		For Oak, Add	*383.84*	
		For Ash/Hickory, Add	*383.84*	
		For Walnut, Add	*631.53*	
		For Cherry, Add	*1,185.96*	
08 14 73 00-0043	EA	Pair 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,882.54	66.61
		For Oak, Add	*409.34*	
		For Ash/Hickory, Add	*409.34*	
		For Walnut, Add	*673.49*	
		For Cherry, Add	*1,264.76*	

08 14 73 00-0044 8' High *(08 14 73 00-0023)*

08 14 73 00-0045	EA	2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	881.74	32.16
		For Oak, Add	*191.28*	
		For Ash/Hickory, Add	*191.28*	
		For Walnut, Add	*314.71*	
		For Cherry, Add	*591.01*	
08 14 73 00-0046	EA	2'-4" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	924.48	34.45
		For Oak, Add	*200.21*	
		For Ash/Hickory, Add	*200.21*	
		For Walnut, Add	*329.40*	
		For Cherry, Add	*618.59*	
08 14 73 00-0047	EA	2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	950.87	36.75
		For Oak, Add	*205.31*	
		For Ash/Hickory, Add	*205.31*	
		For Walnut, Add	*337.80*	
		For Cherry, Add	*634.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0048	EA	2'-8" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	977.25	39.05
		For Oak, Add	*210.41*	
		For Ash/Hickory, Add	*210.41*	
		For Walnut, Add	*346.18*	
		For Cherry, Add	*650.11*	
08 14 73 00-0049	EA	2'-10" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	998.21	41.34
		For Oak, Add	*214.23*	
		For Ash/Hickory, Add	*214.23*	
		For Walnut, Add	*352.48*	
		For Cherry, Add	*661.93*	
08 14 73 00-0050	EA	3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,024.60	43.64
		For Oak, Add	*219.34*	
		For Ash/Hickory, Add	*219.34*	
		For Walnut, Add	*360.87*	
		For Cherry, Add	*677.69*	
08 14 73 00-0051	EA	Pair 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,749.72	57.42
		For Oak, Add	*382.56*	
		For Ash/Hickory, Add	*382.56*	
		For Walnut, Add	*629.43*	
		For Cherry, Add	*1,182.02*	
08 14 73 00-0052	EA	Pair 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,878.79	62.01
		For Oak, Add	*410.62*	
		For Ash/Hickory, Add	*410.62*	
		For Walnut, Add	*675.59*	
		For Cherry, Add	*1,268.70*	
08 14 73 00-0053	EA	Pair 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	2,007.88	66.61
		For Oak, Add	*438.67*	
		For Ash/Hickory, Add	*438.67*	
		For Walnut, Add	*721.74*	
		For Cherry, Add	*1,355.38*	

08 14 73 00-0054 Accessories *(08 14 73 00-0001)*

08 14 73 00-0055 Jamb Replacement *(08 14 73 00-0054)*

08 14 73 00-0056	EA	4-9/16 Or 4-3/4" Jamb, Birch	110.26	
		For Oak, Add	*7.27*	
		For Ash/Hickory, Add	*11.38*	
		For Walnut, Add	*24.89*	
		For Cherry, Add	*39.43*	
08 14 73 00-0057	EA	5-1/4" Jamb, Birch	112.33	
		For Oak, Add	*7.50*	
		For Ash/Hickory, Add	*11.75*	
		For Walnut, Add	*25.69*	
		For Cherry, Add	*40.70*	
08 14 73 00-0058	EA	6-9/16" Or 6-3/4" Jamb, Birch	125.82	
		For Oak, Add	*9.03*	
		For Ash/Hickory, Add	*14.14*	
		For Walnut, Add	*30.91*	
		For Cherry, Add	*48.97*	

08 14 73 00-0059 Track And Hardware Replacement Kits *(08 14 73 00-0054)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0060	EA	Up To 2'-6" x 6'-8" Door Track And Hardware	190.44	
08 14 73 00-0061	EA	2'-8" x 6'-8" Door Track And Hardware	191.96	
08 14 73 00-0062	EA	3' x 6'-8" Door Track And Hardware	194.99	
08 14 73 00-0063	EA	Up To 2'-6" x 7' Door Track And Hardware	223.86	
08 14 73 00-0064	EA	2'-8" x 7' Door Track And Hardware	225.38	
08 14 73 00-0065	EA	3' x 7' Door Track And Hardware	228.42	
08 14 73 00-0066	EA	Up To 2'-6" x 8' Door Track And Hardware	239.05	
08 14 73 00-0067	EA	2'-8" x 8' Door Track And Hardware	240.57	
08 14 73 00-0068	EA	3' x 8' Door Track And Hardware	243.61	
08 14 73 00-0069	EA	Double Door Converging Kit	28.97	

08 14 73 00-0070 Lauan Faced Hollow Core Flush Bi-Pass Doors *(08 14 73)*

08 14 73 00-0071	EA	4'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	267.38	73.47
08 14 73 00-0072	EA	5'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	284.77	78.07
08 14 73 00-0073	EA	6'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	308.79	82.65
08 14 73 00-0074	EA	8'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	412.69	87.25

08 14 73 00-0075 Birch Faced Hollow Core Flush Bi-Pass Doors *(08 14 73)*

08 14 73 00-0076	EA	4'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	283.16	73.47
08 14 73 00-0077	EA	5'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	309.37	78.07
08 14 73 00-0078	EA	6'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	335.87	82.65
08 14 73 00-0079	EA	8'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	444.25	87.25

08 14 73 00-0080 Molded High Density Fiberboard Hollow Core Paneled Bi-Pass Doors *(08 14 73)*

08 14 73 00-0081	EA	4'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	283.61	73.47
08 14 73 00-0082	EA	5'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	308.28	78.07
08 14 73 00-0083	EA	6'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	334.05	82.65
08 14 73 00-0084	EA	8'-0", Four 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	445.14	87.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 76 Bifolding Wood Doors *(08 14)*

08 14 76 00-0001 Bi-Fold Wood Doors *(08 14 76)*

Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.

08 14 76 00-0002 Lauan Faced Hollow Core Flush Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0003	EA	2’-0”, Two 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	148.83	55.10
08 14 76 00-0004	EA	2’-6”, Two 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	158.01	59.70
08 14 76 00-0005	EA	2’-8”, Two 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	169.77	64.29
08 14 76 00-0006	EA	3’-0”, Two 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	178.96	68.88
08 14 76 00-0007	EA	4’-0”, Four 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	221.07	73.47
08 14 76 00-0008	EA	5’-0”, Four 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	230.25	78.07
08 14 76 00-0009	EA	6’-0”, Four 1-3/8” Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	244.90	82.65

08 14 76 00-0010 Birch Faced Hollow Core Flush Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0011	EA	2’-0”, Two 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	155.14	55.10
08 14 76 00-0012	EA	2’-6”, Two 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	166.38	59.70
08 14 76 00-0013	EA	2’-8”, Two 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	179.53	64.29
08 14 76 00-0014	EA	3’-0”, Two 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	188.72	68.88
08 14 76 00-0015	EA	4’-0”, Four 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	234.56	73.47
08 14 76 00-0016	EA	5’-0”, Four 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	251.28	78.07
08 14 76 00-0017	EA	6’-0”, Four 1-3/8” Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	268.81	82.65

08 14 76 00-0018 Oak Faced Hollow Core Flush Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0019	EA	2’-0”, Two 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	155.43	55.10
08 14 76 00-0020	EA	2’-6”, Two 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	170.42	59.70
08 14 76 00-0021	EA	2’-8”, Two 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	183.25	64.29
08 14 76 00-0022	EA	3’-0”, Two 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	192.44	68.88
08 14 76 00-0023	EA	4’-0”, Four 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	237.82	73.47
08 14 76 00-0024	EA	5’-0”, Four 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	248.31	78.07
08 14 76 00-0025	EA	6’-0”, Four 1-3/8” Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	268.81	82.65

08 14 76 00-0026 Pine Raised Panel Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0027	EA	2’-0”, Two 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	342.75	55.10
08 14 76 00-0028	EA	2’-6”, Two 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	389.50	59.70
08 14 76 00-0029	EA	2’-8”, Two 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	442.35	64.29
08 14 76 00-0030	EA	3’-0”, Two 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	451.54	68.88
08 14 76 00-0031	EA	4’-0”, Four 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	612.02	73.47
08 14 76 00-0032	EA	5’-0”, Four 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	696.35	78.07
08 14 76 00-0033	EA	6’-0”, Four 1-3/8” Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold	792.87	82.65

08 14 76 00-0034 Oak Raised Panel Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0035	EA	2’-0”, Two 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	429.07	55.10
08 14 76 00-0036	EA	2’-6”, Two 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	465.66	59.70
08 14 76 00-0037	EA	2’-8”, Two 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	508.35	64.29
08 14 76 00-0038	EA	3’-0”, Two 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	517.54	68.88
08 14 76 00-0039	EA	4’-0”, Four 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	784.65	73.47
08 14 76 00-0040	EA	5’-0”, Four 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	848.67	78.07
08 14 76 00-0041	EA	6’-0”, Four 1-3/8” Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	924.88	82.65

08 14 76 00-0042 Molded High Density Fiberboard Hollow Core Paneled Bi-Fold Doors *(08 14 76 00-0001)*

08 14 76 00-0043	EA	2’-0”, Two 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	151.05	55.10
08 14 76 00-0044	EA	2’-6”, Two 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	162.82	59.70
08 14 76 00-0045	EA	2’-8”, Two 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	177.49	64.29
08 14 76 00-0046	EA	3’-0”, Two 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	182.06	68.88
08 14 76 00-0047	EA	4’-0”, Four 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	217.42	73.47
08 14 76 00-0048	EA	5’-0”, Four 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	233.84	78.07
08 14 76 00-0049	EA	6’-0”, Four 1-3/8” Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold	258.70	82.65

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors *(08 15)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 00-0001 Laminated Plastic Doors *(08 15 13)*

Note: 0.125" acrylic/PVC thermoplastic face sheet over 1-1/2" x 1-1/2" x 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	Door, Plastic Clad 1-3/8", 1/6 X 6/8	282.86	45.94
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0003	EA	Door, Plastic Clad 1-3/4", 1/6 X 6/8	282.86	45.94
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0004	EA	Door, Plastic Clad 1-3/8", 1/6 X 7/0	282.86	45.94
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0005	EA	Door, Plastic Clad 1-3/4", 1/6 X 7/0	282.86	45.94
		For Machining for Mortise Lock, Add	*35.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 15 13 00-0006	EA	Door, Plastic Clad 1-3/8", 2/0 X 6/8	292.05	50.53
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0007	EA	Door, Plastic Clad 1-3/4", 2/0 X 6/8	292.05	50.53
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0008	EA	Door, Plastic Clad 1-3/8", 2/0 X 7/0	292.05	50.53
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0009	EA	Door, Plastic Clad 1-3/4", 2/0 X 7/0	292.05	50.53
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0010	EA	Door, Plastic Clad 1-3/8", 2/6 X 6/8	316.36	52.83
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0011	EA	Door, Plastic Clad 1-3/4", 2/6 X 6/8	316.36	52.83
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0012	EA	Door, Plastic Clad 1-3/8", 2/6 X 7/0	316.36	50.53
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0013	EA	Door, Plastic Clad 1-3/4", 2/6 X 7/0	316.36	52.83
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0014	EA	Door, Plastic Clad 1-3/8", 3/0 X 6/8	340.69	55.12
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0015	EA	Door, Plastic Clad 1-3/4", 3/0 X 6/8	340.69	55.12
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0016	EA	Door, Plastic Clad 1-3/8", 3/0 X 7/0	340.69	55.12
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0017	EA	Door, Plastic Clad 1-3/4", 3/0 X 7/0	340.69	55.12
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0018	EA	Door, Plastic Clad 1-3/8", 3/6 X 6/8	376.42	57.42
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0019	EA	Door, Plastic Clad 1-3/4", 3/6 X 6/8	376.42	57.42
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0020	EA	Door, Plastic Clad 1-3/8", 3/6 X 7/0	376.42	57.42
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0021	EA	Door, Plastic Clad 1-3/4", 3/6 X 7/0	376.42	57.42
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0022	EA	Door, Plastic Clad 1-3/8", 4/0 X 6/8	426.09	62.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0023	EA	Door, Plastic Clad 1-3/4", 4/0 X 6/8	426.09	62.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0024	EA	Door, Plastic Clad 1-3/8", 4/0 X 7/0	426.09	62.01
		For Machining for Mortise Lock, Add	*35.00*	
08 15 13 00-0025	EA	Door, Plastic Clad 1-3/4", 4/0 X 7/0	426.09	62.01
		For Machining for Mortise Lock, Add	*35.00*	

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,000.05	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,134.44	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,339.43	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0009	PR	Pair 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,660.16	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0010	PR	Pair 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,897.69	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0011	PR	Pair 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,337.55	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0012 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0013	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,000.05	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0014	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,187.24	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0015	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,395.53	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0016	PR	Pair 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,660.16	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0017	PR	Pair 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,131.99	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0018	PR	Pair 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,449.75	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0019 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0020 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0019)*

08 16 13 00-0021 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0020)*

08 16 13 00-0022	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0023	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,419.34	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0024	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,757.43	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0025	PR	Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0026	PR	Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,251.89	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0027	PR	Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,972.25	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0028 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0020)*

08 16 13 00-0029	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0030	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,590.94	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0031	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,821.23	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0032	PR	Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0033	PR	Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,596.19	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0034	PR	Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,100.95	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0035 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0036		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0035)*		
08 16 13 00-0037	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0038	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,419.34	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0039	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,757.43	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0040	PR	Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0041	PR	Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,251.89	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0042	PR	Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,972.25	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0043		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0035)*		
08 16 13 00-0044	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0045	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,590.94	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0046	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,821.23	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0047	PR	Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0048	PR	Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,596.19	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0049	PR	Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,100.95	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0050		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0019)*		
08 16 13 00-0051		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0050)*		
08 16 13 00-0052	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0053	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,419.34	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0054	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,757.43	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0055	PR	Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0056	PR	Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,251.89	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0057	PR	Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,972.25	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0058		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0050)*		
08 16 13 00-0059	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,369.65	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0060	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,590.94	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0061	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,821.23	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0062	PR	Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,198.06	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0063	PR	Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,596.19	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0064	PR	Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	5,100.95	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0065		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0066		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0065)*		
08 16 13 00-0067	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,113.35	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0068		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0065)*		
08 16 13 00-0069	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,113.35	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0070		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*		
08 16 13 00-0071	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.28	
08 16 13 00-0072	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.29	
08 16 13 00-0073	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.38	
08 16 13 00-0074	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.36	
08 16 13 00-0075	SI	Factory Installed Molded Louver (Chem-Pruf)	0.72	
08 16 13 00-0076	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	0.81	
08 16 13 00-0077	LF	Weather Strip (Chem-Pruf)	7.70	
08 16 13 00-0078	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	9.90	
08 16 13 00-0079	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	20.90	
08 16 13 00-0080	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	23.10	
08 16 13 00-0081	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	45.10	
08 16 13 00-0082		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*		
08 16 13 00-0083		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0082)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0084		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0083)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0085		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0084)*		
08 16 13 00-0086	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,534.29	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0087	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,556.18	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0088	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,631.92	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0089	PR	Pair 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,847.24	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0090	PR	Pair 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,890.57	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0091	PR	Pair 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,041.13	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0092 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0084)*

08 16 13 00-0093	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,534.29	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0094	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,622.73	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0095	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,631.92	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0096	PR	Pair 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,847.24	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0097	PR	Pair 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,023.67	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0098	PR	Pair 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,041.13	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0099 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0083)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0100 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0099)*

08 16 13 00-0101 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0100)*

08 16 13 00-0102	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0103	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,585.04	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0104	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,708.70	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0105	PR	Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0106	PR	Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,672.78	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0107	PR	Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,919.17	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0108 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0100)*

08 16 13 00-0109	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0110	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,603.68	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0111	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,765.93	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0112	PR	Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0113	PR	Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,710.05	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0114	PR	Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	5,033.64	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0115 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0099)*

08 16 13 00-0116 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0115)*

08 16 13 00-0117	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0118	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,585.04	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0119	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,708.70	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0120	PR	Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0121	PR	Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,672.78	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0122	PR	Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,919.17	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0123 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0115)*

08 16 13 00-0124	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0125	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,603.68	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0126	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,765.93	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0127	PR	Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0128	PR	Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,710.05	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0129	PR	Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	5,033.64	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0130 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0099)*

08 16 13 00-0131 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0130)*

08 16 13 00-0132	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0133	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,585.04	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0134	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,708.70	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0135	PR	Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0136	PR	Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,672.78	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0137	PR	Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,919.17	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0138 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0130)*

08 16 13 00-0139	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,532.54	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0140	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,603.68	57.42
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0141	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,765.93	62.01
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	
08 16 13 00-0142	PR	Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,568.22	104.73
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0143	PR	Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,710.05	109.09
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	
08 16 13 00-0144	PR	Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	5,033.64	117.82
		For Custom Color Finish, Add	*205.70*	
		For Stainless Steel Continuous Hinge, Add	*457.86*	

08 16 13 00-0145 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0083)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0146 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0145)*

08 16 13 00-0147	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,733.94	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	

08 16 13 00-0148 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0145)*

08 16 13 00-0149	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,733.94	55.12
		For Custom Color Finish, Add	*102.85*	
		For Stainless Steel Continuous Hinge, Add	*228.93*	

08 16 13 00-0150 Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0082)*

08 16 13 00-0151	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.63
08 16 13 00-0152	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.65
08 16 13 00-0153	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.68
08 16 13 00-0154	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	0.98
08 16 13 00-0155	SI	Factory Installed Molded Louver (Skule Door)	0.39
08 16 13 00-0156	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.62
08 16 13 00-0157	LF	Weather Strip (Skule Door)	5.32
08 16 13 00-0158	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	6.66
08 16 13 00-0159	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	21.30
08 16 13 00-0160	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	75.87
08 16 13 00-0161	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	29.28

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001 Pre-Hung Interior Door Units *(08 17 23)*

Note: All prehung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	369.34	57.42
		For Each 1' Of Additional Door Height, Add	*61.08*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	384.97	57.42
		For Each 1' Of Additional Door Height, Add	*64.83*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	405.22	59.72
		For Each 1' Of Additional Door Height, Add	*68.59*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	414.47	62.01
		For Each 1' Of Additional Door Height, Add	*69.71*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	442.83	62.01
		For Each 1' Of Additional Door Height, Add	*76.51*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	467.83	64.31
		For Each 1' Of Additional Door Height, Add	*81.41*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	697.31	94.17
		For Each 1' Of Additional Door Height, Add	*122.16*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	742.41	101.06
		For Each 1' Of Additional Door Height, Add	*129.67*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	796.77	107.95
		For Each 1' Of Additional Door Height, Add	*139.41*	
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	336.04	57.42
		For Each 1' Of Additional Door Height, Add	*53.09*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	351.05	57.42
		For Each 1' Of Additional Door Height, Add	*56.69*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	368.28	59.72
		For Each 1' Of Additional Door Height, Add	*59.72*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	381.82	62.01
		For Each 1' Of Additional Door Height, Add	*61.87*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	406.46	62.01
		For Each 1' Of Additional Door Height, Add	*67.78*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	429.11	64.31
		For Each 1' Of Additional Door Height, Add	*72.12*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	630.75	94.17
		For Each 1' Of Additional Door Height, Add	*106.18*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	674.47	101.06
		For Each 1' Of Additional Door Height, Add	*113.37*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	731.54	107.95
		For Each 1' Of Additional Door Height, Add	*123.75*	
08 17 23 00-0023		Tempered Hardboard Faced *(08 17 23 00-0002)*		
08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	288.24	57.42
		For Each 1' Of Additional Door Height, Add	*41.62*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	300.89	57.42
		For Each 1' Of Additional Door Height, Add	*44.65*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	311.48	59.72
		For Each 1' Of Additional Door Height, Add	*46.09*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	328.08	62.01
		For Each 1' Of Additional Door Height, Add	*48.97*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	350.51	62.01
		For Each 1' Of Additional Door Height, Add	*54.36*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	369.61	64.31
		For Each 1' Of Additional Door Height, Add	*57.84*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	535.14	94.17
		For Each 1' Of Additional Door Height, Add	*83.23*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	574.20	101.06
		For Each 1' Of Additional Door Height, Add	*89.30*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	623.99	107.95
		For Each 1' Of Additional Door Height, Add	*97.95*	
08 17 23 00-0033		Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0034		Birch Faced *(08 17 23 00-0033)*		
08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	489.58	57.42
		For Each 1' Of Additional Door Height, Add	*89.94*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	509.29	57.42
		For Each 1' Of Additional Door Height, Add	*94.67*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	533.55	59.72
		For Each 1' Of Additional Door Height, Add	*99.39*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	562.13	62.01
		For Each 1' Of Additional Door Height, Add	*105.15*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	610.23	62.01
		For Each 1' Of Additional Door Height, Add	*116.69*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	657.33	64.31
		For Each 1' Of Additional Door Height, Add	*126.89*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	937.81	94.17
		For Each 1' Of Additional Door Height, Add	*179.88*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	991.01	101.06
		For Each 1' Of Additional Door Height, Add	*189.34*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,092.10	107.95
		For Each 1' Of Additional Door Height, Add	*210.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0044		Lauan Faced *(08 17 23 00-0033)*		
08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	439.28	57.42
		For Each 1' Of Additional Door Height, Add	*77.87*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	457.12	57.42
		For Each 1' Of Additional Door Height, Add	*82.15*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	479.53	59.72
		For Each 1' Of Additional Door Height, Add	*86.42*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	502.12	62.01
		For Each 1' Of Additional Door Height, Add	*90.74*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	543.71	62.01
		For Each 1' Of Additional Door Height, Add	*100.73*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	575.16	64.31
		For Each 1' Of Additional Door Height, Add	*107.17*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	837.20	94.17
		For Each 1' Of Additional Door Height, Add	*155.73*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	886.70	101.06
		For Each 1' Of Additional Door Height, Add	*164.30*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	972.08	107.95
		For Each 1' Of Additional Door Height, Add	*181.49*	
08 17 23 00-0054		Tempered Hardboard Faced *(08 17 23 00-0033)*		
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	394.49	57.42
		For Each 1' Of Additional Door Height, Add	*67.12*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	410.68	57.42
		For Each 1' Of Additional Door Height, Add	*71.00*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	431.51	59.72
		For Each 1' Of Additional Door Height, Add	*74.90*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	442.11	62.01
		For Each 1' Of Additional Door Height, Add	*76.34*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	477.19	62.01
		For Each 1' Of Additional Door Height, Add	*84.76*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	504.40	64.31
		For Each 1' Of Additional Door Height, Add	*90.19*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	747.62	94.17
		For Each 1' Of Additional Door Height, Add	*134.23*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	793.78	101.06
		For Each 1' Of Additional Door Height, Add	*142.00*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	852.05	107.95
		For Each 1' Of Additional Door Height, Add	*152.68*	
08 17 23 00-0064		Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*		
08 17 23 00-0065		Birch Faced *(08 17 23 00-0064)*		
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	432.92	57.42
		For Each 1' Of Additional Door Height, Add	*76.34*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	444.93	57.42
		For Each 1' Of Additional Door Height, Add	*79.22*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	453.96	59.72
		For Each 1' Of Additional Door Height, Add	*80.29*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	478.12	62.01
		For Each 1' Of Additional Door Height, Add	*84.98*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	530.06	62.01
		For Each 1' Of Additional Door Height, Add	*97.45*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	595.34	64.31
		For Each 1' Of Additional Door Height, Add	*112.01*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	824.53	94.17
		For Each 1' Of Additional Door Height, Add	*152.68*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	862.29	101.06
		For Each 1' Of Additional Door Height, Add	*158.44*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	924.11	107.95
		For Each 1' Of Additional Door Height, Add	*169.97*	
08 17 23 00-0075		Lauan Faced *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	395.84	57.42
		For Each 1' Of Additional Door Height, Add	*67.44*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	415.21	57.42
		For Each 1' Of Additional Door Height, Add	*72.09*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	435.51	59.72
		For Each 1' Of Additional Door Height, Add	*75.86*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	446.32	62.01
		For Each 1' Of Additional Door Height, Add	*77.35*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	481.76	62.01
		For Each 1' Of Additional Door Height, Add	*85.86*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	509.24	64.31
		For Each 1' Of Additional Door Height, Add	*91.35*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	750.35	94.17
		For Each 1' Of Additional Door Height, Add	*134.88*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	802.85	101.06
		For Each 1' Of Additional Door Height, Add	*144.18*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	860.51	107.95
		For Each 1' Of Additional Door Height, Add	*154.71*	
08 17 23 00-0085		Tempered Hardboard Faced *(08 17 23 00-0064)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	330.88	57.42
		For Each 1' Of Additional Door Height, Add	*51.85*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	336.91	57.42
		For Each 1' Of Additional Door Height, Add	*53.30*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	353.50	59.72
		For Each 1' Of Additional Door Height, Add	*56.18*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	370.10	62.01
		For Each 1' Of Additional Door Height, Add	*59.06*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	383.81	62.01
		For Each 1' Of Additional Door Height, Add	*62.35*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	405.04	64.31
		For Each 1' Of Additional Door Height, Add	*66.34*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	620.41	94.17
		For Each 1' Of Additional Door Height, Add	*103.70*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	646.24	101.06
		For Each 1' Of Additional Door Height, Add	*106.59*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	708.07	107.95
		For Each 1' Of Additional Door Height, Add	*118.12*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	546.96	57.42
		For Each 1' Of Additional Door Height, Add	*103.71*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	564.96	57.42
		For Each 1' Of Additional Door Height, Add	*108.03*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	575.57	59.72
		For Each 1' Of Additional Door Height, Add	*109.47*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	598.15	62.01
		For Each 1' Of Additional Door Height, Add	*113.79*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	650.30	62.01
		For Each 1' Of Additional Door Height, Add	*126.31*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	707.57	64.31
		For Each 1' Of Additional Door Height, Add	*138.95*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,052.59	94.17
		For Each 1' Of Additional Door Height, Add	*207.42*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,102.34	101.06
		For Each 1' Of Additional Door Height, Add	*216.06*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,164.15	107.95
		For Each 1' Of Additional Door Height, Add	*227.58*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	556.46	57.42
		For Each 1' Of Additional Door Height, Add	*105.99*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	557.74	57.42
		For Each 1' Of Additional Door Height, Add	*106.30*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	575.05	59.72
		For Each 1' Of Additional Door Height, Add	*109.35*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	588.86	62.01
		For Each 1' Of Additional Door Height, Add	*111.56*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	630.87	62.01
		For Each 1' Of Additional Door Height, Add	*121.64*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	667.90	64.31
		For Each 1' Of Additional Door Height, Add	*129.43*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,071.59	94.17
		For Each 1' Of Additional Door Height, Add	*211.98*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,087.92	101.06
		For Each 1' Of Additional Door Height, Add	*212.59*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,145.57	107.95
		For Each 1' Of Additional Door Height, Add	*223.12*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	456.93	57.42
		For Each 1' Of Additional Door Height, Add	*82.10*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	462.92	57.42
		For Each 1' Of Additional Door Height, Add	*83.54*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	473.53	59.72
		For Each 1' Of Additional Door Height, Add	*84.98*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	490.14	62.01
		For Each 1' Of Additional Door Height, Add	*87.87*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	516.99	62.01
		For Each 1' Of Additional Door Height, Add	*94.31*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	546.74	64.31
		For Each 1' Of Additional Door Height, Add	*100.35*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	872.50	94.17
		For Each 1' Of Additional Door Height, Add	*164.20*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	898.28	101.06
		For Each 1' Of Additional Door Height, Add	*167.08*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	948.11	107.95
		For Each 1' Of Additional Door Height, Add	*175.73*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	658.19	57.42
		For Each 1' Of Additional Door Height, Add	*130.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	661.50	57.42
		For Each 1' Of Additional Door Height, Add	*131.20*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	694.17	59.72
		For Each 1' Of Additional Door Height, Add	*137.94*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	706.11	62.01
		For Each 1' Of Additional Door Height, Add	*139.70*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	769.20	62.01
		For Each 1' Of Additional Door Height, Add	*154.84*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	848.56	64.31
		For Each 1' Of Additional Door Height, Add	*172.79*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,275.02	94.17
		For Each 1' Of Additional Door Height, Add	*260.81*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,295.45	101.06
		For Each 1' Of Additional Door Height, Add	*262.40*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,380.05	107.95
		For Each 1' Of Additional Door Height, Add	*279.40*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	827.87	57.42
		For Each 1' Of Additional Door Height, Add	*171.13*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	857.51	57.42
		For Each 1' Of Additional Door Height, Add	*178.24*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	872.04	59.72
		For Each 1' Of Additional Door Height, Add	*180.63*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	906.32	62.01
		For Each 1' Of Additional Door Height, Add	*187.75*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	992.39	62.01
		For Each 1' Of Additional Door Height, Add	*208.41*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,083.89	64.31
		For Each 1' Of Additional Door Height, Add	*229.26*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,614.39	94.17
		For Each 1' Of Additional Door Height, Add	*342.25*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,687.46	101.06
		For Each 1' Of Additional Door Height, Add	*356.48*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,780.50	107.95
		For Each 1' Of Additional Door Height, Add	*375.50*	

08 30 Specialty Doors And Frames *(08)*

08 31 Access Doors And Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors And Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	344.87	46.99
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	401.28	50.06
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	468.45	52.95
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	540.64	55.63
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	553.05	55.92
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	715.41	57.65

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	138.98	36.04
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	165.91	46.99
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	235.58	50.06
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	252.82	52.95
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	293.27	55.63
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	333.93	55.92

08 31 13 00-0016 Steel Access Doors *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Fire Rated Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0018	EA	12" x 12" Fire Rated Steel Access Door With Cam Latch	192.63	47.27
08 31 13 00-0019	EA	12" x 18" Fire Rated Steel Access Door With Cam Latch	235.59	50.06
08 31 13 00-0020	EA	18" x 18" Fire Rated Steel Access Door With Cam Latch	236.45	52.95
08 31 13 00-0021	EA	24" x 18" Fire Rated Steel Access Door With Cam Latch	278.43	55.92
08 31 13 00-0022	EA	24" x 24" Fire Rated Steel Access Door With Cam Latch	290.17	55.92
08 31 13 00-0023	EA	24" x 36" Fire Rated Steel Access Door With Cam Latch	381.36	57.65
08 31 13 00-0024	EA	24" x 48" Fire Rated Steel Access Door With Cam Latch	437.03	60.06
08 31 13 00-0025	EA	36" x 36" Fire Rated Steel Access Door With Cam Latch	534.18	60.06
08 31 13 00-0026	EA	48" x 48" Fire Rated Steel Access Door With Cam Latch	683.38	72.06

08 31 13 00-0027 Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	105.63	36.23
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	113.07	47.27
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	128.66	50.06
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	132.78	52.95
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	155.19	55.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	158.43	55.92
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	204.63	57.65
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	263.46	60.06

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	144.44	36.04
		For Recessed Doors In Acoustical Tile, Add	*17.97*	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	151.54	38.63
		For Recessed Doors In Acoustical Tile, Add	*19.73*	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	162.61	40.83
		For Recessed Doors In Acoustical Tile, Add	*20.55*	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	188.85	43.24
		For Recessed Doors In Acoustical Tile, Add	*19.24*	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	198.76	45.64
		For Recessed Doors In Acoustical Tile, Add	*20.40*	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	215.83	45.64
		For Recessed Doors In Acoustical Tile, Add	*17.84*	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	269.18	57.65
		For Recessed Doors In Acoustical Tile, Add	*23.04*	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	375.37	60.06
		For Recessed Doors In Acoustical Tile, Add	*9.76*	

08 31 13 00-0045 Steel Crawl Space Doors And Frames *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	167.85	60.82
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	232.23	73.70
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	259.51	80.04

08 32 Sliding Glass Doors *(08 30)*

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors *(08 32)*

08 32 13 00-0001 Residential Sliding Aluminum-Framed Glass Doors *(08 32 13)*

08 32 13 00-0002 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 32 13 00-0001)*

08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	21.66	4.13
		For Custom Quality, Add	*2.68*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.93*	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	16.64	2.57
		For Custom Quality, Add	*2.57*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.85*	

08 32 13 00-0005 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 32 13 00-0001)*

08 32 13 00-0006	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	23.58	4.13
		For Custom Quality, Add	*3.16*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.28*	
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	18.53	2.57
		For Custom Quality, Add	*3.04*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.19*	

08 32 19 Sliding Wood-Framed Glass Doors *(08 32)*

08 32 19 00-0001 Residential Wood Sliding Doors With 5/8" Glass *(08 32 19)*

08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,988.20	124.03
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,427.10	151.59
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,804.81	174.55
08 32 19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,190.67	124.03
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,688.61	151.59
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,128.44	174.55

08 33 Coiling Doors And Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,142.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,342.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,684.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,047.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,042.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,285.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,423.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,752.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	4,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,192.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,334.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,497.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,542.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,735.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,873.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,452.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,542.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	4,742.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,284.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,247.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,442.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,685.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,848.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	7,352.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,342.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,084.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,547.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,942.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,235.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,473.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,652.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,042.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,984.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	8,547.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,542.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,785.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,023.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	8,652.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodization finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,084.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,447.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	8,942.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,235.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,473.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,552.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodization finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	7,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,084.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,447.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,542.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,835.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,173.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,452.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	11,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	12,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,884.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	16,047.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,342.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,435.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	15,973.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	18,052.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	10,042.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	10,242.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	10,684.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,547.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	10,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,335.60	374.20
		For Motor Operator (With Safety Reverse), Add	*743.56*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,973.02	389.19
		For Motor Operator (With Safety Reverse), Add	*747.30*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	14,052.56	421.02
		For Motor Operator (With Safety Reverse), Add	*755.26*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	14,342.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	14,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	16,884.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	10,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	14,842.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	16,884.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0092		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*		
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	9,442.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	10,642.04	336.82
		For Motor Operator (With Safety Reverse), Add	*734.20*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	11,384.50	357.86
		For Motor Operator (With Safety Reverse), Add	*738.45*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	12,547.31	421.02
		For Motor Operator (With Safety Reverse), Add	*754.73*	
08 33 23		**Overhead Coiling Doors** *(08 33)*		
08 33 23 00-0001		Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23)*		
08 33 23 00-0002		26 Gauge Galvanized Steel Overhead Coiling Doors, Storage Unit Style *(08 33 23 00-0001)*		
08 33 23 00-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	715.96	252.64
08 33 23 00-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	790.92	275.61
08 33 23 00-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	787.53	275.61
08 33 23 00-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	867.00	298.58
08 33 23 00-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	859.18	298.58
08 33 23 00-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	938.25	321.54
08 33 23 00-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,030.28	344.52
08 33 23 00-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	904.88	298.58
08 33 23 00-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	975.14	321.54
08 33 23 00-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,056.10	344.52
08 33 23 00-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,169.76	367.48
08 33 23 00-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,097.30	367.48
08 33 23 00-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,147.47	367.48
08 33 23 00-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,260.34	390.45
08 33 23 00-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,340.72	413.42
08 33 23 00-0018		24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*		
		Note: With curtain hood (barrel cover).		
08 33 23 00-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,197.98	298.58
		For Insulated, Add	*1,245.40*	
08 33 23 00-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,299.24	321.54
		For Insulated, Add	*1,290.34*	
08 33 23 00-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,553.40	367.48
		For Insulated, Add	*1,418.95*	
08 33 23 00-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,722.21	367.48
		For Insulated, Add	*1,545.56*	
08 33 23 00-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,490.27	367.48
		For Insulated, Add	*1,371.60*	
08 33 23 00-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,616.46	367.48
		For Insulated, Add	*1,466.25*	
08 33 23 00-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,834.42	413.42
		For Insulated, Add	*1,567.77*	
08 33 23 00-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,016.28	413.42
		For Insulated, Add	*1,704.16*	
08 33 23 00-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,747.37	413.42
		For Insulated, Add	*1,502.48*	
08 33 23 00-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,985.53	459.35
		For Insulated, Add	*1,619.03*	
08 33 23 00-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,361.41	574.19
		For Insulated, Add	*1,745.91*	
08 33 23 00-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,627.06	574.19
		For Insulated, Add	*1,945.15*	
08 33 23 00-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,599.39	574.19
		For Insulated, Add	*1,924.39*	
08 33 23 00-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,903.69	574.19
		For Insulated, Add	*2,152.62*	
08 33 23 00-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,226.44	574.19
		For Insulated, Add	*2,394.68*	
08 33 23 00-0034		22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*		
		Note: With curtain hood (barrel cover).		
08 33 23 00-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	1,930.49	275.61
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*206.90*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*344.83*	
		For Insulated, Add	*1,075.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,114.43	298.58
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*227.59*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*379.31*	
		For Insulated, Add	*1,182.73*	
08 33 23 00-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,251.51	321.54
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*241.25*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*402.09*	
		For Insulated, Add	*1,254.49*	
08 33 23 00-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,130.77	298.58
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*230.04*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*383.40*	
		For Insulated, Add	*1,194.98*	
08 33 23 00-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,330.11	321.54
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*253.04*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*421.74*	
		For Insulated, Add	*1,313.44*	
08 33 23 00-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,562.82	367.48
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*274.18*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*456.97*	
		For Insulated, Add	*1,426.02*	
08 33 23 00-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,088.34	413.42
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*339.24*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*565.40*	
		For Insulated, Add	*1,758.19*	
08 33 23 00-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,613.99	459.35
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*404.29*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*673.82*	
		For Insulated, Add	*2,090.37*	
08 33 23 00-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,293.24	298.58
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*254.41*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*424.02*	
		For Insulated, Add	*1,316.83*	
08 33 23 00-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,600.61	367.48
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*279.85*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*466.41*	
		For Insulated, Add	*1,454.36*	
08 33 23 00-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,938.64	459.35
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*302.99*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*504.99*	
		For Insulated, Add	*1,583.86*	
08 33 23 00-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,444.70	505.29
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*365.14*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*608.57*	
		For Insulated, Add	*1,901.48*	
08 33 23 00-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,951.17	551.22
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*427.28*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*712.14*	
		For Insulated, Add	*2,219.11*	
08 33 23 00-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,991.58	470.84
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*307.49*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*512.48*	
		For Insulated, Add	*1,608.05*	
08 33 23 00-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,426.81	574.19
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*341.77*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*569.61*	
		For Insulated, Add	*1,794.96*	
08 33 23 00-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,089.81	689.02
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*406.81*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*678.01*	
		For Insulated, Add	*2,137.36*	
08 33 23 00-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,799.17	826.83
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*471.85*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*786.41*	
		For Insulated, Add	*2,483.24*	
08 33 23 00-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,548.84	1,010.57
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*529.06*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*881.77*	
		For Insulated, Add	*2,796.93*	
08 33 23 00-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,112.64	1,102.44
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*586.27*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*977.12*	
		For Insulated, Add	*3,096.67*	
08 33 23 00-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,677.35	1,194.31
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*643.48*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,072.47*	
		For Insulated, Add	*3,396.47*	
08 33 23 00-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,241.62	1,286.18
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*700.45*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,167.42*	
		For Insulated, Add	*3,695.15*	
08 33 23 00-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,396.38	551.22
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*344.06*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*573.44*	
		For Insulated, Add	*1,803.02*	
08 33 23 00-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,908.57	689.02
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*379.62*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*632.70*	
		For Insulated, Add	*2,001.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,666.37	780.89
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*465.75*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*776.25*	
		For Insulated, Add	*2,445.86*	
08 33 23 00-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,516.61	918.70
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*551.88*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*919.80*	
		For Insulated, Add	*2,897.21*	
08 33 23 00-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,377.90	1,102.44
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*626.06*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,043.43*	
		For Insulated, Add	*3,295.61*	
08 33 23 00-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,055.72	1,194.31
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*700.24*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,167.06*	
		For Insulated, Add	*3,680.25*	
08 33 23 00-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,827.22	1,332.12
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*774.42*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,290.69*	
		For Insulated, Add	*4,071.91*	
08 33 23 00-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,598.05	1,469.92
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*848.59*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,414.32*	
		For Insulated, Add	*4,463.51*	

08 33 23 00-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*

Note: With curtain hood (barrel cover)

08 33 23 00-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,309.09	689.02
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*439.70*	
		For Insulated, Add	*2,301.82*	
08 33 23 00-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,890.69	780.89
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*499.40*	
		For Insulated, Add	*2,614.10*	
08 33 23 00-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,578.45	872.77
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*574.98*	
		For Insulated, Add	*3,005.79*	
08 33 23 00-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,200.94	964.64
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*640.64*	
		For Insulated, Add	*3,347.93*	
08 33 23 00-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,041.50	1,148.37
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*711.71*	
		For Insulated, Add	*3,730.82*	
08 33 23 00-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,698.22	1,240.25
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*782.69*	
		For Insulated, Add	*4,099.47*	
08 33 23 00-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,163.39	1,378.05
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*960.93*	
		For Insulated, Add	*5,011.43*	
08 33 23 00-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,624.46	1,515.85
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,139.17*	
		For Insulated, Add	*5,923.08*	
08 33 23 00-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,319.46	826.83
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*549.89*	
		For Insulated, Add	*2,873.46*	
08 33 23 00-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,972.53	918.70
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*620.27*	
		For Insulated, Add	*3,239.15*	
08 33 23 00-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,652.84	1,056.50
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*680.99*	
		For Insulated, Add	*3,563.41*	
08 33 23 00-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,350.82	1,194.31
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*744.50*	
		For Insulated, Add	*3,901.57*	
08 33 23 00-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,012.39	1,286.18
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*816.07*	
		For Insulated, Add	*4,273.23*	
08 33 23 00-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,776.16	1,378.05
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*902.84*	
		For Insulated, Add	*4,721.00*	
08 33 23 00-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,900.45	1,469.92
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,043.95*	
		For Insulated, Add	*5,440.31*	
08 33 23 00-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,035.00	1,561.79
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,186.52*	
		For Insulated, Add	*6,166.98*	
08 33 23 00-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,860.39	1,010.57
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*575.79*	
		For Insulated, Add	*3,030.59*	
08 33 23 00-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,450.17	1,102.44
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*636.90*	
		For Insulated, Add	*3,349.81*	
08 33 23 00-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,388.09	1,240.25
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*736.17*	
		For Insulated, Add	*3,866.87*	
08 33 23 00-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,202.13	1,378.05
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*816.74*	
		For Insulated, Add	*4,290.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,927.82	1,469.92
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*898.06*	
		For Insulated, Add	*4,710.84*	
08 33 23 00-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,654.65	1,561.79
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*979.47*	
		For Insulated, Add	*5,131.72*	
08 33 23 00-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,961.59	1,653.66
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,147.82*	
		For Insulated, Add	*5,987.32*	
08 33 23 00-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,294.67	1,745.53
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,320.63*	
		For Insulated, Add	*6,864.92*	
08 33 23 00-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,569.98	1,102.44
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*654.87*	
		For Insulated, Add	*3,439.67*	
08 33 23 00-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,639.11	1,194.31
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*787.75*	
		For Insulated, Add	*4,117.79*	
08 33 23 00-0091		18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 00-0001)*		
		Note: With curtain hood (barrel cover).		
08 33 23 00-0092	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,053.78	1,332.12
		For Insulated, Add	*4,991.83*	
08 33 23 00-0093	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,229.86	1,423.98
		For Insulated, Add	*5,748.94*	
08 33 23 00-0094	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,579.18	1,515.85
		For Insulated, Add	*6,636.42*	
08 33 23 00-0095	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,091.87	1,607.73
		For Insulated, Add	*7,647.60*	
08 33 23 00-0096	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,610.42	1,699.60
		For Insulated, Add	*8,664.46*	
08 33 23 00-0097	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,160.96	1,791.47
		For Insulated, Add	*9,702.15*	
08 33 23 00-0098	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,334.38	1,194.31
		For Insulated, Add	*3,889.24*	
08 33 23 00-0099	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,570.33	1,286.18
		For Insulated, Add	*4,691.68*	
08 33 23 00-0100	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,087.61	1,423.98
		For Insulated, Add	*5,642.25*	
08 33 23 00-0101	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,619.27	1,515.85
		For Insulated, Add	*6,669.19*	
08 33 23 00-0102	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,162.41	1,607.73
		For Insulated, Add	*7,700.51*	
08 33 23 00-0103	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,864.12	1,699.60
		For Insulated, Add	*8,854.74*	
08 33 23 00-0104	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,575.96	1,791.47
		For Insulated, Add	*10,013.40*	
08 33 23 00-0105	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,273.41	1,883.33
		For Insulated, Add	*11,163.57*	
08 33 23 00-0106	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,034.76	1,286.18
		For Insulated, Add	*4,290.00*	
08 33 23 00-0107	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,938.80	1,378.05
		For Insulated, Add	*4,842.98*	
08 33 23 00-0108	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,925.56	1,515.85
		For Insulated, Add	*6,148.91*	
08 33 23 00-0109	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,642.99	1,607.73
		For Insulated, Add	*7,310.94*	
08 33 23 00-0110	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,287.18	1,699.60
		For Insulated, Add	*8,422.03*	
08 33 23 00-0111	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,099.29	1,791.47
		For Insulated, Add	*9,655.90*	
08 33 23 00-0112	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,211.81	1,883.33
		For Insulated, Add	*11,117.37*	
08 33 23 00-0113	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,385.25	1,975.20
		For Insulated, Add	*12,620.60*	
08 33 23 00-0114		Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23)*		
08 33 23 00-0115		0.04" Aluminum Overhead Coiling Doors *(08 33 23 00-0114)*		
08 33 23 00-0116	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,539.55	275.61
08 33 23 00-0117	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,682.46	298.58
08 33 23 00-0118	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,090.02	321.54
08 33 23 00-0119	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	1,878.29	298.58
08 33 23 00-0120	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,044.16	321.54
08 33 23 00-0121	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,255.87	367.48
08 33 23 00-0122	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,503.54	413.42
08 33 23 00-0123	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,753.97	459.35
08 33 23 00-0124	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,026.26	298.58
08 33 23 00-0125	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,326.31	367.48
08 33 23 00-0126	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,674.85	459.35
08 33 23 00-0127	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,922.64	505.29
08 33 23 00-0128	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,171.72	551.22
08 33 23 00-0129	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,733.49	482.31
08 33 23 00-0130	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,078.30	574.19
08 33 23 00-0131	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,506.35	689.02
08 33 23 00-0132	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,981.87	826.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0133	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,691.72	1,010.57
08 33 23 00-0134	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,215.62	1,102.44
08 33 23 00-0135	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,737.17	1,194.31
08 33 23 00-0136	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,260.86	1,286.18
08 33 23 00-0137	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,028.51	551.22
08 33 23 00-0138	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,692.70	689.02
08 33 23 00-0139	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,179.49	780.89
08 33 23 00-0140	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,760.55	918.70
08 33 23 00-0141	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,540.50	1,102.44
08 33 23 00-0142	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,138.54	1,194.31
08 33 23 00-0143	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,602.02	1,332.12
08 33 23 00-0144	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,066.95	1,469.92
08 33 23 00-0145		0.05" Aluminum Overhead Coiling Doors *(08 33 23 00-0114)*		
08 33 23 00-0146	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	3,542.50	689.02
08 33 23 00-0147	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,159.03	780.89
08 33 23 00-0148	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,765.64	872.77
08 33 23 00-0149	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,332.12	964.64
08 33 23 00-0150	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,113.86	1,148.37
08 33 23 00-0151	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,712.40	1,240.25
08 33 23 00-0152	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,413.30	1,378.05
08 33 23 00-0153	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,110.19	1,515.85
08 33 23 00-0154	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,208.95	826.83
08 33 23 00-0155	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,850.10	918.70
08 33 23 00-0156	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,559.84	1,056.50
08 33 23 00-0157	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,285.27	1,194.31
08 33 23 00-0158	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,966.75	1,286.18
08 33 23 00-0159	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,687.42	1,378.05
08 33 23 00-0160	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,375.65	1,469.92
08 33 23 00-0161	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,024.68	1,561.79
08 33 23 00-0162	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,860.27	1,010.57
08 33 23 00-0163	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,539.65	1,102.44
08 33 23 00-0164	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,370.90	1,240.25
08 33 23 00-0165	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,192.98	1,378.05
08 33 23 00-0166	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,929.90	1,469.92
08 33 23 00-0167	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,662.20	1,561.79
08 33 23 00-0168	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,393.75	1,653.66
08 33 23 00-0169	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,126.87	1,745.53
08 33 23 00-0170	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,426.93	1,102.44
08 33 23 00-0171	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,118.75	1,194.31
08 33 23 00-0172	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,244.96	1,332.12
08 33 23 00-0173	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,932.22	1,423.98
08 33 23 00-0174	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,735.19	1,515.85
08 33 23 00-0175	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,567.48	1,607.73
08 33 23 00-0176	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,352.87	1,699.60
08 33 23 00-0177	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,169.88	1,791.47
08 33 23 00-0178	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,182.80	1,194.31
08 33 23 00-0179	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,017.97	1,286.18
08 33 23 00-0180	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,038.53	1,423.98
08 33 23 00-0181	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,945.24	1,515.85
08 33 23 00-0182	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,856.97	1,607.73
08 33 23 00-0183	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,771.73	1,699.60
08 33 23 00-0184	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,642.53	1,791.47
08 33 23 00-0185	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,516.31	1,883.33
08 33 23 00-0186	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,763.07	1,286.18
08 33 23 00-0187	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,339.00	1,378.05
08 33 23 00-0188	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,690.35	1,515.85
08 33 23 00-0189	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,708.36	1,607.73
08 33 23 00-0190	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,667.98	1,699.60
08 33 23 00-0191	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,632.29	1,791.47
08 33 23 00-0192	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,726.38	1,883.33
08 33 23 00-0193	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,864.76	1,975.20
08 33 23 00-0194		Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23)*		
		Note: Includes storage, cleaning and supply materials.		
08 33 23 00-0195	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	19.48	
08 33 23 00-0196		Overhead Coiling Door Accessories *(08 33 23)*		
08 33 23 00-0197	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	3.15	1.15
08 33 23 00-0198	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	18.48	1.38
08 33 23 00-0199	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	17.67	1.38
08 33 23 00-0200	EA	Cylinder Lock For Coiling Doors	195.74	57.42
08 33 23 00-0201	EA	Jackshaft Operator For Coiling Doors	1,177.26	183.74
		Note: Includes three button inside station controls and mounting hardware.		
08 33 23 00-0202	EA	Remote Transmitter Kit For Coiling Door Operators	266.94	91.87

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.

08 33 26 00-0001 Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0002	EA	4' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,214.97	147.35
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*430.55*	
		For Staggered Brick Pattern, Add	*44.85*	
		For Lexan Lattice Pattern, Add	*269.09*	
08 33 26 00-0003	EA	6' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,444.39	147.35
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*485.61*	
		For Staggered Brick Pattern, Add	*50.58*	
		For Lexan Lattice Pattern, Add	*303.51*	
08 33 26 00-0004	EA	8' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,816.30	196.45
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*541.19*	
		For Staggered Brick Pattern, Add	*56.37*	
		For Lexan Lattice Pattern, Add	*338.24*	
08 33 26 00-0005	EA	12' x 4', Steel Overhead Coiling Grilles, Manual Lift	3,368.43	196.45
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*673.70*	
		For Staggered Brick Pattern, Add	*70.18*	
		For Lexan Lattice Pattern, Add	*421.06*	
08 33 26 00-0006	EA	16' x 4', Steel Overhead Coiling Grilles, Manual Lift	4,553.63	294.72
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*890.78*	
		For Staggered Brick Pattern, Add	*92.79*	
		For Lexan Lattice Pattern, Add	*556.74*	
08 33 26 00-0007	EA	20' x 4', Steel Overhead Coiling Grilles, Manual Lift	5,738.83	392.82
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,107.87*	
		For Staggered Brick Pattern, Add	*115.40*	
		For Lexan Lattice Pattern, Add	*692.42*	
08 33 26 00-0008	EA	24' x 4', Steel Overhead Coiling Grilles, Manual Lift	7,167.92	471.55
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,396.44*	
		For Staggered Brick Pattern, Add	*145.46*	
		For Lexan Lattice Pattern, Add	*872.77*	
08 33 26 00-0009	EA	30' x 4', Steel Overhead Coiling Grilles, Manual Lift	8,796.18	589.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,706.90*	
		For Staggered Brick Pattern, Add	*177.80*	
		For Lexan Lattice Pattern, Add	*1,066.81*	
08 33 26 00-0010	EA	4' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,390.10	147.35
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*472.58*	
		For Staggered Brick Pattern, Add	*49.23*	
		For Lexan Lattice Pattern, Add	*295.36*	
08 33 26 00-0011	EA	6' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,719.61	147.35
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*551.66*	
		For Staggered Brick Pattern, Add	*57.46*	
		For Lexan Lattice Pattern, Add	*344.79*	
08 33 26 00-0012	EA	8' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,054.32	196.53
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*598.31*	
		For Staggered Brick Pattern, Add	*62.32*	
		For Lexan Lattice Pattern, Add	*373.94*	
08 33 26 00-0013	EA	12' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,690.48	196.53
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*750.99*	
		For Staggered Brick Pattern, Add	*78.23*	
		For Lexan Lattice Pattern, Add	*469.37*	
08 33 26 00-0014	EA	16' x 6', Steel Overhead Coiling Grilles, Manual Lift	5,005.35	294.72
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*999.19*	
		For Staggered Brick Pattern, Add	*104.08*	
		For Lexan Lattice Pattern, Add	*624.50*	
08 33 26 00-0015	EA	20' x 6', Steel Overhead Coiling Grilles, Manual Lift	6,317.22	392.82
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,247.40*	
		For Staggered Brick Pattern, Add	*129.94*	
		For Lexan Lattice Pattern, Add	*779.62*	
08 33 26 00-0016	EA	24' x 6', Steel Overhead Coiling Grilles, Manual Lift	7,921.32	471.55
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,577.25*	
		For Staggered Brick Pattern, Add	*164.30*	
		For Lexan Lattice Pattern, Add	*985.78*	
08 33 26 00-0017	EA	30' x 6', Steel Overhead Coiling Grilles, Manual Lift	9,546.56	589.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,886.99*	
		For Staggered Brick Pattern, Add	*196.56*	
		For Lexan Lattice Pattern, Add	*1,179.37*	
08 33 26 00-0018	EA	4' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,735.87	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*535.45*	
		For Staggered Brick Pattern, Add	*55.78*	
		For Lexan Lattice Pattern, Add	*334.66*	
08 33 26 00-0019	EA	6' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,133.95	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*630.99*	
		For Staggered Brick Pattern, Add	*65.73*	
		For Lexan Lattice Pattern, Add	*394.37*	
08 33 26 00-0020	EA	8' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,759.57	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*750.58*	
		For Staggered Brick Pattern, Add	*78.19*	
		For Lexan Lattice Pattern, Add	*469.11*	
08 33 26 00-0021	EA	12' x 8', Steel Overhead Coiling Grilles, Manual Lift	4,333.67	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*888.36*	
		For Staggered Brick Pattern, Add	*92.54*	
		For Lexan Lattice Pattern, Add	*555.23*	
08 33 26 00-0022	EA	16' x 8', Steel Overhead Coiling Grilles, Manual Lift	5,895.28	353.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,171.97*	
		For Staggered Brick Pattern, Add	*122.08*	
		For Lexan Lattice Pattern, Add	*732.48*	
08 33 26 00-0023	EA	20' x 8', Steel Overhead Coiling Grilles, Manual Lift	7,325.46	442.07
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,455.58*	
		For Staggered Brick Pattern, Add	*151.62*	
		For Lexan Lattice Pattern, Add	*909.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0024	EA	24' x 8', Steel Overhead Coiling Grilles, Manual Lift	9,270.95	530.49
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,861.56*	
		For Staggered Brick Pattern, Add	*193.91*	
		For Lexan Lattice Pattern, Add	*1,163.47*	
08 33 26 00-0025	EA	30' x 8', Steel Overhead Coiling Grilles, Manual Lift	11,302.93	648.37
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,269.52*	
		For Staggered Brick Pattern, Add	*236.41*	
		For Lexan Lattice Pattern, Add	*1,418.45*	
08 33 26 00-0026	EA	4' x 10', Steel Overhead Coiling Grilles, Manual Lift	3,024.40	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*604.70*	
		For Staggered Brick Pattern, Add	*62.99*	
		For Lexan Lattice Pattern, Add	*377.94*	
08 33 26 00-0027	EA	6' x 10', Steel Overhead Coiling Grilles, Manual Lift	3,551.99	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*731.32*	
		For Staggered Brick Pattern, Add	*76.18*	
		For Lexan Lattice Pattern, Add	*457.07*	
08 33 26 00-0028	EA	8' x 10', Steel Overhead Coiling Grilles, Manual Lift	4,223.97	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*862.49*	
		For Staggered Brick Pattern, Add	*89.84*	
		For Lexan Lattice Pattern, Add	*539.05*	
08 33 26 00-0029	EA	12' x 10', Steel Overhead Coiling Grilles, Manual Lift	4,942.95	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,035.04*	
		For Staggered Brick Pattern, Add	*107.82*	
		For Lexan Lattice Pattern, Add	*646.90*	
08 33 26 00-0030	EA	16' x 10', Steel Overhead Coiling Grilles, Manual Lift	6,694.38	353.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,363.75*	
		For Staggered Brick Pattern, Add	*142.06*	
		For Lexan Lattice Pattern, Add	*852.35*	
08 33 26 00-0031	EA	20' x 10', Steel Overhead Coiling Grilles, Manual Lift	8,312.46	442.07
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,692.46*	
		For Staggered Brick Pattern, Add	*176.30*	
		For Lexan Lattice Pattern, Add	*1,057.79*	
08 33 26 00-0032	EA	24' x 10', Steel Overhead Coiling Grilles, Manual Lift	10,463.45	530.49
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,147.76*	
		For Staggered Brick Pattern, Add	*223.72*	
		For Lexan Lattice Pattern, Add	*1,342.35*	
08 33 26 00-0033	EA	30' x 10', Steel Overhead Coiling Grilles, Manual Lift	13,144.28	648.37
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,711.45*	
		For Staggered Brick Pattern, Add	*282.44*	
		For Lexan Lattice Pattern, Add	*1,694.66*	
08 33 26 00-0034	EA	4' x 12', Steel Overhead Coiling Grilles, Manual Lift	3,354.82	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*684.00*	
		For Staggered Brick Pattern, Add	*71.25*	
		For Lexan Lattice Pattern, Add	*427.50*	
08 33 26 00-0035	EA	6' x 12', Steel Overhead Coiling Grilles, Manual Lift	3,450.46	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*706.95*	
		For Staggered Brick Pattern, Add	*73.64*	
		For Lexan Lattice Pattern, Add	*441.84*	
08 33 26 00-0036	EA	8' x 12', Steel Overhead Coiling Grilles, Manual Lift	4,193.92	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*854.82*	
		For Staggered Brick Pattern, Add	*89.04*	
		For Lexan Lattice Pattern, Add	*534.26*	
08 33 26 00-0037	EA	12' x 12', Steel Overhead Coiling Grilles, Manual Lift	5,631.65	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,199.88*	
		For Staggered Brick Pattern, Add	*124.99*	
		For Lexan Lattice Pattern, Add	*749.92*	
08 33 26 00-0038	EA	16' x 12', Steel Overhead Coiling Grilles, Manual Lift	7,823.99	353.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,634.86*	
		For Staggered Brick Pattern, Add	*170.30*	
		For Lexan Lattice Pattern, Add	*1,021.79*	
08 33 26 00-0039	EA	20' x 12', Steel Overhead Coiling Grilles, Manual Lift	9,884.89	442.07
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,069.84*	
		For Staggered Brick Pattern, Add	*215.61*	
		For Lexan Lattice Pattern, Add	*1,293.65*	
08 33 26 00-0040	EA	24' x 12', Steel Overhead Coiling Grilles, Manual Lift	11,991.58	530.49
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,514.51*	
		For Staggered Brick Pattern, Add	*261.93*	
		For Lexan Lattice Pattern, Add	*1,571.57*	
08 33 26 00-0041	EA	30' x 12', Steel Overhead Coiling Grilles, Manual Lift	14,963.55	648.37
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,148.07*	
		For Staggered Brick Pattern, Add	*327.92*	
		For Lexan Lattice Pattern, Add	*1,967.55*	
08 33 26 00-0042	EA	4' x 14', Steel Overhead Coiling Grilles, Manual Lift	3,945.79	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*825.83*	
		For Staggered Brick Pattern, Add	*86.02*	
		For Lexan Lattice Pattern, Add	*516.14*	
08 33 26 00-0043	EA	6' x 14', Steel Overhead Coiling Grilles, Manual Lift	4,591.03	176.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*980.69*	
		For Staggered Brick Pattern, Add	*102.16*	
		For Lexan Lattice Pattern, Add	*612.93*	
08 33 26 00-0044	EA	8' x 14', Steel Overhead Coiling Grilles, Manual Lift	5,368.81	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,137.25*	
		For Staggered Brick Pattern, Add	*118.46*	
		For Lexan Lattice Pattern, Add	*710.78*	
08 33 26 00-0045	EA	12' x 14', Steel Overhead Coiling Grilles, Manual Lift	6,724.23	221.04
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,462.55*	
		For Staggered Brick Pattern, Add	*152.35*	
		For Lexan Lattice Pattern, Add	*914.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0046	EA	16' x 14', Steel Overhead Coiling Grilles, Manual Lift	8,951.04	353.66
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,905.35*	
		For Staggered Brick Pattern, Add	*198.47*	
		For Lexan Lattice Pattern, Add	*1,190.85*	
08 33 26 00-0047	EA	20' x 14', Steel Overhead Coiling Grilles, Manual Lift	11,044.54	442.07
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,348.16*	
		For Staggered Brick Pattern, Add	*244.60*	
		For Lexan Lattice Pattern, Add	*1,467.60*	
08 33 26 00-0048	EA	24' x 14', Steel Overhead Coiling Grilles, Manual Lift	13,195.59	530.49
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,803.47*	
		For Staggered Brick Pattern, Add	*292.03*	
		For Lexan Lattice Pattern, Add	*1,752.17*	
08 33 26 00-0049	EA	30' x 14', Steel Overhead Coiling Grilles, Manual Lift	16,925.01	648.37
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,618.82*	
		For Staggered Brick Pattern, Add	*376.96*	
		For Lexan Lattice Pattern, Add	*2,261.76*	

08 33 26 00-0050 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0051	EA	Add For Motor Operator Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,662.78	35.79
08 33 26 00-0052	LF	For Safety Edge Bottom Bar, Electric, Add	48.67	
08 33 26 00-0053	LF	For Overhead Framed Rolling Grille Supports	72.68	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Steel Side Coiling Grilles, Manually Operated	5,620.71	494.45
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,009.89*	
		For Staggered Brick Pattern, Add	*105.20*	
		For Lexan Lattice Pattern, Add	*631.18*	
08 33 36 00-0003	EA	18' x 8', Steel Side Coiling Grilles, Manually Operated	7,993.01	635.16
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,482.78*	
		For Staggered Brick Pattern, Add	*154.46*	
		For Lexan Lattice Pattern, Add	*926.74*	
08 33 36 00-0004	EA	24' x 8', Steel Side Coiling Grilles, Manually Operated	10,402.90	800.86
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,947.54*	
		For Staggered Brick Pattern, Add	*202.87*	
		For Lexan Lattice Pattern, Add	*1,217.21*	
08 33 36 00-0005	EA	30' x 8', Steel Side Coiling Grilles, Manually Operated	12,670.57	884.14
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,434.42*	
		For Staggered Brick Pattern, Add	*253.59*	
		For Lexan Lattice Pattern, Add	*1,521.51*	
08 33 36 00-0006	EA	12' x 10', Steel Side Coiling Grilles, Manually Operated	6,866.78	563.75
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,261.47*	
		For Staggered Brick Pattern, Add	*131.40*	
		For Lexan Lattice Pattern, Add	*788.42*	
08 33 36 00-0007	EA	18' x 10', Steel Side Coiling Grilles, Manually Operated	9,797.37	724.08
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,854.59*	
		For Staggered Brick Pattern, Add	*193.19*	
		For Lexan Lattice Pattern, Add	*1,159.12*	
08 33 36 00-0008	EA	24' x 10', Steel Side Coiling Grilles, Manually Operated	12,567.56	912.69
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,390.16*	
		For Staggered Brick Pattern, Add	*248.98*	
		For Lexan Lattice Pattern, Add	*1,493.85*	
08 33 36 00-0009	EA	30' x 10', Steel Side Coiling Grilles, Manually Operated	15,567.23	1,007.92
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,042.14*	
		For Staggered Brick Pattern, Add	*316.89*	
		For Lexan Lattice Pattern, Add	*1,901.34*	
08 33 36 00-0010	EA	12' x 12', Steel Side Coiling Grilles, Manually Operated	8,123.95	635.16
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,514.21*	
		For Staggered Brick Pattern, Add	*157.73*	
		For Lexan Lattice Pattern, Add	*946.38*	
08 33 36 00-0011	EA	18' x 12', Steel Side Coiling Grilles, Manually Operated	11,597.20	815.77
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,221.97*	
		For Staggered Brick Pattern, Add	*231.45*	
		For Lexan Lattice Pattern, Add	*1,388.73*	
08 33 36 00-0012	EA	24' x 12', Steel Side Coiling Grilles, Manually Operated	15,095.88	1,028.56
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,921.31*	
		For Staggered Brick Pattern, Add	*304.30*	
		For Lexan Lattice Pattern, Add	*1,825.82*	
08 33 36 00-0013	EA	30' x 12', Steel Side Coiling Grilles, Manually Operated	18,458.76	1,134.65
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,651.63*	
		For Staggered Brick Pattern, Add	*380.38*	
		For Lexan Lattice Pattern, Add	*2,282.27*	
08 33 36 00-0014	EA	12' x 14', Steel Side Coiling Grilles, Manually Operated	9,381.90	702.26
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,770.49*	
		For Staggered Brick Pattern, Add	*184.43*	
		For Lexan Lattice Pattern, Add	*1,106.56*	
08 33 36 00-0015	EA	18' x 14', Steel Side Coiling Grilles, Manually Operated	13,406.26	901.83
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,593.77*	
		For Staggered Brick Pattern, Add	*270.18*	
		For Lexan Lattice Pattern, Add	*1,621.10*	
08 33 36 00-0016	EA	24' x 14', Steel Side Coiling Grilles, Manually Operated	17,439.42	1,137.01
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*3,408.19*	
		For Staggered Brick Pattern, Add	*355.02*	
		For Lexan Lattice Pattern, Add	*2,130.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0017	EA	30' x 14', Steel Side Coiling Grilles, Manually Operated	21,327.99	1,255.49
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*4,258.03*	
		For Staggered Brick Pattern, Add	*443.54*	
		For Lexan Lattice Pattern, Add	*2,661.27*	

08 33 39 High Speed Doors *(08 33)*

08 33 39 00-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39)*

Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08 33 39 00-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0001)*

08 33 39 00-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0004	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,592.64	367.48
08 33 39 00-0005	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,752.40	383.10
08 33 39 00-0006	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,935.61	398.72
08 33 39 00-0007	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,188.19	414.33
08 33 39 00-0008	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,445.86	429.95
08 33 39 00-0009	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,874.90	445.57
08 33 39 00-0010	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,181.53	461.19

08 33 39 00-0011 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0012	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,786.06	383.10
08 33 39 00-0013	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	9,987.63	398.72
08 33 39 00-0014	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,239.19	414.33
08 33 39 00-0015	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,505.02	429.95
08 33 39 00-0016	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,853.48	445.57
08 33 39 00-0017	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,272.31	461.19
08 33 39 00-0018	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,604.46	476.80

08 33 39 00-0019 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0020	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,020.27	398.72
08 33 39 00-0021	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,270.81	414.33
08 33 39 00-0022	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,546.84	429.95
08 33 39 00-0023	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,905.50	445.57
08 33 39 00-0024	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,229.47	461.19
08 33 39 00-0025	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,685.04	476.80
08 33 39 00-0026	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,060.01	492.42

08 33 39 00-0027 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0028	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,304.47	414.33
08 33 39 00-0029	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,578.46	429.95
08 33 39 00-0030	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,937.12	445.57
08 33 39 00-0031	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,271.29	461.19
08 33 39 00-0032	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,621.80	476.80
08 33 39 00-0033	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,985.55	492.42
08 33 39 00-0034	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,383.99	508.04

08 33 39 00-0035 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0036	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,604.98	429.95
08 33 39 00-0037	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,970.78	445.57
08 33 39 00-0038	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,301.89	461.19
08 33 39 00-0039	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,655.46	476.80
08 33 39 00-0040	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,046.75	492.42
08 33 39 00-0041	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,131.03	508.04
08 33 39 00-0042	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,791.60	523.65

08 33 39 00-0043 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*

08 33 39 00-0044	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,990.16	445.57
08 33 39 00-0045	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,329.43	461.19
08 33 39 00-0046	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,687.08	476.80
08 33 39 00-0047	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,079.39	492.42
08 33 39 00-0048	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,339.11	508.04
08 33 39 00-0049	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,846.68	523.65
08 33 39 00-0050	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,263.47	539.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0051		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 39 00-0002)*		
08 33 39 00-0052	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,338.61	461.19
08 33 39 00-0053	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,705.44	476.80
08 33 39 00-0054	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,104.89	492.42
08 33 39 00-0055	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,373.79	508.04
08 33 39 00-0056	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,725.30	523.65
08 33 39 00-0057	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,310.39	539.27
08 33 39 00-0058	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,719.03	554.90
08 33 39 00-0059		Rytec® PredaDoor® Door Options *(08 33 39 00-0001)*		
08 33 39 00-0060	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	331.50	91.87
08 33 39 00-0061	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	550.80	91.87
08 33 39 00-0062	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	8.26	
08 33 39 00-0063		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 39 00-0064		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0063)*		
08 33 39 00-0065		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0066	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,115.60	551.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0067	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,759.86	566.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0068	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,320.47	582.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0069	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,923.93	598.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0070	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,608.98	613.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0071	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,965.60	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0072	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,526.21	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 39 00-0073		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*		
08 33 39 00-0074	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,759.86	566.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0075	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,320.47	582.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0076	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,923.93	598.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0077	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,608.98	613.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0078	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,965.60	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0079	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,526.21	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0080	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,251.05	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 39 00-0081 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*

08 33 39 00-0082	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,320.47	582.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0083	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,923.93	598.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0084	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,608.98	613.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0085	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,965.60	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0086	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,526.21	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0087	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,251.05	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 39 00-0088	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,935.09	676.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 39 00-0089 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*

08 33 39 00-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,923.93	598.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,608.98	613.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,965.60	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,526.21	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,251.05	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,935.09	676.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,700.73	691.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 39 00-0097 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*

08 33 39 00-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,608.98	613.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,965.60	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0100	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,526.21	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0101	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,251.05	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0102	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,935.09	676.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0103	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,700.73	691.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 39 00-0104	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,249.10	707.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 39 00-0105 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0106	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,385.84	629.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0107	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,104.55	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0108	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,785.53	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0109	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,577.69	676.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0110	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,366.79	691.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0111	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,950.86	707.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0112	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,393.16	723.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 39 00-0113 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 39 00-0064)*

08 33 39 00-0114	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,104.55	644.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0115	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,785.53	660.55
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0116	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,577.69	676.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0117	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,366.79	691.78
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0118	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,950.86	707.40
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0119	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,393.16	723.02
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 39 00-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,053.73	738.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0121		Rytec® Fast-Seal® Door Options *(08 33 39 00-0063)*		
08 33 39 00-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	30.60	
08 33 39 00-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	331.50	
08 33 39 00-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	550.80	
08 33 39 00-0125	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	810.00	
08 33 39 00-0126	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	193.80	
08 33 39 00-0127	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	382.50	
08 33 39 00-0128	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	484.50	
08 33 39 00-0129	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	765.00	
08 33 39 00-0130	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	224.40	
08 33 39 00-0131	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	443.70	
08 33 39 00-0132	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	550.80	
08 33 39 00-0133	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	887.40	
08 33 39 00-0134		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 39)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weatherseal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 39 00-0135		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 39 00-0134)*		
08 33 39 00-0136		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0137	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,110.42	734.96
08 33 39 00-0138	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,693.48	750.58
08 33 39 00-0139	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,276.53	766.20
08 33 39 00-0140	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,860.61	781.81
08 33 39 00-0141	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,443.66	797.43
08 33 39 00-0142	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0143	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,712.39	828.67
08 33 39 00-0144		9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0145	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,693.48	750.58
08 33 39 00-0146	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,276.53	766.20
08 33 39 00-0147	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,860.61	781.81
08 33 39 00-0148	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,443.66	797.43
08 33 39 00-0149	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0150	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,609.77	828.67
08 33 39 00-0151	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,295.45	844.28
08 33 39 00-0152		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0153	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,276.53	766.20
08 33 39 00-0154	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,860.61	781.81
08 33 39 00-0155	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,443.66	797.43
08 33 39 00-0156	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0157	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,609.77	828.67
08 33 39 00-0158	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,192.83	844.28
08 33 39 00-0159	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,878.50	859.90
08 33 39 00-0160		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0161	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,860.61	781.81
08 33 39 00-0162	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,443.66	797.43
08 33 39 00-0163	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0164	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,609.77	828.67
08 33 39 00-0165	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,192.83	844.28
08 33 39 00-0166	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,775.88	859.90
08 33 39 00-0167	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,460.55	875.52
08 33 39 00-0168		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 39 00-0169	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,443.66	797.43
08 33 39 00-0170	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0171	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,609.77	828.67
08 33 39 00-0172	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,192.83	844.28
08 33 39 00-0173	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,775.88	859.90
08 33 39 00-0174	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,358.95	875.52
08 33 39 00-0175	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,044.62	891.14
08 33 39 00-0176		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0177	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,026.72	813.05
08 33 39 00-0178	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,609.77	828.67
08 33 39 00-0179	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,192.83	844.28
08 33 39 00-0180	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,775.88	859.90
08 33 39 00-0181	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,358.95	875.52
08 33 39 00-0182	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,942.00	891.14
08 33 39 00-0183	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,627.68	906.75
08 33 39 00-0184		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 39 00-0135)*		
08 33 39 00-0185	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,712.39	828.67
08 33 39 00-0186	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,295.45	844.28
08 33 39 00-0187	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,878.50	859.90
08 33 39 00-0188	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,460.55	875.52
08 33 39 00-0189	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,044.62	891.14
08 33 39 00-0190	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,627.68	906.75
08 33 39 00-0191	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,205.63	922.37
08 33 39 00-0192		Rytec® Spiral® Door Options *(08 33 39 00-0134)*		
08 33 39 00-0193	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	331.50	
08 33 39 00-0194	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	224.40	
08 33 39 00-0195	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	331.50	
08 33 39 00-0196	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	642.67	45.94
08 33 39 00-0197	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	1,836.14	91.87
08 33 39 00-0198	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,269.24	91.87
08 33 39 00-0199	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,712.94	91.87
08 33 39 00-0200		Activation And Control Box Options For High Speed Doors *(08 33 39)*		
08 33 39 00-0201	EA	Pull Cord For High-Speed Rolling Doors	173.47	45.94
08 33 39 00-0202	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	127.54	22.96
08 33 39 00-0203	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	158.14	22.96
08 33 39 00-0204	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	168.34	22.96
08 33 39 00-0205	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	295.84	22.96
08 33 39 00-0206	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	469.31	41.34
08 33 39 00-0207	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	653.04	
08 33 39 00-0208	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	407.81	41.34
08 33 39 00-0209	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	525.41	41.34
08 33 39 00-0210	EA	Motion Detector For High-Speed Rolling Doors	442.72	27.56
08 33 39 00-0211	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	316.27	45.94
08 33 39 00-0212	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	423.37	45.94
08 33 39 00-0213	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	479.47	45.94
08 33 39 00-0214	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	591.67	45.94

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	8,223.71	494.45
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	8,512.04	494.45
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	8,800.36	494.45

08 34 Special Function Doors *(08 30)*

08 34 13 Cold Storage Doors *(08 34)*

08 34 13 00-0001 Vertical Sliding Doors *(08 34 13)*
Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	6,047.41	721.04
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*359.82*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" F.I.P. Polyurethane	7,758.91	915.39
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*457.69*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 13 00-0004		Horizontal Sliding Doors *(08 34 13)*		
		Note: Doors to be filled with 4" F.I.P. polyurethane.		
08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	4,858.22	575.86
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	5,475.01	649.37
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	7,075.34	855.79
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane	4,232.35	523.23
08 34 13 00-0009		Horizontal Hinge Type *(08 34 13)*		
		Note: Doors to be filled with 4" F.I.P. polyurethane.		
08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" F.I.P. Polyurethane	2,861.24	340.34
08 34 16		**Hangar Doors** *(08 34)*		
08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels	39.50	13.51
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels	36.35	13.51
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hanger Door 25' Panels	34.23	2.89
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hanger Door 25' Panels	33.40	1.93
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hanger Door 25' Panels	34.26	1.93
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hanger Door 25' Panels	51.89	1.93
		Note: Includes motorized opener and special hardware.		
08 34 23		**Sidewalk and Basement Doors** *(08 34)*		
08 34 23 00-0001		Drainage Doors *(08 34 23)*		
08 34 23 00-0002		Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,004.00	163.62
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,231.81	170.97
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,307.43	174.64
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,440.45	178.32
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,677.38	187.51
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,709.21	183.19
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,900.52	187.51
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,983.48	191.82
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,174.80	196.15
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,522.87	207.17
08 34 23 00-0013		Double Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,027.99	183.19
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,130.17	196.15
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,698.80	218.19
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,775.31	218.19
08 34 23 00-0018		Single Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,596.93	163.62
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,862.99	170.97
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,027.90	174.64
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,294.82	178.32
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,652.88	187.51
08 34 23 00-0024		Double Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,652.80	183.19
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,545.56	196.15
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,038.65	218.19
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,745.37	218.19
08 34 23 00-0029		Single Leaf Steel Drainage Doors *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,141.87	163.62
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,199.40	170.97
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,331.07	174.64
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,469.41	178.32
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,702.35	187.51
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,622.87	183.19
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,841.81	187.51
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,834.98	191.82
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,040.65	196.15
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,176.73	207.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0040		**Double Leaf Steel Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - JD Series.		
08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,981.50	183.19
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,080.50	196.15
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,585.10	218.19
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,658.16	218.19
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,912.25	163.62
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,022.91	170.97
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,094.84	174.64
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,458.99	178.32
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,891.17	187.51
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)* Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,176.93	183.19
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,548.21	196.15
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,248.25	218.19
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,115.42	218.19
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)* Note: Bilco - J-R (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	961.20	163.62
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,129.67	170.97
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,194.92	174.64
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,261.33	178.32
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,419.90	187.51
08 34 23 00-0062		**Non-Drainage Doors** *(08 34 23)*		
08 34 23 00-0063		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	965.82	163.62
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,168.05	170.97
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,250.11	174.64
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,300.23	178.32
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,632.75	187.51
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,473.34	183.19
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,645.50	187.51
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,843.11	191.82
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,951.73	196.15
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,217.09	207.17
08 34 23 00-0074		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	793.68	163.62
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	951.28	170.97
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,052.46	174.64
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,121.71	178.32
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,301.22	187.51
08 34 23 00-0080		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,868.63	183.19
08 34 23 00-0082		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,792.34	196.15
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,514.01	218.19
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,565.02	218.19
08 34 23 00-0086		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	870.19	163.62
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,015.04	170.97
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,084.34	174.64
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,185.47	178.32
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,384.10	187.51
08 34 23 00-0092		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,900.72	196.15
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,647.90	218.19
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,686.15	218.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0096		**Single Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	796.60	163.62
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	887.26	170.97
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	992.43	174.64
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,051.05	178.32
08 34 23 00-0101		**Double Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)* Note: Bilco - QD Series.		
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,563.10	183.19
08 34 23 00-0103		**Basement Doors** *(08 34 23)* Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,122.50	206.71
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	917.64	156.64
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	958.19	172.26
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,023.68	183.74
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,134.69	206.71
08 34 49		**Radiation Shielding Doors And Frames** *(08 34)*		
08 34 49 13		**Neutron Shielding Doors And Frames** *(08 34 49)*		
08 34 49 13-0001		**Lead Lined Doors And Frames** *(08 34 49 13)*		
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	46.88	9.18
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	54.06	9.18
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	46.52	9.18
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	48.91	9.18
08 34 53		**Security Doors And Frames** *(08 34)*		
08 34 53 00-0001		**Metal Security Doors, Bullet Resistant** *(08 34 53)* Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	44.70	6.91
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	1,807.31	344.82
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	2,124.04	366.04
08 34 53 00-0005		**Metal Security Doors** *(08 34 53)* Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.	657.58	63.16
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.	657.58	63.16
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.	923.23	63.16
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		**Pivoting Double Folding Gate** *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	787.82	174.75
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	884.64	196.59
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	954.89	218.44
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,051.70	240.28
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	885.05	176.93
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	955.48	198.78
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,047.87	220.62
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,122.98	242.46
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	929.25	179.12
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	999.43	200.96
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,054.56	211.88
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,109.91	222.81
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,186.83	244.65
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,013.39	181.30
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,083.34	203.15
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,145.04	214.07
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,220.77	224.99
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,330.45	246.83
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,141.79	185.67
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,229.30	209.70
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,321.87	222.81
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,375.76	229.36
08 34 56 00-0024		**Pivoting Single Folding Gate** *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	536.88	122.32
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	572.17	126.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	607.47	131.06
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	651.53	139.80
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	682.28	148.54
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	572.05	126.69
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	607.53	131.06
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	642.84	135.43
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	686.85	144.17
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	717.80	152.91
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	620.62	131.06
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	656.12	135.43
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	691.36	139.80
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	735.51	148.54
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	779.76	157.27

08 34 56 00-0040 Window Gates, Expands From 2' To 4' *(08 34 56)*

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	217.36	48.06
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	226.10	52.42
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	226.10	52.42
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	235.36	56.79
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	235.36	56.79
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	244.09	61.16
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	244.10	61.16
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	252.83	65.53
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	252.83	65.53
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	261.57	69.90
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	261.57	69.90

08 34 56 00-0052 Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)*

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	270.31	74.27
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	271.93	74.27
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	282.82	78.64
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	293.71	83.01
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	295.86	83.01
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	306.75	87.37
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	308.90	87.37
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	319.13	91.74
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	321.95	91.74

08 34 73 Sound Control Door Assemblies *(08 34)*

08 34 73 13 Metal Sound Control Door Assemblies *(08 34 73)*

08 34 73 13-0001 Steel Acoustical Door Assemby *(08 34 73 13)*

Note: Includes seal.

08 34 73 13-0002 Steel Acoustical Doors *(08 34 73 13-0001)*

Note: Includes hinges.

08 34 73 13-0003	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	2,042.65	55.12
		For 60 Minutes Fire Rated, Add	*116.72*	
		For 3" x 33" Vision Lite, Add	*811.07*	
		For 20" x 64" Vision Lite, Add	*867.93*	
08 34 73 13-0004	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated)	2,163.96	57.42
		For 60 Minutes Fire Rated, Add	*116.72*	
		For 3" x 33" Vision Lite, Add	*811.07*	
		For 20" x 64" Vision Lite, Add	*867.93*	
08 34 73 13-0005	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated)	2,289.87	62.01
		For 60 Minutes Fire Rated, Add	*116.72*	
		For 3" x 33" Vision Lite, Add	*811.07*	
		For 20" x 64" Vision Lite, Add	*867.93*	
08 34 73 13-0006	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	4,074.25	104.73
		For 1 Hour Fire Rated, Add	*233.44*	
		For 3" x 33" Windows, Add	*1,622.14*	
		For 20" x 64" Windows, Add	*1,735.86*	

08 34 73 13-0007 Steel Acoustical Door Frames *(08 34 73 13-0001)*

08 34 73 13-0008	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,698.13	91.87
08 34 73 13-0009	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,741.03	91.87
08 34 73 13-0010	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,783.93	91.87
08 34 73 13-0011	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,826.83	91.87
08 34 73 13-0012	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,939.97	101.06
08 34 73 13-0013	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	1,987.86	101.06
08 34 73 13-0014	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,030.75	101.06
08 34 73 13-0015	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,083.96	101.06
08 34 73 13-0016	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,183.60	105.65
08 34 73 13-0017	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,226.50	105.65
08 34 73 13-0018	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,269.40	105.65
08 34 73 13-0019	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,317.28	105.65
08 34 73 13-0020	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,828.31	119.43
08 34 73 13-0021	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,869.21	119.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0022	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,913.11	119.43
08 34 73 13-0023	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	3,958.00	119.43

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Wood Acoustical Door Assembly *(08 34 73 16)*
Note: Includes the prefinished door, frame, hinges and seals.

08 34 73 16-0002	EA	3' x 7', STC 41, Wood Acoustical Door System (Unrated)	2,104.29	165.37
08 34 73 16-0003	EA	3' x 7', STC 49, Wood Acoustical Door System (Unrated)	2,852.51	165.37

08 35 Folding Doors And Grilles *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	54.00	9.18
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	14.87	9.18
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	27.12	9.18
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	36.37	9.18

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

08 36 13 00-0001 Sectional Wood Overhead Doors *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,212.43	367.48
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	2,736.14	407.90
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	3,481.25	488.75
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	4,974.00	565.92
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	5,385.46	734.96
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	5,197.16	918.70
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	9,347.64	1,224.63

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,140.26	183.74
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*411.52*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,773.58	183.74
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*438.83*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors *(08 36 13)*
Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*
Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,122.29	321.54
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*69.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*119.80*	
		For Aluminum, Mill Finish, Add	*54.63*	
		For Aluminum, Anodized Finish, Add	*152.86*	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,313.46	367.48
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*83.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*144.63*	
		For Aluminum, Mill Finish, Add	*65.95*	
		For Aluminum, Anodized Finish, Add	*184.54*	
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,626.00	459.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*102.56*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*176.83*	
		For Aluminum, Mill Finish, Add	*80.63*	
		For Aluminum, Anodized Finish, Add	*225.63*	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,269.24	367.48
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*77.47*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*133.57*	
		For Aluminum, Mill Finish, Add	*60.91*	
		For Aluminum, Anodized Finish, Add	*170.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,569.36	459.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*94.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*162.67*	
		For Aluminum, Mill Finish, Add	*74.18*	
		For Aluminum, Anodized Finish, Add	*207.56*	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,990.06	597.16
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*115.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*198.94*	
		For Aluminum, Mill Finish, Add	*90.72*	
		For Aluminum, Anodized Finish, Add	*253.84*	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,375.86	734.96
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*131.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*226.49*	
		For Aluminum, Mill Finish, Add	*103.28*	
		For Aluminum, Anodized Finish, Add	*288.99*	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,532.13	459.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*88.95*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*153.36*	
		For Aluminum, Mill Finish, Add	*69.93*	
		For Aluminum, Anodized Finish, Add	*195.68*	
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,934.20	597.16
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*107.28*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*184.97*	
		For Aluminum, Mill Finish, Add	*84.35*	
		For Aluminum, Anodized Finish, Add	*236.02*	
08 36 13 00-0025	EA	12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,365.76	734.96
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*129.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*223.96*	
		For Aluminum, Mill Finish, Add	*102.13*	
		For Aluminum, Anodized Finish, Add	*285.77*	
08 36 13 00-0026	EA	12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,795.78	872.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*152.29*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*262.56*	
		For Aluminum, Mill Finish, Add	*119.73*	
		For Aluminum, Anodized Finish, Add	*335.03*	
08 36 13 00-0027	EA	12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,348.69	1,056.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*179.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*308.92*	
		For Aluminum, Mill Finish, Add	*140.87*	
		For Aluminum, Anodized Finish, Add	*394.19*	
08 36 13 00-0028	EA	14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,860.50	597.16
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*96.60*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*166.55*	
		For Aluminum, Mill Finish, Add	*75.95*	
		For Aluminum, Anodized Finish, Add	*212.51*	
08 36 13 00-0029	EA	14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,288.95	734.96
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*118.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*204.76*	
		For Aluminum, Mill Finish, Add	*93.37*	
		For Aluminum, Anodized Finish, Add	*261.27*	
08 36 13 00-0030	EA	14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,834.11	918.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*144.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*249.18*	
		For Aluminum, Mill Finish, Add	*113.62*	
		For Aluminum, Anodized Finish, Add	*317.95*	
08 36 13 00-0031	EA	14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,265.67	1,056.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*167.14*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*288.17*	
		For Aluminum, Mill Finish, Add	*131.40*	
		For Aluminum, Anodized Finish, Add	*367.70*	
08 36 13 00-0032	EA	14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,738.36	1,194.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*195.71*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*337.44*	
		For Aluminum, Mill Finish, Add	*153.87*	
		For Aluminum, Anodized Finish, Add	*430.57*	
08 36 13 00-0033	EA	16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,261.79	734.96
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*114.82*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*197.97*	
		For Aluminum, Mill Finish, Add	*90.27*	
		For Aluminum, Anodized Finish, Add	*252.61*	
08 36 13 00-0034	EA	16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,805.40	918.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*140.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*242.00*	
		For Aluminum, Mill Finish, Add	*110.35*	
		For Aluminum, Anodized Finish, Add	*308.79*	
08 36 13 00-0035	EA	16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,280.40	1,056.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*169.27*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*291.85*	
		For Aluminum, Mill Finish, Add	*133.08*	
		For Aluminum, Anodized Finish, Add	*372.40*	
08 36 13 00-0036	EA	16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,854.74	1,194.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*212.59*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*366.53*	
		For Aluminum, Mill Finish, Add	*167.14*	
		For Aluminum, Anodized Finish, Add	*467.69*	
08 36 13 00-0037	EA	16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,479.05	1,378.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*249.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*430.74*	
		For Aluminum, Mill Finish, Add	*196.42*	
		For Aluminum, Anodized Finish, Add	*549.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0038	EA	18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,865.15	918.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*149.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*256.94*	
		For Aluminum, Mill Finish, Add	*117.16*	
		For Aluminum, Anodized Finish, Add	*327.85*	
08 36 13 00-0039	EA	18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,387.48	1,056.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*184.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*318.62*	
		For Aluminum, Mill Finish, Add	*145.29*	
		For Aluminum, Anodized Finish, Add	*406.56*	
08 36 13 00-0040	EA	18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,025.44	1,194.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*237.34*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*409.21*	
		For Aluminum, Mill Finish, Add	*186.60*	
		For Aluminum, Anodized Finish, Add	*522.15*	
08 36 13 00-0041	EA	18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,650.52	1,378.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*274.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*473.60*	
		For Aluminum, Mill Finish, Add	*215.96*	
		For Aluminum, Anodized Finish, Add	*604.32*	
08 36 13 00-0042	EA	18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,323.72	1,561.79
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*319.02*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*550.03*	
		For Aluminum, Mill Finish, Add	*250.81*	
		For Aluminum, Anodized Finish, Add	*701.84*	
08 36 13 00-0043	EA	20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,265.67	1,056.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*167.14*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*288.17*	
		For Aluminum, Mill Finish, Add	*131.40*	
		For Aluminum, Anodized Finish, Add	*367.70*	
08 36 13 00-0044	EA	20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,788.02	1,194.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*202.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*349.85*	
		For Aluminum, Mill Finish, Add	*159.53*	
		For Aluminum, Anodized Finish, Add	*446.41*	
08 36 13 00-0045	EA	20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,590.78	1,378.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*266.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*458.67*	
		For Aluminum, Mill Finish, Add	*209.15*	
		For Aluminum, Anodized Finish, Add	*585.26*	
08 36 13 00-0046	EA	20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,215.87	1,561.79
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*303.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*523.07*	
		For Aluminum, Mill Finish, Add	*238.52*	
		For Aluminum, Anodized Finish, Add	*667.43*	
08 36 13 00-0047	EA	20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,280.11	1,745.53
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*404.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*697.26*	
		For Aluminum, Mill Finish, Add	*317.95*	
		For Aluminum, Anodized Finish, Add	*889.70*	
08 36 13 00-0048	EA	22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,651.46	1,194.31
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*183.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*315.71*	
		For Aluminum, Mill Finish, Add	*143.96*	
		For Aluminum, Anodized Finish, Add	*402.85*	
08 36 13 00-0049	EA	22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,423.97	1,378.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*241.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*416.97*	
		For Aluminum, Mill Finish, Add	*190.14*	
		For Aluminum, Anodized Finish, Add	*532.05*	
08 36 13 00-0050	EA	22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,180.96	1,561.79
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*298.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*514.34*	
		For Aluminum, Mill Finish, Add	*234.54*	
		For Aluminum, Anodized Finish, Add	*656.30*	
08 36 13 00-0051	EA	22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,029.50	1,745.53
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*368.07*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*634.60*	
		For Aluminum, Mill Finish, Add	*289.38*	
		For Aluminum, Anodized Finish, Add	*809.75*	
08 36 13 00-0052	EA	22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,765.48	1,929.27
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*421.51*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*726.74*	
		For Aluminum, Mill Finish, Add	*331.39*	
		For Aluminum, Anodized Finish, Add	*927.32*	
08 36 13 00-0053	EA	24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,094.22	1,378.05
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*194.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*334.53*	
		For Aluminum, Mill Finish, Add	*152.54*	
		For Aluminum, Anodized Finish, Add	*426.86*	
08 36 13 00-0054	EA	24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,890.77	1,561.79
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*256.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*441.79*	
		For Aluminum, Mill Finish, Add	*201.46*	
		For Aluminum, Anodized Finish, Add	*563.73*	
08 36 13 00-0055	EA	24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,821.56	1,745.53
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*337.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*582.62*	
		For Aluminum, Mill Finish, Add	*265.67*	
		For Aluminum, Anodized Finish, Add	*743.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0056	EA	24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,489.27	1,929.27
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*381.46*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*657.69*	
		For Aluminum, Mill Finish, Add	*299.90*	
		For Aluminum, Anodized Finish, Add	*839.21*	
08 36 13 00-0057	EA	24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,239.26	2,113.01
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*436.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*753.31*	
		For Aluminum, Mill Finish, Add	*343.51*	
		For Aluminum, Anodized Finish, Add	*961.23*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,350.62	321.54
		For Aluminum, Mill Finish, Add	*80.66*	
		For Aluminum, Anodized Finish, Add	*225.70*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*35.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*155.66*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,596.87	367.48
		For Aluminum, Mill Finish, Add	*98.26*	
		For Aluminum, Anodized Finish, Add	*274.95*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*43.10*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*189.62*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,967.90	459.35
		For Aluminum, Mill Finish, Add	*119.61*	
		For Aluminum, Anodized Finish, Add	*334.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*52.46*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*230.82*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,565.40	367.48
		For Aluminum, Mill Finish, Add	*94.67*	
		For Aluminum, Anodized Finish, Add	*264.91*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*41.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*182.70*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,929.13	459.35
		For Aluminum, Mill Finish, Add	*115.19*	
		For Aluminum, Anodized Finish, Add	*322.33*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*50.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*222.29*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,463.01	597.16
		For Aluminum, Mill Finish, Add	*144.63*	
		For Aluminum, Anodized Finish, Add	*404.72*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*63.44*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*279.11*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,892.27	734.96
		For Aluminum, Mill Finish, Add	*162.15*	
		For Aluminum, Anodized Finish, Add	*453.73*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*71.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*312.92*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,869.87	459.35
		For Aluminum, Mill Finish, Add	*108.43*	
		For Aluminum, Anodized Finish, Add	*303.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*47.56*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*209.26*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,351.07	597.16
		For Aluminum, Mill Finish, Add	*131.87*	
		For Aluminum, Anodized Finish, Add	*369.01*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*57.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*254.49*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,872.52	734.96
		For Aluminum, Mill Finish, Add	*159.90*	
		For Aluminum, Anodized Finish, Add	*447.43*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*70.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*308.57*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,369.82	872.77
		For Aluminum, Mill Finish, Add	*185.17*	
		For Aluminum, Anodized Finish, Add	*518.15*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*81.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*357.34*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,088.48	1,056.50
		For Aluminum, Mill Finish, Add	*225.20*	
		For Aluminum, Anodized Finish, Add	*630.18*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*98.77*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*434.61*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,264.01	597.16
		For Aluminum, Mill Finish, Add	*121.95*	
		For Aluminum, Anodized Finish, Add	*341.23*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*53.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*235.33*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,803.01	734.96
		For Aluminum, Mill Finish, Add	*151.97*	
		For Aluminum, Anodized Finish, Add	*425.26*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*66.65*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*293.28*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,430.23	918.70
		For Aluminum, Mill Finish, Add	*181.58*	
		For Aluminum, Anodized Finish, Add	*508.11*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*79.64*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*350.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,021.16	1,056.50
		For Aluminum, Mill Finish, Add	*217.53*	
		For Aluminum, Anodized Finish, Add	*608.70*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*95.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*419.80*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,600.42	1,194.31
		For Aluminum, Mill Finish, Add	*252.15*	
		For Aluminum, Anodized Finish, Add	*705.56*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*110.59*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*486.60*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,727.65	734.96
		For Aluminum, Mill Finish, Add	*143.38*	
		For Aluminum, Anodized Finish, Add	*401.22*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*62.89*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*276.70*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,488.76	918.70
		For Aluminum, Mill Finish, Add	*188.26*	
		For Aluminum, Anodized Finish, Add	*526.78*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*82.57*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*363.30*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,060.68	1,056.50
		For Aluminum, Mill Finish, Add	*222.04*	
		For Aluminum, Anodized Finish, Add	*621.31*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*97.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*428.49*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,635.54	1,194.31
		For Aluminum, Mill Finish, Add	*256.15*	
		For Aluminum, Anodized Finish, Add	*716.77*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*112.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*494.32*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,453.73	1,378.05
		For Aluminum, Mill Finish, Add	*307.53*	
		For Aluminum, Anodized Finish, Add	*860.54*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*134.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*593.48*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,204.87	918.70
		For Aluminum, Mill Finish, Add	*155.89*	
		For Aluminum, Anodized Finish, Add	*436.22*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*68.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*300.84*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,904.83	1,056.50
		For Aluminum, Mill Finish, Add	*204.27*	
		For Aluminum, Anodized Finish, Add	*571.59*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*89.59*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*394.20*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,506.76	1,194.31
		For Aluminum, Mill Finish, Add	*241.47*	
		For Aluminum, Anodized Finish, Add	*675.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*105.91*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*465.99*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,528.35	1,378.05
		For Aluminum, Mill Finish, Add	*316.04*	
		For Aluminum, Anodized Finish, Add	*884.34*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*138.61*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*609.89*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,099.97	1,561.79
		For Aluminum, Mill Finish, Add	*339.31*	
		For Aluminum, Anodized Finish, Add	*949.46*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*148.82*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*654.80*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,890.93	1,056.50
		For Aluminum, Mill Finish, Add	*202.68*	
		For Aluminum, Anodized Finish, Add	*567.16*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*88.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*391.14*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,538.97	1,194.31
		For Aluminum, Mill Finish, Add	*245.14*	
		For Aluminum, Anodized Finish, Add	*685.96*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*107.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*473.08*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,678.34	1,378.05
		For Aluminum, Mill Finish, Add	*333.13*	
		For Aluminum, Anodized Finish, Add	*932.19*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*146.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*642.89*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,233.86	1,561.79
		For Aluminum, Mill Finish, Add	*354.57*	
		For Aluminum, Anodized Finish, Add	*992.17*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*155.51*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*684.26*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,184.48	1,745.53
		For Aluminum, Mill Finish, Add	*421.05*	
		For Aluminum, Anodized Finish, Add	*1,178.19*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*184.67*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*812.55*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,298.25	1,194.31
		For Aluminum, Mill Finish, Add	*217.70*	
		For Aluminum, Anodized Finish, Add	*609.17*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*95.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*420.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,232.04	1,378.05
		For Aluminum, Mill Finish, Add	*282.26*	
		For Aluminum, Anodized Finish, Add	*789.82*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*123.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*544.70*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,153.39	1,561.79
		For Aluminum, Mill Finish, Add	*345.40*	
		For Aluminum, Anodized Finish, Add	*966.50*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*151.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*666.55*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,907.19	1,745.53
		For Aluminum, Mill Finish, Add	*389.44*	
		For Aluminum, Anodized Finish, Add	*1,089.74*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*170.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*751.54*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,828.49	1,929.27
		For Aluminum, Mill Finish, Add	*452.58*	
		For Aluminum, Anodized Finish, Add	*1,266.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*198.50*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*873.39*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,827.43	1,378.05
		For Aluminum, Mill Finish, Add	*236.13*	
		For Aluminum, Anodized Finish, Add	*660.75*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*103.57*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*455.69*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,842.44	1,561.79
		For Aluminum, Mill Finish, Add	*309.95*	
		For Aluminum, Anodized Finish, Add	*867.31*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*135.94*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*598.14*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,722.09	1,745.53
		For Aluminum, Mill Finish, Add	*368.33*	
		For Aluminum, Anodized Finish, Add	*1,030.69*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*161.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*710.82*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,644.85	1,929.27
		For Aluminum, Mill Finish, Add	*431.64*	
		For Aluminum, Anodized Finish, Add	*1,207.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*189.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*832.99*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,555.21	2,113.01
		For Aluminum, Mill Finish, Add	*493.53*	
		For Aluminum, Anodized Finish, Add	*1,381.01*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*216.46*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*952.42*	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,009.25	183.74
		For Aluminum And Fiberglass, Add	*170.47*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*197.96*	
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,107.94	183.74
		For Aluminum And Fiberglass, Add	*201.06*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*233.49*	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,433.77	210.20
		For Aluminum And Fiberglass, Add	*281.91*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*327.38*	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,588.84	210.20
		For Aluminum And Fiberglass, Add	*329.99*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*383.21*	

08 36 13 00-0106 Remove And Reinstall Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	13.00	

08 36 13 00-0108 Sectional Fiberglass Overhead Doors *(08 36 13)*

08 36 13 00-0109 Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,529.46	321.54
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,803.47	367.48
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,154.85	459.35
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,785.98	367.48
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,109.55	413.42
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,680.43	574.19
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,253.70	734.96
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,130.07	459.35
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,670.23	574.19
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,204.29	689.02
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,967.13	918.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,641.48	1,102.44
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,657.68	643.09
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,192.47	734.96
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,914.65	918.70
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,635.65	1,102.44
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,174.63	1,194.31
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,021.92	734.96
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,590.84	826.83
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,352.67	1,010.57
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,106.12	1,194.31
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,676.89	1,286.18

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,821.94	321.54
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,156.08	367.48
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,562.77	459.35
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,132.81	367.48
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,532.88	413.42
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,186.01	574.19
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	3,842.50	734.96
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,529.82	459.35
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,172.44	574.19
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,807.05	689.02
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	4,669.94	918.70
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,445.79	1,102.44
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,110.35	643.09
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,761.07	734.96
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,600.14	918.70
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,438.03	1,102.44
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	6,094.39	1,194.31
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,534.24	734.96
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,230.15	826.83
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,121.87	1,010.57
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,003.27	1,194.31
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	6,701.53	1,286.18

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Molding, Draft Stop	2.91
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	4.02
08 36 13 00-0160	LF	Weather Strip At Door Bottom	2.55
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	216.63
08 36 13 00-0162	EA	Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,302.24
08 36 13 00-0163	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	19.53
08 36 13 00-0164	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	12.18
08 36 13 00-0165	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	20.41
08 36 13 00-0166	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	13.92
08 36 13 00-0167	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	32.84
08 36 13 00-0168	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	22.17
08 36 13 00-0169	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	349.88
08 36 13 00-0170	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	541.11
08 36 13 00-0171	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	823.57
08 36 13 00-0172	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	0.80
08 36 13 00-0173	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.03
08 36 13 00-0174	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.36

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	8.52	4.60
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.39*	
		For Ribbed Strip Material, Add	*0.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	10.58	5.05
		For Cooler/Freezer Doors, USDA Grade, Add	*0.55*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.16*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	9.54	4.60
		For Cooler/Freezer Doors, USDA Grade, Add	*0.49*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.04*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	11.25	5.05
		For Cooler/Freezer Doors, USDA Grade, Add	*0.62*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.30*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	10.88	4.60
		For Cooler/Freezer Doors, USDA Grade, Add	*0.63*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*1.32*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	21.72	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*1.25*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*2.63*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	23.60	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*1.44*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*3.03*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	41.88	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*3.27*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*6.87*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	49.81	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*4.06*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*8.53*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	58.02	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*4.88*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*10.26*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip	93.78	9.18
		For Cooler/Freezer Doors, USDA Grade, Add	*8.46*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*17.77*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,375.51	91.87
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,477.95	91.87
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	2,975.16	105.65
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	3,334.26	114.84
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,107.14	114.84
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,336.48	114.84
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,951.55	137.81

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,518.12	91.87
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,632.21	91.87
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	3,500.48	105.65
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	3,857.25	114.84
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,706.93	114.84
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,940.22	114.84
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,623.23	137.81

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	694.54	50.53
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	744.53	50.53
08 38 16 00-0024		96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*		
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	744.53	50.53
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	758.63	50.53
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,361.49	87.28
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,461.48	87.28
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,461.48	87.28
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,489.68	87.28

08 38 19 Rigid Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	367.67	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	390.74	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	404.31	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	418.41	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	437.13	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	467.89	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	490.62	62.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	407.41	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	425.35	50.53
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	440.20	52.83
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	450.45	52.83
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	489.68	55.12
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	497.37	55.12
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	518.82	62.01
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

	08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	707.76	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	753.91	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	771.85	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	800.05	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	837.47	91.87
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	899.00	91.87
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	916.95	91.87
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*

	08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	787.23	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	
	08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	823.13	87.28
			For Each 14" x 16" Window, Add	*22.00*	
			For Each 15" x 20" Window, Add	*28.00*	
			For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	843.64	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	864.14	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	942.58	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	957.97	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	973.35	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.

08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	603.53	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	663.77	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	692.72	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	718.35	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	730.67	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	783.22	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	844.41	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	853.38	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*

08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	654.80	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	717.61	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	746.56	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	778.60	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	806.29	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	857.57	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	891.84	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	923.88	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0057		84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,179.47	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,299.97	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,348.68	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,399.95	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,424.55	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,529.66	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,624.52	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,642.46	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0066		96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,282.02	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,407.64	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,456.35	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,520.44	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,575.81	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,678.35	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,719.37	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,783.46	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0075		3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*		
		Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076		Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*		
08 38 19 00-0077		84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*		
08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	634.29	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	711.20	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	736.30	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	743.99	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	756.30	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	828.08	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	900.81	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	909.78	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	650.96	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	745.81	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	772.19	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	782.45	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	789.63	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	842.18	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	913.63	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	923.88	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,241.00	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,394.82	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,435.84	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,451.22	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,475.82	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,619.39	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,737.32	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,755.26	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,274.33	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,464.04	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,507.62	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,528.13	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,542.48	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,647.59	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,762.95	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,783.46	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*

Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.

08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	788.11	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	856.05	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	878.58	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	895.25	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	928.07	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	960.11	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	999.51	62.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,021.30	62.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	845.79	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	917.58	50.53
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	941.39	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	950.37	52.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	980.62	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,022.92	55.12
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,057.19	62.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,078.98	62.01
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,548.64	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,684.52	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,720.41	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,753.73	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,819.36	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,883.45	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,934.72	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,978.30	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0144		96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,664.01	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,807.57	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,846.03	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,863.97	87.28
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,924.47	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,009.07	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,050.08	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,093.67	91.87
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0153		1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154		Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0155		84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	775.29	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	812.47	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	850.38	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	872.17	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	930.63	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	974.21	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,022.58	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,063.60	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	800.93	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	845.79	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	872.17	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	902.94	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	965.24	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,017.80	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,063.60	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,102.06	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	866.30	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	875.28	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	917.04	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	945.24	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,008.82	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,071.63	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,114.87	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,153.33	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,523.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,597.35	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,664.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,707.59	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,824.48	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,911.65	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,980.87	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,062.90	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,574.28	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,664.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,707.59	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,769.12	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,893.70	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,998.81	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,062.90	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,139.81	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0201		96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,705.02	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,722.97	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,797.32	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,853.72	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,980.87	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,106.48	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,165.45	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,242.36	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	775.29	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	812.47	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	850.38	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	872.17	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	930.63	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	974.21	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,022.58	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,063.60	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	800.93	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	845.79	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	872.17	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	902.94	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	965.24	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,017.80	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,063.60	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,102.06	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	866.30	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	875.28	50.53
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	917.04	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	945.24	52.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,008.82	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,071.63	55.12
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,114.87	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,153.33	62.01
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0239		Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0240		84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,523.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,597.35	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,664.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,707.59	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,824.48	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,911.65	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,980.87	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,062.90	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,574.28	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,664.01	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,707.59	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,769.12	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,893.70	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,998.81	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,062.90	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,139.81	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,705.02	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,722.97	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,797.32	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,853.72	87.28
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,980.87	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,106.48	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,165.45	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,242.36	91.87
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0267 Rigid Impact Traffic Door Accessories *(08 38 19)*

08 38 19 00-0268 Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*

Note: Includes two bumpers per set.

08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	84.18	36.75
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	90.59	36.75
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	95.71	36.75
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	104.69	36.75

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0273		Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	188.01	36.75
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	241.84	36.75
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	345.67	36.75
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	395.66	36.75
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	446.94	36.75
08 38 19 00-0279		Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	95.71	36.75
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	100.84	36.75
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	107.25	36.75
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	116.22	36.75
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	121.35	36.75
08 38 19 00-0286		24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	121.35	36.75
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	144.42	36.75
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	157.24	36.75
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	175.19	36.75
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	186.72	36.75
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	144.42	36.75
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	164.93	36.75
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	180.31	36.75
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	208.52	36.75
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	227.74	36.75
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	157.24	36.75
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	180.31	36.75
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	205.95	36.75
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	220.05	36.75
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	241.84	36.75
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	186.72	36.75
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	227.74	36.75
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	241.84	36.75
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	268.76	36.75
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	298.24	36.75
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	93.15	36.75
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	98.28	36.75
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	100.84	36.75
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	112.38	36.75
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	117.51	36.75
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	112.38	36.75
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	120.07	36.75
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	127.76	36.75
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	134.17	36.75
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	144.42	36.75
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	125.20	36.75
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	131.61	36.75
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	146.99	36.75
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	163.65	36.75
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	171.34	36.75
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	131.61	36.75
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	144.42	36.75
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	163.65	36.75
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	179.03	36.75
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	188.01	36.75
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	161.09	36.75
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	179.03	36.75
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	203.39	36.75
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	214.92	36.75
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	230.31	36.75
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	116.22	36.75
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	121.35	36.75
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	136.73	36.75
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	144.42	36.75
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	166.21	36.75
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	152.11	36.75
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	175.19	36.75
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	198.26	36.75
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	226.46	36.75
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	252.10	36.75
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	170.06	36.75
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	200.82	36.75
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	229.02	36.75
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	258.51	36.75
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	293.12	36.75
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	193.13	36.75
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	226.46	36.75
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	264.92	36.75
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	302.09	36.75
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	334.13	36.75
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	234.15	36.75
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	313.63	36.75
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	334.13	36.75
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	395.66	36.75
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	431.55	36.75
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	105.97	36.75
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	112.38	36.75
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	120.07	36.75
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	129.04	36.75
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	143.14	36.75
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	134.17	36.75
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	149.55	36.75
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	164.93	36.75
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	181.60	36.75
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	200.82	36.75
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	149.55	36.75
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	168.78	36.75
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	190.57	36.75
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	217.49	36.75
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	235.43	36.75
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	164.93	36.75
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	190.57	36.75
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	217.49	36.75
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	244.41	36.75
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.63	36.75
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	200.82	36.75
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	240.56	36.75
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.63	36.75
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	309.78	36.75
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	322.60	36.75
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	142.08	45.94
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	180.53	45.94
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	321.53	45.94
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	43.47	22.96
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	52.44	22.96
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	107.56	22.96
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	130.63	22.96
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	61.41	22.96
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)* Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	366.76	68.90
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	424.15	75.79
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	437.68	80.39
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	455.27	87.28
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	469.37	91.87
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	490.31	96.46
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	507.37	101.06
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	520.86	105.65
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	372.47	68.90
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	430.95	75.79
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	444.61	80.39
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	462.29	87.28
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	476.51	91.87
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	497.75	96.46
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	514.99	101.06
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	528.60	105.65
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	380.08	68.90
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	440.00	75.79
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	453.80	80.39
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	469.36	87.28
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	486.00	91.87
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	505.18	96.46
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	525.13	101.06
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	539.45	103.35
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	527.46	105.65
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	538.06	107.49
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	547.55	110.25
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	564.10	114.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	576.81	119.43
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	591.98	120.35
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	603.21	121.73
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	617.64	124.03
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	535.36	105.65
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	546.07	107.49
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	555.73	110.25
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	572.46	114.84
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	585.27	119.43
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	600.76	120.35
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	612.21	121.73
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	626.88	124.03
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	544.58	105.65
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	554.07	107.49
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	566.58	110.25
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	580.81	114.84
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	596.49	119.43
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	613.70	120.35
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	624.15	121.73
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	640.27	124.03

08 40 Entrances, Storefronts, And Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 23 00-2087 for exit device, 08 71 23 00-2242 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,516.88	561.64
		For 8' High Door, Add	*192.61*	
		For 10' High Door, Add	*418.71*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,527.74	561.64
		For 8' High Door, Add	*193.86*	
		For 10' High Door, Add	*421.43*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,162.51	842.30
		For 8' High Door, Add	*333.73*	
		For 10' High Door, Add	*725.49*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,696.47	842.30
		For 8' High Door, Add	*395.13*	
		For 10' High Door, Add	*858.98*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,744.79	561.64
		For 8' High Door, Add	*218.82*	
		For 10' High Door, Add	*475.69*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,769.75	561.64
		For 8' High Door, Add	*221.69*	
		For 10' High Door, Add	*481.93*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	4,593.37	842.30
		For 8' High Door, Add	*383.28*	
		For 10' High Door, Add	*833.21*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	5,114.75	842.30
		For 8' High Door, Add	*443.23*	
		For 10' High Door, Add	*963.55*	
		For 1" Insulated Glazing, Add	*78.65*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0002	EA	3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,086.78	210.51
		For Anodized Color, Add	*404.05*	
		For Stainless Steel, Add	*1,459.08*	
		For 8' High Door, Add	*258.15*	
		For 10' High Door, Add	*561.19*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1/2")	5,441.26	252.61
		For Anodized Color, Add	*762.90*	
		For Stainless Steel, Add	*2,754.92*	
		For 8' High Door, Add	*487.41*	
		For 10' High Door, Add	*1,059.59*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,491.18	210.51
		For Anodized Color, Add	*476.85*	
		For Stainless Steel, Add	*1,721.94*	
		For 8' High Door, Add	*304.65*	
		For 10' High Door, Add	*662.29*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 5/8")	6,311.97	252.61
		For Anodized Color, Add	*919.63*	
		For Stainless Steel, Add	*3,320.88*	
		For 8' High Door, Add	*587.54*	
		For 10' High Door, Add	*1,277.26*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,893.99	210.51
		For Anodized Color, Add	*549.35*	
		For Stainless Steel, Add	*1,983.77*	
		For 8' High Door, Add	*350.97*	
		For 10' High Door, Add	*762.99*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 3/4")	7,181.25	252.61
		For Anodized Color, Add	*1,076.10*	
		For Stainless Steel, Add	*3,885.91*	
		For 8' High Door, Add	*687.51*	
		For 10' High Door, Add	*1,494.58*	
		For 1" Insulated Glazing, Add	*78.65*	
08 42 26 00-0008	EA	3' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	4,701.19	210.51
		For Anodized Color, Add	*694.65*	
		For Stainless Steel, Add	*2,508.45*	
		For 8' High Door, Add	*443.80*	
		For 10' High Door, Add	*964.79*	
		For 1" Insulated Glazing, Add	*39.32*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1")	8,921.22	252.61
		For Anodized Color, Add	*1,389.29*	
		For Stainless Steel, Add	*5,016.90*	
		For 8' High Door, Add	*887.60*	
		For 10' High Door, Add	*1,929.58*	
		For 1" Insulated Glazing, Add	*78.65*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	18.52	2.53
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	24.12	3.37

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can "break-out" in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,372.18	84.21
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*90.28*	
		For Emergency Egress On All Panels, Add	*240.75*	
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,538.85	113.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*98.36*	
		For Emergency Egress On All Panels, Add	*262.30*	
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,675.84	126.30
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*106.74*	
		For Emergency Egress On All Panels, Add	*284.65*	
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,809.24	138.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*114.85*	
		For Emergency Egress On All Panels, Add	*306.27*	
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,367.39	168.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*152.29*	
		For Emergency Egress On All Panels, Add	*406.11*	
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,474.26	197.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*155.89*	
		For Emergency Egress On All Panels, Add	*415.70*	
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,281.86	227.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*212.04*	
		For Emergency Egress On All Panels, Add	*565.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0010		4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*		
		Note: Bi-parting.		
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,776.85	210.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*176.69*	
		For Emergency Egress On All Panels, Add	*471.17*	
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,045.19	231.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*193.66*	
		For Emergency Egress On All Panels, Add	*516.41*	
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,313.55	252.61
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*210.62*	
		For Emergency Egress On All Panels, Add	*561.66*	
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,984.38	273.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*257.78*	
		For Emergency Egress On All Panels, Add	*687.41*	
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,655.21	294.63
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*304.93*	
		For Emergency Egress On All Panels, Add	*813.16*	
08 42 29 23-0016		Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0017		2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Single sliding.		
08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,258.77	84.21
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*81.78*	
		For Emergency Egress On All Panels, Add	*218.07*	
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,415.31	113.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*89.10*	
		For Emergency Egress On All Panels, Add	*237.59*	
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,539.68	126.30
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*96.53*	
		For Emergency Egress On All Panels, Add	*257.41*	
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,664.97	138.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*104.03*	
		For Emergency Egress On All Panels, Add	*277.42*	
08 42 29 23-0022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,176.10	168.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*137.95*	
		For Emergency Egress On All Panels, Add	*367.86*	
08 42 29 23-0023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,278.45	197.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*141.20*	
		For Emergency Egress On All Panels, Add	*376.54*	
08 42 29 23-0024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,015.54	227.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*192.06*	
		For Emergency Egress On All Panels, Add	*512.17*	
08 42 29 23-0025		4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*		
		Note: Bi-parting.		
08 42 29 23-0026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,554.92	210.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*160.04*	
		For Emergency Egress On All Panels, Add	*426.78*	
08 42 29 23-0027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,801.94	231.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*175.41*	
		For Emergency Egress On All Panels, Add	*467.76*	
08 42 29 23-0028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,048.97	252.61
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*190.78*	
		For Emergency Egress On All Panels, Add	*508.75*	
08 42 29 23-0029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,660.59	273.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*233.49*	
		For Emergency Egress On All Panels, Add	*622.65*	
08 42 29 23-0030	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,272.20	294.63
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*276.21*	
		For Emergency Egress On All Panels, Add	*736.55*	
08 42 29 23-0031		Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*		
08 42 29 23-0032		2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*		
		Note: Single sliding.		
08 42 29 23-0033	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,563.86	84.21
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*104.66*	
		For Emergency Egress On All Panels, Add	*279.09*	
08 42 29 23-0034	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,747.70	113.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*114.03*	
		For Emergency Egress On All Panels, Add	*304.07*	
08 42 29 23-0035	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,027.81	126.30
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*133.14*	
		For Emergency Egress On All Panels, Add	*355.04*	
08 42 29 23-0036	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,323.40	138.94
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*153.41*	
		For Emergency Egress On All Panels, Add	*409.10*	
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,690.73	168.41
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*176.54*	
		For Emergency Egress On All Panels, Add	*470.78*	
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,805.22	197.88
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*180.71*	
		For Emergency Egress On All Panels, Add	*481.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,732.07	227.35
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*245.80*	
		For Emergency Egress On All Panels, Add	*655.47*	

08 42 29 23-0040 4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*

Note: Bi-parting.

08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,151.99	210.51
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*204.82*	
		For Emergency Egress On All Panels, Add	*546.19*	
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,456.35	231.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*224.49*	
		For Emergency Egress On All Panels, Add	*598.65*	
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,760.71	252.61
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*244.16*	
		For Emergency Egress On All Panels, Add	*651.10*	
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,531.68	273.67
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*298.83*	
		For Emergency Egress On All Panels, Add	*796.87*	
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,302.64	294.72
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*353.49*	
		For Emergency Egress On All Panels, Add	*942.64*	

08 42 29 23-0046 Accessories For Sliding Automatic Entrances *(08 42 29 23)*

See CSI section 08 42 29 33-0006 for eye operators.

08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	3,932.38	918.70
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	6,755.98	1,378.05

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	2,689.98	450.93
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	4,478.65	601.26
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	2,224.87	360.74
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	3,908.15	541.10

08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	343.04	36.07
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	304.64	36.07
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	307.70	36.07
08 42 29 33-0010	EA	Push Plate For Door Operator (MS Sedco 59 Series) Note: Excludes wiring from operator to push plate.	126.10	36.07
08 42 29 33-0011	EA	Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series) Note: Excludes wiring from operator to push button.	105.88	36.07
08 42 29 33-0012	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	528.49	90.19
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0013	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	738.88	45.09
08 42 29 33-0014	EA	Guard Rail For Door With Operator	167.73	45.09

08 42 33 Revolving Door Entrances *(08 42)*

08 42 33 00-0001 Aluminum Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	25,076.81	4,645.33
		For Automatic Controls, Add	*7,404.95*	
		For Powder Coated, Add	*875.12*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	34,338.41	6,968.09
		For Automatic Controls, Add	*8,682.43*	
		For Powder Coated, Add	*1,099.69*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	50,822.80	8,361.67
		For Automatic Controls, Add	*9,448.92*	
		For Powder Coated, Add	*1,944.71*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	27,875.98	5,109.82
		For Automatic Controls, Add	*7,665.66*	
		For Powder Coated, Add	*980.04*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	37,950.39	7,665.14
		For Automatic Controls, Add	*9,030.83*	
		For Powder Coated, Add	*1,231.53*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	56,732.44	9,197.83
		For Automatic Controls, Add	*9,959.91*	
		For Powder Coated, Add	*2,177.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0008		Stainless Steel Revolving Doors *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	25,656.92	4,645.33
		For Automatic Controls, Add	*7,404.95*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	35,067.38	6,968.09
		For Automatic Controls, Add	*8,682.43*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	52,111.93	8,361.67
		For Automatic Controls, Add	*9,448.92*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	28,527.19	5,109.82
		For Automatic Controls, Add	*7,665.66*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	38,768.71	7,665.14
		For Automatic Controls, Add	*9,030.83*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	58,179.56	9,197.83
		For Automatic Controls, Add	*9,959.91*	
08 42 33 00-0015		Bronze Revolving Doors *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	23,611.09	4,645.33
		For Automatic Controls, Add	*7,404.95*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	32,496.56	6,968.09
		For Automatic Controls, Add	*8,682.43*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	47,565.64	8,361.67
		For Automatic Controls, Add	*9,448.92*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	26,235.86	5,109.82
		For Automatic Controls, Add	*7,665.66*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	35,889.40	7,665.14
		For Automatic Controls, Add	*9,030.83*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	53,087.72	9,197.83
		For Automatic Controls, Add	*9,959.91*	
08 42 36		**Balanced Door Entrances** *(08 42)*		
08 42 36 00-0001		Balanced Doors, With Glass *(08 42 36)* Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	8,363.98	259.50
		For Bronze Instead Of Stainless Steel, Deduct	*-1,928.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*771.50*	
		For Tinted Glass, Add	*385.75*	
		For Aluminum, Painted Finish, Deduct	*-2,314.51*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	8,677.29	259.50
		For Bronze Instead Of Stainless Steel, Deduct	*-2,007.09*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*802.83*	
		For Tinted Glass, Add	*401.42*	
		For Aluminum, Painted Finish, Deduct	*-2,408.50*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	9,438.24	259.50
		For Bronze Instead Of Stainless Steel, Deduct	*-2,197.32*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*878.93*	
		For Tinted Glass, Add	*439.46*	
		For Aluminum, Painted Finish, Deduct	*-2,636.79*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	10,333.48	259.50
		For Bronze Instead Of Stainless Steel, Deduct	*-2,421.13*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*968.45*	
		For Tinted Glass, Add	*484.23*	
		For Aluminum, Painted Finish, Deduct	*-2,905.36*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	17,289.73	493.21
		For Bronze Instead Of Stainless Steel, Deduct	*-4,014.18*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,605.67*	
		For Tinted Glass, Add	*802.84*	
		For Aluminum, Painted Finish, Deduct	*-4,817.01*	
08 43		**Storefronts** *(08 40)*		
08 43 13		**Aluminum-Framed Storefronts** *(08 43)*		
08 43 13 00-0001		Aluminum Storefront Framing Assembly *(08 43 13)* Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.		
08 43 13 00-0002		1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.16	6.18
		For Various Color Class I Anodized Finish, Add	*0.47*	
		For Black Color Class I Anodized Finish, Add	*1.40*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.43	5.57
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.26*	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.19	5.12
		For Various Color Class I Anodized Finish, Add	*0.39*	
		For Black Color Class I Anodized Finish, Add	*1.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.27	4.80
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.08*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.55	4.55
		For Various Color Class I Anodized Finish, Add	*0.34*	
		For Black Color Class I Anodized Finish, Add	*1.02*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	11.97	4.35
		For Various Color Class I Anodized Finish, Add	*0.32*	
		For Black Color Class I Anodized Finish, Add	*0.97*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	11.49	4.18
		For Various Color Class I Anodized Finish, Add	*0.31*	
		For Black Color Class I Anodized Finish, Add	*0.93*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	11.10	4.04
		For Various Color Class I Anodized Finish, Add	*0.30*	
		For Black Color Class I Anodized Finish, Add	*0.90*	

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.39	8.08
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.83*	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.76	7.16
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.62*	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.98	6.48
		For Various Color Class I Anodized Finish, Add	*0.49*	
		For Black Color Class I Anodized Finish, Add	*1.46*	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.57	5.98
		For Various Color Class I Anodized Finish, Add	*0.45*	
		For Black Color Class I Anodized Finish, Add	*1.35*	
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.49	5.56
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.26*	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.58	5.31
		For Various Color Class I Anodized Finish, Add	*0.39*	
		For Black Color Class I Anodized Finish, Add	*1.18*	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.91	5.05
		For Various Color Class I Anodized Finish, Add	*0.38*	
		For Black Color Class I Anodized Finish, Add	*1.13*	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.31	4.80
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.08*	

08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0021	SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.63	9.94
		For Various Color Class I Anodized Finish, Add	*0.75*	
		For Black Color Class I Anodized Finish, Add	*2.26*	
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.19	8.68
		For Various Color Class I Anodized Finish, Add	*0.66*	
		For Black Color Class I Anodized Finish, Add	*1.97*	
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.70	7.83
		For Various Color Class I Anodized Finish, Add	*0.59*	
		For Black Color Class I Anodized Finish, Add	*1.77*	
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.83	7.16
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.61*	
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.33	6.65
		For Various Color Class I Anodized Finish, Add	*0.50*	
		For Black Color Class I Anodized Finish, Add	*1.50*	
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.20	6.23
		For Various Color Class I Anodized Finish, Add	*0.47*	
		For Black Color Class I Anodized Finish, Add	*1.40*	
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.27	5.90
		For Various Color Class I Anodized Finish, Add	*0.44*	
		For Black Color Class I Anodized Finish, Add	*1.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.48	5.64
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.25*	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.72	6.48
		For Various Color Class I Anodized Finish, Add	*0.48*	
		For Black Color Class I Anodized Finish, Add	*1.43*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.96	5.81
		For Various Color Class I Anodized Finish, Add	*0.43*	
		For Black Color Class I Anodized Finish, Add	*1.28*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.60	5.39
		For Various Color Class I Anodized Finish, Add	*0.39*	
		For Black Color Class I Anodized Finish, Add	*1.17*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.64	5.05
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.09*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.87	4.71
		For Various Color Class I Anodized Finish, Add	*0.34*	
		For Black Color Class I Anodized Finish, Add	*1.03*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.34	4.55
		For Various Color Class I Anodized Finish, Add	*0.33*	
		For Black Color Class I Anodized Finish, Add	*0.98*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	11.76	4.38
		For Various Color Class I Anodized Finish, Add	*0.31*	
		For Black Color Class I Anodized Finish, Add	*0.94*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	11.41	4.21
		For Various Color Class I Anodized Finish, Add	*0.30*	
		For Black Color Class I Anodized Finish, Add	*0.90*	

08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.66	8.76
		For Various Color Class I Anodized Finish, Add	*0.62*	
		For Black Color Class I Anodized Finish, Add	*1.86*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.82	7.75
		For Various Color Class I Anodized Finish, Add	*0.55*	
		For Black Color Class I Anodized Finish, Add	*1.64*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.83	6.99
		For Various Color Class I Anodized Finish, Add	*0.49*	
		For Black Color Class I Anodized Finish, Add	*1.48*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.31	6.48
		For Various Color Class I Anodized Finish, Add	*0.45*	
		For Black Color Class I Anodized Finish, Add	*1.36*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.22	6.06
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.27*	
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.21	5.73
		For Various Color Class I Anodized Finish, Add	*0.40*	
		For Black Color Class I Anodized Finish, Add	*1.19*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.44	5.39
		For Various Color Class I Anodized Finish, Add	*0.38*	
		For Black Color Class I Anodized Finish, Add	*1.13*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.83	5.13
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.08*	

08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.48	10.44
		For Various Color Class I Anodized Finish, Add	*0.76*	
		For Black Color Class I Anodized Finish, Add	*2.29*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.91	9.09
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.30	8.16
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.79*	
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.42	7.49
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.63*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.89	6.91
		For Various Color Class I Anodized Finish, Add	*0.50*	
		For Black Color Class I Anodized Finish, Add	*1.50*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.68	6.48
		For Various Color Class I Anodized Finish, Add	*0.47*	
		For Black Color Class I Anodized Finish, Add	*1.41*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.71	6.15
		For Various Color Class I Anodized Finish, Add	*0.44*	
		For Black Color Class I Anodized Finish, Add	*1.33*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.84	5.90
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.26*	

08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.25	6.65
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.02*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.11	5.98
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.82*	
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.63	5.48
		For Various Color Class I Anodized Finish, Add	*0.56*	
		For Black Color Class I Anodized Finish, Add	*1.67*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.52	5.13
		For Various Color Class I Anodized Finish, Add	*0.52*	
		For Black Color Class I Anodized Finish, Add	*1.56*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.63	4.88
		For Various Color Class I Anodized Finish, Add	*0.49*	
		For Black Color Class I Anodized Finish, Add	*1.48*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.92	4.63
		For Various Color Class I Anodized Finish, Add	*0.47*	
		For Black Color Class I Anodized Finish, Add	*1.41*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.37	4.46
		For Various Color Class I Anodized Finish, Add	*0.45*	
		For Black Color Class I Anodized Finish, Add	*1.36*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.84	4.30
		For Various Color Class I Anodized Finish, Add	*0.44*	
		For Black Color Class I Anodized Finish, Add	*1.31*	

08 43 13 00-0065 2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.19	8.93
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.63*	
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.89	7.91
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.33*	
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.58	7.16
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.11*	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.83	6.56
		For Various Color Class I Anodized Finish, Add	*0.65*	
		For Black Color Class I Anodized Finish, Add	*1.95*	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.45	6.15
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.82*	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.38	5.81
		For Various Color Class I Anodized Finish, Add	*0.57*	
		For Black Color Class I Anodized Finish, Add	*1.72*	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.50	5.56
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.69	5.31
		For Various Color Class I Anodized Finish, Add	*0.52*	
		For Black Color Class I Anodized Finish, Add	*1.56*	

08 43 13 00-0074 2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.76	10.44
		For Various Color Class I Anodized Finish, Add	*1.08*	
		For Black Color Class I Anodized Finish, Add	*3.24*	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.74	9.26
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.84*	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.69	8.34
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.55*	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.48	7.58
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.33*	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.68	7.08
		For Various Color Class I Anodized Finish, Add	*0.72*	
		For Black Color Class I Anodized Finish, Add	*2.16*	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.26	6.65
		For Various Color Class I Anodized Finish, Add	*0.67*	
		For Black Color Class I Anodized Finish, Add	*2.02*	
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.05	6.23
		For Various Color Class I Anodized Finish, Add	*0.64*	
		For Black Color Class I Anodized Finish, Add	*1.91*	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.12	5.98
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.82*	

08 43 13 00-0083 Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	22.00	5.61
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	24.93	6.16
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	36.26	6.77

08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

08 43 19 00-0001 Stainless Steel Storefront Framing Assembly *(08 43 19)*

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.

08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	37.76	4.21
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*3.14*	

08 44 Curtain Wall And Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	27.94	2.53
		For Bronze Anodized Aluminum, Add	*1.97*	
		For Stainless Steel, Add	*8.64*	
		For Black Anodized Finish, Add	*3.55*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	28.64	2.53
		For Bronze Anodized Aluminum, Add	*2.08*	
		For Stainless Steel, Add	*9.06*	
		For Black Anodized Finish, Add	*3.74*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	34.85	3.37
		For Bronze Anodized Aluminum, Add	*2.47*	
		For Stainless Steel, Add	*10.79*	
		For Black Anodized Finish, Add	*4.44*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	21.82	1.68
		For Bronze Anodized Aluminum, Add	*1.71*	
		For Stainless Steel, Add	*7.37*	
		For Black Anodized Finish, Add	*3.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	23.04	1.68
		For Bronze Anodized Aluminum, Add	*1.90*	
		For Stainless Steel, Add	*8.10*	
		For Black Anodized Finish, Add	*3.41*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	24.27	1.68
		For Bronze Anodized Aluminum, Add	*2.08*	
		For Stainless Steel, Add	*8.84*	
		For Black Anodized Finish, Add	*3.74*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	52.47	4.21
		For Bronze Anodized Aluminum, Add	*4.31*	
		For Stainless Steel, Add	*18.44*	
		For Black Anodized Finish, Add	*7.76*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	61.84	4.21
		For Bronze Anodized Aluminum, Add	*5.51*	
		For Stainless Steel, Add	*23.28*	
		For Black Anodized Finish, Add	*9.91*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	65.10	4.21
		For Bronze Anodized Aluminum, Add	*5.99*	
		For Stainless Steel, Add	*25.23*	
		For Black Anodized Finish, Add	*10.79*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	19.55	1.68
		For Bronze Anodized Aluminum, Add	*1.87*	
		For Stainless Steel, Add	*7.84*	
		For Black Anodized Finish, Add	*3.37*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	17.70	1.68
		For Bronze Anodized Aluminum, Add	*1.59*	
		For Stainless Steel, Add	*6.73*	
		For Black Anodized Finish, Add	*2.87*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	33.02	1.68
		For Bronze Anodized Aluminum, Add	*3.89*	
		For Stainless Steel, Add	*15.92*	
		For Black Anodized Finish, Add	*7.00*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	27.80	1.68
		For Bronze Anodized Aluminum, Add	*3.11*	
		For Stainless Steel, Add	*12.79*	
		For Black Anodized Finish, Add	*5.59*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	22.59	1.68
		For Bronze Anodized Aluminum, Add	*2.05*	
		For Stainless Steel, Add	*8.65*	
		For Black Anodized Finish, Add	*3.69*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	20.84	1.68
		For Bronze Anodized Aluminum, Add	*1.79*	
		For Stainless Steel, Add	*7.60*	
		For Black Anodized Finish, Add	*3.22*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	38.26	1.68
		For Bronze Anodized Aluminum, Add	*4.40*	
		For Stainless Steel, Add	*18.06*	
		For Black Anodized Finish, Add	*7.92*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	32.24	1.68
		For Bronze Anodized Aluminum, Add	*3.50*	
		For Stainless Steel, Add	*14.44*	
		For Black Anodized Finish, Add	*6.30*	

08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*

Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.

08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	19.05	1.68
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.76*	
		For Black Anodized Finish, Add	*3.34*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	18.92	1.68
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.75*	
		For Black Anodized Finish, Add	*3.34*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	18.93	1.68
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.76*	
		For Black Anodized Finish, Add	*3.34*	
		For Corner Mullion, Add	*4.08*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	24.90	3.37
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.38*	
		For Black Anodized Finish, Add	*3.99*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	24.90	3.37
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.38*	
		For Black Anodized Finish, Add	*3.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	24.90	3.37
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.38*	
		For Black Anodized Finish, Add	*3.99*	
		For Corner Mullion, Add	*5.21*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	27.43	3.70
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.29*	
		For Black Anodized Finish, Add	*4.38*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	27.43	3.70
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.29*	
		For Black Anodized Finish, Add	*4.38*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	27.43	3.70
		For Bronze Anodized Aluminum, Add	*2.43*	
		For Stainless Steel, Add	*10.29*	
		For Black Anodized Finish, Add	*4.38*	
		For Corner Mullion, Add	*5.74*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	30.10	4.21
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.20*	
		For Black Anodized Finish, Add	*4.76*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	30.10	4.21
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.20*	
		For Black Anodized Finish, Add	*4.76*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	30.10	4.21
		For Bronze Anodized Aluminum, Add	*2.64*	
		For Stainless Steel, Add	*11.20*	
		For Black Anodized Finish, Add	*4.76*	
		For Corner Mullion, Add	*6.28*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	33.51	4.55
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.62*	
		For Black Anodized Finish, Add	*5.37*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	33.51	4.55
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.62*	
		For Black Anodized Finish, Add	*5.37*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	33.51	4.55
		For Bronze Anodized Aluminum, Add	*2.98*	
		For Stainless Steel, Add	*12.62*	
		For Black Anodized Finish, Add	*5.37*	
		For Corner Mullion, Add	*7.02*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	38.45	5.05
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.48*	
		For Black Anodized Finish, Add	*6.16*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	38.45	5.05
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.48*	
		For Black Anodized Finish, Add	*6.16*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	38.45	5.05
		For Bronze Anodized Aluminum, Add	*3.42*	
		For Stainless Steel, Add	*14.48*	
		For Black Anodized Finish, Add	*6.16*	
		For Corner Mullion, Add	*8.05*	

08 44 26 Structural Glass Curtain Walls *(08 44)*

08 44 26 16 Metal Framed Point Supported Glass Curtain Walls *(08 44 26)*

08 44 26 16-0001 Centria Exterior Closure Components *(08 44 26 16)*

08 44 26 16-0002	SF	Centria CS-260, 210 Single Skin Metal Panel Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.	46.77
08 44 26 16-0003	SF	Centria Formawall Insulated Metal Panels Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.	67.15
08 44 26 16-0004	LF	Centria Formawall Insulated Metal Panels Radius Column Note: Includes radius coping.	110.62
08 44 26 16-0005	LF	Centria Formawall Insulated Metal Panels Coping	22.12
08 44 26 16-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass Note: 20 PSF wind load with 70% Mica Kynar two coat finish factory installed.	81.58
08 44 26 16-0007	SF	Centria Formawavue 3000 Insulated Vision Units Note: Vision insulated units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.	12.16
08 44 26 16-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units Note: Silkscreen units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.	23.53
08 44 26 16-0009	LF	Centria Integrated Louver System Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.	155.37
08 44 26 16-0010	LF	Centria Integrated Sunshade System Note: Factory installed 70% Mica Kynar two coat finish.	742.72

08 44 26 16-0011 Kalwall Exterior Closure Components *(08 44 26 16)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 26 16-0012		SF	Kalwall Translucent Panel System Standard	94.48	
			Note: 25 PSF wind load. Factory installed 70% Mica Kynar two coat finish.		
08 44 26 16-0013		SF	Kalwall Translucent Panel System High Impact	97.84	
08 44 26 16-0014		EA	Wind Clips	196.09	
			Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up.		
08 44 26 16-0015		EA	Sill Angle With Welded Support Angles For The Kalwall System	228.77	
			Note: Includes all welding, fasteners, prep, and clean up.		
08 44 26 16-0016		EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5")	10.46	
08 44 26 16-0017		EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5")	45.75	

08 45 Translucent Wall And Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002		SF	<5,000 SF Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	39.12	4.57
			For Aluminum Frame, Add	*3.23*	
08 45 23 00-0003		SF	>5,000 SF Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed	35.55	3.89
			For Aluminum Frame, Add	*2.97*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

Note: All units are of standard brushed finish. See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

08 51 13 00-0004		EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	341.87	88.19
			For Installation In Concrete Or Masonry, Add	*34.27*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*3.90*	
			For 70% Fluoropolymer Finish (Duranar), Add	*11.69*	
			For Clear Anodized Finish, Add	*9.74*	
			For Color Anodized Finish, Add	*13.64*	
08 51 13 00-0005		EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	381.13	93.70
			For Installation In Concrete Or Masonry, Add	*36.86*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*4.50*	
			For 70% Fluoropolymer Finish (Duranar), Add	*13.50*	
			For Clear Anodized Finish, Add	*11.25*	
			For Color Anodized Finish, Add	*15.75*	
08 51 13 00-0006		EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	415.18	99.21
			For Installation In Concrete Or Masonry, Add	*39.32*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*5.00*	
			For 70% Fluoropolymer Finish (Duranar), Add	*14.99*	
			For Clear Anodized Finish, Add	*12.49*	
			For Color Anodized Finish, Add	*17.49*	
08 51 13 00-0007		EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	443.98	104.73
			For Installation In Concrete Or Masonry, Add	*41.65*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*5.39*	
			For 70% Fluoropolymer Finish (Duranar), Add	*16.17*	
			For Clear Anodized Finish, Add	*13.47*	
			For Color Anodized Finish, Add	*18.86*	
08 51 13 00-0008		EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	504.18	110.25
			For Installation In Concrete Or Masonry, Add	*44.76*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*6.41*	
			For 70% Fluoropolymer Finish (Duranar), Add	*19.23*	
			For Clear Anodized Finish, Add	*16.02*	
			For Color Anodized Finish, Add	*22.43*	
08 51 13 00-0009		SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	16.20	3.31
			For Installation In Concrete Or Masonry, Add	*1.37*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.21*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.64*	
			For Clear Anodized Finish, Add	*0.53*	
			For Color Anodized Finish, Add	*0.75*	

08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

08 51 13 00-0011		EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	480.50	88.19
			For Installation In Concrete Or Masonry, Add	*37.74*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*6.67*	
			For 70% Fluoropolymer Finish (Duranar), Add	*20.01*	
			For Clear Anodized Finish, Add	*16.68*	
			For Color Anodized Finish, Add	*23.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	531.54	93.70
		For Installation In Concrete Or Masonry, Add	*40.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.52*	
		For Clear Anodized Finish, Add	*18.77*	
		For Color Anodized Finish, Add	*26.28*	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	574.74	99.21
		For Installation In Concrete Or Masonry, Add	*43.31*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.19*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.56*	
		For Clear Anodized Finish, Add	*20.47*	
		For Color Anodized Finish, Add	*28.66*	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	616.62	104.73
		For Installation In Concrete Or Masonry, Add	*45.96*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.52*	
		For Clear Anodized Finish, Add	*22.10*	
		For Color Anodized Finish, Add	*30.94*	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	723.90	110.25
		For Installation In Concrete Or Masonry, Add	*50.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.41*	
		For Clear Anodized Finish, Add	*27.01*	
		For Color Anodized Finish, Add	*37.81*	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	23.52	3.31
		For Installation In Concrete Or Masonry, Add	*1.55*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.08*	
		For Clear Anodized Finish, Add	*0.90*	
		For Color Anodized Finish, Add	*1.26*	

08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	504.05	88.19
		For Installation In Concrete Or Masonry, Add	*38.32*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.42*	
		For Clear Anodized Finish, Add	*17.85*	
		For Color Anodized Finish, Add	*24.99*	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	564.23	93.70
		For Installation In Concrete Or Masonry, Add	*41.44*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.48*	
		For Clear Anodized Finish, Add	*20.40*	
		For Color Anodized Finish, Add	*28.56*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	613.98	99.21
		For Installation In Concrete Or Masonry, Add	*44.29*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.92*	
		For Clear Anodized Finish, Add	*22.43*	
		For Color Anodized Finish, Add	*31.40*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	662.40	104.73
		For Installation In Concrete Or Masonry, Add	*47.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.27*	
		For Clear Anodized Finish, Add	*24.39*	
		For Color Anodized Finish, Add	*34.15*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	780.14	110.25
		For Installation In Concrete Or Masonry, Add	*51.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.78*	
		For Clear Anodized Finish, Add	*29.82*	
		For Color Anodized Finish, Add	*41.75*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	25.39	3.31
		For Installation In Concrete Or Masonry, Add	*1.60*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.19*	
		For Clear Anodized Finish, Add	*0.99*	
		For Color Anodized Finish, Add	*1.39*	

08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	548.52	88.19
		For Installation In Concrete Or Masonry, Add	*39.44*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.09*	
		For Clear Anodized Finish, Add	*20.08*	
		For Color Anodized Finish, Add	*28.11*	
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	625.71	93.70
		For Installation In Concrete Or Masonry, Add	*42.97*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.17*	
		For Clear Anodized Finish, Add	*23.48*	
		For Color Anodized Finish, Add	*32.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	676.76	99.21
		For Installation In Concrete Or Masonry, Add	*45.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.68*	
		For Clear Anodized Finish, Add	*25.57*	
		For Color Anodized Finish, Add	*35.80*	
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	725.18	104.73
		For Installation In Concrete Or Masonry, Add	*48.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.04*	
		For Clear Anodized Finish, Add	*27.53*	
		For Color Anodized Finish, Add	*38.54*	
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	833.77	110.25
		For Installation In Concrete Or Masonry, Add	*53.00*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.00*	
		For Clear Anodized Finish, Add	*32.50*	
		For Color Anodized Finish, Add	*45.50*	
08 51 13 00-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	27.18	3.31
		For Installation In Concrete Or Masonry, Add	*1.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.30*	
		For Clear Anodized Finish, Add	*1.08*	
		For Color Anodized Finish, Add	*1.52*	

08 51 13 00-0031 Double Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0031)*

08 51 13 00-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	377.18	88.19
		For Installation In Concrete Or Masonry, Add	*35.15*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.81*	
		For Clear Anodized Finish, Add	*11.51*	
		For Color Anodized Finish, Add	*16.11*	
08 51 13 00-0034	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	415.13	93.70
		For Installation In Concrete Or Masonry, Add	*37.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.54*	
		For Clear Anodized Finish, Add	*12.95*	
		For Color Anodized Finish, Add	*18.13*	
08 51 13 00-0035	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	447.88	99.21
		For Installation In Concrete Or Masonry, Add	*40.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.95*	
		For Clear Anodized Finish, Add	*14.13*	
		For Color Anodized Finish, Add	*19.78*	
08 51 13 00-0036	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	481.91	104.73
		For Installation In Concrete Or Masonry, Add	*42.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.44*	
		For Clear Anodized Finish, Add	*15.37*	
		For Color Anodized Finish, Add	*21.52*	
08 51 13 00-0037	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	555.18	110.25
		For Installation In Concrete Or Masonry, Add	*46.03*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.29*	
		For Clear Anodized Finish, Add	*18.57*	
		For Color Anodized Finish, Add	*26.00*	
08 51 13 00-0038	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	17.90	3.31
		For Installation In Concrete Or Masonry, Add	*1.41*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.74*	
		For Clear Anodized Finish, Add	*0.62*	
		For Color Anodized Finish, Add	*0.87*	

08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0031)*

08 51 13 00-0040	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	451.73	88.19
		For Installation In Concrete Or Masonry, Add	*37.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.28*	
		For Clear Anodized Finish, Add	*15.24*	
		For Color Anodized Finish, Add	*21.33*	
08 51 13 00-0041	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	518.46	93.70
		For Installation In Concrete Or Masonry, Add	*40.29*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.74*	
		For Clear Anodized Finish, Add	*18.11*	
		For Color Anodized Finish, Add	*25.36*	
08 51 13 00-0042	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	573.43	99.21
		For Installation In Concrete Or Masonry, Add	*43.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.48*	
		For Clear Anodized Finish, Add	*20.40*	
		For Color Anodized Finish, Add	*28.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0043	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	634.93	104.73
		For Installation In Concrete Or Masonry, Add	*46.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.62*	
		For Clear Anodized Finish, Add	*23.02*	
		For Color Anodized Finish, Add	*32.23*	
08 51 13 00-0044	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	744.83	110.25
		For Installation In Concrete Or Masonry, Add	*50.78*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.67*	
		For Clear Anodized Finish, Add	*28.05*	
		For Color Anodized Finish, Add	*39.28*	
08 51 13 00-0045	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	24.21	3.31
		For Installation In Concrete Or Masonry, Add	*1.57*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.37*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.12*	
		For Clear Anodized Finish, Add	*0.94*	
		For Color Anodized Finish, Add	*1.31*	

08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0031)*

08 51 13 00-0047	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	555.05	88.19
		For Installation In Concrete Or Masonry, Add	*39.60*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.48*	
		For Clear Anodized Finish, Add	*20.40*	
		For Color Anodized Finish, Add	*28.56*	
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	632.25	93.70
		For Installation In Concrete Or Masonry, Add	*43.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.52*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.56*	
		For Clear Anodized Finish, Add	*23.80*	
		For Color Anodized Finish, Add	*33.33*	
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	697.69	99.21
		For Installation In Concrete Or Masonry, Add	*46.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.94*	
		For Clear Anodized Finish, Add	*26.62*	
		For Color Anodized Finish, Add	*37.26*	
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	761.80	104.73
		For Installation In Concrete Or Masonry, Add	*49.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.24*	
		For Clear Anodized Finish, Add	*29.36*	
		For Color Anodized Finish, Add	*41.11*	
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	910.93	110.25
		For Installation In Concrete Or Masonry, Add	*54.93*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.63*	
		For Clear Anodized Finish, Add	*36.36*	
		For Color Anodized Finish, Add	*50.90*	
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	29.75	3.31
		For Installation In Concrete Or Masonry, Add	*1.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.45*	
		For Clear Anodized Finish, Add	*1.21*	
		For Color Anodized Finish, Add	*1.70*	

08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0031)*

08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	840.20	93.70
		For Installation In Concrete Or Masonry, Add	*48.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.04*	
		For Clear Anodized Finish, Add	*34.20*	
		For Color Anodized Finish, Add	*47.88*	
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	918.72	99.21
		For Installation In Concrete Or Masonry, Add	*51.91*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.20*	
		For Clear Anodized Finish, Add	*37.67*	
		For Color Anodized Finish, Add	*52.73*	
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,010.30	104.73
		For Installation In Concrete Or Masonry, Add	*55.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.15*	
		For Clear Anodized Finish, Add	*41.79*	
		For Color Anodized Finish, Add	*58.50*	
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,162.05	110.25
		For Installation In Concrete Or Masonry, Add	*61.21*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.70*	
		For Clear Anodized Finish, Add	*48.92*	
		For Color Anodized Finish, Add	*68.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	38.08	3.31
		For Installation In Concrete Or Masonry, Add	*1.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.95*	
		For Clear Anodized Finish, Add	*1.63*	
		For Color Anodized Finish, Add	*2.28*	
08 51 13 00-0059		5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0031)*		
08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,135.79	93.70
		For Installation In Concrete Or Masonry, Add	*55.72*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*19.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*58.78*	
		For Clear Anodized Finish, Add	*48.98*	
		For Color Anodized Finish, Add	*68.57*	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,223.46	99.21
		For Installation In Concrete Or Masonry, Add	*59.53*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*21.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*63.49*	
		For Clear Anodized Finish, Add	*52.90*	
		For Color Anodized Finish, Add	*74.07*	
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,322.89	104.73
		For Installation In Concrete Or Masonry, Add	*63.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*68.90*	
		For Clear Anodized Finish, Add	*57.42*	
		For Color Anodized Finish, Add	*80.38*	
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,492.95	110.25
		For Installation In Concrete Or Masonry, Add	*69.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*26.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*78.55*	
		For Clear Anodized Finish, Add	*65.46*	
		For Color Anodized Finish, Add	*91.64*	
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	49.19	3.31
		For Installation In Concrete Or Masonry, Add	*2.19*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.62*	
		For Clear Anodized Finish, Add	*2.18*	
		For Color Anodized Finish, Add	*3.06*	
08 51 13 00-0065		Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0066		One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*		
08 51 13 00-0067		2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0066)*		
08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	348.41	88.19
		For Installation In Concrete Or Masonry, Add	*34.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.09*	
		For Clear Anodized Finish, Add	*10.07*	
		For Color Anodized Finish, Add	*14.10*	
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	388.98	93.70
		For Installation In Concrete Or Masonry, Add	*37.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.97*	
		For Clear Anodized Finish, Add	*11.64*	
		For Color Anodized Finish, Add	*16.30*	
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	420.41	99.21
		For Installation In Concrete Or Masonry, Add	*39.45*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.30*	
		For Clear Anodized Finish, Add	*12.75*	
		For Color Anodized Finish, Add	*17.85*	
08 51 13 00-0071	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	453.13	104.73
		For Installation In Concrete Or Masonry, Add	*41.87*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.71*	
		For Clear Anodized Finish, Add	*13.93*	
		For Color Anodized Finish, Add	*19.50*	
08 51 13 00-0072	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	515.95	110.25
		For Installation In Concrete Or Masonry, Add	*45.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.93*	
		For Clear Anodized Finish, Add	*16.61*	
		For Color Anodized Finish, Add	*23.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0073	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	16.59	3.31
		For Installation In Concrete Or Masonry, Add	*1.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.66*	
		For Clear Anodized Finish, Add	*0.55*	
		For Color Anodized Finish, Add	*0.78*	

08 51 13 00-0074 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0066)*

08 51 13 00-0075	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	514.51	88.19
		For Installation In Concrete Or Masonry, Add	*38.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.05*	
		For Clear Anodized Finish, Add	*18.38*	
		For Color Anodized Finish, Add	*25.73*	
08 51 13 00-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	576.01	93.70
		For Installation In Concrete Or Masonry, Add	*41.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.19*	
		For Clear Anodized Finish, Add	*20.99*	
		For Color Anodized Finish, Add	*29.39*	
08 51 13 00-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	625.75	99.21
		For Installation In Concrete Or Masonry, Add	*44.58*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.62*	
		For Clear Anodized Finish, Add	*23.02*	
		For Color Anodized Finish, Add	*32.23*	
08 51 13 00-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	674.17	104.73
		For Installation In Concrete Or Masonry, Add	*47.40*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.99*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.98*	
		For Clear Anodized Finish, Add	*24.98*	
		For Color Anodized Finish, Add	*34.97*	
08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	774.91	110.25
		For Installation In Concrete Or Masonry, Add	*51.53*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.47*	
		For Clear Anodized Finish, Add	*29.56*	
		For Color Anodized Finish, Add	*41.38*	
08 51 13 00-0080	SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	25.22	3.31
		For Installation In Concrete Or Masonry, Add	*1.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.18*	
		For Clear Anodized Finish, Add	*0.99*	
		For Color Anodized Finish, Add	*1.38*	

08 51 13 00-0081 Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0082 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0081)*

08 51 13 00-0083	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	382.41	88.19
		For Installation In Concrete Or Masonry, Add	*35.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.13*	
		For Clear Anodized Finish, Add	*11.77*	
		For Color Anodized Finish, Add	*16.48*	
08 51 13 00-0084	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	433.44	93.70
		For Installation In Concrete Or Masonry, Add	*38.17*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.64*	
		For Clear Anodized Finish, Add	*13.86*	
		For Color Anodized Finish, Add	*19.41*	
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	468.80	99.21
		For Installation In Concrete Or Masonry, Add	*40.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.21*	
		For Clear Anodized Finish, Add	*15.17*	
		For Color Anodized Finish, Add	*21.24*	
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	498.91	104.73
		For Installation In Concrete Or Masonry, Add	*43.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.46*	
		For Clear Anodized Finish, Add	*16.22*	
		For Color Anodized Finish, Add	*22.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	569.57	110.25
		For Installation In Concrete Or Masonry, Add	*46.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.15*	
		For Clear Anodized Finish, Add	*19.29*	
		For Color Anodized Finish, Add	*27.01*	
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	18.37	3.31
		For Installation In Concrete Or Masonry, Add	*1.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.77*	
		For Clear Anodized Finish, Add	*0.64*	
		For Color Anodized Finish, Add	*0.90*	

08 51 13 00-0089 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0090 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0089)*

08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	878.11	88.19
		For Installation In Concrete Or Masonry, Add	*47.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.87*	
		For Clear Anodized Finish, Add	*36.56*	
		For Color Anodized Finish, Add	*51.18*	
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,010.93	101.97
		For Installation In Concrete Or Masonry, Add	*55.01*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.82*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.46*	
		For Clear Anodized Finish, Add	*42.05*	
		For Color Anodized Finish, Add	*58.87*	
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,090.76	107.49
		For Installation In Concrete Or Masonry, Add	*58.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*18.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*54.70*	
		For Clear Anodized Finish, Add	*45.58*	
		For Color Anodized Finish, Add	*63.81*	
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,312.52	121.27
		For Installation In Concrete Or Masonry, Add	*68.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*66.62*	
		For Clear Anodized Finish, Add	*55.52*	
		For Color Anodized Finish, Add	*77.73*	
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,514.03	137.81
		For Installation In Concrete Or Masonry, Add	*78.04*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*25.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*77.06*	
		For Clear Anodized Finish, Add	*64.22*	
		For Color Anodized Finish, Add	*89.91*	
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	26.91	3.31
		For Installation In Concrete Or Masonry, Add	*1.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.28*	
		For Clear Anodized Finish, Add	*1.07*	
		For Color Anodized Finish, Add	*1.50*	

08 51 13 00-0097 Fixed Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0098 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0097)*

08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	286.94	88.19
		For Installation In Concrete Or Masonry, Add	*32.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.80*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.40*	
		For Clear Anodized Finish, Add	*7.00*	
		For Color Anodized Finish, Add	*9.80*	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	322.27	93.70
		For Installation In Concrete Or Masonry, Add	*35.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.97*	
		For Clear Anodized Finish, Add	*8.31*	
		For Color Anodized Finish, Add	*11.63*	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	340.63	99.21
		For Installation In Concrete Or Masonry, Add	*37.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.52*	
		For Clear Anodized Finish, Add	*8.76*	
		For Color Anodized Finish, Add	*12.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	358.96	104.73
		For Installation In Concrete Or Masonry, Add	*39.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.06*	
		For Clear Anodized Finish, Add	*9.22*	
		For Color Anodized Finish, Add	*12.91*	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	453.17	110.25
		For Installation In Concrete Or Masonry, Add	*43.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.17*	
		For Clear Anodized Finish, Add	*13.47*	
		For Color Anodized Finish, Add	*18.86*	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	14.50	3.31
		For Installation In Concrete Or Masonry, Add	*1.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.54*	
		For Clear Anodized Finish, Add	*0.45*	
		For Color Anodized Finish, Add	*0.63*	
08 51 13 00-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0097)*		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	344.48	88.19
		For Installation In Concrete Or Masonry, Add	*34.34*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.85*	
		For Clear Anodized Finish, Add	*9.87*	
		For Color Anodized Finish, Add	*13.82*	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	388.98	93.70
		For Installation In Concrete Or Masonry, Add	*37.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.97*	
		For Clear Anodized Finish, Add	*11.64*	
		For Color Anodized Finish, Add	*16.30*	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	417.79	99.21
		For Installation In Concrete Or Masonry, Add	*39.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.15*	
		For Clear Anodized Finish, Add	*12.62*	
		For Color Anodized Finish, Add	*17.67*	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	447.90	104.73
		For Installation In Concrete Or Masonry, Add	*41.74*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.40*	
		For Clear Anodized Finish, Add	*13.67*	
		For Color Anodized Finish, Add	*19.13*	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	569.57	110.25
		For Installation In Concrete Or Masonry, Add	*46.39*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.15*	
		For Clear Anodized Finish, Add	*19.29*	
		For Color Anodized Finish, Add	*27.01*	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	18.37	3.31
		For Installation In Concrete Or Masonry, Add	*1.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.77*	
		For Clear Anodized Finish, Add	*0.64*	
		For Color Anodized Finish, Add	*0.90*	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900) *(08 51 13 00-0097)*		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	305.25	88.19
		For Installation In Concrete Or Masonry, Add	*33.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.50*	
		For Clear Anodized Finish, Add	*7.91*	
		For Color Anodized Finish, Add	*11.08*	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	349.74	93.70
		For Installation In Concrete Or Masonry, Add	*36.07*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.61*	
		For Clear Anodized Finish, Add	*9.68*	
		For Color Anodized Finish, Add	*13.55*	
08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	375.94	99.21
		For Installation In Concrete Or Masonry, Add	*38.34*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.63*	
		For Clear Anodized Finish, Add	*10.53*	
		For Color Anodized Finish, Add	*14.74*	
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	403.43	104.73
		For Installation In Concrete Or Masonry, Add	*40.63*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.73*	
		For Clear Anodized Finish, Add	*11.44*	
		For Color Anodized Finish, Add	*16.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	518.56	110.25
		For Installation In Concrete Or Masonry, Add	*45.12*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.09*	
		For Clear Anodized Finish, Add	*16.74*	
		For Color Anodized Finish, Add	*23.44*	
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	16.67	3.31
		For Installation In Concrete Or Masonry, Add	*1.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.67*	
		For Clear Anodized Finish, Add	*0.56*	
		For Color Anodized Finish, Add	*0.78*	

08 51 13 00-0119 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0097)*

08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	303.94	88.19
		For Installation In Concrete Or Masonry, Add	*33.32*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.42*	
		For Clear Anodized Finish, Add	*7.85*	
		For Color Anodized Finish, Add	*10.99*	
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	344.51	93.70
		For Installation In Concrete Or Masonry, Add	*35.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.30*	
		For Clear Anodized Finish, Add	*9.42*	
		For Color Anodized Finish, Add	*13.18*	
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	370.71	99.21
		For Installation In Concrete Or Masonry, Add	*38.21*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.32*	
		For Clear Anodized Finish, Add	*10.27*	
		For Color Anodized Finish, Add	*14.37*	
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	398.20	104.73
		For Installation In Concrete Or Masonry, Add	*40.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.42*	
		For Clear Anodized Finish, Add	*11.18*	
		For Color Anodized Finish, Add	*15.66*	
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	513.33	110.25
		For Installation In Concrete Or Masonry, Add	*44.99*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.78*	
		For Clear Anodized Finish, Add	*16.48*	
		For Color Anodized Finish, Add	*23.07*	
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	16.50	3.31
		For Installation In Concrete Or Masonry, Add	*1.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.66*	
		For Clear Anodized Finish, Add	*0.55*	
		For Color Anodized Finish, Add	*0.77*	

08 51 13 00-0126 Projected Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0127 Single Vent, Projected Aluminum Windows *(08 51 13 00-0126)*

08 51 13 00-0128 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0127)*

08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	385.29	88.19
		For Installation In Concrete Or Masonry, Add	*35.36*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.30*	
		For Clear Anodized Finish, Add	*11.92*	
		For Color Anodized Finish, Add	*16.68*	
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	416.31	93.70
		For Installation In Concrete Or Masonry, Add	*37.74*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.61*	
		For Clear Anodized Finish, Add	*13.01*	
		For Color Anodized Finish, Add	*18.21*	
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	451.80	99.21
		For Installation In Concrete Or Masonry, Add	*40.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.73*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.19*	
		For Clear Anodized Finish, Add	*14.32*	
		For Color Anodized Finish, Add	*20.05*	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	24.61	3.31
		For Installation In Concrete Or Masonry, Add	*1.58*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.15*	
		For Clear Anodized Finish, Add	*0.96*	
		For Color Anodized Finish, Add	*1.34*	

08 51 13 00-0133 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0127)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	500.92	88.19
		For Installation In Concrete Or Masonry, Add	*38.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.24*	
		For Clear Anodized Finish, Add	*17.70*	
		For Color Anodized Finish, Add	*24.78*	
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	551.04	93.70
		For Installation In Concrete Or Masonry, Add	*41.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.69*	
		For Clear Anodized Finish, Add	*19.74*	
		For Color Anodized Finish, Add	*27.64*	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	608.75	99.21
		For Installation In Concrete Or Masonry, Add	*44.16*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.60*	
		For Clear Anodized Finish, Add	*22.17*	
		For Color Anodized Finish, Add	*31.04*	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	35.07	3.31
		For Installation In Concrete Or Masonry, Add	*1.84*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.77*	
		For Clear Anodized Finish, Add	*1.48*	
		For Color Anodized Finish, Add	*2.07*	

08 51 13 00-0138 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0127)*

08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	544.29	88.19
		For Installation In Concrete Or Masonry, Add	*39.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.84*	
		For Clear Anodized Finish, Add	*19.87*	
		For Color Anodized Finish, Add	*27.81*	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	601.55	93.70
		For Installation In Concrete Or Masonry, Add	*42.37*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.72*	
		For Clear Anodized Finish, Add	*22.27*	
		For Color Anodized Finish, Add	*31.18*	
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	667.60	99.21
		For Installation In Concrete Or Masonry, Add	*45.63*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.13*	
		For Clear Anodized Finish, Add	*25.11*	
		For Color Anodized Finish, Add	*35.16*	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	38.99	3.31
		For Installation In Concrete Or Masonry, Add	*1.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.67*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.01*	
		For Clear Anodized Finish, Add	*1.67*	
		For Color Anodized Finish, Add	*2.34*	

08 51 13 00-0143 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0127)*

08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	574.16	88.19
		For Installation In Concrete Or Masonry, Add	*40.08*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.63*	
		For Clear Anodized Finish, Add	*21.36*	
		For Color Anodized Finish, Add	*29.90*	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	636.35	93.70
		For Installation In Concrete Or Masonry, Add	*43.24*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.81*	
		For Clear Anodized Finish, Add	*24.01*	
		For Color Anodized Finish, Add	*33.61*	
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	708.15	99.21
		For Installation In Concrete Or Masonry, Add	*46.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.86*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.57*	
		For Clear Anodized Finish, Add	*27.14*	
		For Color Anodized Finish, Add	*37.99*	
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	41.70	3.31
		For Installation In Concrete Or Masonry, Add	*2.01*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.17*	
		For Clear Anodized Finish, Add	*1.81*	
		For Color Anodized Finish, Add	*2.53*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0148			4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0127)*		
08 51 13 00-0149		EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	570.30	88.19
			For Installation In Concrete Or Masonry, Add	*39.98*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*8.47*	
			For 70% Fluoropolymer Finish (Duranar), Add	*25.40*	
			For Clear Anodized Finish, Add	*21.17*	
			For Color Anodized Finish, Add	*29.63*	
08 51 13 00-0150		EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	631.87	93.70
			For Installation In Concrete Or Masonry, Add	*43.13*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*9.51*	
			For 70% Fluoropolymer Finish (Duranar), Add	*28.54*	
			For Clear Anodized Finish, Add	*23.79*	
			For Color Anodized Finish, Add	*33.30*	
08 51 13 00-0151		EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	702.92	99.21
			For Installation In Concrete Or Masonry, Add	*46.51*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*10.75*	
			For 70% Fluoropolymer Finish (Duranar), Add	*32.25*	
			For Clear Anodized Finish, Add	*26.88*	
			For Color Anodized Finish, Add	*37.63*	
08 51 13 00-0152		SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	41.35	3.31
			For Installation In Concrete Or Masonry, Add	*2.00*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.72*	
			For 70% Fluoropolymer Finish (Duranar), Add	*2.15*	
			For Clear Anodized Finish, Add	*1.79*	
			For Color Anodized Finish, Add	*2.51*	
08 51 13 00-0153			Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0126)*		
08 51 13 00-0154			2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0153)*		
08 51 13 00-0155		EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	511.53	88.19
			For Installation In Concrete Or Masonry, Add	*38.51*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*7.29*	
			For 70% Fluoropolymer Finish (Duranar), Add	*21.87*	
			For Clear Anodized Finish, Add	*18.23*	
			For Color Anodized Finish, Add	*25.52*	
08 51 13 00-0156		EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	563.38	93.70
			For Installation In Concrete Or Masonry, Add	*41.41*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*8.14*	
			For 70% Fluoropolymer Finish (Duranar), Add	*24.43*	
			For Clear Anodized Finish, Add	*20.36*	
			For Color Anodized Finish, Add	*28.50*	
08 51 13 00-0157		EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	623.13	99.21
			For Installation In Concrete Or Masonry, Add	*44.52*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*9.16*	
			For 70% Fluoropolymer Finish (Duranar), Add	*27.47*	
			For Clear Anodized Finish, Add	*22.89*	
			For Color Anodized Finish, Add	*32.04*	
08 51 13 00-0158		SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	35.98	3.31
			For Installation In Concrete Or Masonry, Add	*1.86*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.61*	
			For 70% Fluoropolymer Finish (Duranar), Add	*1.83*	
			For Clear Anodized Finish, Add	*1.52*	
			For Color Anodized Finish, Add	*2.13*	
08 51 13 00-0159			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0153)*		
08 51 13 00-0160		EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	694.62	88.19
			For Installation In Concrete Or Masonry, Add	*43.09*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*10.95*	
			For 70% Fluoropolymer Finish (Duranar), Add	*32.86*	
			For Clear Anodized Finish, Add	*27.38*	
			For Color Anodized Finish, Add	*38.33*	
08 51 13 00-0161		EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	776.69	93.70
			For Installation In Concrete Or Masonry, Add	*46.75*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*12.41*	
			For 70% Fluoropolymer Finish (Duranar), Add	*37.23*	
			For Clear Anodized Finish, Add	*31.03*	
			For Color Anodized Finish, Add	*43.44*	
08 51 13 00-0162		EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	871.64	99.21
			For Installation In Concrete Or Masonry, Add	*50.73*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*14.13*	
			For 70% Fluoropolymer Finish (Duranar), Add	*42.38*	
			For Clear Anodized Finish, Add	*35.31*	
			For Color Anodized Finish, Add	*49.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	52.59	3.31
		For Installation In Concrete Or Masonry, Add	*2.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.82*	
		For Clear Anodized Finish, Add	*2.35*	
		For Color Anodized Finish, Add	*3.30*	

08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0153)*

08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	733.16	88.19
		For Installation In Concrete Or Masonry, Add	*44.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.17*	
		For Clear Anodized Finish, Add	*29.31*	
		For Color Anodized Finish, Add	*41.03*	
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	821.59	93.70
		For Installation In Concrete Or Masonry, Add	*47.87*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.93*	
		For Clear Anodized Finish, Add	*33.27*	
		For Color Anodized Finish, Add	*46.58*	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	923.95	99.21
		For Installation In Concrete Or Masonry, Add	*52.04*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.51*	
		For Clear Anodized Finish, Add	*37.93*	
		For Color Anodized Finish, Add	*53.10*	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	55.99	3.31
		For Installation In Concrete Or Masonry, Add	*2.36*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.03*	
		For Clear Anodized Finish, Add	*2.52*	
		For Color Anodized Finish, Add	*3.53*	

08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0153)*

08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	729.32	88.19
		For Installation In Concrete Or Masonry, Add	*43.96*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.94*	
		For Clear Anodized Finish, Add	*29.12*	
		For Color Anodized Finish, Add	*40.76*	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	817.10	93.70
		For Installation In Concrete Or Masonry, Add	*47.76*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.66*	
		For Clear Anodized Finish, Add	*33.05*	
		For Color Anodized Finish, Add	*46.27*	
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	918.72	99.21
		For Installation In Concrete Or Masonry, Add	*51.91*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.20*	
		For Clear Anodized Finish, Add	*37.67*	
		For Color Anodized Finish, Add	*52.73*	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	55.73	3.31
		For Installation In Concrete Or Masonry, Add	*2.36*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.01*	
		For Clear Anodized Finish, Add	*2.51*	
		For Color Anodized Finish, Add	*3.52*	

08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0153)*

08 51 13 00-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	789.06	88.19
		For Installation In Concrete Or Masonry, Add	*45.45*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.52*	
		For Clear Anodized Finish, Add	*32.10*	
		For Color Anodized Finish, Add	*44.94*	
08 51 13 00-0176	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	886.71	93.70
		For Installation In Concrete Or Masonry, Add	*49.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.83*	
		For Clear Anodized Finish, Add	*36.53*	
		For Color Anodized Finish, Add	*51.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0177	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	999.81	99.21
		For Installation In Concrete Or Masonry, Add	*53.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*50.07*	
		For Clear Anodized Finish, Add	*41.72*	
		For Color Anodized Finish, Add	*58.41*	
08 51 13 00-0178	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	61.10	3.31
		For Installation In Concrete Or Masonry, Add	*2.49*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.34*	
		For Clear Anodized Finish, Add	*2.78*	
		For Color Anodized Finish, Add	*3.89*	

08 51 13 00-0179 Casement Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0180 Single Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0181 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0180)*

08 51 13 00-0182	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	432.50	88.19
		For Installation In Concrete Or Masonry, Add	*36.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.13*	
		For Clear Anodized Finish, Add	*14.28*	
		For Color Anodized Finish, Add	*19.99*	
08 51 13 00-0183	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	471.32	93.70
		For Installation In Concrete Or Masonry, Add	*39.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.30*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.91*	
		For Clear Anodized Finish, Add	*15.76*	
		For Color Anodized Finish, Add	*22.06*	
08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	515.89	99.21
		For Installation In Concrete Or Masonry, Add	*41.84*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.03*	
		For Clear Anodized Finish, Add	*17.53*	
		For Color Anodized Finish, Add	*24.54*	
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	28.88	3.31
		For Installation In Concrete Or Masonry, Add	*1.69*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.40*	
		For Clear Anodized Finish, Add	*1.17*	
		For Color Anodized Finish, Add	*1.64*	

08 51 13 00-0186 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0180)*

08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	607.89	88.19
		For Installation In Concrete Or Masonry, Add	*40.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.65*	
		For Clear Anodized Finish, Add	*23.05*	
		For Color Anodized Finish, Add	*32.26*	
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	675.64	93.70
		For Installation In Concrete Or Masonry, Add	*44.22*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.17*	
		For Clear Anodized Finish, Add	*25.97*	
		For Color Anodized Finish, Add	*36.36*	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	753.93	99.21
		For Installation In Concrete Or Masonry, Add	*47.79*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.31*	
		For Clear Anodized Finish, Add	*29.43*	
		For Color Anodized Finish, Add	*41.20*	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	44.75	3.31
		For Installation In Concrete Or Masonry, Add	*2.08*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.35*	
		For Clear Anodized Finish, Add	*1.96*	
		For Color Anodized Finish, Add	*2.75*	

08 51 13 00-0191 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0180)*

08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	610.78	88.19
		For Installation In Concrete Or Masonry, Add	*40.99*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.83*	
		For Clear Anodized Finish, Add	*23.19*	
		For Color Anodized Finish, Add	*32.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	679.02	93.70
		For Installation In Concrete Or Masonry, Add	*44.31*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.37*	
		For Clear Anodized Finish, Add	*26.14*	
		For Color Anodized Finish, Add	*36.60*	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	757.85	99.21
		For Installation In Concrete Or Masonry, Add	*47.89*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.55*	
		For Clear Anodized Finish, Add	*29.62*	
		For Color Anodized Finish, Add	*41.47*	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	45.01	3.31
		For Installation In Concrete Or Masonry, Add	*2.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.37*	
		For Clear Anodized Finish, Add	*1.98*	
		For Color Anodized Finish, Add	*2.77*	

08 51 13 00-0196 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0180)*

08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	640.66	88.19
		For Installation In Concrete Or Masonry, Add	*41.74*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.87*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.62*	
		For Clear Anodized Finish, Add	*24.68*	
		For Color Anodized Finish, Add	*34.56*	
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	713.82	93.70
		For Installation In Concrete Or Masonry, Add	*45.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.15*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.46*	
		For Clear Anodized Finish, Add	*27.88*	
		For Color Anodized Finish, Add	*39.04*	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	798.39	99.21
		For Installation In Concrete Or Masonry, Add	*48.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.98*	
		For Clear Anodized Finish, Add	*31.65*	
		For Color Anodized Finish, Add	*44.31*	
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	47.72	3.31
		For Installation In Concrete Or Masonry, Add	*2.16*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.53*	
		For Clear Anodized Finish, Add	*2.11*	
		For Color Anodized Finish, Add	*2.95*	

08 51 13 00-0201 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*

08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	485.51	88.19
		For Installation In Concrete Or Masonry, Add	*37.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.31*	
		For Clear Anodized Finish, Add	*16.93*	
		For Color Anodized Finish, Add	*23.70*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	533.07	93.70
		For Installation In Concrete Or Masonry, Add	*40.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.61*	
		For Clear Anodized Finish, Add	*18.85*	
		For Color Anodized Finish, Add	*26.38*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	587.82	99.21
		For Installation In Concrete Or Masonry, Add	*43.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.35*	
		For Clear Anodized Finish, Add	*21.12*	
		For Color Anodized Finish, Add	*29.57*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	33.67	3.31
		For Installation In Concrete Or Masonry, Add	*1.81*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.69*	
		For Clear Anodized Finish, Add	*1.41*	
		For Color Anodized Finish, Add	*1.97*	

08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	660.89	88.19
		For Installation In Concrete Or Masonry, Add	*42.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.83*	
		For Clear Anodized Finish, Add	*25.70*	
		For Color Anodized Finish, Add	*35.97*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	737.39	93.70
		For Installation In Concrete Or Masonry, Add	*45.76*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.87*	
		For Clear Anodized Finish, Add	*29.06*	
		For Color Anodized Finish, Add	*40.69*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	825.86	99.21
		For Installation In Concrete Or Masonry, Add	*49.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.21*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.63*	
		For Clear Anodized Finish, Add	*33.02*	
		For Color Anodized Finish, Add	*46.23*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	49.55	3.31
		For Installation In Concrete Or Masonry, Add	*2.20*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.64*	
		For Clear Anodized Finish, Add	*2.20*	
		For Color Anodized Finish, Add	*3.08*	

08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*

08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	725.46	88.19
		For Installation In Concrete Or Masonry, Add	*43.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.57*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.71*	
		For Clear Anodized Finish, Add	*28.92*	
		For Color Anodized Finish, Add	*40.49*	
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	812.62	93.70
		For Installation In Concrete Or Masonry, Add	*47.65*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.13*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.39*	
		For Clear Anodized Finish, Add	*32.82*	
		For Color Anodized Finish, Add	*45.95*	
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	913.49	99.21
		For Installation In Concrete Or Masonry, Add	*51.78*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.89*	
		For Clear Anodized Finish, Add	*37.41*	
		For Color Anodized Finish, Add	*52.37*	
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	55.38	3.31
		For Installation In Concrete Or Masonry, Add	*2.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.99*	
		For Clear Anodized Finish, Add	*2.49*	
		For Color Anodized Finish, Add	*3.49*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	784.24	88.19
		For Installation In Concrete Or Masonry, Add	*45.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*38.24*	
		For Clear Anodized Finish, Add	*31.86*	
		For Color Anodized Finish, Add	*44.61*	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	881.10	93.70
		For Installation In Concrete Or Masonry, Add	*49.36*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.50*	
		For Clear Anodized Finish, Add	*36.25*	
		For Color Anodized Finish, Add	*50.75*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	993.27	99.21
		For Installation In Concrete Or Masonry, Add	*53.77*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.56*	
		For 70% Fluoropolymer Finish (Duranar), Add	*49.67*	
		For Clear Anodized Finish, Add	*41.40*	
		For Color Anodized Finish, Add	*57.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	60.70	3.31
		For Installation In Concrete Or Masonry, Add	*2.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.10*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.31*	
		For Clear Anodized Finish, Add	*2.76*	
		For Color Anodized Finish, Add	*3.86*	

08 51 13 00-0222 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0223 Aluminum Window Mullions *(08 51 13 00-0222)*

08 51 13 00-0224	LF	Integral Mullions For Aluminum Windows	15.97	4.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.50*	
		For Clear Anodized Finish, Add	*0.42*	
		For Color Anodized Finish, Add	*0.58*	

08 51 13 00-0225 Aluminum Window Insect Screens *(08 51 13 00-0222)*

Note: Includes aluminum frames.

08 51 13 00-0226	SF	<10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	5.10	1.38
08 51 13 00-0227	SF	>10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	3.53	1.11
08 51 13 00-0228	SF	Repair Screen Window	4.40	

08 51 13 00-0229 Aluminum Window Panning *(08 51 13 00-0222)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

08 51 13 00-0230	EA	Up To 6 SF Window, Aluminum Window Panning	154.84	33.69
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*5.92*	
		For Clear Anodized Finish, Add	*4.93*	
		For Color Anodized Finish, Add	*6.91*	
08 51 13 00-0231	EA	>6 To 10 SF Window, Aluminum Window Panning	220.80	56.15
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*7.63*	
		For Clear Anodized Finish, Add	*6.36*	
		For Color Anodized Finish, Add	*8.91*	
08 51 13 00-0232	EA	>10 To 15 SF Window, Aluminum Window Panning	279.49	84.22
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.35*	
		For Clear Anodized Finish, Add	*6.96*	
		For Color Anodized Finish, Add	*9.74*	
08 51 13 00-0233	EA	>15 To 20 SF Window, Aluminum Window Panning	340.54	112.30
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.07*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.20*	
		For Clear Anodized Finish, Add	*7.67*	
		For Color Anodized Finish, Add	*10.74*	
08 51 13 00-0234	EA	>20 To 30 SF Window, Aluminum Window Panning	461.47	168.45
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.84*	
		For Clear Anodized Finish, Add	*9.04*	
		For Color Anodized Finish, Add	*12.65*	
08 51 13 00-0235	SF	>30 SF Window, Aluminum Window Panning	17.35	7.02
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.34*	
		For Clear Anodized Finish, Add	*0.28*	
		For Color Anodized Finish, Add	*0.40*	

08 51 13 00-0236 Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0222)*

08 51 13 00-0237	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	6.05	4.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.03*	
		For Clear Anodized Finish, Add	*0.03*	
		For Color Anodized Finish, Add	*0.04*	
08 51 13 00-0238	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	7.59	4.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.12*	
		For Clear Anodized Finish, Add	*0.10*	
		For Color Anodized Finish, Add	*0.15*	
08 51 13 00-0239	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	16.75	4.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.18*	
		For Clear Anodized Finish, Add	*0.15*	
		For Color Anodized Finish, Add	*0.21*	
08 51 13 00-0240	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	19.78	4.13
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.25*	
		For Clear Anodized Finish, Add	*0.21*	
		For Color Anodized Finish, Add	*0.29*	

08 51 13 00-0241 Other Aluminum Window Accessories *(08 51 13 00-0222)*

08 51 13 00-0242	EA	Roto Operator For Casement Aluminum Windows	112.30	18.37
08 51 13 00-0243	EA	Head And Sill Automatic Locks For Hung Aluminum Windows	59.99	18.37

08 51 19 Stainless-Steel Windows *(08 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		See CSI section 08 80 00 00-0000 for glazing.		
08 51 19 00-0001		Stainless Steel Windows Types *(08 51 19)*		
08 51 19 00-0002	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	66.62	5.51
		For Heavy Commercial Grade (HC-40), Add	*27.23*	
		For Non Stock Custom Sizes, Add	*5.74*	
		For Installation In Concrete Or Masonry, Add	*3.27*	
08 51 19 00-0003	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	59.19	5.51
		For Heavy Commercial Grade (HC-40), Add	*23.88*	
		For Non Stock Custom Sizes, Add	*5.00*	
		For Installation In Concrete Or Masonry, Add	*3.09*	
08 51 19 00-0004	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	43.04	5.51
		For Heavy Commercial Grade (HC-40), Add	*16.61*	
		For Non Stock Custom Sizes, Add	*3.39*	
		For Installation In Concrete Or Masonry, Add	*2.68*	
08 51 19 00-0005	SF	Stainless Steel Window, Fixed Sash	47.72	5.51
		For Heavy Commercial Grade (HC-40), Add	*18.72*	
		For Non Stock Custom Sizes, Add	*3.85*	
		For Installation In Concrete Or Masonry, Add	*2.80*	
08 51 19 00-0006	SF	Stainless Steel Window With Horizontal Pivot Sash	81.10	5.51
		For Heavy Commercial Grade (HC-40), Add	*33.74*	
		For Non Stock Custom Sizes, Add	*7.19*	
		For Installation In Concrete Or Masonry, Add	*3.63*	
08 51 19 00-0007	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	84.88	5.51
		For Heavy Commercial Grade (HC-40), Add	*35.44*	
		For Non Stock Custom Sizes, Add	*7.57*	
		For Installation In Concrete Or Masonry, Add	*3.73*	
08 51 19 00-0008	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	93.86	5.51
		For Heavy Commercial Grade (HC-40), Add	*39.48*	
		For Non Stock Custom Sizes, Add	*8.47*	
		For Installation In Concrete Or Masonry, Add	*3.95*	
08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	102.81	5.51
		For Heavy Commercial Grade (HC-40), Add	*43.51*	
		For Non Stock Custom Sizes, Add	*9.36*	
		For Installation In Concrete Or Masonry, Add	*4.18*	
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	72.32	5.51
		For Heavy Commercial Grade (HC-40), Add	*29.79*	
		For Non Stock Custom Sizes, Add	*6.31*	
		For Installation In Concrete Or Masonry, Add	*3.41*	
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	60.20	5.51
		For Heavy Commercial Grade (HC-40), Add	*24.34*	
		For Non Stock Custom Sizes, Add	*5.10*	
		For Installation In Concrete Or Masonry, Add	*3.11*	
08 51 19 00-0012	SF	Sliding Stainless Steel Window	106.10	5.51
		For Heavy Commercial Grade (HC-40), Add	*44.99*	
		For Non Stock Custom Sizes, Add	*9.69*	
		For Installation In Concrete Or Masonry, Add	*4.26*	
08 51 23		**Steel Windows** *(08 51)*		
		Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001		Steel Windows *(08 51 23)*		
08 51 23 00-0002		Industrial *(08 51 23 00-0001)*		
08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	53.14	5.51
		For Heavy Commercial Grade (HC-40), Add	*21.16*	
		For Non Stock Custom Sizes, Add	*4.40*	
		For Double Glazing Sash, Add	*26.93*	
		For Bonderized Finish, Add	*16.70*	
		For Installation In Concrete Or Masonry, Add	*2.94*	
08 51 23 00-0004	SF	Industrial Steel Window, Fixed Sash	47.50	5.51
		For Heavy Commercial Grade (HC-40), Add	*18.62*	
		For Non Stock Custom Sizes, Add	*3.83*	
		For Double Glazing Sash, Add	*23.54*	
		For Bonderized Finish, Add	*14.56*	
		For Installation In Concrete Or Masonry, Add	*2.79*	
08 51 23 00-0005	SF	Industrial Steel Window, Operable Security Sash	76.24	5.51
		For Heavy Commercial Grade (HC-40), Add	*31.55*	
		For Non Stock Custom Sizes, Add	*6.71*	
		For Double Glazing Sash, Add	*40.79*	
		For Bonderized Finish, Add	*25.48*	
		For Installation In Concrete Or Masonry, Add	*3.51*	
08 51 23 00-0006	SF	Industrial Steel Window, Fixed Security Sash	64.97	5.51
		For Heavy Commercial Grade (HC-40), Add	*26.48*	
		For Non Stock Custom Sizes, Add	*5.58*	
		For Double Glazing Sash, Add	*34.02*	
		For Bonderized Finish, Add	*21.20*	
		For Installation In Concrete Or Masonry, Add	*3.23*	
08 51 23 00-0007		Projected Sash *(08 51 23 00-0001)*		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	61.53	5.51
		For Heavy Commercial Grade (HC-40), Add	*24.93*	
		For Non Stock Custom Sizes, Add	*5.24*	
		For Double Glazing Sash, Add	*31.96*	
		For Bonderized Finish, Add	*19.89*	
		For Installation In Concrete Or Masonry, Add	*3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	67.72	5.51
		For Heavy Commercial Grade (HC-40), Add	*27.72*	
		For Non Stock Custom Sizes, Add	*5.85*	
		For Double Glazing Sash, Add	*35.67*	
		For Bonderized Finish, Add	*22.25*	
		For Installation In Concrete Or Masonry, Add	*3.30*	
08 51 23 00-0010		Other Type Sash *(08 51 23 00-0001)*		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	78.67	5.51
		For Heavy Commercial Grade (HC-40), Add	*32.65*	
		For Non Stock Custom Sizes, Add	*6.95*	
		For Double Glazing Sash, Add	*42.24*	
		For Bonderized Finish, Add	*26.41*	
		For Installation In Concrete Or Masonry, Add	*3.57*	
08 51 23 00-0012	SF	Steel Picture Window Sash	34.55	5.51
		For Heavy Commercial Grade (HC-40), Add	*12.79*	
		For Non Stock Custom Sizes, Add	*2.54*	
		For Double Glazing Sash, Add	*15.77*	
		For Bonderized Finish, Add	*9.64*	
		For Installation In Concrete Or Masonry, Add	*2.47*	
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	81.11	6.89
		For Heavy Commercial Grade (HC-40), Add	*33.75*	
		For Non Stock Custom Sizes, Add	*7.19*	
		For Double Glazing Sash, Add	*43.71*	
		For Bonderized Finish, Add	*27.33*	
		For Installation In Concrete Or Masonry, Add	*3.63*	
08 51 23 00-0014	SF	Single Hung Steel Window Sash	56.05	5.51
		For Heavy Commercial Grade (HC-40), Add	*22.47*	
		For Non Stock Custom Sizes, Add	*4.69*	
		For Double Glazing Sash, Add	*28.67*	
		For Bonderized Finish, Add	*17.81*	
		For Installation In Concrete Or Masonry, Add	*3.01*	
08 51 23 00-0015		Casements *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	70.66	2.76
		For Double Glazing Sash, Add	*37.44*	
		For Bonderized Finish, Add	*23.36*	
		For Heavy Commercial Grade (HC-40), Add	*29.04*	
		For Non Stock Custom Sizes, Add	*6.15*	
		For Installation In Concrete Or Masonry, Add	*3.37*	
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	61.29	2.76
		For Double Glazing Sash, Add	*31.82*	
		For Bonderized Finish, Add	*19.80*	
		For Heavy Commercial Grade (HC-40), Add	*24.83*	
		For Non Stock Custom Sizes, Add	*5.21*	
		For Installation In Concrete Or Masonry, Add	*3.14*	
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	43.62	4.13
		For Double Glazing Sash, Add	*21.21*	
		For Bonderized Finish, Add	*13.09*	
		For Heavy Commercial Grade (HC-40), Add	*16.88*	
		For Non Stock Custom Sizes, Add	*3.44*	
		For Installation In Concrete Or Masonry, Add	*2.70*	
08 51 23 00-0019		Mullions *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	26.21	4.13
08 51 23 00-0021	LF	Covered Steel Mullions	43.92	4.13
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame *(08 51 23)* Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	14.32	

08 52 Wood Windows *(08 50)*

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001		Double Hung Wood Clad Windows *(08 52 16)*		
08 52 16 00-0002		Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	244.47	42.26
		For Low-E Insulated Glass, Add	*19.19*	
		For Tempered Clear Insulated Glass, Add	*31.99*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	258.52	44.10
		For Low-E Insulated Glass, Add	*20.44*	
		For Tempered Clear Insulated Glass, Add	*34.07*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	271.71	45.94
		For Low-E Insulated Glass, Add	*21.58*	
		For Tempered Clear Insulated Glass, Add	*35.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	284.89	47.78
		For Low-E Insulated Glass, Add	*22.72*	
		For Tempered Clear Insulated Glass, Add	*37.87*	

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	264.68	45.02
		For Low-E Insulated Glass, Add	*20.96*	
		For Tempered Clear Insulated Glass, Add	*34.93*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	278.72	46.85
		For Low-E Insulated Glass, Add	*22.20*	
		For Tempered Clear Insulated Glass, Add	*37.00*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	291.92	48.69
		For Low-E Insulated Glass, Add	*23.34*	
		For Tempered Clear Insulated Glass, Add	*38.91*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	305.11	50.53
		For Low-E Insulated Glass, Add	*24.49*	
		For Tempered Clear Insulated Glass, Add	*40.81*	

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	284.89	47.78
		For Low-E Insulated Glass, Add	*22.72*	
		For Tempered Clear Insulated Glass, Add	*37.87*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	298.07	49.61
		For Low-E Insulated Glass, Add	*23.86*	
		For Tempered Clear Insulated Glass, Add	*39.77*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	312.13	51.45
		For Low-E Insulated Glass, Add	*25.11*	
		For Tempered Clear Insulated Glass, Add	*41.85*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	325.31	53.29
		For Low-E Insulated Glass, Add	*26.25*	
		For Tempered Clear Insulated Glass, Add	*43.75*	

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	305.11	50.53
		For Low-E Insulated Glass, Add	*24.49*	
		For Tempered Clear Insulated Glass, Add	*40.81*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	318.29	52.36
		For Low-E Insulated Glass, Add	*25.63*	
		For Tempered Clear Insulated Glass, Add	*42.71*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	331.48	54.20
		For Low-E Insulated Glass, Add	*26.77*	
		For Tempered Clear Insulated Glass, Add	*44.61*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	345.52	56.04
		For Low-E Insulated Glass, Add	*28.01*	
		For Tempered Clear Insulated Glass, Add	*46.69*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	301.59	50.53
		For Low-E Insulated Glass, Add	*24.17*	
		For Tempered Clear Insulated Glass, Add	*40.29*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	314.77	51.91
		For Low-E Insulated Glass, Add	*25.32*	
		For Tempered Clear Insulated Glass, Add	*42.19*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	328.83	54.20
		For Low-E Insulated Glass, Add	*26.56*	
		For Tempered Clear Insulated Glass, Add	*44.27*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	342.01	56.04
		For Low-E Insulated Glass, Add	*27.70*	
		For Tempered Clear Insulated Glass, Add	*46.17*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	355.20	57.88
		For Low-E Insulated Glass, Add	*28.84*	
		For Tempered Clear Insulated Glass, Add	*48.07*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	368.39	59.72
		For Low-E Insulated Glass, Add	*29.98*	
		For Tempered Clear Insulated Glass, Add	*49.97*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	312.13	51.45
		For Low-E Insulated Glass, Add	*25.11*	
		For Tempered Clear Insulated Glass, Add	*41.85*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	325.31	53.29
		For Low-E Insulated Glass, Add	*26.25*	
		For Tempered Clear Insulated Glass, Add	*43.75*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	338.50	55.12
		For Low-E Insulated Glass, Add	*27.39*	
		For Tempered Clear Insulated Glass, Add	*45.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	351.68	56.96
		For Low-E Insulated Glass, Add	*28.53*	
		For Tempered Clear Insulated Glass, Add	*47.55*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	364.87	58.80
		For Low-E Insulated Glass, Add	*29.67*	
		For Tempered Clear Insulated Glass, Add	*49.46*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	378.92	60.63
		For Low-E Insulated Glass, Add	*30.92*	
		For Tempered Clear Insulated Glass, Add	*51.53*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	345.52	56.04
		For Low-E Insulated Glass, Add	*28.01*	
		For Tempered Clear Insulated Glass, Add	*46.69*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	358.71	57.88
		For Low-E Insulated Glass, Add	*29.15*	
		For Tempered Clear Insulated Glass, Add	*48.59*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	371.89	59.72
		For Low-E Insulated Glass, Add	*30.30*	
		For Tempered Clear Insulated Glass, Add	*50.49*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	385.07	61.56
		For Low-E Insulated Glass, Add	*31.44*	
		For Tempered Clear Insulated Glass, Add	*52.39*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	364.87	58.80
		For Low-E Insulated Glass, Add	*29.67*	
		For Tempered Clear Insulated Glass, Add	*49.46*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	378.92	60.63
		For Low-E Insulated Glass, Add	*30.92*	
		For Tempered Clear Insulated Glass, Add	*51.53*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	392.10	62.47
		For Low-E Insulated Glass, Add	*32.06*	
		For Tempered Clear Insulated Glass, Add	*53.43*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	405.29	64.31
		For Low-E Insulated Glass, Add	*33.20*	
		For Tempered Clear Insulated Glass, Add	*55.33*	

08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	295.43	42.26
		For Tempered Low-E Insulated Glass, Add	*42.37*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	312.94	43.64
		For Tempered Low-E Insulated Glass, Add	*45.13*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	331.31	45.47
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	340.93	46.85
		For Tempered Low-E Insulated Glass, Add	*49.63*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	349.69	47.78
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	358.43	48.69
		For Tempered Low-E Insulated Glass, Add	*52.39*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	368.06	49.15
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	50.99
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	52.83
		For Tempered Low-E Insulated Glass, Add	*59.66*	

08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	312.94	44.10
		For Tempered Low-E Insulated Glass, Add	*45.13*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	331.31	45.47
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	349.69	47.31
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	358.43	48.69
		For Tempered Low-E Insulated Glass, Add	*52.39*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	368.06	49.61
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	376.81	50.53
		For Tempered Low-E Insulated Glass, Add	*55.33*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	50.99
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	52.83
		For Tempered Low-E Insulated Glass, Add	*59.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	54.67
		For Tempered Low-E Insulated Glass, Add	*62.60*	

08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	331.31	45.94
		For Tempered Low-E Insulated Glass, Add	*48.07*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	349.69	47.31
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	368.06	49.15
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	376.81	50.53
		For Tempered Low-E Insulated Glass, Add	*55.33*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	51.45
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	395.18	52.36
		For Tempered Low-E Insulated Glass, Add	*58.27*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	52.83
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	54.67
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.50
		For Tempered Low-E Insulated Glass, Add	*65.54*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	349.69	47.78
		For Tempered Low-E Insulated Glass, Add	*51.01*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	368.06	49.15
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	50.99
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	395.18	52.36
		For Tempered Low-E Insulated Glass, Add	*58.27*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	53.29
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	412.69	54.20
		For Tempered Low-E Insulated Glass, Add	*61.04*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	54.67
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.50
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.34
		For Tempered Low-E Insulated Glass, Add	*68.30*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	368.06	49.61
		For Tempered Low-E Insulated Glass, Add	*53.95*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	50.99
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	52.83
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	412.69	54.20
		For Tempered Low-E Insulated Glass, Add	*61.04*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	55.12
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	431.06	56.04
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.50
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.34
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.18
		For Tempered Low-E Insulated Glass, Add	*71.24*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	385.56	51.45
		For Tempered Low-E Insulated Glass, Add	*56.72*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	52.83
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	54.67
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	431.06	56.04
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.96
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	449.44	57.88
		For Tempered Low-E Insulated Glass, Add	*66.92*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.34
		For Tempered Low-E Insulated Glass, Add	*68.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.18
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	403.94	53.29
		For Tempered Low-E Insulated Glass, Add	*59.66*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	54.67
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.50
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	449.44	57.88
		For Tempered Low-E Insulated Glass, Add	*66.92*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.80
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	467.82	59.72
		For Tempered Low-E Insulated Glass, Add	*69.86*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.18
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.45	63.85
		For Tempered Low-E Insulated Glass, Add	*76.95*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	422.31	55.12
		For Tempered Low-E Insulated Glass, Add	*62.60*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.50
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.34
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	467.82	59.72
		For Tempered Low-E Insulated Glass, Add	*69.86*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.63
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	485.32	61.56
		For Tempered Low-E Insulated Glass, Add	*72.63*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.45	63.85
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	530.82	65.69
		For Tempered Low-E Insulated Glass, Add	*79.89*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	440.68	56.96
		For Tempered Low-E Insulated Glass, Add	*65.54*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.34
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.18
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	485.32	61.56
		For Tempered Low-E Insulated Glass, Add	*72.63*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.47
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	503.69	63.39
		For Tempered Low-E Insulated Glass, Add	*75.57*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.45	63.85
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	530.82	65.69
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	549.19	67.52
		For Tempered Low-E Insulated Glass, Add	*82.83*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	458.20	58.80
		For Tempered Low-E Insulated Glass, Add	*68.30*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.18
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	503.69	63.39
		For Tempered Low-E Insulated Glass, Add	*75.57*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.45	64.31
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	522.07	65.23
		For Tempered Low-E Insulated Glass, Add	*78.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	530.82	65.69
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	549.19	67.52
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	567.56	69.36
		For Tempered Low-E Insulated Glass, Add	*85.77*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.57	60.63
		For Tempered Low-E Insulated Glass, Add	*71.24*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	494.94	62.01
		For Tempered Low-E Insulated Glass, Add	*74.18*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.45	63.85
		For Tempered Low-E Insulated Glass, Add	*76.95*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	522.07	65.23
		For Tempered Low-E Insulated Glass, Add	*78.51*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	530.82	66.14
		For Tempered Low-E Insulated Glass, Add	*79.89*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	540.44	67.07
		For Tempered Low-E Insulated Glass, Add	*81.45*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	549.19	67.52
		For Tempered Low-E Insulated Glass, Add	*82.83*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	567.56	69.36
		For Tempered Low-E Insulated Glass, Add	*85.77*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	585.08	71.20
		For Tempered Low-E Insulated Glass, Add	*88.54*	

08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.22	64.31
		For Tempered Low-E Insulated Glass, Add	*118.10*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	743.51	65.69
		For Tempered Low-E Insulated Glass, Add	*122.43*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	768.80	67.52
		For Tempered Low-E Insulated Glass, Add	*126.75*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	781.01	68.90
		For Tempered Low-E Insulated Glass, Add	*128.83*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	794.09	69.82
		For Tempered Low-E Insulated Glass, Add	*131.07*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	806.30	70.74
		For Tempered Low-E Insulated Glass, Add	*133.15*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	818.52	71.20
		For Tempered Low-E Insulated Glass, Add	*135.22*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	843.81	73.03
		For Tempered Low-E Insulated Glass, Add	*139.55*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.10	74.87
		For Tempered Low-E Insulated Glass, Add	*143.87*	

08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	743.51	66.14
		For Tempered Low-E Insulated Glass, Add	*122.43*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	768.80	67.52
		For Tempered Low-E Insulated Glass, Add	*126.75*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	794.09	69.36
		For Tempered Low-E Insulated Glass, Add	*131.07*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	806.30	70.74
		For Tempered Low-E Insulated Glass, Add	*133.15*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	818.52	71.66
		For Tempered Low-E Insulated Glass, Add	*135.22*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	831.60	72.58
		For Tempered Low-E Insulated Glass, Add	*137.47*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	843.81	73.03
		For Tempered Low-E Insulated Glass, Add	*139.55*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	869.10	74.87
		For Tempered Low-E Insulated Glass, Add	*143.87*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	894.38	76.71
		For Tempered Low-E Insulated Glass, Add	*148.19*	

08 52 16 00-0178 Casement Wood Clad Windows *(08 52 16)*

08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	199.95	34.91
		For Tempered Clear Insulated Glass, Add	*26.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	210.84	35.83
		For Tempered Clear Insulated Glass, Add	*27.84*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	223.33	37.67
		For Tempered Clear Insulated Glass, Add	*29.60*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	234.98	39.51
		For Tempered Clear Insulated Glass, Add	*31.19*	

08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	213.79	36.75
		For Tempered Clear Insulated Glass, Add	*28.24*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	224.69	37.67
		For Tempered Clear Insulated Glass, Add	*29.87*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	237.16	39.51
		For Tempered Clear Insulated Glass, Add	*31.63*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	244.32	41.34
		For Tempered Clear Insulated Glass, Add	*32.33*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	257.99	43.18
		For Tempered Clear Insulated Glass, Add	*34.51*	

08 52 16 00-0192 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	238.52	39.51
		For Tempered Clear Insulated Glass, Add	*31.90*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	250.08	41.34
		For Tempered Clear Insulated Glass, Add	*33.66*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	262.56	42.72
		For Tempered Clear Insulated Glass, Add	*35.42*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	281.15	44.56
		For Tempered Clear Insulated Glass, Add	*38.41*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	298.45	45.94
		For Tempered Clear Insulated Glass, Add	*41.32*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	314.86	46.85
		For Tempered Clear Insulated Glass, Add	*44.23*	

08 52 16 00-0199 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	255.30	42.26
		For Tempered Clear Insulated Glass, Add	*34.34*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	266.19	43.18
		For Tempered Clear Insulated Glass, Add	*35.97*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	278.67	45.02
		For Tempered Clear Insulated Glass, Add	*37.73*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	304.70	46.85
		For Tempered Clear Insulated Glass, Add	*42.20*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	322.76	48.69
		For Tempered Clear Insulated Glass, Add	*45.26*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	340.28	50.53
		For Tempered Clear Insulated Glass, Add	*48.03*	

08 52 16 00-0206 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	279.59	45.94
		For Tempered Clear Insulated Glass, Add	*37.73*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	291.15	46.85
		For Tempered Clear Insulated Glass, Add	*39.49*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	303.64	48.69
		For Tempered Clear Insulated Glass, Add	*41.25*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	338.82	50.53
		For Tempered Clear Insulated Glass, Add	*47.55*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	353.27	52.36
		For Tempered Clear Insulated Glass, Add	*49.89*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	374.73	54.20
		For Tempered Clear Insulated Glass, Add	*53.45*	

08 52 16 00-0213 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	295.47	47.78
		For Tempered Clear Insulated Glass, Add	*40.17*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	306.35	48.69
		For Tempered Clear Insulated Glass, Add	*41.79*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	318.84	50.53
		For Tempered Clear Insulated Glass, Add	*43.56*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	361.80	52.36
		For Tempered Clear Insulated Glass, Add	*51.41*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	382.68	54.20
		For Tempered Clear Insulated Glass, Add	*55.04*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	397.37	56.04
		For Tempered Clear Insulated Glass, Add	*57.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0220			**59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0221		EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	318.84	50.53
			For Tempered Clear Insulated Glass, Add	*43.56*	
08 52 16 00-0222		EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	330.40	52.36
			For Tempered Clear Insulated Glass, Add	*45.32*	
08 52 16 00-0223		EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	342.88	53.74
			For Tempered Clear Insulated Glass, Add	*47.08*	
08 52 16 00-0224		EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	395.34	55.58
			For Tempered Clear Insulated Glass, Add	*56.84*	
08 52 16 00-0225		EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	410.55	56.96
			For Tempered Clear Insulated Glass, Add	*59.33*	
08 52 16 00-0226		EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	430.90	58.80
			For Tempered Clear Insulated Glass, Add	*62.66*	
08 52 16 00-0227			**64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0228		EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	335.62	53.29
			For Tempered Clear Insulated Glass, Add	*45.99*	
08 52 16 00-0229		EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	346.51	54.20
			For Tempered Clear Insulated Glass, Add	*47.62*	
08 52 16 00-0230		EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	358.99	56.04
			For Tempered Clear Insulated Glass, Add	*49.38*	
08 52 16 00-0231		EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	418.91	57.88
			For Tempered Clear Insulated Glass, Add	*60.63*	
08 52 16 00-0232		EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	433.16	59.72
			For Tempered Clear Insulated Glass, Add	*62.93*	
08 52 16 00-0233		EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	454.47	61.56
			For Tempered Clear Insulated Glass, Add	*66.46*	
08 52 16 00-0234			**71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0180)*		
08 52 16 00-0235		EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	358.99	56.04
			For Tempered Clear Insulated Glass, Add	*49.38*	
08 52 16 00-0236		EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	370.56	57.88
			For Tempered Clear Insulated Glass, Add	*51.14*	
08 52 16 00-0237		EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	383.05	59.25
			For Tempered Clear Insulated Glass, Add	*52.91*	
08 52 16 00-0238		EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	452.44	61.09
			For Tempered Clear Insulated Glass, Add	*66.05*	
08 52 16 00-0239		EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	469.60	62.47
			For Tempered Clear Insulated Glass, Add	*68.93*	
08 52 16 00-0240		EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	488.00	64.31
			For Tempered Clear Insulated Glass, Add	*71.88*	
08 52 16 00-0241			**Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0179)*		
08 52 16 00-0242			**24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0243		EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	340.97	45.02
			For Tempered Clear Insulated Glass, Add	*50.19*	
08 52 16 00-0244		EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	385.01	48.69
			For Tempered Clear Insulated Glass, Add	*57.53*	
08 52 16 00-0245		EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	435.43	52.36
			For Tempered Clear Insulated Glass, Add	*66.14*	
08 52 16 00-0246			**28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0247		EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	366.14	46.85
			For Tempered Clear Insulated Glass, Add	*54.49*	
08 52 16 00-0248		EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	410.19	50.53
			For Tempered Clear Insulated Glass, Add	*61.83*	
08 52 16 00-0249		EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	460.61	54.20
			For Tempered Clear Insulated Glass, Add	*70.44*	
08 52 16 00-0250			**35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)** *(08 52 16 00-0241)*		
08 52 16 00-0251		EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	363.26	46.85
			For Tempered Clear Insulated Glass, Add	*53.91*	
08 52 16 00-0252		EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	407.64	50.53
			For Tempered Clear Insulated Glass, Add	*61.50*	
08 52 16 00-0253		EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	454.29	54.20
			For Tempered Clear Insulated Glass, Add	*69.36*	
08 52 16 00-0254		EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	507.71	57.42
			For Tempered Clear Insulated Glass, Add	*78.57*	
08 52 16 00-0255		EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	543.79	60.18
			For Tempered Clear Insulated Glass, Add	*84.69*	
08 52 16 00-0256		EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	603.47	64.31
			For Tempered Clear Insulated Glass, Add	*94.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0257		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	394.28	49.15
		For Tempered Clear Insulated Glass, Add	*59.20*	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	438.65	52.36
		For Tempered Clear Insulated Glass, Add	*66.78*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	485.30	56.04
		For Tempered Clear Insulated Glass, Add	*74.64*	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	538.72	59.72
		For Tempered Clear Insulated Glass, Add	*83.86*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	578.40	62.47
		For Tempered Clear Insulated Glass, Add	*90.69*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	738.15	66.61
		For Tempered Clear Insulated Glass, Add	*120.99*	
08 52 16 00-0264		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	440.25	52.83
		For Tempered Clear Insulated Glass, Add	*66.92*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	485.30	56.04
		For Tempered Clear Insulated Glass, Add	*74.64*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	531.95	59.72
		For Tempered Clear Insulated Glass, Add	*82.50*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	585.37	63.39
		For Tempered Clear Insulated Glass, Add	*91.72*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	623.50	66.14
		For Tempered Clear Insulated Glass, Add	*98.24*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	681.13	70.28
		For Tempered Clear Insulated Glass, Add	*108.11*	
08 52 16 00-0271		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	470.34	54.67
		For Tempered Clear Insulated Glass, Add	*72.20*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	514.73	57.88
		For Tempered Clear Insulated Glass, Add	*79.79*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	556.34	61.56
		For Tempered Clear Insulated Glass, Add	*86.65*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	614.80	65.23
		For Tempered Clear Insulated Glass, Add	*96.87*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	654.61	67.98
		For Tempered Clear Insulated Glass, Add	*103.73*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	711.24	72.12
		For Tempered Clear Insulated Glass, Add	*113.40*	
08 52 16 00-0278		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	515.40	57.88
		For Tempered Clear Insulated Glass, Add	*79.93*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	559.78	61.56
		For Tempered Clear Insulated Glass, Add	*87.52*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	606.42	65.23
		For Tempered Clear Insulated Glass, Add	*95.38*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	659.84	68.45
		For Tempered Clear Insulated Glass, Add	*104.59*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	699.66	71.20
		For Tempered Clear Insulated Glass, Add	*111.45*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	755.60	75.34
		For Tempered Clear Insulated Glass, Add	*120.99*	
08 52 16 00-0285		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	546.42	60.18
		For Tempered Clear Insulated Glass, Add	*85.21*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	590.79	63.39
		For Tempered Clear Insulated Glass, Add	*92.80*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	638.12	67.07
		For Tempered Clear Insulated Glass, Add	*100.80*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	691.54	70.74
		For Tempered Clear Insulated Glass, Add	*110.01*	
08 52 16 00-0290		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	591.47	63.39
		For Tempered Clear Insulated Glass, Add	*92.94*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	635.84	67.07
		For Tempered Clear Insulated Glass, Add	*100.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	682.49	70.74
		For Tempered Clear Insulated Glass, Add	*108.39*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	735.91	73.96
		For Tempered Clear Insulated Glass, Add	*117.60*	

08 52 16 00-0295 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0296 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	528.38	59.25
		For Tempered Clear Insulated Glass, Add	*81.97*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	610.86	65.23
		For Tempered Clear Insulated Glass, Add	*96.08*	

08 52 16 00-0299 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	558.89	61.09
		For Tempered Clear Insulated Glass, Add	*87.34*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	636.34	67.07
		For Tempered Clear Insulated Glass, Add	*100.44*	

08 52 16 00-0302 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	538.86	59.72
		For Tempered Clear Insulated Glass, Add	*83.89*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	604.83	64.31
		For Tempered Clear Insulated Glass, Add	*95.24*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	686.55	70.74
		For Tempered Clear Insulated Glass, Add	*109.20*	

08 52 16 00-0306 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	568.50	62.47
		For Tempered Clear Insulated Glass, Add	*88.89*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	636.52	66.61
		For Tempered Clear Insulated Glass, Add	*100.66*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	717.57	72.58
		For Tempered Clear Insulated Glass, Add	*114.48*	

08 52 16 00-0310 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	682.49	70.28
		For Tempered Clear Insulated Glass, Add	*108.39*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	763.54	76.25
		For Tempered Clear Insulated Glass, Add	*122.21*	

08 52 16 00-0313 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	712.59	72.12
		For Tempered Clear Insulated Glass, Add	*113.67*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	793.63	78.09
		For Tempered Clear Insulated Glass, Add	*127.49*	

08 52 16 00-0316 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	756.95	75.34
		For Tempered Clear Insulated Glass, Add	*121.26*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	838.69	81.76
		For Tempered Clear Insulated Glass, Add	*135.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0319		Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320		One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0321		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	231.46	34.91
		For Tempered Low-E Insulated Glass, Add	*32.51*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	244.38	35.83
		For Tempered Low-E Insulated Glass, Add	*34.54*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	259.07	37.67
		For Tempered Low-E Insulated Glass, Add	*36.75*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	272.72	39.51
		For Tempered Low-E Insulated Glass, Add	*38.74*	
08 52 16 00-0326		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	247.84	36.75
		For Tempered Low-E Insulated Glass, Add	*35.05*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	260.76	37.67
		For Tempered Low-E Insulated Glass, Add	*37.08*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	275.44	39.51
		For Tempered Low-E Insulated Glass, Add	*39.29*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	283.47	41.34
		For Tempered Low-E Insulated Glass, Add	*40.16*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	299.87	43.18
		For Tempered Low-E Insulated Glass, Add	*42.89*	
08 52 16 00-0332		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	277.14	39.51
		For Tempered Low-E Insulated Glass, Add	*39.63*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	290.90	41.34
		For Tempered Low-E Insulated Glass, Add	*41.83*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	305.59	42.72
		For Tempered Low-E Insulated Glass, Add	*44.03*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	327.90	44.56
		For Tempered Low-E Insulated Glass, Add	*47.76*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	348.83	45.94
		For Tempered Low-E Insulated Glass, Add	*51.39*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	368.90	46.85
		For Tempered Low-E Insulated Glass, Add	*55.04*	
08 52 16 00-0339		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	296.97	42.26
		For Tempered Low-E Insulated Glass, Add	*42.67*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	309.90	43.18
		For Tempered Low-E Insulated Glass, Add	*44.71*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	324.58	45.02
		For Tempered Low-E Insulated Glass, Add	*46.91*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	356.19	46.85
		For Tempered Low-E Insulated Glass, Add	*52.50*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	378.08	48.69
		For Tempered Low-E Insulated Glass, Add	*56.32*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	399.05	50.53
		For Tempered Low-E Insulated Glass, Add	*59.78*	
08 52 16 00-0346		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	325.50	45.94
		For Tempered Low-E Insulated Glass, Add	*46.91*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	339.26	46.85
		For Tempered Low-E Insulated Glass, Add	*49.11*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	353.95	48.69
		For Tempered Low-E Insulated Glass, Add	*51.31*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	397.00	50.53
		For Tempered Low-E Insulated Glass, Add	*59.19*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	414.38	52.36
		For Tempered Low-E Insulated Glass, Add	*62.11*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	440.28	54.20
		For Tempered Low-E Insulated Glass, Add	*66.56*	
08 52 16 00-0353		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	344.42	47.78
		For Tempered Low-E Insulated Glass, Add	*49.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	357.33	48.69
		For Tempered Low-E Insulated Glass, Add	*51.99*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	372.02	50.53
		For Tempered Low-E Insulated Glass, Add	*54.19*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	424.82	52.36
		For Tempered Low-E Insulated Glass, Add	*64.02*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	450.22	54.20
		For Tempered Low-E Insulated Glass, Add	*68.55*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	467.66	56.04
		For Tempered Low-E Insulated Glass, Add	*71.30*	

08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	372.02	50.53
		For Tempered Low-E Insulated Glass, Add	*54.19*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	385.78	52.36
		For Tempered Low-E Insulated Glass, Add	*56.39*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	400.47	53.74
		For Tempered Low-E Insulated Glass, Add	*58.60*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	465.12	55.58
		For Tempered Low-E Insulated Glass, Add	*70.79*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	483.45	56.96
		For Tempered Low-E Insulated Glass, Add	*73.91*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	507.97	58.80
		For Tempered Low-E Insulated Glass, Add	*78.08*	

08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	391.86	53.29
		For Tempered Low-E Insulated Glass, Add	*57.24*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	404.78	54.20
		For Tempered Low-E Insulated Glass, Add	*59.27*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	419.46	56.04
		For Tempered Low-E Insulated Glass, Add	*61.48*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	493.44	57.88
		For Tempered Low-E Insulated Glass, Add	*75.54*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	510.56	59.72
		For Tempered Low-E Insulated Glass, Add	*78.41*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	536.28	61.56
		For Tempered Low-E Insulated Glass, Add	*82.82*	

08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	419.46	56.04
		For Tempered Low-E Insulated Glass, Add	*61.48*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	433.23	57.88
		For Tempered Low-E Insulated Glass, Add	*63.68*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	447.92	59.25
		For Tempered Low-E Insulated Glass, Add	*65.88*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	533.74	61.09
		For Tempered Low-E Insulated Glass, Add	*82.31*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	554.50	62.47
		For Tempered Low-E Insulated Glass, Add	*85.91*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	576.59	64.31
		For Tempered Low-E Insulated Glass, Add	*89.59*	

08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	401.19	45.02
		For Tempered Low-E Insulated Glass, Add	*62.23*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	454.40	48.69
		For Tempered Low-E Insulated Glass, Add	*71.40*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	515.59	52.36
		For Tempered Low-E Insulated Glass, Add	*82.17*	

08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	431.73	46.85
		For Tempered Low-E Insulated Glass, Add	*67.61*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	484.96	50.53
		For Tempered Low-E Insulated Glass, Add	*76.78*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	546.14	54.20
		For Tempered Low-E Insulated Glass, Add	*87.55*	

08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	428.13	46.85
		For Tempered Low-E Insulated Glass, Add	*66.89*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	482.00	50.53
		For Tempered Low-E Insulated Glass, Add	*76.37*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	538.47	54.20
		For Tempered Low-E Insulated Glass, Add	*86.20*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	603.41	57.42
		For Tempered Low-E Insulated Glass, Add	*97.71*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	647.14	60.18
		For Tempered Low-E Insulated Glass, Add	*105.36*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	719.67	64.31
		For Tempered Low-E Insulated Glass, Add	*118.21*	

08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	465.76	49.15
		For Tempered Low-E Insulated Glass, Add	*73.49*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	519.62	52.36
		For Tempered Low-E Insulated Glass, Add	*82.98*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	576.09	56.04
		For Tempered Low-E Insulated Glass, Add	*92.80*	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	641.03	59.72
		For Tempered Low-E Insulated Glass, Add	*104.32*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	689.25	62.47
		For Tempered Low-E Insulated Glass, Add	*112.86*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	886.87	66.61
		For Tempered Low-E Insulated Glass, Add	*150.73*	

08 52 16 00-0404 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	521.39	52.83
		For Tempered Low-E Insulated Glass, Add	*83.15*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	576.09	56.04
		For Tempered Low-E Insulated Glass, Add	*92.80*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	632.56	59.72
		For Tempered Low-E Insulated Glass, Add	*102.63*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	697.50	63.39
		For Tempered Low-E Insulated Glass, Add	*114.14*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	743.78	66.14
		For Tempered Low-E Insulated Glass, Add	*122.30*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	813.76	70.28
		For Tempered Low-E Insulated Glass, Add	*134.64*	

08 52 16 00-0411 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	558.09	54.67
		For Tempered Low-E Insulated Glass, Add	*89.75*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	611.95	57.88
		For Tempered Low-E Insulated Glass, Add	*99.24*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	663.39	61.56
		For Tempered Low-E Insulated Glass, Add	*108.06*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	733.37	65.23
		For Tempered Low-E Insulated Glass, Add	*120.58*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	781.76	67.98
		For Tempered Low-E Insulated Glass, Add	*129.16*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	850.47	72.12
		For Tempered Low-E Insulated Glass, Add	*141.25*	

08 52 16 00-0418 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	612.80	57.88
		For Tempered Low-E Insulated Glass, Add	*99.41*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	666.66	61.56
		For Tempered Low-E Insulated Glass, Add	*108.89*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	723.13	65.23
		For Tempered Low-E Insulated Glass, Add	*118.72*	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	788.06	68.45
		For Tempered Low-E Insulated Glass, Add	*130.24*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	836.46	71.20
		For Tempered Low-E Insulated Glass, Add	*138.81*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	904.32	75.34
		For Tempered Low-E Insulated Glass, Add	*150.73*	

08 52 16 00-0425 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	650.42	60.18
		For Tempered Low-E Insulated Glass, Add	*106.01*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	704.28	63.39
		For Tempered Low-E Insulated Glass, Add	*115.50*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	761.60	67.07
		For Tempered Low-E Insulated Glass, Add	*125.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	826.54	70.74
		For Tempered Low-E Insulated Glass, Add	*137.01*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	705.13	63.39
		For Tempered Low-E Insulated Glass, Add	*115.67*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	758.98	67.07
		For Tempered Low-E Insulated Glass, Add	*125.15*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	815.46	70.74
		For Tempered Low-E Insulated Glass, Add	*134.98*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	880.40	73.96
		For Tempered Low-E Insulated Glass, Add	*146.50*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	629.59	59.25
		For Tempered Low-E Insulated Glass, Add	*102.21*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	728.45	65.23
		For Tempered Low-E Insulated Glass, Add	*119.60*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	665.55	61.09
		For Tempered Low-E Insulated Glass, Add	*108.67*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	759.38	67.07
		For Tempered Low-E Insulated Glass, Add	*125.05*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	641.20	59.72
		For Tempered Low-E Insulated Glass, Add	*104.35*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	721.36	64.31
		For Tempered Low-E Insulated Glass, Add	*118.55*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	820.54	70.74
		For Tempered Low-E Insulated Glass, Add	*136.00*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	677.11	62.47
		For Tempered Low-E Insulated Glass, Add	*110.62*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	759.83	66.61
		For Tempered Low-E Insulated Glass, Add	*125.32*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	858.16	72.58
		For Tempered Low-E Insulated Glass, Add	*142.60*	
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	815.46	70.28
		For Tempered Low-E Insulated Glass, Add	*134.98*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	913.78	76.25
		For Tempered Low-E Insulated Glass, Add	*152.26*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	852.17	72.12
		For Tempered Low-E Insulated Glass, Add	*141.59*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	950.48	78.09
		For Tempered Low-E Insulated Glass, Add	*158.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	906.01	75.34
		For Tempered Low-E Insulated Glass, Add	*151.07*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,005.20	81.76
		For Tempered Low-E Insulated Glass, Add	*168.52*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	216.87	37.67
		For Tempered Clear Insulated Glass, Add	*28.31*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	231.38	39.51
		For Tempered Clear Insulated Glass, Add	*30.47*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	243.14	40.89
		For Tempered Clear Insulated Glass, Add	*32.28*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	258.14	42.72
		For Tempered Clear Insulated Glass, Add	*34.54*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	275.60	45.02
		For Tempered Clear Insulated Glass, Add	*37.11*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	302.60	48.69
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	319.15	50.53
		For Tempered Clear Insulated Glass, Add	*43.62*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	343.87	54.20
		For Tempered Clear Insulated Glass, Add	*47.28*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	354.26	56.04
		For Tempered Clear Insulated Glass, Add	*48.44*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	378.76	59.25
		For Tempered Clear Insulated Glass, Add	*52.05*	
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	228.08	39.51
		For Tempered Clear Insulated Glass, Add	*30.00*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	243.62	41.34
		For Tempered Clear Insulated Glass, Add	*32.37*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	253.94	42.26
		For Tempered Clear Insulated Glass, Add	*33.88*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	270.37	44.10
		For Tempered Clear Insulated Glass, Add	*36.44*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	287.84	46.85
		For Tempered Clear Insulated Glass, Add	*39.01*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	314.17	50.07
		For Tempered Clear Insulated Glass, Add	*42.81*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	330.71	52.36
		For Tempered Clear Insulated Glass, Add	*45.38*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	356.12	55.12
		For Tempered Clear Insulated Glass, Add	*49.17*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	365.72	57.88
		For Tempered Clear Insulated Glass, Add	*50.18*	
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	390.88	60.63
		For Tempered Clear Insulated Glass, Add	*53.92*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	574.89	67.07
		For Tempered Clear Insulated Glass, Add	*88.34*	
08 52 16 00-0485		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	242.26	41.34
		For Tempered Clear Insulated Glass, Add	*32.10*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	256.78	43.18
		For Tempered Clear Insulated Glass, Add	*34.27*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	266.80	44.10
		For Tempered Clear Insulated Glass, Add	*35.72*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	283.54	45.94
		For Tempered Clear Insulated Glass, Add	*38.33*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	301.00	48.69
		For Tempered Clear Insulated Glass, Add	*40.91*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	328.00	51.91
		For Tempered Clear Insulated Glass, Add	*44.84*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	344.55	54.20
		For Tempered Clear Insulated Glass, Add	*47.41*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	369.95	56.96
		For Tempered Clear Insulated Glass, Add	*51.21*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	378.76	59.72
		For Tempered Clear Insulated Glass, Add	*52.05*	

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08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	403.22	62.47
		For Tempered Clear Insulated Glass, Add	*55.66*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	603.27	68.90
		For Tempered Clear Insulated Glass, Add	*93.28*	

08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	243.91	43.18
		For Tempered Clear Insulated Glass, Add	*31.69*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	265.20	45.02
		For Tempered Clear Insulated Glass, Add	*35.22*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	279.10	45.94
		For Tempered Clear Insulated Glass, Add	*37.45*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	304.15	47.78
		For Tempered Clear Insulated Glass, Add	*41.72*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	329.75	50.53
		For Tempered Clear Insulated Glass, Add	*45.92*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	367.59	53.74
		For Tempered Clear Insulated Glass, Add	*52.02*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	391.59	56.04
		For Tempered Clear Insulated Glass, Add	*56.09*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	428.50	58.80
		For Tempered Clear Insulated Glass, Add	*62.18*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	443.31	61.56
		For Tempered Clear Insulated Glass, Add	*64.22*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	479.18	64.31
		For Tempered Clear Insulated Glass, Add	*70.11*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	619.64	70.74
		For Tempered Clear Insulated Glass, Add	*95.82*	

08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	279.10	45.94
		For Tempered Clear Insulated Glass, Add	*37.45*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	293.93	47.31
		For Tempered Clear Insulated Glass, Add	*39.86*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	314.26	49.15
		For Tempered Clear Insulated Glass, Add	*43.19*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	337.25	51.45
		For Tempered Clear Insulated Glass, Add	*46.87*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	371.04	55.12
		For Tempered Clear Insulated Glass, Add	*52.16*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	393.67	56.96
		For Tempered Clear Insulated Glass, Add	*55.95*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	426.53	60.63
		For Tempered Clear Insulated Glass, Add	*61.24*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	449.51	62.47
		For Tempered Clear Insulated Glass, Add	*64.91*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	482.95	65.69
		For Tempered Clear Insulated Glass, Add	*70.32*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	657.34	71.66
		For Tempered Clear Insulated Glass, Add	*102.80*	

08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	314.26	49.15
		For Tempered Clear Insulated Glass, Add	*43.19*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	342.42	50.99
		For Tempered Clear Insulated Glass, Add	*48.09*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	368.02	53.29
		For Tempered Clear Insulated Glass, Add	*52.29*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	405.86	56.96
		For Tempered Clear Insulated Glass, Add	*58.39*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	430.54	58.80
		For Tempered Clear Insulated Glass, Add	*62.59*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	466.79	62.47
		For Tempered Clear Insulated Glass, Add	*68.55*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	418.30	64.31
		For Tempered Clear Insulated Glass, Add	*57.94*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	447.47	67.52
		For Tempered Clear Insulated Glass, Add	*62.48*	

08 52 16 00-0529 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	363.96	53.29
		For Tempered Clear Insulated Glass, Add	*51.48*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	405.14	56.04
		For Tempered Clear Insulated Glass, Add	*58.80*	

08 52 16 00-0532 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	426.19	56.96
		For Tempered Clear Insulated Glass, Add	*62.45*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	468.05	59.72
		For Tempered Clear Insulated Glass, Add	*69.91*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	529.60	62.93
		For Tempered Clear Insulated Glass, Add	*80.75*	
08 52 16 00-0536		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	518.81	62.01
		For Tempered Clear Insulated Glass, Add	*78.96*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	555.76	64.31
		For Tempered Clear Insulated Glass, Add	*85.43*	
08 52 16 00-0539		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	561.79	62.47
		For Tempered Clear Insulated Glass, Add	*87.37*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	584.25	67.52
		For Tempered Clear Insulated Glass, Add	*89.84*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	641.48	69.82
		For Tempered Clear Insulated Glass, Add	*100.37*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	701.35	73.50
		For Tempered Clear Insulated Glass, Add	*110.87*	
08 52 16 00-0544		Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0545		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	195.87	37.67
		For Tempered Clear Insulated Glass, Add	*24.11*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	209.70	39.51
		For Tempered Clear Insulated Glass, Add	*26.14*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	219.00	40.89
		For Tempered Clear Insulated Glass, Add	*27.45*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	233.74	42.72
		For Tempered Clear Insulated Glass, Add	*29.66*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	249.85	45.02
		For Tempered Clear Insulated Glass, Add	*31.96*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	274.82	48.69
		For Tempered Clear Insulated Glass, Add	*35.49*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	289.34	50.53
		For Tempered Clear Insulated Glass, Add	*37.66*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	312.71	54.20
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	328.82	56.04
		For Tempered Clear Insulated Glass, Add	*43.35*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	352.19	59.25
		For Tempered Clear Insulated Glass, Add	*46.73*	
08 52 16 00-0556		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	206.75	39.51
		For Tempered Clear Insulated Glass, Add	*25.73*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	220.58	41.34
		For Tempered Clear Insulated Glass, Add	*27.76*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	229.23	42.26
		For Tempered Clear Insulated Glass, Add	*28.94*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	245.30	44.10
		For Tempered Clear Insulated Glass, Add	*31.42*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	261.42	46.85
		For Tempered Clear Insulated Glass, Add	*33.73*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	285.71	50.07
		For Tempered Clear Insulated Glass, Add	*37.11*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	300.90	52.36
		For Tempered Clear Insulated Glass, Add	*39.42*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	323.60	55.12
		For Tempered Clear Insulated Glass, Add	*42.67*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	340.38	57.88
		For Tempered Clear Insulated Glass, Add	*45.11*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	363.08	60.63
		For Tempered Clear Insulated Glass, Add	*48.36*	
08 52 16 00-0567		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	219.22	41.34
		For Tempered Clear Insulated Glass, Add	*27.49*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	233.07	43.18
		For Tempered Clear Insulated Glass, Add	*29.53*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	240.95	44.10
		For Tempered Clear Insulated Glass, Add	*30.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	257.11	45.94
		For Tempered Clear Insulated Glass, Add	*33.05*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	273.22	48.69
		For Tempered Clear Insulated Glass, Add	*35.35*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	297.51	51.91
		For Tempered Clear Insulated Glass, Add	*38.74*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	312.71	54.20
		For Tempered Clear Insulated Glass, Add	*41.04*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	336.08	56.96
		For Tempered Clear Insulated Glass, Add	*44.43*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	352.19	59.72
		For Tempered Clear Insulated Glass, Add	*46.73*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	375.55	62.47
		For Tempered Clear Insulated Glass, Add	*50.12*	

08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	222.23	43.18
		For Tempered Clear Insulated Glass, Add	*27.36*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	240.13	45.02
		For Tempered Clear Insulated Glass, Add	*30.20*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	250.37	45.94
		For Tempered Clear Insulated Glass, Add	*31.70*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	260.78	47.78
		For Tempered Clear Insulated Glass, Add	*33.05*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	293.16	50.53
		For Tempered Clear Insulated Glass, Add	*38.60*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	324.23	53.74
		For Tempered Clear Insulated Glass, Add	*43.35*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	344.16	56.04
		For Tempered Clear Insulated Glass, Add	*46.60*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	374.30	58.80
		For Tempered Clear Insulated Glass, Add	*51.34*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	395.84	61.56
		For Tempered Clear Insulated Glass, Add	*54.73*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	425.98	64.31
		For Tempered Clear Insulated Glass, Add	*59.47*	

08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	250.37	45.94
		For Tempered Clear Insulated Glass, Add	*31.70*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	262.90	47.31
		For Tempered Clear Insulated Glass, Add	*33.65*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	279.79	49.15
		For Tempered Clear Insulated Glass, Add	*36.30*	
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	299.33	51.45
		For Tempered Clear Insulated Glass, Add	*39.29*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	327.94	55.12
		For Tempered Clear Insulated Glass, Add	*43.54*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	346.55	56.96
		For Tempered Clear Insulated Glass, Add	*46.53*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	374.24	60.63
		For Tempered Clear Insulated Glass, Add	*50.78*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	393.20	62.47
		For Tempered Clear Insulated Glass, Add	*53.65*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	420.89	65.69
		For Tempered Clear Insulated Glass, Add	*57.90*	

08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	279.79	49.15
		For Tempered Clear Insulated Glass, Add	*36.30*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	303.80	50.99
		For Tempered Clear Insulated Glass, Add	*40.37*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	324.66	53.29
		For Tempered Clear Insulated Glass, Add	*43.62*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	356.40	56.96
		For Tempered Clear Insulated Glass, Add	*48.50*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	376.33	58.80
		For Tempered Clear Insulated Glass, Add	*51.75*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	406.49	62.47
		For Tempered Clear Insulated Glass, Add	*56.49*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	427.34	64.31
		For Tempered Clear Insulated Glass, Add	*59.74*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	457.48	67.52
		For Tempered Clear Insulated Glass, Add	*64.49*	

08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0610		17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	250.41	37.67
		For Tempered Low-E Insulated Glass, Add	*35.01*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	267.63	39.51
		For Tempered Low-E Insulated Glass, Add	*37.72*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	281.63	40.89
		For Tempered Low-E Insulated Glass, Add	*39.97*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	299.47	42.72
		For Tempered Low-E Insulated Glass, Add	*42.81*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	320.15	45.02
		For Tempered Low-E Insulated Glass, Add	*46.02*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	352.06	48.69
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	371.83	50.53
		For Tempered Low-E Insulated Glass, Add	*54.15*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	401.13	54.20
		For Tempered Low-E Insulated Glass, Add	*58.73*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	412.96	56.04
		For Tempered Low-E Insulated Glass, Add	*60.18*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	441.98	59.25
		For Tempered Low-E Insulated Glass, Add	*64.69*	
08 52 16 00-0621		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	263.74	39.51
		For Tempered Low-E Insulated Glass, Add	*37.13*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	282.24	41.34
		For Tempered Low-E Insulated Glass, Add	*40.10*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	294.45	42.26
		For Tempered Low-E Insulated Glass, Add	*41.99*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	314.07	44.10
		For Tempered Low-E Insulated Glass, Add	*45.18*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	334.76	46.85
		For Tempered Low-E Insulated Glass, Add	*48.39*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	365.83	50.07
		For Tempered Low-E Insulated Glass, Add	*53.14*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	385.59	52.36
		For Tempered Low-E Insulated Glass, Add	*56.36*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	415.74	55.12
		For Tempered Low-E Insulated Glass, Add	*61.10*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	426.60	57.88
		For Tempered Low-E Insulated Glass, Add	*62.35*	
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	456.44	60.63
		For Tempered Low-E Insulated Glass, Add	*67.03*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	683.47	67.07
		For Tempered Low-E Insulated Glass, Add	*110.05*	
08 52 16 00-0633		24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	280.54	41.34
		For Tempered Low-E Insulated Glass, Add	*39.76*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	297.77	43.18
		For Tempered Low-E Insulated Glass, Add	*42.47*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	309.61	44.10
		For Tempered Low-E Insulated Glass, Add	*44.28*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	329.61	45.94
		For Tempered Low-E Insulated Glass, Add	*47.55*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	350.29	48.69
		For Tempered Low-E Insulated Glass, Add	*50.77*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	382.20	51.91
		For Tempered Low-E Insulated Glass, Add	*55.68*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	401.97	54.20
		For Tempered Low-E Insulated Glass, Add	*58.90*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	432.12	56.96
		For Tempered Low-E Insulated Glass, Add	*63.64*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	441.98	59.72
		For Tempered Low-E Insulated Glass, Add	*64.69*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	470.95	62.47
		For Tempered Low-E Insulated Glass, Add	*69.20*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	718.02	68.90
		For Tempered Low-E Insulated Glass, Add	*116.23*	
08 52 16 00-0645		28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	281.68	43.18
		For Tempered Low-E Insulated Glass, Add	*39.25*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	307.38	45.02
		For Tempered Low-E Insulated Glass, Add	*43.65*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	324.07	45.94
		For Tempered Low-E Insulated Glass, Add	*46.44*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	354.45	47.78
		For Tempered Low-E Insulated Glass, Add	*51.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	385.31	50.53
		For Tempered Low-E Insulated Glass, Add	*57.03*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	430.77	53.74
		For Tempered Low-E Insulated Glass, Add	*64.66*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	459.85	56.04
		For Tempered Low-E Insulated Glass, Add	*69.74*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	504.39	58.80
		For Tempered Low-E Insulated Glass, Add	*77.36*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	521.75	61.56
		For Tempered Low-E Insulated Glass, Add	*79.91*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	638.73	64.31
		For Tempered Low-E Insulated Glass, Add	*102.02*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	737.57	70.74
		For Tempered Low-E Insulated Glass, Add	*119.40*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	324.07	45.94
		For Tempered Low-E Insulated Glass, Add	*46.44*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	341.91	47.31
		For Tempered Low-E Insulated Glass, Add	*49.46*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	366.41	49.15
		For Tempered Low-E Insulated Glass, Add	*53.62*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	394.00	51.45
		For Tempered Low-E Insulated Glass, Add	*58.22*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	434.39	55.12
		For Tempered Low-E Insulated Glass, Add	*64.83*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	461.76	56.96
		For Tempered Low-E Insulated Glass, Add	*69.57*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	501.23	60.63
		For Tempered Low-E Insulated Glass, Add	*76.18*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	528.81	62.47
		For Tempered Low-E Insulated Glass, Add	*80.77*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	569.00	65.69
		For Tempered Low-E Insulated Glass, Add	*87.53*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	784.00	71.66
		For Tempered Low-E Insulated Glass, Add	*128.14*	

08 52 16 00-0668 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	366.41	49.15
		For Tempered Low-E Insulated Glass, Add	*53.62*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	400.69	50.99
		For Tempered Low-E Insulated Glass, Add	*59.74*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	431.54	53.29
		For Tempered Low-E Insulated Glass, Add	*64.99*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	477.01	56.96
		For Tempered Low-E Insulated Glass, Add	*72.62*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	506.93	58.80
		For Tempered Low-E Insulated Glass, Add	*77.87*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	550.63	62.47
		For Tempered Low-E Insulated Glass, Add	*85.32*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	488.88	64.31
		For Tempered Low-E Insulated Glass, Add	*72.05*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	523.74	67.52
		For Tempered Low-E Insulated Glass, Add	*77.74*	

08 52 16 00-0677 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	421.86	53.29
		For Tempered Low-E Insulated Glass, Add	*63.98*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	479.55	56.96
		For Tempered Low-E Insulated Glass, Add	*73.13*	

08 52 16 00-0680 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	502.41	56.96
		For Tempered Low-E Insulated Glass, Add	*77.70*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	553.59	59.72
		For Tempered Low-E Insulated Glass, Add	*87.01*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	628.69	62.93
		For Tempered Low-E Insulated Glass, Add	*100.57*	

08 52 16 00-0684 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	615.67	62.01
		For Tempered Low-E Insulated Glass, Add	*98.33*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	660.70	64.31
		For Tempered Low-E Insulated Glass, Add	*106.42*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0687		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*		
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	669.16	62.47
		For Tempered Low-E Insulated Glass, Add	*108.84*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	694.71	67.52
		For Tempered Low-E Insulated Glass, Add	*111.93*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	765.10	69.82
		For Tempered Low-E Insulated Glass, Add	*125.09*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	838.09	73.50
		For Tempered Low-E Insulated Glass, Add	*138.22*	
08 52 16 00-0692		Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*		
08 52 16 00-0693		17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	224.15	37.67
		For Tempered Low-E Insulated Glass, Add	*29.76*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	240.53	39.51
		For Tempered Low-E Insulated Glass, Add	*32.30*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	251.47	40.89
		For Tempered Low-E Insulated Glass, Add	*33.94*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	268.98	42.72
		For Tempered Low-E Insulated Glass, Add	*36.71*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	287.96	45.02
		For Tempered Low-E Insulated Glass, Add	*39.59*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	317.33	48.69
		For Tempered Low-E Insulated Glass, Add	*43.99*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	334.57	50.53
		For Tempered Low-E Insulated Glass, Add	*46.70*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	362.17	54.20
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	381.16	56.04
		For Tempered Low-E Insulated Glass, Add	*53.82*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	408.77	59.25
		For Tempered Low-E Insulated Glass, Add	*58.05*	
08 52 16 00-0704		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	237.07	39.51
		For Tempered Low-E Insulated Glass, Add	*31.80*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	253.44	41.34
		For Tempered Low-E Insulated Glass, Add	*34.34*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	263.56	42.26
		For Tempered Low-E Insulated Glass, Add	*35.81*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	282.74	44.10
		For Tempered Low-E Insulated Glass, Add	*38.91*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	301.73	46.85
		For Tempered Low-E Insulated Glass, Add	*41.79*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	330.26	50.07
		For Tempered Low-E Insulated Glass, Add	*46.02*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	348.33	52.36
		For Tempered Low-E Insulated Glass, Add	*48.90*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	375.09	55.12
		For Tempered Low-E Insulated Glass, Add	*52.97*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	394.93	57.88
		For Tempered Low-E Insulated Glass, Add	*56.02*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	421.68	60.63
		For Tempered Low-E Insulated Glass, Add	*60.08*	
08 52 16 00-0715		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*		
08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	251.75	41.34
		For Tempered Low-E Insulated Glass, Add	*34.00*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	268.13	43.18
		For Tempered Low-E Insulated Glass, Add	*36.54*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	277.29	44.10
		For Tempered Low-E Insulated Glass, Add	*37.82*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	296.58	45.94
		For Tempered Low-E Insulated Glass, Add	*40.94*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	315.57	48.69
		For Tempered Low-E Insulated Glass, Add	*43.82*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	344.09	51.91
		For Tempered Low-E Insulated Glass, Add	*48.06*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	362.17	54.20
		For Tempered Low-E Insulated Glass, Add	*50.94*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	389.77	56.96
		For Tempered Low-E Insulated Glass, Add	*55.17*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	408.77	59.72
		For Tempered Low-E Insulated Glass, Add	*58.05*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	436.36	62.47
		For Tempered Low-E Insulated Glass, Add	*62.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	254.58	43.18
		For Tempered Low-E Insulated Glass, Add	*33.83*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	276.04	45.02
		For Tempered Low-E Insulated Glass, Add	*37.38*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	288.15	45.94
		For Tempered Low-E Insulated Glass, Add	*39.26*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	300.25	47.78
		For Tempered Low-E Insulated Glass, Add	*40.94*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	339.57	50.53
		For Tempered Low-E Insulated Glass, Add	*47.89*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	376.57	53.74
		For Tempered Low-E Insulated Glass, Add	*53.82*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	400.56	56.04
		For Tempered Low-E Insulated Glass, Add	*57.88*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	436.64	58.80
		For Tempered Low-E Insulated Glass, Add	*63.81*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	462.41	61.56
		For Tempered Low-E Insulated Glass, Add	*68.04*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	498.48	64.31
		For Tempered Low-E Insulated Glass, Add	*73.97*	

08 52 16 00-0737 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	288.15	45.94
		For Tempered Low-E Insulated Glass, Add	*39.26*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	303.12	47.31
		For Tempered Low-E Insulated Glass, Add	*41.70*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	323.31	49.15
		For Tempered Low-E Insulated Glass, Add	*45.00*	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	346.59	51.45
		For Tempered Low-E Insulated Glass, Add	*48.74*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	380.52	55.12
		For Tempered Low-E Insulated Glass, Add	*54.05*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	402.86	56.96
		For Tempered Low-E Insulated Glass, Add	*57.79*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	435.87	60.63
		For Tempered Low-E Insulated Glass, Add	*63.10*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	458.42	62.47
		For Tempered Low-E Insulated Glass, Add	*66.70*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	491.42	65.69
		For Tempered Low-E Insulated Glass, Add	*72.01*	

08 52 16 00-0747 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	323.31	49.15
		For Tempered Low-E Insulated Glass, Add	*45.00*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	352.41	50.99
		For Tempered Low-E Insulated Glass, Add	*50.09*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	377.34	53.29
		For Tempered Low-E Insulated Glass, Add	*54.15*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	415.18	56.96
		For Tempered Low-E Insulated Glass, Add	*60.25*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	439.18	58.80
		For Tempered Low-E Insulated Glass, Add	*64.32*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	475.26	62.47
		For Tempered Low-E Insulated Glass, Add	*70.25*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	500.17	64.31
		For Tempered Low-E Insulated Glass, Add	*74.31*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	536.25	67.52
		For Tempered Low-E Insulated Glass, Add	*80.24*	

08 52 16 00-0756 Horizontal Sliding Wood Clad Windows *(08 52 16)*

08 52 16 00-0757 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0758 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	270.39	48.69
		For Tempered Clear Insulated Glass, Add	*34.79*	

08 52 16 00-0760 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	249.83	45.02
		For Tempered Clear Insulated Glass, Add	*31.78*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	290.12	51.45
		For Tempered Clear Insulated Glass, Add	*37.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	290.12	51.45
		For Tempered Clear Insulated Glass, Add	*37.63*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	330.41	56.96
		For Tempered Clear Insulated Glass, Add	*43.48*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	370.71	62.01
		For Tempered Clear Insulated Glass, Add	*49.34*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	411.00	67.52
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0768		41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	310.69	54.20
		For Tempered Clear Insulated Glass, Add	*40.64*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	350.15	59.72
		For Tempered Clear Insulated Glass, Add	*46.33*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	390.44	64.77
		For Tempered Clear Insulated Glass, Add	*52.18*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	459.99	70.28
		For Tempered Clear Insulated Glass, Add	*63.89*	
08 52 16 00-0773		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	330.41	56.96
		For Tempered Clear Insulated Glass, Add	*43.48*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	370.71	62.47
		For Tempered Clear Insulated Glass, Add	*49.34*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	411.00	67.52
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	451.30	73.03
		For Tempered Clear Insulated Glass, Add	*61.04*	
08 52 16 00-0778		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	390.44	65.23
		For Tempered Clear Insulated Glass, Add	*52.18*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	430.72	70.28
		For Tempered Clear Insulated Glass, Add	*58.03*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	471.02	75.79
		For Tempered Clear Insulated Glass, Add	*63.89*	
08 52 16 00-0782		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	411.00	67.98
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	451.30	73.03
		For Tempered Clear Insulated Glass, Add	*61.04*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	491.65	78.55
		For Tempered Clear Insulated Glass, Add	*66.91*	
08 52 16 00-0786		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	543.25	45.02
		For Tempered Low-E Insulated Glass, Add	*90.46*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	643.75	51.45
		For Tempered Low-E Insulated Glass, Add	*108.36*	
08 52 16 00-0790		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	651.27	51.45
		For Tempered Low-E Insulated Glass, Add	*109.86*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	752.61	56.96
		For Tempered Low-E Insulated Glass, Add	*127.92*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	853.12	62.01
		For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	953.61	67.52
		For Tempered Low-E Insulated Glass, Add	*163.71*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0795			41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0796		EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	701.95	54.20
			For Tempered Low-E Insulated Glass, Add	*118.89*	
08 52 16 00-0797		EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	802.45	59.72
			For Tempered Low-E Insulated Glass, Add	*136.79*	
08 52 16 00-0798		EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	903.78	64.77
			For Tempered Low-E Insulated Glass, Add	*154.85*	
08 52 16 00-0799		EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,004.28	70.28
			For Tempered Low-E Insulated Glass, Add	*172.74*	
08 52 16 00-0800			47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0801		EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	752.61	56.96
			For Tempered Low-E Insulated Glass, Add	*127.92*	
08 52 16 00-0802		EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	853.12	62.47
			For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0803		EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	953.61	67.52
			For Tempered Low-E Insulated Glass, Add	*163.71*	
08 52 16 00-0804		EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,054.95	73.03
			For Tempered Low-E Insulated Glass, Add	*181.77*	
08 52 16 00-0805			59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0806		EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	853.12	62.47
			For Tempered Low-E Insulated Glass, Add	*145.82*	
08 52 16 00-0807		EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	953.61	67.98
			For Tempered Low-E Insulated Glass, Add	*163.71*	
08 52 16 00-0808		EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,054.95	73.03
			For Tempered Low-E Insulated Glass, Add	*181.77*	
08 52 16 00-0809		EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,155.45	78.55
			For Tempered Low-E Insulated Glass, Add	*199.67*	
08 52 16 00-0810			Picture Wood Clad Windows *(08 52 16)*		
08 52 16 00-0811			Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*		
08 52 16 00-0812			Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)*		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813			12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0814		EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	211.48	36.75
			For Tempered Clear Insulated Glass, Add	*27.60*	
08 52 16 00-0815		EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	244.97	40.42
			For Tempered Clear Insulated Glass, Add	*32.82*	
08 52 16 00-0816		EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	259.58	42.26
			For Tempered Clear Insulated Glass, Add	*35.01*	
08 52 16 00-0817		EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	281.21	45.94
			For Tempered Clear Insulated Glass, Add	*38.05*	
08 52 16 00-0818		EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	296.13	47.78
			For Tempered Clear Insulated Glass, Add	*40.12*	
08 52 16 00-0819		EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	317.76	51.45
			For Tempered Clear Insulated Glass, Add	*43.16*	
08 52 16 00-0820			35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0821		EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	238.89	45.02
			For Tempered Clear Insulated Glass, Add	*29.77*	
08 52 16 00-0822		EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	271.62	47.78
			For Tempered Clear Insulated Glass, Add	*35.40*	
08 52 16 00-0823		EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	320.12	50.99
			For Tempered Clear Insulated Glass, Add	*43.63*	
08 52 16 00-0824		EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	351.24	52.83
			For Tempered Clear Insulated Glass, Add	*49.12*	
08 52 16 00-0825		EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	398.15	56.04
			For Tempered Clear Insulated Glass, Add	*57.21*	
08 52 16 00-0826		EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	430.87	58.34
			For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0827		EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	614.97	61.56
			For Tempered Clear Insulated Glass, Add	*98.37*	
08 52 16 00-0828			40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0829		EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	271.62	47.78
			For Tempered Clear Insulated Glass, Add	*35.40*	
08 52 16 00-0830		EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	304.33	49.61
			For Tempered Clear Insulated Glass, Add	*41.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	352.85	53.29
		For Tempered Clear Insulated Glass, Add	*49.26*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	383.97	55.12
		For Tempered Clear Insulated Glass, Add	*54.74*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	430.87	58.80
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	463.59	60.63
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	510.49	64.31
		For Tempered Clear Insulated Glass, Add	*76.56*	

08 52 16 00-0836 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	320.12	51.45
		For Tempered Clear Insulated Glass, Add	*43.63*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	352.85	53.29
		For Tempered Clear Insulated Glass, Add	*49.26*	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	401.36	56.96
		For Tempered Clear Insulated Glass, Add	*57.49*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	432.47	58.80
		For Tempered Clear Insulated Glass, Add	*62.98*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	479.38	62.47
		For Tempered Clear Insulated Glass, Add	*71.07*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	512.10	64.31
		For Tempered Clear Insulated Glass, Add	*76.70*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	559.00	67.98
		For Tempered Clear Insulated Glass, Add	*84.79*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	351.24	53.29
		For Tempered Clear Insulated Glass, Add	*49.12*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	383.97	55.12
		For Tempered Clear Insulated Glass, Add	*54.74*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	432.47	58.80
		For Tempered Clear Insulated Glass, Add	*62.98*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	463.59	60.63
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	510.49	64.31
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	543.22	66.14
		For Tempered Clear Insulated Glass, Add	*82.18*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	630.59	69.82
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	398.15	56.04
		For Tempered Clear Insulated Glass, Add	*57.21*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	430.87	58.80
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	479.38	62.01
		For Tempered Clear Insulated Glass, Add	*71.07*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	510.49	63.85
		For Tempered Clear Insulated Glass, Add	*76.56*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	557.40	67.07
		For Tempered Clear Insulated Glass, Add	*84.65*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	590.12	69.36
		For Tempered Clear Insulated Glass, Add	*90.28*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	637.02	72.58
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	430.87	58.80
		For Tempered Clear Insulated Glass, Add	*62.84*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	463.59	60.63
		For Tempered Clear Insulated Glass, Add	*68.46*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	512.10	64.31
		For Tempered Clear Insulated Glass, Add	*76.70*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	543.22	66.14
		For Tempered Clear Insulated Glass, Add	*82.18*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	630.59	69.82
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	477.77	61.56
		For Tempered Clear Insulated Glass, Add	*70.93*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	510.49	64.31
		For Tempered Clear Insulated Glass, Add	*76.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	559.00	67.52
		For Tempered Clear Insulated Glass, Add	*84.79*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	590.12	69.36
		For Tempered Clear Insulated Glass, Add	*90.28*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	637.02	72.58
		For Tempered Clear Insulated Glass, Add	*98.37*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	243.85	36.75
		For Tempered Low-E Insulated Glass, Add	*34.07*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	283.47	40.42
		For Tempered Low-E Insulated Glass, Add	*40.52*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	300.65	42.26
		For Tempered Low-E Insulated Glass, Add	*43.23*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	325.84	45.94
		For Tempered Low-E Insulated Glass, Add	*46.98*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	343.19	47.78
		For Tempered Low-E Insulated Glass, Add	*49.53*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	368.38	51.45
		For Tempered Low-E Insulated Glass, Add	*53.28*	

08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	273.81	45.02
		For Tempered Low-E Insulated Glass, Add	*36.76*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	313.14	47.78
		For Tempered Low-E Insulated Glass, Add	*43.70*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	371.29	50.99
		For Tempered Low-E Insulated Glass, Add	*53.86*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	408.85	52.83
		For Tempered Low-E Insulated Glass, Add	*60.64*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	465.25	56.04
		For Tempered Low-E Insulated Glass, Add	*70.63*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	504.57	58.34
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	730.35	61.56
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	313.14	47.78
		For Tempered Low-E Insulated Glass, Add	*43.70*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	352.44	49.61
		For Tempered Low-E Insulated Glass, Add	*50.65*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	410.62	53.29
		For Tempered Low-E Insulated Glass, Add	*60.81*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	448.17	55.12
		For Tempered Low-E Insulated Glass, Add	*67.58*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	504.57	58.80
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	543.89	60.63
		For Tempered Low-E Insulated Glass, Add	*84.52*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	600.29	64.31
		For Tempered Low-E Insulated Glass, Add	*94.52*	

08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	371.29	51.45
		For Tempered Low-E Insulated Glass, Add	*53.86*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	410.62	53.29
		For Tempered Low-E Insulated Glass, Add	*60.81*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	468.78	56.96
		For Tempered Low-E Insulated Glass, Add	*70.97*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	506.33	58.80
		For Tempered Low-E Insulated Glass, Add	*77.75*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	562.74	62.47
		For Tempered Low-E Insulated Glass, Add	*87.74*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	602.05	64.31
		For Tempered Low-E Insulated Glass, Add	*94.69*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	658.45	67.98
		For Tempered Low-E Insulated Glass, Add	*104.68*	

08 52 16 00-0904 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	408.85	53.29
		For Tempered Low-E Insulated Glass, Add	*60.64*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	448.17	55.12
		For Tempered Low-E Insulated Glass, Add	*67.58*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	506.33	58.80
		For Tempered Low-E Insulated Glass, Add	*77.75*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	543.89	60.63
		For Tempered Low-E Insulated Glass, Add	*84.52*	
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	600.29	64.31
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	639.61	66.14
		For Tempered Low-E Insulated Glass, Add	*101.46*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	745.97	69.82
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	465.25	56.04
		For Tempered Low-E Insulated Glass, Add	*70.63*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	504.57	58.80
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	562.74	62.01
		For Tempered Low-E Insulated Glass, Add	*87.74*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	600.29	63.85
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	656.68	67.07
		For Tempered Low-E Insulated Glass, Add	*104.51*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	696.00	69.36
		For Tempered Low-E Insulated Glass, Add	*111.46*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	752.40	72.58
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	504.57	58.80
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	543.89	60.63
		For Tempered Low-E Insulated Glass, Add	*84.52*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	602.05	64.31
		For Tempered Low-E Insulated Glass, Add	*94.69*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	639.61	66.14
		For Tempered Low-E Insulated Glass, Add	*101.46*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	745.97	69.82
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	560.96	61.56
		For Tempered Low-E Insulated Glass, Add	*87.57*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	600.29	64.31
		For Tempered Low-E Insulated Glass, Add	*94.52*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	658.45	67.52
		For Tempered Low-E Insulated Glass, Add	*104.68*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	696.00	69.36
		For Tempered Low-E Insulated Glass, Add	*111.46*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	752.40	72.58
		For Tempered Low-E Insulated Glass, Add	*121.45*	

08 52 16 00-0932 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*

08 52 16 00-0933 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0934 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	306.20	57.42
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	

08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0940		53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	355.75	65.69
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	363.77	67.07
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	306.20	57.88
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	355.75	65.69
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	363.77	67.07
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	396.55	72.58
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	396.55	72.58
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	321.25	43.18
		For Tempered Low-E Insulated Glass, Add	*46.98*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	443.27	55.12
		For Tempered Low-E Insulated Glass, Add	*66.79*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	461.96	56.50
		For Tempered Low-E Insulated Glass, Add	*69.79*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	489.99	59.25
		For Tempered Low-E Insulated Glass, Add	*74.29*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	508.67	61.56
		For Tempered Low-E Insulated Glass, Add	*77.30*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	546.79	64.77
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	584.89	68.90
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	340.68	45.02
		For Tempered Low-E Insulated Glass, Add	*50.13*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	461.96	56.96
		For Tempered Low-E Insulated Glass, Add	*69.79*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	481.39	58.34
		For Tempered Low-E Insulated Glass, Add	*72.94*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	508.67	61.09
		For Tempered Low-E Insulated Glass, Add	*77.30*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	528.10	63.39
		For Tempered Low-E Insulated Glass, Add	*80.45*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	566.21	66.61
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	604.33	70.74
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	359.36	46.85
		For Tempered Low-E Insulated Glass, Add	*53.13*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	481.39	58.80
		For Tempered Low-E Insulated Glass, Add	*72.94*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	500.07	60.18
		For Tempered Low-E Insulated Glass, Add	*75.94*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	528.10	62.93
		For Tempered Low-E Insulated Glass, Add	*80.45*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	546.79	65.23
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	584.89	68.45
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	623.77	72.58
		For Tempered Low-E Insulated Glass, Add	*95.91*	

08 52 16 00-0980 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	378.80	48.69
		For Tempered Low-E Insulated Glass, Add	*56.28*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	500.07	60.63
		For Tempered Low-E Insulated Glass, Add	*75.94*	
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	519.51	62.01
		For Tempered Low-E Insulated Glass, Add	*79.10*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	546.79	64.77
		For Tempered Low-E Insulated Glass, Add	*83.45*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	566.21	67.07
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	604.33	70.28
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	642.45	74.41
		For Tempered Low-E Insulated Glass, Add	*98.91*	

08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	397.48	50.53
		For Tempered Low-E Insulated Glass, Add	*59.28*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	519.51	62.47
		For Tempered Low-E Insulated Glass, Add	*79.10*	
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	538.94	63.85
		For Tempered Low-E Insulated Glass, Add	*82.25*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	566.21	66.61
		For Tempered Low-E Insulated Glass, Add	*86.60*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	584.89	68.90
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	623.77	72.12
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	661.89	76.25
		For Tempered Low-E Insulated Glass, Add	*102.06*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	416.91	52.36
		For Tempered Low-E Insulated Glass, Add	*62.44*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	538.94	64.31
		For Tempered Low-E Insulated Glass, Add	*82.25*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	557.62	65.69
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	584.89	68.45
		For Tempered Low-E Insulated Glass, Add	*89.60*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	604.33	70.74
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	642.45	73.96
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	680.57	78.09
		For Tempered Low-E Insulated Glass, Add	*105.06*	

08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	435.60	54.20
		For Tempered Low-E Insulated Glass, Add	*65.44*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	557.62	66.14
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	577.06	67.52
		For Tempered Low-E Insulated Glass, Add	*88.40*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	604.33	70.28
		For Tempered Low-E Insulated Glass, Add	*92.75*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	623.77	72.58
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	661.89	75.79
		For Tempered Low-E Insulated Glass, Add	*102.06*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	700.00	79.92
		For Tempered Low-E Insulated Glass, Add	*108.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1012		76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	455.03	56.04
		For Tempered Low-E Insulated Glass, Add	*68.59*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	577.06	67.98
		For Tempered Low-E Insulated Glass, Add	*88.40*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	595.74	69.36
		For Tempered Low-E Insulated Glass, Add	*91.40*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	623.77	72.12
		For Tempered Low-E Insulated Glass, Add	*95.91*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	642.45	74.41
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	680.57	77.63
		For Tempered Low-E Insulated Glass, Add	*105.06*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	718.69	81.76
		For Tempered Low-E Insulated Glass, Add	*111.22*	
08 52 16 00-1020		Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*		
08 52 16 00-1021		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	306.20	57.42
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-1025		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	355.75	65.69
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	363.77	67.07
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	306.20	57.88
		For Tempered Clear Insulated Glass, Add	*38.27*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	355.75	65.69
		For Tempered Clear Insulated Glass, Add	*44.88*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	314.21	58.80
		For Tempered Clear Insulated Glass, Add	*39.32*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	363.77	67.07
		For Tempered Clear Insulated Glass, Add	*45.93*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	396.55	72.58
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	396.55	72.58
		For Tempered Clear Insulated Glass, Add	*50.28*	
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	379.78	69.82
		For Tempered Clear Insulated Glass, Add	*48.03*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	168.27	36.75
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	175.39	36.75
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	181.65	36.75
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	18.52	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	27.29	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	37.03	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	46.78	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	66.27	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	29.63	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	43.66	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	59.26	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	74.85	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	106.04	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	35.55	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	52.39	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	71.11	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	89.82	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	127.24	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	42.67	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	62.87	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	85.33	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	107.78	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	152.69	

08 52 19 Wood Windows *(08 52)*

08 52 19 00-0001		Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19)* Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 19 00-0002		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 19 00-0001)*		
08 52 19 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	249.75	
		For Low-E Insulated Glass, Add	*19.48*	
		For Aluminum Clad Exterior, Add	*20.87*	
08 52 19 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	264.91	
		For Low-E Insulated Glass, Add	*20.88*	
		For Aluminum Clad Exterior, Add	*22.37*	
08 52 19 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	281.06	
		For Low-E Insulated Glass, Add	*22.42*	
		For Aluminum Clad Exterior, Add	*24.02*	
08 52 19 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	289.65	
		For Low-E Insulated Glass, Add	*23.26*	
		For Aluminum Clad Exterior, Add	*24.93*	
08 52 19 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	297.22	
		For Low-E Insulated Glass, Add	*23.96*	
		For Aluminum Clad Exterior, Add	*25.68*	
08 52 19 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	306.80	
		For Low-E Insulated Glass, Add	*24.95*	
		For Aluminum Clad Exterior, Add	*26.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	311.40	
		For Low-E Insulated Glass, Add	*25.23*	
		For Aluminum Clad Exterior, Add	*27.03*	
08 52 19 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	330.53	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	346.68	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	

08 52 19 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	264.91	
		For Low-E Insulated Glass, Add	*20.88*	
		For Aluminum Clad Exterior, Add	*22.37*	
08 52 19 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	281.06	
		For Low-E Insulated Glass, Add	*22.42*	
		For Aluminum Clad Exterior, Add	*24.02*	
08 52 19 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	294.65	
		For Low-E Insulated Glass, Add	*23.96*	
		For Aluminum Clad Exterior, Add	*25.68*	
08 52 19 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	306.80	
		For Low-E Insulated Glass, Add	*24.95*	
		For Aluminum Clad Exterior, Add	*26.73*	
08 52 19 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	314.37	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	322.96	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	330.53	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	346.68	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	362.85	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	

08 52 19 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	272.20	
		For Low-E Insulated Glass, Add	*21.72*	
		For Aluminum Clad Exterior, Add	*23.27*	
08 52 19 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	288.36	
		For Low-E Insulated Glass, Add	*23.26*	
		For Aluminum Clad Exterior, Add	*24.93*	
08 52 19 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	305.51	
		For Low-E Insulated Glass, Add	*24.95*	
		For Aluminum Clad Exterior, Add	*26.73*	
08 52 19 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	313.08	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	321.67	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	329.24	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	337.82	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	352.98	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	369.13	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	

08 52 19 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	282.35	
		For Low-E Insulated Glass, Add	*22.42*	
		For Aluminum Clad Exterior, Add	*24.02*	
08 52 19 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	298.50	
		For Low-E Insulated Glass, Add	*23.96*	
		For Aluminum Clad Exterior, Add	*25.68*	
08 52 19 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	315.66	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	324.24	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	331.81	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	340.39	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	347.97	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	364.13	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	380.29	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	

08 52 19 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	314.37	
		For Low-E Insulated Glass, Add	*25.65*	
		For Aluminum Clad Exterior, Add	*27.48*	
08 52 19 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	330.53	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	346.68	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	354.26	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	362.85	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	370.41	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	379.00	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	395.15	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	412.31	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	

08 52 19 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	321.67	
		For Low-E Insulated Glass, Add	*26.49*	
		For Aluminum Clad Exterior, Add	*28.38*	
08 52 19 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	337.82	
		For Low-E Insulated Glass, Add	*28.03*	
		For Aluminum Clad Exterior, Add	*30.03*	
08 52 19 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	352.98	
		For Low-E Insulated Glass, Add	*29.43*	
		For Aluminum Clad Exterior, Add	*31.53*	
08 52 19 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	361.56	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	369.13	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	377.71	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	385.29	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	402.44	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	418.61	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	

08 52 19 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	331.81	
		For Low-E Insulated Glass, Add	*27.19*	
		For Aluminum Clad Exterior, Add	*29.13*	
08 52 19 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	347.97	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	364.13	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	371.70	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	380.29	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	387.86	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	396.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	413.60	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	429.75	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	

08 52 19 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	347.97	
		For Low-E Insulated Glass, Add	*28.73*	
		For Aluminum Clad Exterior, Add	*30.78*	
08 52 19 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	364.13	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	380.29	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	387.86	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	396.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	405.01	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	413.60	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	429.75	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	445.91	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	

08 52 19 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	362.85	
		For Low-E Insulated Glass, Add	*30.27*	
		For Aluminum Clad Exterior, Add	*32.43*	
08 52 19 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	379.00	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	395.15	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	403.72	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	
08 52 19 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	412.31	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	419.89	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	428.46	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	444.62	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	459.77	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	

08 52 19 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	369.13	
		For Low-E Insulated Glass, Add	*30.97*	
		For Aluminum Clad Exterior, Add	*33.18*	
08 52 19 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	385.29	
		For Low-E Insulated Glass, Add	*32.51*	
		For Aluminum Clad Exterior, Add	*34.83*	
08 52 19 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	402.44	
		For Low-E Insulated Glass, Add	*34.19*	
		For Aluminum Clad Exterior, Add	*36.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	411.02	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	418.61	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	427.18	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	434.76	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	
08 52 19 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	450.92	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	467.07	
		For Low-E Insulated Glass, Add	*40.36*	
		For Aluminum Clad Exterior, Add	*43.24*	

08 52 19 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	380.29	
		For Low-E Insulated Glass, Add	*31.81*	
		For Aluminum Clad Exterior, Add	*34.08*	
08 52 19 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	396.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	413.60	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	421.18	
		For Low-E Insulated Glass, Add	*35.74*	
		For Aluminum Clad Exterior, Add	*38.29*	
08 52 19 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	429.75	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	437.33	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	
08 52 19 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	445.91	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	461.06	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	477.22	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	

08 52 19 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	396.44	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.74*	
08 52 19 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	413.60	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	429.75	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	437.33	
		For Low-E Insulated Glass, Add	*37.28*	
		For Aluminum Clad Exterior, Add	*39.94*	
08 52 19 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	445.91	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	453.49	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	461.06	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	477.22	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	
08 52 19 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	493.37	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	

08 52 19 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	412.31	
		For Low-E Insulated Glass, Add	*35.04*	
		For Aluminum Clad Exterior, Add	*37.54*	
08 52 19 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	428.46	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	444.62	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	452.20	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 19 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	459.77	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	471.32	
		For Low-E Insulated Glass, Add	*40.78*	
		For Aluminum Clad Exterior, Add	*43.69*	
08 52 19 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	476.98	
		For Low-E Insulated Glass, Add	*41.21*	
		For Aluminum Clad Exterior, Add	*44.15*	
08 52 19 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	492.08	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	509.25	
		For Low-E Insulated Glass, Add	*44.28*	
		For Aluminum Clad Exterior, Add	*47.45*	

08 52 19 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	429.75	
		For Low-E Insulated Glass, Add	*36.58*	
		For Aluminum Clad Exterior, Add	*39.19*	
08 52 19 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	445.91	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	461.06	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	469.64	
		For Low-E Insulated Glass, Add	*40.36*	
		For Aluminum Clad Exterior, Add	*43.24*	
08 52 19 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	477.22	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	
08 52 19 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	485.80	
		For Low-E Insulated Glass, Add	*41.90*	
		For Aluminum Clad Exterior, Add	*44.90*	
08 52 19 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	493.37	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	510.54	
		For Low-E Insulated Glass, Add	*44.28*	
		For Aluminum Clad Exterior, Add	*47.45*	
08 52 19 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	526.69	
		For Low-E Insulated Glass, Add	*45.83*	
		For Aluminum Clad Exterior, Add	*49.10*	

08 52 19 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows
(08 52 19 00-0001)

08 52 19 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	451.05	
		For Low-E Insulated Glass, Add	*38.12*	
		For Aluminum Clad Exterior, Add	*40.84*	
08 52 19 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	466.21	
		For Low-E Insulated Glass, Add	*39.52*	
		For Aluminum Clad Exterior, Add	*42.34*	
08 52 19 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	482.36	
		For Low-E Insulated Glass, Add	*41.06*	
		For Aluminum Clad Exterior, Add	*43.99*	
08 52 19 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	490.94	
		For Low-E Insulated Glass, Add	*41.90*	
		For Aluminum Clad Exterior, Add	*44.90*	
08 52 19 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	498.52	
		For Low-E Insulated Glass, Add	*42.60*	
		For Aluminum Clad Exterior, Add	*45.65*	
08 52 19 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	507.10	
		For Low-E Insulated Glass, Add	*43.44*	
		For Aluminum Clad Exterior, Add	*46.55*	
08 52 19 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	515.68	
		For Low-E Insulated Glass, Add	*44.28*	
		For Aluminum Clad Exterior, Add	*47.45*	
08 52 19 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	531.83	
		For Low-E Insulated Glass, Add	*45.83*	
		For Aluminum Clad Exterior, Add	*49.10*	
08 52 19 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	547.98	
		For Low-E Insulated Glass, Add	*47.37*	
		For Aluminum Clad Exterior, Add	*50.75*	

08 52 19 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 19)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	66.14	11.49
		For Insulating Glass, Add	*3.67*	
08 52 19 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	64.18	12.77
		For Insulating Glass, Add	*3.29*	
08 52 19 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	62.73	14.33
		For Insulating Glass, Add	*2.89*	

08 52 19 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 19)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 19 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	70.69	11.48
		For Insulating Glass, Add	*4.06*	
08 52 19 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	66.64	12.77
		For Insulating Glass, Add	*3.50*	
08 52 19 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	64.17	14.33
		For Insulating Glass, Add	*3.01*	

08 52 19 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 19)*

Note: Includes storage, cleaning and supply materials.

08 52 19 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	28.19	

08 52 66 Wood Window Screens *(08 52)*

08 52 66 00-0001 Insect Screens For Wood Clad Windows *(08 52 66)*

08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	28.73	6.80
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	33.05	6.80
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	35.22	6.80
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	39.54	6.80
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	48.18	6.80
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	52.51	6.80
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	56.83	6.80
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	61.15	6.80
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	1.82	0.14

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	172.51	42.26
		For Colored Vinyl, Add	*8.80*	
		For Tinted Glass, Add	*10.56*	
		For Low-E Insulated Glass, Add	*22.00*	
		For Obscure Glass, Add	*24.20*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	181.08	44.10
		For Colored Vinyl, Add	*9.29*	
		For Tinted Glass, Add	*11.15*	
		For Low-E Insulated Glass, Add	*23.22*	
		For Obscure Glass, Add	*25.54*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	184.81	45.02
		For Colored Vinyl, Add	*9.48*	
		For Tinted Glass, Add	*11.37*	
		For Low-E Insulated Glass, Add	*23.70*	
		For Obscure Glass, Add	*26.06*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	188.80	45.94
		For Colored Vinyl, Add	*9.69*	
		For Tinted Glass, Add	*11.63*	
		For Low-E Insulated Glass, Add	*24.23*	
		For Obscure Glass, Add	*26.66*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.46	47.78
		For Colored Vinyl, Add	*10.29*	
		For Tinted Glass, Add	*12.35*	
		For Low-E Insulated Glass, Add	*25.73*	
		For Obscure Glass, Add	*28.30*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.88	51.45
		For Colored Vinyl, Add	*11.20*	
		For Tinted Glass, Add	*13.44*	
		For Low-E Insulated Glass, Add	*28.00*	
		For Obscure Glass, Add	*30.79*	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	176.07	43.18
		For Colored Vinyl, Add	*8.97*	
		For Tinted Glass, Add	*10.77*	
		For Low-E Insulated Glass, Add	*22.43*	
		For Obscure Glass, Add	*24.67*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	184.65	44.10
		For Colored Vinyl, Add	*9.46*	
		For Tinted Glass, Add	*11.35*	
		For Low-E Insulated Glass, Add	*23.66*	
		For Obscure Glass, Add	*26.02*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	188.38	45.94
		For Colored Vinyl, Add	*9.65*	
		For Tinted Glass, Add	*11.58*	
		For Low-E Insulated Glass, Add	*24.13*	
		For Obscure Glass, Add	*26.54*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.35	46.85
		For Colored Vinyl, Add	*9.87*	
		For Tinted Glass, Add	*11.84*	
		For Low-E Insulated Glass, Add	*24.66*	
		For Obscure Glass, Add	*27.13*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.03	48.69
		For Colored Vinyl, Add	*10.47*	
		For Tinted Glass, Add	*12.56*	
		For Low-E Insulated Glass, Add	*26.16*	
		For Obscure Glass, Add	*28.78*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	218.44	52.36
		For Colored Vinyl, Add	*11.37*	
		For Tinted Glass, Add	*13.65*	
		For Low-E Insulated Glass, Add	*28.43*	
		For Obscure Glass, Add	*31.27*	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	179.55	44.10
		For Colored Vinyl, Add	*9.14*	
		For Tinted Glass, Add	*10.96*	
		For Low-E Insulated Glass, Add	*22.84*	
		For Obscure Glass, Add	*25.12*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	188.13	45.94
		For Colored Vinyl, Add	*9.63*	
		For Tinted Glass, Add	*11.55*	
		For Low-E Insulated Glass, Add	*24.07*	
		For Obscure Glass, Add	*26.47*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.97	46.85
		For Colored Vinyl, Add	*9.83*	
		For Tinted Glass, Add	*11.79*	
		For Low-E Insulated Glass, Add	*24.57*	
		For Obscure Glass, Add	*27.02*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.95	47.78
		For Colored Vinyl, Add	*10.04*	
		For Tinted Glass, Add	*12.05*	
		For Low-E Insulated Glass, Add	*25.10*	
		For Obscure Glass, Add	*27.61*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.74	49.61
		For Colored Vinyl, Add	*10.65*	
		For Tinted Glass, Add	*12.78*	
		For Low-E Insulated Glass, Add	*26.63*	
		For Obscure Glass, Add	*29.30*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.33	53.29
		For Colored Vinyl, Add	*11.58*	
		For Tinted Glass, Add	*13.89*	
		For Low-E Insulated Glass, Add	*28.94*	
		For Obscure Glass, Add	*31.83*	

08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	190.14	46.85
		For Colored Vinyl, Add	*9.64*	
		For Tinted Glass, Add	*11.57*	
		For Low-E Insulated Glass, Add	*24.11*	
		For Obscure Glass, Add	*26.52*	
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.73	48.69
		For Colored Vinyl, Add	*10.14*	
		For Tinted Glass, Add	*12.16*	
		For Low-E Insulated Glass, Add	*25.34*	
		For Obscure Glass, Add	*27.87*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.92	49.61
		For Colored Vinyl, Add	*10.37*	
		For Tinted Glass, Add	*12.45*	
		For Low-E Insulated Glass, Add	*25.93*	
		For Obscure Glass, Add	*28.52*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.91	50.53
		For Colored Vinyl, Add	*10.59*	
		For Tinted Glass, Add	*12.70*	
		For Low-E Insulated Glass, Add	*26.46*	
		For Obscure Glass, Add	*29.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.06	52.36
		For Colored Vinyl, Add	*11.23*	
		For Tinted Glass, Add	*13.48*	
		For Low-E Insulated Glass, Add	*28.08*	
		For Obscure Glass, Add	*30.89*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	234.09	56.04
		For Colored Vinyl, Add	*12.20*	
		For Tinted Glass, Add	*14.64*	
		For Low-E Insulated Glass, Add	*30.50*	
		For Obscure Glass, Add	*33.55*	
08 53 13 00-0031		46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	193.71	47.78
		For Colored Vinyl, Add	*9.82*	
		For Tinted Glass, Add	*11.78*	
		For Low-E Insulated Glass, Add	*24.54*	
		For Obscure Glass, Add	*27.00*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.28	49.61
		For Colored Vinyl, Add	*10.31*	
		For Tinted Glass, Add	*12.37*	
		For Low-E Insulated Glass, Add	*25.77*	
		For Obscure Glass, Add	*28.34*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.61	50.53
		For Colored Vinyl, Add	*10.56*	
		For Tinted Glass, Add	*12.67*	
		For Low-E Insulated Glass, Add	*26.39*	
		For Obscure Glass, Add	*29.03*	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	210.59	51.45
		For Colored Vinyl, Add	*10.77*	
		For Tinted Glass, Add	*12.92*	
		For Low-E Insulated Glass, Add	*26.92*	
		For Obscure Glass, Add	*29.61*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	220.85	53.29
		For Colored Vinyl, Add	*11.43*	
		For Tinted Glass, Add	*13.71*	
		For Low-E Insulated Glass, Add	*28.57*	
		For Obscure Glass, Add	*31.43*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	238.05	56.96
		For Colored Vinyl, Add	*12.41*	
		For Tinted Glass, Add	*14.90*	
		For Low-E Insulated Glass, Add	*31.03*	
		For Obscure Glass, Add	*34.14*	
08 53 13 00-0038		48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	197.30	48.69
		For Colored Vinyl, Add	*9.99*	
		For Tinted Glass, Add	*11.99*	
		For Low-E Insulated Glass, Add	*24.98*	
		For Obscure Glass, Add	*27.48*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	205.89	50.53
		For Colored Vinyl, Add	*10.48*	
		For Tinted Glass, Add	*12.58*	
		For Low-E Insulated Glass, Add	*26.21*	
		For Obscure Glass, Add	*28.83*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	210.31	51.45
		For Colored Vinyl, Add	*10.74*	
		For Tinted Glass, Add	*12.89*	
		For Low-E Insulated Glass, Add	*26.85*	
		For Obscure Glass, Add	*29.54*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.28	52.36
		For Colored Vinyl, Add	*10.96*	
		For Tinted Glass, Add	*13.15*	
		For Low-E Insulated Glass, Add	*27.39*	
		For Obscure Glass, Add	*30.13*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	224.68	54.20
		For Colored Vinyl, Add	*11.63*	
		For Tinted Glass, Add	*13.95*	
		For Low-E Insulated Glass, Add	*29.07*	
		For Obscure Glass, Add	*31.97*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	242.03	57.88
		For Colored Vinyl, Add	*12.63*	
		For Tinted Glass, Add	*15.15*	
		For Low-E Insulated Glass, Add	*31.57*	
		For Obscure Glass, Add	*34.72*	
08 53 13 00-0045		50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	200.78	49.61
		For Colored Vinyl, Add	*10.16*	
		For Tinted Glass, Add	*12.19*	
		For Low-E Insulated Glass, Add	*25.39*	
		For Obscure Glass, Add	*27.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	209.37	51.45
		For Colored Vinyl, Add	*10.65*	
		For Tinted Glass, Add	*12.78*	
		For Low-E Insulated Glass, Add	*26.62*	
		For Obscure Glass, Add	*29.28*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	213.91	52.36
		For Colored Vinyl, Add	*10.92*	
		For Tinted Glass, Add	*13.10*	
		For Low-E Insulated Glass, Add	*27.30*	
		For Obscure Glass, Add	*30.02*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.89	53.29
		For Colored Vinyl, Add	*11.13*	
		For Tinted Glass, Add	*13.36*	
		For Low-E Insulated Glass, Add	*27.83*	
		For Obscure Glass, Add	*30.61*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	228.39	55.12
		For Colored Vinyl, Add	*11.81*	
		For Tinted Glass, Add	*14.18*	
		For Low-E Insulated Glass, Add	*29.54*	
		For Obscure Glass, Add	*32.49*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	245.89	58.80
		For Colored Vinyl, Add	*12.83*	
		For Tinted Glass, Add	*15.40*	
		For Low-E Insulated Glass, Add	*32.08*	
		For Obscure Glass, Add	*35.28*	

08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	204.28	50.53
		For Colored Vinyl, Add	*10.32*	
		For Tinted Glass, Add	*12.39*	
		For Low-E Insulated Glass, Add	*25.81*	
		For Obscure Glass, Add	*28.39*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	212.86	52.36
		For Colored Vinyl, Add	*10.81*	
		For Tinted Glass, Add	*12.98*	
		For Low-E Insulated Glass, Add	*27.03*	
		For Obscure Glass, Add	*29.74*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.53	53.29
		For Colored Vinyl, Add	*11.10*	
		For Tinted Glass, Add	*13.32*	
		For Low-E Insulated Glass, Add	*27.74*	
		For Obscure Glass, Add	*30.51*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.51	54.20
		For Colored Vinyl, Add	*11.31*	
		For Tinted Glass, Add	*13.57*	
		For Low-E Insulated Glass, Add	*28.28*	
		For Obscure Glass, Add	*31.10*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	232.13	56.04
		For Colored Vinyl, Add	*12.01*	
		For Tinted Glass, Add	*14.41*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	249.79	59.72
		For Colored Vinyl, Add	*13.04*	
		For Tinted Glass, Add	*15.64*	
		For Low-E Insulated Glass, Add	*32.59*	
		For Obscure Glass, Add	*35.85*	

08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	207.78	51.45
		For Colored Vinyl, Add	*10.49*	
		For Tinted Glass, Add	*12.59*	
		For Low-E Insulated Glass, Add	*26.22*	
		For Obscure Glass, Add	*28.84*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	216.36	53.29
		For Colored Vinyl, Add	*10.98*	
		For Tinted Glass, Add	*13.17*	
		For Low-E Insulated Glass, Add	*27.45*	
		For Obscure Glass, Add	*30.19*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.14	54.20
		For Colored Vinyl, Add	*11.27*	
		For Tinted Glass, Add	*13.53*	
		For Low-E Insulated Glass, Add	*28.18*	
		For Obscure Glass, Add	*31.00*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	225.12	55.12
		For Colored Vinyl, Add	*11.49*	
		For Tinted Glass, Add	*13.78*	
		For Low-E Insulated Glass, Add	*28.72*	
		For Obscure Glass, Add	*31.59*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.85	56.96
		For Colored Vinyl, Add	*12.19*	
		For Tinted Glass, Add	*14.63*	
		For Low-E Insulated Glass, Add	*30.48*	
		For Obscure Glass, Add	*33.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	253.66	60.63
		For Colored Vinyl, Add	*13.24*	
		For Tinted Glass, Add	*15.89*	
		For Low-E Insulated Glass, Add	*33.10*	
		For Obscure Glass, Add	*36.41*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	218.47	54.20
		For Colored Vinyl, Add	*11.01*	
		For Tinted Glass, Add	*13.21*	
		For Low-E Insulated Glass, Add	*27.52*	
		For Obscure Glass, Add	*30.27*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	227.05	56.04
		For Colored Vinyl, Add	*11.50*	
		For Tinted Glass, Add	*13.80*	
		For Low-E Insulated Glass, Add	*28.74*	
		For Obscure Glass, Add	*31.62*	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	232.16	56.96
		For Colored Vinyl, Add	*11.82*	
		For Tinted Glass, Add	*14.19*	
		For Low-E Insulated Glass, Add	*29.56*	
		For Obscure Glass, Add	*32.52*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	236.14	57.88
		For Colored Vinyl, Add	*12.04*	
		For Tinted Glass, Add	*14.45*	
		For Low-E Insulated Glass, Add	*30.10*	
		For Obscure Glass, Add	*33.10*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.23	59.72
		For Colored Vinyl, Add	*12.78*	
		For Tinted Glass, Add	*15.34*	
		For Low-E Insulated Glass, Add	*31.95*	
		For Obscure Glass, Add	*35.15*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	265.51	63.39
		For Colored Vinyl, Add	*13.87*	
		For Tinted Glass, Add	*16.65*	
		For Low-E Insulated Glass, Add	*34.68*	
		For Obscure Glass, Add	*38.15*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.97	55.12
		For Colored Vinyl, Add	*11.17*	
		For Tinted Glass, Add	*13.41*	
		For Low-E Insulated Glass, Add	*27.93*	
		For Obscure Glass, Add	*30.72*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	230.55	56.96
		For Colored Vinyl, Add	*11.66*	
		For Tinted Glass, Add	*14.00*	
		For Low-E Insulated Glass, Add	*29.16*	
		For Obscure Glass, Add	*32.07*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	235.80	57.88
		For Colored Vinyl, Add	*12.00*	
		For Tinted Glass, Add	*14.40*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.77	58.80
		For Colored Vinyl, Add	*12.22*	
		For Tinted Glass, Add	*14.66*	
		For Low-E Insulated Glass, Add	*30.55*	
		For Obscure Glass, Add	*33.60*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	250.98	60.63
		For Colored Vinyl, Add	*12.97*	
		For Tinted Glass, Add	*15.57*	
		For Low-E Insulated Glass, Add	*32.43*	
		For Obscure Glass, Add	*35.67*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	269.42	64.31
		For Colored Vinyl, Add	*14.08*	
		For Tinted Glass, Add	*16.90*	
		For Low-E Insulated Glass, Add	*35.20*	
		For Obscure Glass, Add	*38.72*	

08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	229.04	56.96
		For Colored Vinyl, Add	*11.51*	
		For Tinted Glass, Add	*13.81*	
		For Low-E Insulated Glass, Add	*28.78*	
		For Obscure Glass, Add	*31.66*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	237.61	58.80
		For Colored Vinyl, Add	*12.00*	
		For Tinted Glass, Add	*14.40*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	243.09	59.72
		For Colored Vinyl, Add	*12.37*	
		For Tinted Glass, Add	*14.84*	
		For Low-E Insulated Glass, Add	*30.92*	
		For Obscure Glass, Add	*34.01*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.07	60.63
		For Colored Vinyl, Add	*12.58*	
		For Tinted Glass, Add	*15.10*	
		For Low-E Insulated Glass, Add	*31.45*	
		For Obscure Glass, Add	*34.60*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	258.52	62.47
		For Colored Vinyl, Add	*13.36*	
		For Tinted Glass, Add	*16.03*	
		For Low-E Insulated Glass, Add	*33.40*	
		For Obscure Glass, Add	*36.73*	
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	277.26	66.14
		For Colored Vinyl, Add	*14.50*	
		For Tinted Glass, Add	*17.40*	
		For Low-E Insulated Glass, Add	*36.24*	
		For Obscure Glass, Add	*39.86*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	239.73	59.72
		For Colored Vinyl, Add	*12.03*	
		For Tinted Glass, Add	*14.44*	
		For Low-E Insulated Glass, Add	*30.08*	
		For Obscure Glass, Add	*33.08*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	248.30	61.56
		For Colored Vinyl, Add	*12.52*	
		For Tinted Glass, Add	*15.02*	
		For Low-E Insulated Glass, Add	*31.30*	
		For Obscure Glass, Add	*34.43*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	253.78	62.47
		For Colored Vinyl, Add	*12.88*	
		For Tinted Glass, Add	*15.46*	
		For Low-E Insulated Glass, Add	*32.21*	
		For Obscure Glass, Add	*35.43*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	257.76	63.39
		For Colored Vinyl, Add	*13.10*	
		For Tinted Glass, Add	*15.72*	
		For Low-E Insulated Glass, Add	*32.75*	
		For Obscure Glass, Add	*36.02*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	269.22	65.23
		For Colored Vinyl, Add	*13.88*	
		For Tinted Glass, Add	*16.65*	
		For Low-E Insulated Glass, Add	*34.69*	
		For Obscure Glass, Add	*38.16*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	287.95	68.90
		For Colored Vinyl, Add	*15.01*	
		For Tinted Glass, Add	*18.02*	
		For Low-E Insulated Glass, Add	*37.54*	
		For Obscure Glass, Add	*41.29*	

08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	237.65	48.23
		For Colored Vinyl, Add	*14.12*	
		For Tinted Glass, Add	*16.94*	
		For Low-E Insulated Glass, Add	*35.30*	
		For Obscure Glass, Add	*38.83*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	260.45	52.83
		For Colored Vinyl, Add	*15.48*	
		For Tinted Glass, Add	*18.58*	
		For Low-E Insulated Glass, Add	*38.70*	
		For Obscure Glass, Add	*42.57*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	281.86	57.42
		For Colored Vinyl, Add	*16.70*	
		For Tinted Glass, Add	*20.04*	
		For Low-E Insulated Glass, Add	*41.76*	
		For Obscure Glass, Add	*45.93*	
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	298.44	62.01
		For Colored Vinyl, Add	*17.44*	
		For Tinted Glass, Add	*20.93*	
		For Low-E Insulated Glass, Add	*43.60*	
		For Obscure Glass, Add	*47.96*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	315.57	66.61
		For Colored Vinyl, Add	*18.24*	
		For Tinted Glass, Add	*21.88*	
		For Low-E Insulated Glass, Add	*45.59*	
		For Obscure Glass, Add	*50.15*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	341.33	71.20
		For Colored Vinyl, Add	*19.89*	
		For Tinted Glass, Add	*23.87*	
		For Low-E Insulated Glass, Add	*49.73*	
		For Obscure Glass, Add	*54.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	2.86	0.59
		For Colored Vinyl, Add	*0.17*	
		For Tinted Glass, Add	*0.20*	
		For Low-E Insulated Glass, Add	*0.42*	
		For Obscure Glass, Add	*0.46*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	225.65	42.26
		For Colored Vinyl, Add	*14.11*	
		For Tinted Glass, Add	*16.94*	
		For Low-E Insulated Glass, Add	*35.28*	
		For Obscure Glass, Add	*38.81*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	234.23	44.10
		For Colored Vinyl, Add	*14.60*	
		For Tinted Glass, Add	*17.52*	
		For Low-E Insulated Glass, Add	*36.51*	
		For Obscure Glass, Add	*40.16*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	238.42	45.02
		For Colored Vinyl, Add	*14.84*	
		For Tinted Glass, Add	*17.81*	
		For Low-E Insulated Glass, Add	*37.10*	
		For Obscure Glass, Add	*40.81*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	242.40	45.94
		For Colored Vinyl, Add	*15.05*	
		For Tinted Glass, Add	*18.06*	
		For Low-E Insulated Glass, Add	*37.63*	
		For Obscure Glass, Add	*41.40*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	251.61	47.78
		For Colored Vinyl, Add	*15.61*	
		For Tinted Glass, Add	*18.73*	
		For Low-E Insulated Glass, Add	*39.02*	
		For Obscure Glass, Add	*42.92*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	267.44	51.45
		For Colored Vinyl, Add	*16.45*	
		For Tinted Glass, Add	*19.74*	
		For Low-E Insulated Glass, Add	*41.14*	
		For Obscure Glass, Add	*45.25*	

08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	229.22	43.18
		For Colored Vinyl, Add	*14.29*	
		For Tinted Glass, Add	*17.14*	
		For Low-E Insulated Glass, Add	*35.72*	
		For Obscure Glass, Add	*39.29*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	237.79	45.02
		For Colored Vinyl, Add	*14.78*	
		For Tinted Glass, Add	*17.73*	
		For Low-E Insulated Glass, Add	*36.94*	
		For Obscure Glass, Add	*40.63*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	241.98	45.94
		For Colored Vinyl, Add	*15.01*	
		For Tinted Glass, Add	*18.01*	
		For Low-E Insulated Glass, Add	*37.53*	
		For Obscure Glass, Add	*41.28*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	245.95	46.85
		For Colored Vinyl, Add	*15.23*	
		For Tinted Glass, Add	*18.27*	
		For Low-E Insulated Glass, Add	*38.06*	
		For Obscure Glass, Add	*41.87*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.17	48.69
		For Colored Vinyl, Add	*15.78*	
		For Tinted Glass, Add	*18.93*	
		For Low-E Insulated Glass, Add	*39.45*	
		For Obscure Glass, Add	*43.39*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	270.99	52.36
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.95*	
		For Low-E Insulated Glass, Add	*41.57*	
		For Obscure Glass, Add	*45.72*	

08 53 13 00-0118 38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	232.53	44.10
		For Colored Vinyl, Add	*14.43*	
		For Tinted Glass, Add	*17.32*	
		For Low-E Insulated Glass, Add	*36.09*	
		For Obscure Glass, Add	*39.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	241.11	45.94
		For Colored Vinyl, Add	*14.92*	
		For Tinted Glass, Add	*17.91*	
		For Low-E Insulated Glass, Add	*37.31*	
		For Obscure Glass, Add	*41.04*	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	245.39	46.85
		For Colored Vinyl, Add	*15.17*	
		For Tinted Glass, Add	*18.20*	
		For Low-E Insulated Glass, Add	*37.92*	
		For Obscure Glass, Add	*41.71*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	249.37	47.78
		For Colored Vinyl, Add	*15.38*	
		For Tinted Glass, Add	*18.46*	
		For Low-E Insulated Glass, Add	*38.46*	
		For Obscure Glass, Add	*42.30*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	258.72	49.61
		For Colored Vinyl, Add	*15.95*	
		For Tinted Glass, Add	*19.14*	
		For Low-E Insulated Glass, Add	*39.88*	
		For Obscure Glass, Add	*43.87*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.68	53.29
		For Colored Vinyl, Add	*16.81*	
		For Tinted Glass, Add	*20.17*	
		For Low-E Insulated Glass, Add	*42.03*	
		For Obscure Glass, Add	*46.23*	

08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	243.41	46.85
		For Colored Vinyl, Add	*14.97*	
		For Tinted Glass, Add	*17.97*	
		For Low-E Insulated Glass, Add	*37.43*	
		For Obscure Glass, Add	*41.17*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	252.00	48.69
		For Colored Vinyl, Add	*15.46*	
		For Tinted Glass, Add	*18.55*	
		For Low-E Insulated Glass, Add	*38.66*	
		For Obscure Glass, Add	*42.52*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.71	49.61
		For Colored Vinyl, Add	*15.65*	
		For Tinted Glass, Add	*18.78*	
		For Low-E Insulated Glass, Add	*39.13*	
		For Obscure Glass, Add	*43.04*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	259.70	50.53
		For Colored Vinyl, Add	*15.86*	
		For Tinted Glass, Add	*19.04*	
		For Low-E Insulated Glass, Add	*39.66*	
		For Obscure Glass, Add	*43.63*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	269.35	52.36
		For Colored Vinyl, Add	*16.46*	
		For Tinted Glass, Add	*19.75*	
		For Low-E Insulated Glass, Add	*41.16*	
		For Obscure Glass, Add	*45.27*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	286.00	56.04
		For Colored Vinyl, Add	*17.39*	
		For Tinted Glass, Add	*20.87*	
		For Low-E Insulated Glass, Add	*43.48*	
		For Obscure Glass, Add	*47.83*	

08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	246.72	47.78
		For Colored Vinyl, Add	*15.12*	
		For Tinted Glass, Add	*18.14*	
		For Low-E Insulated Glass, Add	*37.80*	
		For Obscure Glass, Add	*41.57*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.29	49.61
		For Colored Vinyl, Add	*15.61*	
		For Tinted Glass, Add	*18.73*	
		For Low-E Insulated Glass, Add	*39.02*	
		For Obscure Glass, Add	*42.92*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	259.17	50.53
		For Colored Vinyl, Add	*15.81*	
		For Tinted Glass, Add	*18.97*	
		For Low-E Insulated Glass, Add	*39.53*	
		For Obscure Glass, Add	*43.48*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	263.15	51.45
		For Colored Vinyl, Add	*16.03*	
		For Tinted Glass, Add	*19.23*	
		For Low-E Insulated Glass, Add	*40.06*	
		For Obscure Glass, Add	*44.07*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	272.90	53.29
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.96*	
		For Low-E Insulated Glass, Add	*41.58*	
		For Obscure Glass, Add	*45.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	289.96	56.96
		For Colored Vinyl, Add	*17.60*	
		For Tinted Glass, Add	*21.12*	
		For Low-E Insulated Glass, Add	*44.01*	
		For Obscure Glass, Add	*48.41*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	250.05	48.69
		For Colored Vinyl, Add	*15.27*	
		For Tinted Glass, Add	*18.32*	
		For Low-E Insulated Glass, Add	*38.17*	
		For Obscure Glass, Add	*41.98*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	258.63	50.53
		For Colored Vinyl, Add	*15.76*	
		For Tinted Glass, Add	*18.91*	
		For Low-E Insulated Glass, Add	*39.39*	
		For Obscure Glass, Add	*43.33*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	262.59	51.45
		For Colored Vinyl, Add	*15.97*	
		For Tinted Glass, Add	*19.16*	
		For Low-E Insulated Glass, Add	*39.92*	
		For Obscure Glass, Add	*43.91*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	266.56	52.36
		For Colored Vinyl, Add	*16.18*	
		For Tinted Glass, Add	*19.42*	
		For Low-E Insulated Glass, Add	*40.46*	
		For Obscure Glass, Add	*44.50*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	276.45	54.20
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.16*	
		For Low-E Insulated Glass, Add	*42.01*	
		For Obscure Glass, Add	*46.21*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	293.88	57.88
		For Colored Vinyl, Add	*17.81*	
		For Tinted Glass, Add	*21.37*	
		For Low-E Insulated Glass, Add	*44.53*	
		For Obscure Glass, Add	*48.98*	

08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	253.34	49.61
		For Colored Vinyl, Add	*15.41*	
		For Tinted Glass, Add	*18.50*	
		For Low-E Insulated Glass, Add	*38.53*	
		For Obscure Glass, Add	*42.39*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	261.94	51.45
		For Colored Vinyl, Add	*15.90*	
		For Tinted Glass, Add	*19.08*	
		For Low-E Insulated Glass, Add	*39.76*	
		For Obscure Glass, Add	*43.74*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	266.02	52.36
		For Colored Vinyl, Add	*16.13*	
		For Tinted Glass, Add	*19.35*	
		For Low-E Insulated Glass, Add	*40.32*	
		For Obscure Glass, Add	*44.35*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	270.00	53.29
		For Colored Vinyl, Add	*16.34*	
		For Tinted Glass, Add	*19.61*	
		For Low-E Insulated Glass, Add	*40.86*	
		For Obscure Glass, Add	*44.94*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	280.01	55.12
		For Colored Vinyl, Add	*16.98*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.44*	
		For Obscure Glass, Add	*46.68*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	297.82	58.80
		For Colored Vinyl, Add	*18.02*	
		For Tinted Glass, Add	*21.63*	
		For Low-E Insulated Glass, Add	*45.06*	
		For Obscure Glass, Add	*49.56*	

08 53 13 00-0153 52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	256.67	50.53
		For Colored Vinyl, Add	*15.56*	
		For Tinted Glass, Add	*18.67*	
		For Low-E Insulated Glass, Add	*38.90*	
		For Obscure Glass, Add	*42.79*	
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	265.25	52.36
		For Colored Vinyl, Add	*16.05*	
		For Tinted Glass, Add	*19.26*	
		For Low-E Insulated Glass, Add	*40.13*	
		For Obscure Glass, Add	*44.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	269.43	53.29
		For Colored Vinyl, Add	*16.29*	
		For Tinted Glass, Add	*19.54*	
		For Low-E Insulated Glass, Add	*40.72*	
		For Obscure Glass, Add	*44.79*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	273.42	54.20
		For Colored Vinyl, Add	*16.50*	
		For Tinted Glass, Add	*19.80*	
		For Low-E Insulated Glass, Add	*41.25*	
		For Obscure Glass, Add	*45.38*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	283.79	56.04
		For Colored Vinyl, Add	*17.17*	
		For Tinted Glass, Add	*20.61*	
		For Low-E Insulated Glass, Add	*42.93*	
		For Obscure Glass, Add	*47.22*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	301.72	59.72
		For Colored Vinyl, Add	*18.23*	
		For Tinted Glass, Add	*21.87*	
		For Low-E Insulated Glass, Add	*45.57*	
		For Obscure Glass, Add	*50.13*	
08 53 13 00-0160		54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	260.00	51.45
		For Colored Vinyl, Add	*15.71*	
		For Tinted Glass, Add	*18.85*	
		For Low-E Insulated Glass, Add	*39.28*	
		For Obscure Glass, Add	*43.20*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	268.58	53.29
		For Colored Vinyl, Add	*16.20*	
		For Tinted Glass, Add	*19.44*	
		For Low-E Insulated Glass, Add	*40.50*	
		For Obscure Glass, Add	*44.55*	
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	272.89	54.20
		For Colored Vinyl, Add	*16.45*	
		For Tinted Glass, Add	*19.74*	
		For Low-E Insulated Glass, Add	*41.12*	
		For Obscure Glass, Add	*45.23*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	276.87	55.12
		For Colored Vinyl, Add	*16.66*	
		For Tinted Glass, Add	*19.99*	
		For Low-E Insulated Glass, Add	*41.66*	
		For Obscure Glass, Add	*45.82*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	287.57	56.96
		For Colored Vinyl, Add	*17.37*	
		For Tinted Glass, Add	*20.84*	
		For Low-E Insulated Glass, Add	*43.41*	
		For Obscure Glass, Add	*47.75*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	305.63	60.63
		For Colored Vinyl, Add	*18.44*	
		For Tinted Glass, Add	*22.12*	
		For Low-E Insulated Glass, Add	*46.09*	
		For Obscure Glass, Add	*50.70*	
08 53 13 00-0167		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	269.98	54.20
		For Colored Vinyl, Add	*16.16*	
		For Tinted Glass, Add	*19.39*	
		For Low-E Insulated Glass, Add	*40.39*	
		For Obscure Glass, Add	*44.43*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	278.55	56.04
		For Colored Vinyl, Add	*16.65*	
		For Tinted Glass, Add	*19.98*	
		For Low-E Insulated Glass, Add	*41.62*	
		For Obscure Glass, Add	*45.78*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	283.68	56.96
		For Colored Vinyl, Add	*16.98*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.44*	
		For Obscure Glass, Add	*46.68*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	287.66	57.88
		For Colored Vinyl, Add	*17.19*	
		For Tinted Glass, Add	*20.63*	
		For Low-E Insulated Glass, Add	*42.98*	
		For Obscure Glass, Add	*47.27*	
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	298.89	59.72
		For Colored Vinyl, Add	*17.95*	
		For Tinted Glass, Add	*21.54*	
		For Low-E Insulated Glass, Add	*44.87*	
		For Obscure Glass, Add	*49.35*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	317.38	63.39
		For Colored Vinyl, Add	*19.06*	
		For Tinted Glass, Add	*22.87*	
		For Low-E Insulated Glass, Add	*47.65*	
		For Obscure Glass, Add	*52.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0174		62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	273.29	55.12
		For Colored Vinyl, Add	*16.30*	
		For Tinted Glass, Add	*19.56*	
		For Low-E Insulated Glass, Add	*40.76*	
		For Obscure Glass, Add	*44.84*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	281.87	56.96
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.15*	
		For Low-E Insulated Glass, Add	*41.99*	
		For Obscure Glass, Add	*46.19*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	287.33	57.88
		For Colored Vinyl, Add	*17.16*	
		For Tinted Glass, Add	*20.59*	
		For Low-E Insulated Glass, Add	*42.89*	
		For Obscure Glass, Add	*47.18*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.30	58.80
		For Colored Vinyl, Add	*17.37*	
		For Tinted Glass, Add	*20.85*	
		For Low-E Insulated Glass, Add	*43.43*	
		For Obscure Glass, Add	*47.77*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	302.65	60.63
		For Colored Vinyl, Add	*18.14*	
		For Tinted Glass, Add	*21.77*	
		For Low-E Insulated Glass, Add	*45.35*	
		For Obscure Glass, Add	*49.88*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.57	64.31
		For Colored Vinyl, Add	*19.30*	
		For Tinted Glass, Add	*23.15*	
		For Low-E Insulated Glass, Add	*48.24*	
		For Obscure Glass, Add	*53.06*	
08 53 13 00-0181		66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	280.42	56.96
		For Colored Vinyl, Add	*16.65*	
		For Tinted Glass, Add	*19.98*	
		For Low-E Insulated Glass, Add	*41.63*	
		For Obscure Glass, Add	*45.79*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.99	58.80
		For Colored Vinyl, Add	*17.14*	
		For Tinted Glass, Add	*20.57*	
		For Low-E Insulated Glass, Add	*42.85*	
		For Obscure Glass, Add	*47.14*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	294.63	59.72
		For Colored Vinyl, Add	*17.52*	
		For Tinted Glass, Add	*21.02*	
		For Low-E Insulated Glass, Add	*43.80*	
		For Obscure Glass, Add	*48.18*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	298.61	60.63
		For Colored Vinyl, Add	*17.73*	
		For Tinted Glass, Add	*21.28*	
		For Low-E Insulated Glass, Add	*44.34*	
		For Obscure Glass, Add	*48.77*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	310.21	62.47
		For Colored Vinyl, Add	*18.53*	
		For Tinted Glass, Add	*22.23*	
		For Low-E Insulated Glass, Add	*46.32*	
		For Obscure Glass, Add	*50.95*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	329.73	66.14
		For Colored Vinyl, Add	*19.74*	
		For Tinted Glass, Add	*23.69*	
		For Low-E Insulated Glass, Add	*49.36*	
		For Obscure Glass, Add	*54.29*	
08 53 13 00-0188		72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.11	59.72
		For Colored Vinyl, Add	*17.17*	
		For Tinted Glass, Add	*20.60*	
		For Low-E Insulated Glass, Add	*42.92*	
		For Obscure Glass, Add	*47.21*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	299.68	61.56
		For Colored Vinyl, Add	*17.66*	
		For Tinted Glass, Add	*21.19*	
		For Low-E Insulated Glass, Add	*44.15*	
		For Obscure Glass, Add	*48.56*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	305.32	62.47
		For Colored Vinyl, Add	*18.04*	
		For Tinted Glass, Add	*21.65*	
		For Low-E Insulated Glass, Add	*45.10*	
		For Obscure Glass, Add	*49.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	309.30	63.39
		For Colored Vinyl, Add	*18.25*	
		For Tinted Glass, Add	*21.90*	
		For Low-E Insulated Glass, Add	*45.63*	
		For Obscure Glass, Add	*50.19*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.91	65.23
		For Colored Vinyl, Add	*19.05*	
		For Tinted Glass, Add	*22.85*	
		For Low-E Insulated Glass, Add	*47.61*	
		For Obscure Glass, Add	*52.37*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	340.42	68.90
		For Colored Vinyl, Add	*20.26*	
		For Tinted Glass, Add	*24.31*	
		For Low-E Insulated Glass, Add	*50.65*	
		For Obscure Glass, Add	*55.72*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	272.95	48.23
		For Colored Vinyl, Add	*17.65*	
		For Tinted Glass, Add	*21.18*	
		For Low-E Insulated Glass, Add	*44.12*	
		For Obscure Glass, Add	*48.53*	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	300.58	52.83
		For Colored Vinyl, Add	*19.49*	
		For Tinted Glass, Add	*23.39*	
		For Low-E Insulated Glass, Add	*48.73*	
		For Obscure Glass, Add	*53.61*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	326.83	57.42
		For Colored Vinyl, Add	*21.20*	
		For Tinted Glass, Add	*25.44*	
		For Low-E Insulated Glass, Add	*53.00*	
		For Obscure Glass, Add	*58.30*	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	347.28	62.01
		For Colored Vinyl, Add	*22.33*	
		For Tinted Glass, Add	*26.79*	
		For Low-E Insulated Glass, Add	*55.81*	
		For Obscure Glass, Add	*61.39*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	368.75	66.61
		For Colored Vinyl, Add	*23.55*	
		For Tinted Glass, Add	*28.26*	
		For Low-E Insulated Glass, Add	*58.89*	
		For Obscure Glass, Add	*64.77*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	399.36	71.20
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.24*	
		For Obscure Glass, Add	*70.66*	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	3.34	0.59
		For Colored Vinyl, Add	*0.21*	
		For Tinted Glass, Add	*0.26*	
		For Low-E Insulated Glass, Add	*0.54*	
		For Obscure Glass, Add	*0.59*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	201.88	34.91
		For Colored Vinyl, Add	*13.30*	
		For Tinted Glass, Add	*15.96*	
		For Low-E Insulated Glass, Add	*33.25*	
		For Obscure Glass, Add	*36.57*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	209.13	35.83
		For Colored Vinyl, Add	*13.75*	
		For Tinted Glass, Add	*16.50*	
		For Low-E Insulated Glass, Add	*34.37*	
		For Obscure Glass, Add	*37.80*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	217.30	37.67
		For Colored Vinyl, Add	*14.20*	
		For Tinted Glass, Add	*17.04*	
		For Low-E Insulated Glass, Add	*35.49*	
		For Obscure Glass, Add	*39.04*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	230.41	39.51
		For Colored Vinyl, Add	*15.14*	
		For Tinted Glass, Add	*18.17*	
		For Low-E Insulated Glass, Add	*37.85*	
		For Obscure Glass, Add	*41.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0211		28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	213.92	36.75
		For Colored Vinyl, Add	*14.13*	
		For Tinted Glass, Add	*16.96*	
		For Low-E Insulated Glass, Add	*35.34*	
		For Obscure Glass, Add	*38.87*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	221.68	37.67
		For Colored Vinyl, Add	*14.63*	
		For Tinted Glass, Add	*17.56*	
		For Low-E Insulated Glass, Add	*36.59*	
		For Obscure Glass, Add	*40.24*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	230.34	39.51
		For Colored Vinyl, Add	*15.13*	
		For Tinted Glass, Add	*18.16*	
		For Low-E Insulated Glass, Add	*37.83*	
		For Obscure Glass, Add	*41.62*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	244.05	41.34
		For Colored Vinyl, Add	*16.14*	
		For Tinted Glass, Add	*19.36*	
		For Low-E Insulated Glass, Add	*40.34*	
		For Obscure Glass, Add	*44.38*	
08 53 13 00-0216		36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	229.33	39.51
		For Colored Vinyl, Add	*15.03*	
		For Tinted Glass, Add	*18.04*	
		For Low-E Insulated Glass, Add	*37.58*	
		For Obscure Glass, Add	*41.34*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	237.33	41.34
		For Colored Vinyl, Add	*15.56*	
		For Tinted Glass, Add	*18.67*	
		For Low-E Insulated Glass, Add	*38.89*	
		For Obscure Glass, Add	*42.78*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	246.27	42.72
		For Colored Vinyl, Add	*16.08*	
		For Tinted Glass, Add	*19.30*	
		For Low-E Insulated Glass, Add	*40.21*	
		For Obscure Glass, Add	*44.23*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	260.48	44.56
		For Colored Vinyl, Add	*17.14*	
		For Tinted Glass, Add	*20.56*	
		For Low-E Insulated Glass, Add	*42.84*	
		For Obscure Glass, Add	*47.12*	
08 53 13 00-0221		40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	242.58	42.26
		For Colored Vinyl, Add	*15.90*	
		For Tinted Glass, Add	*19.08*	
		For Low-E Insulated Glass, Add	*39.75*	
		For Obscure Glass, Add	*43.72*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	250.95	43.18
		For Colored Vinyl, Add	*16.46*	
		For Tinted Glass, Add	*19.75*	
		For Low-E Insulated Glass, Add	*41.15*	
		For Obscure Glass, Add	*45.26*	
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	260.23	45.02
		For Colored Vinyl, Add	*17.02*	
		For Tinted Glass, Add	*20.42*	
		For Low-E Insulated Glass, Add	*42.55*	
		For Obscure Glass, Add	*46.81*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	275.42	46.85
		For Colored Vinyl, Add	*18.17*	
		For Tinted Glass, Add	*21.81*	
		For Low-E Insulated Glass, Add	*45.43*	
		For Obscure Glass, Add	*49.97*	
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	258.68	45.94
		For Colored Vinyl, Add	*16.77*	
		For Tinted Glass, Add	*20.13*	
		For Low-E Insulated Glass, Add	*41.93*	
		For Obscure Glass, Add	*46.13*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	267.34	46.85
		For Colored Vinyl, Add	*17.36*	
		For Tinted Glass, Add	*20.84*	
		For Low-E Insulated Glass, Add	*43.41*	
		For Obscure Glass, Add	*47.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	276.95	48.69
		For Colored Vinyl, Add	*17.96*	
		For Tinted Glass, Add	*21.55*	
		For Low-E Insulated Glass, Add	*44.89*	
		For Obscure Glass, Add	*49.38*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	293.46	50.53
		For Colored Vinyl, Add	*19.24*	
		For Tinted Glass, Add	*23.09*	
		For Low-E Insulated Glass, Add	*48.10*	
		For Obscure Glass, Add	*52.91*	

08 53 13 00-0231 52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	271.06	47.78
		For Colored Vinyl, Add	*17.64*	
		For Tinted Glass, Add	*21.17*	
		For Low-E Insulated Glass, Add	*44.11*	
		For Obscure Glass, Add	*48.52*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	280.14	48.69
		For Colored Vinyl, Add	*18.28*	
		For Tinted Glass, Add	*21.93*	
		For Low-E Insulated Glass, Add	*45.69*	
		For Obscure Glass, Add	*50.26*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	290.13	50.53
		For Colored Vinyl, Add	*18.91*	
		For Tinted Glass, Add	*22.69*	
		For Low-E Insulated Glass, Add	*47.27*	
		For Obscure Glass, Add	*51.99*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	306.88	52.36
		For Colored Vinyl, Add	*20.22*	
		For Tinted Glass, Add	*24.26*	
		For Low-E Insulated Glass, Add	*50.54*	
		For Obscure Glass, Add	*55.59*	

08 53 13 00-0236 60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	286.19	50.53
		For Colored Vinyl, Add	*18.51*	
		For Tinted Glass, Add	*22.22*	
		For Low-E Insulated Glass, Add	*46.28*	
		For Obscure Glass, Add	*50.91*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	295.67	52.36
		For Colored Vinyl, Add	*19.19*	
		For Tinted Glass, Add	*23.02*	
		For Low-E Insulated Glass, Add	*47.97*	
		For Obscure Glass, Add	*52.76*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	306.08	53.74
		For Colored Vinyl, Add	*19.86*	
		For Tinted Glass, Add	*23.83*	
		For Low-E Insulated Glass, Add	*49.65*	
		For Obscure Glass, Add	*54.61*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	323.07	55.58
		For Colored Vinyl, Add	*21.19*	
		For Tinted Glass, Add	*25.43*	
		For Low-E Insulated Glass, Add	*52.98*	
		For Obscure Glass, Add	*58.28*	

08 53 13 00-0241 64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	299.28	53.29
		For Colored Vinyl, Add	*19.36*	
		For Tinted Glass, Add	*23.24*	
		For Low-E Insulated Glass, Add	*48.41*	
		For Obscure Glass, Add	*53.25*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	308.97	54.20
		For Colored Vinyl, Add	*20.06*	
		For Tinted Glass, Add	*24.07*	
		For Low-E Insulated Glass, Add	*50.14*	
		For Obscure Glass, Add	*55.15*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	319.93	56.04
		For Colored Vinyl, Add	*20.79*	
		For Tinted Glass, Add	*24.94*	
		For Low-E Insulated Glass, Add	*51.96*	
		For Obscure Glass, Add	*57.16*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	336.58	57.88
		For Colored Vinyl, Add	*22.08*	
		For Tinted Glass, Add	*26.50*	
		For Low-E Insulated Glass, Add	*55.21*	
		For Obscure Glass, Add	*60.73*	

08 53 13 00-0246 72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	315.75	56.04
		For Colored Vinyl, Add	*20.37*	
		For Tinted Glass, Add	*24.44*	
		For Low-E Insulated Glass, Add	*50.92*	
		For Obscure Glass, Add	*56.01*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	325.88	57.88
		For Colored Vinyl, Add	*21.10*	
		For Tinted Glass, Add	*25.32*	
		For Low-E Insulated Glass, Add	*52.76*	
		For Obscure Glass, Add	*58.04*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	336.45	59.25
		For Colored Vinyl, Add	*21.79*	
		For Tinted Glass, Add	*26.15*	
		For Low-E Insulated Glass, Add	*54.48*	
		For Obscure Glass, Add	*59.93*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	352.91	61.09
		For Colored Vinyl, Add	*23.07*	
		For Tinted Glass, Add	*27.69*	
		For Low-E Insulated Glass, Add	*57.68*	
		For Obscure Glass, Add	*63.45*	

08 53 13 00-0251 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	382.42	46.85
		For Colored Vinyl, Add	*28.87*	
		For Tinted Glass, Add	*34.65*	
		For Low-E Insulated Glass, Add	*72.18*	
		For Obscure Glass, Add	*79.40*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	397.92	50.53
		For Colored Vinyl, Add	*29.78*	
		For Tinted Glass, Add	*35.73*	
		For Low-E Insulated Glass, Add	*74.45*	
		For Obscure Glass, Add	*81.89*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	414.35	54.20
		For Colored Vinyl, Add	*30.69*	
		For Tinted Glass, Add	*36.82*	
		For Low-E Insulated Glass, Add	*76.72*	
		For Obscure Glass, Add	*84.39*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	432.46	57.42
		For Colored Vinyl, Add	*31.76*	
		For Tinted Glass, Add	*38.11*	
		For Low-E Insulated Glass, Add	*79.41*	
		For Obscure Glass, Add	*87.35*	

08 53 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	404.48	49.15
		For Colored Vinyl, Add	*30.62*	
		For Tinted Glass, Add	*36.74*	
		For Low-E Insulated Glass, Add	*76.55*	
		For Obscure Glass, Add	*84.20*	
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	420.72	52.36
		For Colored Vinyl, Add	*31.60*	
		For Tinted Glass, Add	*37.92*	
		For Low-E Insulated Glass, Add	*79.00*	
		For Obscure Glass, Add	*86.90*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	437.89	56.04
		For Colored Vinyl, Add	*32.58*	
		For Tinted Glass, Add	*39.10*	
		For Low-E Insulated Glass, Add	*81.45*	
		For Obscure Glass, Add	*89.60*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	455.55	59.72
		For Colored Vinyl, Add	*33.61*	
		For Tinted Glass, Add	*40.33*	
		For Low-E Insulated Glass, Add	*84.03*	
		For Obscure Glass, Add	*92.43*	

08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	429.64	52.83
		For Colored Vinyl, Add	*32.40*	
		For Tinted Glass, Add	*38.88*	
		For Low-E Insulated Glass, Add	*81.00*	
		For Obscure Glass, Add	*89.10*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	446.41	56.04
		For Colored Vinyl, Add	*33.43*	
		For Tinted Glass, Add	*40.12*	
		For Low-E Insulated Glass, Add	*83.58*	
		For Obscure Glass, Add	*91.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	464.13	59.72
		For Colored Vinyl, Add	*34.47*	
		For Tinted Glass, Add	*41.36*	
		For Low-E Insulated Glass, Add	*86.18*	
		For Obscure Glass, Add	*94.79*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	483.04	63.39
		For Colored Vinyl, Add	*35.63*	
		For Tinted Glass, Add	*42.75*	
		For Low-E Insulated Glass, Add	*89.07*	
		For Obscure Glass, Add	*97.97*	

08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	451.07	54.67
		For Colored Vinyl, Add	*34.18*	
		For Tinted Glass, Add	*41.01*	
		For Low-E Insulated Glass, Add	*85.44*	
		For Obscure Glass, Add	*93.98*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	468.58	57.88
		For Colored Vinyl, Add	*35.28*	
		For Tinted Glass, Add	*42.34*	
		For Low-E Insulated Glass, Add	*88.21*	
		For Obscure Glass, Add	*97.03*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	486.98	61.56
		For Colored Vinyl, Add	*36.39*	
		For Tinted Glass, Add	*43.67*	
		For Low-E Insulated Glass, Add	*90.97*	
		For Obscure Glass, Add	*100.07*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	506.16	65.23
		For Colored Vinyl, Add	*37.57*	
		For Tinted Glass, Add	*45.08*	
		For Low-E Insulated Glass, Add	*93.93*	
		For Obscure Glass, Add	*103.32*	

08 53 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	475.28	57.88
		For Colored Vinyl, Add	*35.95*	
		For Tinted Glass, Add	*43.14*	
		For Low-E Insulated Glass, Add	*89.88*	
		For Obscure Glass, Add	*98.87*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	493.49	61.56
		For Colored Vinyl, Add	*37.13*	
		For Tinted Glass, Add	*44.56*	
		For Low-E Insulated Glass, Add	*92.83*	
		For Obscure Glass, Add	*102.11*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	512.61	65.23
		For Colored Vinyl, Add	*38.31*	
		For Tinted Glass, Add	*45.97*	
		For Low-E Insulated Glass, Add	*95.77*	
		For Obscure Glass, Add	*105.34*	
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	532.00	68.45
		For Colored Vinyl, Add	*39.51*	
		For Tinted Glass, Add	*47.41*	
		For Low-E Insulated Glass, Add	*98.78*	
		For Obscure Glass, Add	*108.66*	

08 53 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	498.22	60.18
		For Colored Vinyl, Add	*37.79*	
		For Tinted Glass, Add	*45.34*	
		For Low-E Insulated Glass, Add	*94.47*	
		For Obscure Glass, Add	*103.91*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	516.43	63.39
		For Colored Vinyl, Add	*38.97*	
		For Tinted Glass, Add	*46.76*	
		For Low-E Insulated Glass, Add	*97.41*	
		For Obscure Glass, Add	*107.15*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	535.49	67.07
		For Colored Vinyl, Add	*40.14*	
		For Tinted Glass, Add	*48.16*	
		For Low-E Insulated Glass, Add	*100.34*	
		For Obscure Glass, Add	*110.37*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	554.95	70.74
		For Colored Vinyl, Add	*41.35*	
		For Tinted Glass, Add	*49.62*	
		For Low-E Insulated Glass, Add	*103.37*	
		For Obscure Glass, Add	*113.70*	

08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	524.18	63.39
		For Colored Vinyl, Add	*39.74*	
		For Tinted Glass, Add	*47.69*	
		For Low-E Insulated Glass, Add	*99.35*	
		For Obscure Glass, Add	*109.29*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	542.39	67.07
		For Colored Vinyl, Add	*40.92*	
		For Tinted Glass, Add	*49.10*	
		For Low-E Insulated Glass, Add	*102.30*	
		For Obscure Glass, Add	*112.52*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	561.53	70.74
		For Colored Vinyl, Add	*42.10*	
		For Tinted Glass, Add	*50.52*	
		For Low-E Insulated Glass, Add	*105.24*	
		For Obscure Glass, Add	*115.77*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	580.92	73.96
		For Colored Vinyl, Add	*43.30*	
		For Tinted Glass, Add	*51.96*	
		For Low-E Insulated Glass, Add	*108.25*	
		For Obscure Glass, Add	*119.08*	

08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	473.96	59.72
		For Colored Vinyl, Add	*35.45*	
		For Tinted Glass, Add	*42.54*	
		For Low-E Insulated Glass, Add	*88.63*	
		For Obscure Glass, Add	*97.50*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	498.09	64.31
		For Colored Vinyl, Add	*36.95*	
		For Tinted Glass, Add	*44.34*	
		For Low-E Insulated Glass, Add	*92.37*	
		For Obscure Glass, Add	*101.60*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	539.97	71.20
		For Colored Vinyl, Add	*39.76*	
		For Tinted Glass, Add	*47.71*	
		For Low-E Insulated Glass, Add	*99.39*	
		For Obscure Glass, Add	*109.33*	

08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	503.47	62.47
		For Colored Vinyl, Add	*37.94*	
		For Tinted Glass, Add	*45.53*	
		For Low-E Insulated Glass, Add	*94.86*	
		For Obscure Glass, Add	*104.35*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	527.74	66.61
		For Colored Vinyl, Add	*39.45*	
		For Tinted Glass, Add	*47.34*	
		For Low-E Insulated Glass, Add	*98.63*	
		For Obscure Glass, Add	*108.50*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	571.63	73.50
		For Colored Vinyl, Add	*42.46*	
		For Tinted Glass, Add	*50.96*	
		For Low-E Insulated Glass, Add	*106.16*	
		For Obscure Glass, Add	*116.78*	

08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	533.08	66.14
		For Colored Vinyl, Add	*40.08*	
		For Tinted Glass, Add	*48.09*	
		For Low-E Insulated Glass, Add	*100.20*	
		For Obscure Glass, Add	*110.21*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	560.51	70.28
		For Colored Vinyl, Add	*42.00*	
		For Tinted Glass, Add	*50.39*	
		For Low-E Insulated Glass, Add	*104.99*	
		For Obscure Glass, Add	*115.49*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	606.13	77.17
		For Colored Vinyl, Add	*45.18*	
		For Tinted Glass, Add	*54.21*	
		For Low-E Insulated Glass, Add	*112.95*	
		For Obscure Glass, Add	*124.24*	

08 53 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	560.81	67.98
		For Colored Vinyl, Add	*42.48*	
		For Tinted Glass, Add	*50.98*	
		For Low-E Insulated Glass, Add	*106.21*	
		For Obscure Glass, Add	*116.83*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	590.20	72.58
		For Colored Vinyl, Add	*44.51*	
		For Tinted Glass, Add	*53.41*	
		For Low-E Insulated Glass, Add	*111.26*	
		For Obscure Glass, Add	*122.39*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	640.95	79.01
		For Colored Vinyl, Add	*48.29*	
		For Tinted Glass, Add	*57.95*	
		For Low-E Insulated Glass, Add	*120.73*	
		For Obscure Glass, Add	*132.81*	

08 53 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	591.27	71.20
		For Colored Vinyl, Add	*44.89*	
		For Tinted Glass, Add	*53.86*	
		For Low-E Insulated Glass, Add	*112.22*	
		For Obscure Glass, Add	*123.44*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	621.72	75.79
		For Colored Vinyl, Add	*47.01*	
		For Tinted Glass, Add	*56.42*	
		For Low-E Insulated Glass, Add	*117.53*	
		For Obscure Glass, Add	*129.29*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	678.51	82.23
		For Colored Vinyl, Add	*51.41*	
		For Tinted Glass, Add	*61.69*	
		For Low-E Insulated Glass, Add	*128.52*	
		For Obscure Glass, Add	*141.37*	

08 53 13 00-0308 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	623.02	73.50
		For Colored Vinyl, Add	*47.60*	
		For Tinted Glass, Add	*57.12*	
		For Low-E Insulated Glass, Add	*119.01*	
		For Obscure Glass, Add	*130.91*	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	653.45	78.09
		For Colored Vinyl, Add	*49.73*	
		For Tinted Glass, Add	*59.67*	
		For Low-E Insulated Glass, Add	*124.32*	
		For Obscure Glass, Add	*136.75*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	710.25	84.52
		For Colored Vinyl, Add	*54.12*	
		For Tinted Glass, Add	*64.95*	
		For Low-E Insulated Glass, Add	*135.30*	
		For Obscure Glass, Add	*148.83*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	656.67	76.71
		For Colored Vinyl, Add	*50.33*	
		For Tinted Glass, Add	*60.39*	
		For Low-E Insulated Glass, Add	*125.81*	
		For Obscure Glass, Add	*138.39*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	687.11	81.30
		For Colored Vinyl, Add	*52.45*	
		For Tinted Glass, Add	*62.94*	
		For Low-E Insulated Glass, Add	*131.13*	
		For Obscure Glass, Add	*144.24*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	743.91	87.74
		For Colored Vinyl, Add	*56.84*	
		For Tinted Glass, Add	*68.21*	
		For Low-E Insulated Glass, Add	*142.11*	
		For Obscure Glass, Add	*156.32*	

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	253.82	39.05
		For Colored Vinyl, Add	*17.57*	
		For Tinted Glass, Add	*21.09*	
		For Low-E Insulated Glass, Add	*43.93*	
		For Obscure Glass, Add	*48.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	287.46	43.64
		For Colored Vinyl, Add	*20.02*	
		For Tinted Glass, Add	*24.02*	
		For Low-E Insulated Glass, Add	*50.05*	
		For Obscure Glass, Add	*55.05*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	318.33	48.23
		For Colored Vinyl, Add	*22.19*	
		For Tinted Glass, Add	*26.62*	
		For Low-E Insulated Glass, Add	*55.47*	
		For Obscure Glass, Add	*61.01*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	346.44	52.83
		For Colored Vinyl, Add	*24.08*	
		For Tinted Glass, Add	*28.89*	
		For Low-E Insulated Glass, Add	*60.20*	
		For Obscure Glass, Add	*66.22*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	371.80	57.42
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.24*	
		For Obscure Glass, Add	*70.66*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	389.14	62.01
		For Colored Vinyl, Add	*26.51*	
		For Tinted Glass, Add	*31.81*	
		For Low-E Insulated Glass, Add	*66.28*	
		For Obscure Glass, Add	*72.91*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	3.82	0.59
		For Colored Vinyl, Add	*0.26*	
		For Tinted Glass, Add	*0.31*	
		For Low-E Insulated Glass, Add	*0.66*	
		For Obscure Glass, Add	*0.72*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	404.05	48.23
		For Colored Vinyl, Add	*30.76*	
		For Tinted Glass, Add	*36.91*	
		For Low-E Insulated Glass, Add	*76.90*	
		For Obscure Glass, Add	*84.59*	
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	443.91	52.83
		For Colored Vinyl, Add	*33.83*	
		For Tinted Glass, Add	*40.59*	
		For Low-E Insulated Glass, Add	*84.57*	
		For Obscure Glass, Add	*93.02*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	481.00	57.42
		For Colored Vinyl, Add	*36.62*	
		For Tinted Glass, Add	*43.94*	
		For Low-E Insulated Glass, Add	*91.54*	
		For Obscure Glass, Add	*100.69*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	507.74	62.01
		For Colored Vinyl, Add	*38.37*	
		For Tinted Glass, Add	*46.05*	
		For Low-E Insulated Glass, Add	*95.93*	
		For Obscure Glass, Add	*105.52*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	535.91	66.61
		For Colored Vinyl, Add	*40.27*	
		For Tinted Glass, Add	*48.32*	
		For Low-E Insulated Glass, Add	*100.68*	
		For Obscure Glass, Add	*110.74*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	565.14	71.20
		For Colored Vinyl, Add	*42.27*	
		For Tinted Glass, Add	*50.73*	
		For Low-E Insulated Glass, Add	*105.69*	
		For Obscure Glass, Add	*116.25*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	4.72	0.59
		For Colored Vinyl, Add	*0.35*	
		For Tinted Glass, Add	*0.42*	
		For Low-E Insulated Glass, Add	*0.88*	
		For Obscure Glass, Add	*0.97*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	419.18	48.23
		For Colored Vinyl, Add	*32.27*	
		For Tinted Glass, Add	*38.73*	
		For Low-E Insulated Glass, Add	*80.68*	
		For Obscure Glass, Add	*88.75*	
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	460.69	52.83
		For Colored Vinyl, Add	*35.50*	
		For Tinted Glass, Add	*42.60*	
		For Low-E Insulated Glass, Add	*88.76*	
		For Obscure Glass, Add	*97.64*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	500.28	57.42
		For Colored Vinyl, Add	*38.54*	
		For Tinted Glass, Add	*46.25*	
		For Low-E Insulated Glass, Add	*96.36*	
		For Obscure Glass, Add	*106.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	528.67	62.01
		For Colored Vinyl, Add	*40.46*	
		For Tinted Glass, Add	*48.56*	
		For Low-E Insulated Glass, Add	*101.16*	
		For Obscure Glass, Add	*111.28*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	558.71	66.61
		For Colored Vinyl, Add	*42.55*	
		For Tinted Glass, Add	*51.06*	
		For Low-E Insulated Glass, Add	*106.38*	
		For Obscure Glass, Add	*117.01*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	590.00	71.20
		For Colored Vinyl, Add	*44.76*	
		For Tinted Glass, Add	*53.71*	
		For Low-E Insulated Glass, Add	*111.90*	
		For Obscure Glass, Add	*123.09*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	4.93	0.59
		For Colored Vinyl, Add	*0.37*	
		For Tinted Glass, Add	*0.45*	
		For Low-E Insulated Glass, Add	*0.93*	
		For Obscure Glass, Add	*1.03*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	253.79	37.67
		For Colored Vinyl, Add	*17.85*	
		For Tinted Glass, Add	*21.41*	
		For Low-E Insulated Glass, Add	*44.61*	
		For Obscure Glass, Add	*49.07*	
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	265.75	39.51
		For Colored Vinyl, Add	*18.67*	
		For Tinted Glass, Add	*22.41*	
		For Low-E Insulated Glass, Add	*46.69*	
		For Obscure Glass, Add	*51.35*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	284.61	42.72
		For Colored Vinyl, Add	*19.92*	
		For Tinted Glass, Add	*23.90*	
		For Low-E Insulated Glass, Add	*49.79*	
		For Obscure Glass, Add	*54.77*	
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	297.02	45.02
		For Colored Vinyl, Add	*20.70*	
		For Tinted Glass, Add	*24.84*	
		For Low-E Insulated Glass, Add	*51.75*	
		For Obscure Glass, Add	*56.92*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	317.27	48.69
		For Colored Vinyl, Add	*21.99*	
		For Tinted Glass, Add	*26.39*	
		For Low-E Insulated Glass, Add	*54.97*	
		For Obscure Glass, Add	*60.47*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	266.90	39.51
		For Colored Vinyl, Add	*18.88*	
		For Tinted Glass, Add	*22.66*	
		For Low-E Insulated Glass, Add	*47.20*	
		For Obscure Glass, Add	*51.92*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	278.86	41.34
		For Colored Vinyl, Add	*19.71*	
		For Tinted Glass, Add	*23.65*	
		For Low-E Insulated Glass, Add	*49.28*	
		For Obscure Glass, Add	*54.20*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	298.87	44.10
		For Colored Vinyl, Add	*21.07*	
		For Tinted Glass, Add	*25.28*	
		For Low-E Insulated Glass, Add	*52.67*	
		For Obscure Glass, Add	*57.94*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	311.30	46.85
		For Colored Vinyl, Add	*21.85*	
		For Tinted Glass, Add	*26.22*	
		For Low-E Insulated Glass, Add	*54.63*	
		For Obscure Glass, Add	*60.09*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	332.69	50.07
		For Colored Vinyl, Add	*23.26*	
		For Tinted Glass, Add	*27.91*	
		For Low-E Insulated Glass, Add	*58.14*	
		For Obscure Glass, Add	*63.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0356		24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	276.32	41.34
		For Colored Vinyl, Add	*19.46*	
		For Tinted Glass, Add	*23.35*	
		For Low-E Insulated Glass, Add	*48.64*	
		For Obscure Glass, Add	*53.50*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	288.28	43.18
		For Colored Vinyl, Add	*20.28*	
		For Tinted Glass, Add	*24.34*	
		For Low-E Insulated Glass, Add	*50.71*	
		For Obscure Glass, Add	*55.78*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	308.87	45.94
		For Colored Vinyl, Add	*21.70*	
		For Tinted Glass, Add	*26.04*	
		For Low-E Insulated Glass, Add	*54.25*	
		For Obscure Glass, Add	*59.68*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	322.22	48.69
		For Colored Vinyl, Add	*22.58*	
		For Tinted Glass, Add	*27.09*	
		For Low-E Insulated Glass, Add	*56.44*	
		For Obscure Glass, Add	*62.08*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	343.84	51.91
		For Colored Vinyl, Add	*24.00*	
		For Tinted Glass, Add	*28.80*	
		For Low-E Insulated Glass, Add	*60.01*	
		For Obscure Glass, Add	*66.01*	
08 53 13 00-0362		28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	285.76	43.18
		For Colored Vinyl, Add	*20.03*	
		For Tinted Glass, Add	*24.04*	
		For Low-E Insulated Glass, Add	*50.08*	
		For Obscure Glass, Add	*55.09*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	297.72	45.02
		For Colored Vinyl, Add	*20.86*	
		For Tinted Glass, Add	*25.03*	
		For Low-E Insulated Glass, Add	*52.15*	
		For Obscure Glass, Add	*57.37*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	318.89	47.78
		For Colored Vinyl, Add	*22.34*	
		For Tinted Glass, Add	*26.80*	
		For Low-E Insulated Glass, Add	*55.84*	
		For Obscure Glass, Add	*61.42*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	333.10	50.53
		For Colored Vinyl, Add	*23.30*	
		For Tinted Glass, Add	*27.96*	
		For Low-E Insulated Glass, Add	*58.24*	
		For Obscure Glass, Add	*64.06*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	355.01	53.74
		For Colored Vinyl, Add	*24.75*	
		For Tinted Glass, Add	*29.70*	
		For Low-E Insulated Glass, Add	*61.88*	
		For Obscure Glass, Add	*68.07*	
08 53 13 00-0368		36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*		
08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	337.97	50.99
		For Colored Vinyl, Add	*23.60*	
		For Tinted Glass, Add	*28.32*	
		For Low-E Insulated Glass, Add	*59.00*	
		For Obscure Glass, Add	*64.90*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	352.20	53.29
		For Colored Vinyl, Add	*24.56*	
		For Tinted Glass, Add	*29.48*	
		For Low-E Insulated Glass, Add	*61.41*	
		For Obscure Glass, Add	*67.55*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	375.26	56.96
		For Colored Vinyl, Add	*26.13*	
		For Tinted Glass, Add	*31.36*	
		For Low-E Insulated Glass, Add	*65.34*	
		For Obscure Glass, Add	*71.87*	
08 53 13 00-0372		Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	264.80	39.05
		For Colored Vinyl, Add	*18.67*	
		For Tinted Glass, Add	*22.41*	
		For Low-E Insulated Glass, Add	*46.68*	
		For Obscure Glass, Add	*51.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	304.86	43.64
		For Colored Vinyl, Add	*21.76*	
		For Tinted Glass, Add	*26.11*	
		For Low-E Insulated Glass, Add	*54.40*	
		For Obscure Glass, Add	*59.83*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	343.54	48.23
		For Colored Vinyl, Add	*24.71*	
		For Tinted Glass, Add	*29.65*	
		For Low-E Insulated Glass, Add	*61.77*	
		For Obscure Glass, Add	*67.95*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	380.84	52.83
		For Colored Vinyl, Add	*27.52*	
		For Tinted Glass, Add	*33.02*	
		For Low-E Insulated Glass, Add	*68.80*	
		For Obscure Glass, Add	*75.68*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	416.76	57.42
		For Colored Vinyl, Add	*30.19*	
		For Tinted Glass, Add	*36.23*	
		For Low-E Insulated Glass, Add	*75.48*	
		For Obscure Glass, Add	*83.03*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	437.97	62.01
		For Colored Vinyl, Add	*31.39*	
		For Tinted Glass, Add	*37.67*	
		For Low-E Insulated Glass, Add	*78.49*	
		For Obscure Glass, Add	*86.33*	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	4.31	0.59
		For Colored Vinyl, Add	*0.31*	
		For Tinted Glass, Add	*0.37*	
		For Low-E Insulated Glass, Add	*0.78*	
		For Obscure Glass, Add	*0.86*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	172.52	45.02
		For Colored Vinyl, Add	*8.34*	
		For Tinted Glass, Add	*10.01*	
		For Low-E Insulated Glass, Add	*20.85*	
		For Obscure Glass, Add	*22.94*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	191.72	50.53
		For Colored Vinyl, Add	*9.16*	
		For Tinted Glass, Add	*10.99*	
		For Low-E Insulated Glass, Add	*22.90*	
		For Obscure Glass, Add	*25.18*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	201.32	52.83
		For Colored Vinyl, Add	*9.57*	
		For Tinted Glass, Add	*11.48*	
		For Low-E Insulated Glass, Add	*23.92*	
		For Obscure Glass, Add	*26.31*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	210.92	55.58
		For Colored Vinyl, Add	*9.98*	
		For Tinted Glass, Add	*11.97*	
		For Low-E Insulated Glass, Add	*24.94*	
		For Obscure Glass, Add	*27.43*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	217.32	57.88
		For Colored Vinyl, Add	*10.25*	
		For Tinted Glass, Add	*12.30*	
		For Low-E Insulated Glass, Add	*25.62*	
		For Obscure Glass, Add	*28.18*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	230.13	61.09
		For Colored Vinyl, Add	*10.79*	
		For Tinted Glass, Add	*12.95*	
		For Low-E Insulated Glass, Add	*26.99*	
		For Obscure Glass, Add	*29.68*	

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	180.79	46.85
		For Colored Vinyl, Add	*8.80*	
		For Tinted Glass, Add	*10.56*	
		For Low-E Insulated Glass, Add	*22.00*	
		For Obscure Glass, Add	*24.20*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	200.36	52.36
		For Colored Vinyl, Add	*9.66*	
		For Tinted Glass, Add	*11.59*	
		For Low-E Insulated Glass, Add	*24.14*	
		For Obscure Glass, Add	*26.55*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	210.20	54.67
		For Colored Vinyl, Add	*10.09*	
		For Tinted Glass, Add	*12.11*	
		For Low-E Insulated Glass, Add	*25.22*	
		For Obscure Glass, Add	*27.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	219.96	57.42
		For Colored Vinyl, Add	*10.51*	
		For Tinted Glass, Add	*12.61*	
		For Low-E Insulated Glass, Add	*26.28*	
		For Obscure Glass, Add	*28.91*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.48	59.72
		For Colored Vinyl, Add	*10.80*	
		For Tinted Glass, Add	*12.96*	
		For Low-E Insulated Glass, Add	*26.99*	
		For Obscure Glass, Add	*29.69*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	239.53	62.93
		For Colored Vinyl, Add	*11.37*	
		For Tinted Glass, Add	*13.64*	
		For Low-E Insulated Glass, Add	*28.42*	
		For Obscure Glass, Add	*31.26*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	205.74	52.36
		For Colored Vinyl, Add	*10.19*	
		For Tinted Glass, Add	*12.23*	
		For Low-E Insulated Glass, Add	*25.48*	
		For Obscure Glass, Add	*28.03*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.52	57.88
		For Colored Vinyl, Add	*11.17*	
		For Tinted Glass, Add	*13.40*	
		For Low-E Insulated Glass, Add	*27.92*	
		For Obscure Glass, Add	*30.71*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	236.92	60.18
		For Colored Vinyl, Add	*11.66*	
		For Tinted Glass, Add	*13.99*	
		For Low-E Insulated Glass, Add	*29.14*	
		For Obscure Glass, Add	*32.06*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	247.31	62.93
		For Colored Vinyl, Add	*12.15*	
		For Tinted Glass, Add	*14.57*	
		For Low-E Insulated Glass, Add	*30.36*	
		For Obscure Glass, Add	*33.40*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	254.25	64.31
		For Colored Vinyl, Add	*12.47*	
		For Tinted Glass, Add	*14.97*	
		For Low-E Insulated Glass, Add	*31.18*	
		For Obscure Glass, Add	*34.30*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.09	68.45
		For Colored Vinyl, Add	*13.12*	
		For Tinted Glass, Add	*15.75*	
		For Low-E Insulated Glass, Add	*32.80*	
		For Obscure Glass, Add	*36.08*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	218.21	55.12
		For Colored Vinyl, Add	*10.89*	
		For Tinted Glass, Add	*13.07*	
		For Low-E Insulated Glass, Add	*27.22*	
		For Obscure Glass, Add	*29.94*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	239.60	60.63
		For Colored Vinyl, Add	*11.93*	
		For Tinted Glass, Add	*14.31*	
		For Low-E Insulated Glass, Add	*29.81*	
		For Obscure Glass, Add	*32.79*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	250.30	62.93
		For Colored Vinyl, Add	*12.44*	
		For Tinted Glass, Add	*14.93*	
		For Low-E Insulated Glass, Add	*31.11*	
		For Obscure Glass, Add	*34.22*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	261.00	65.69
		For Colored Vinyl, Add	*12.96*	
		For Tinted Glass, Add	*15.56*	
		For Low-E Insulated Glass, Add	*32.41*	
		For Obscure Glass, Add	*35.65*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.12	67.98
		For Colored Vinyl, Add	*13.31*	
		For Tinted Glass, Add	*15.97*	
		For Low-E Insulated Glass, Add	*33.27*	
		For Obscure Glass, Add	*36.59*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	282.39	71.20
		For Colored Vinyl, Add	*14.00*	
		For Tinted Glass, Add	*16.80*	
		For Low-E Insulated Glass, Add	*35.00*	
		For Obscure Glass, Add	*38.50*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.37	56.04
		For Colored Vinyl, Add	*11.12*	
		For Tinted Glass, Add	*13.35*	
		For Low-E Insulated Glass, Add	*27.80*	
		For Obscure Glass, Add	*30.58*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	243.97	61.56
		For Colored Vinyl, Add	*12.18*	
		For Tinted Glass, Add	*14.61*	
		For Low-E Insulated Glass, Add	*30.45*	
		For Obscure Glass, Add	*33.49*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	254.76	63.85
		For Colored Vinyl, Add	*12.71*	
		For Tinted Glass, Add	*15.25*	
		For Low-E Insulated Glass, Add	*31.77*	
		For Obscure Glass, Add	*34.94*	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	265.56	66.61
		For Colored Vinyl, Add	*13.24*	
		For Tinted Glass, Add	*15.88*	
		For Low-E Insulated Glass, Add	*33.09*	
		For Obscure Glass, Add	*36.40*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	272.75	68.90
		For Colored Vinyl, Add	*13.59*	
		For Tinted Glass, Add	*16.30*	
		For Low-E Insulated Glass, Add	*33.97*	
		For Obscure Glass, Add	*37.36*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	287.14	72.12
		For Colored Vinyl, Add	*14.29*	
		For Tinted Glass, Add	*17.15*	
		For Low-E Insulated Glass, Add	*35.73*	
		For Obscure Glass, Add	*39.30*	

08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.53	56.96
		For Colored Vinyl, Add	*11.35*	
		For Tinted Glass, Add	*13.62*	
		For Low-E Insulated Glass, Add	*28.38*	
		For Obscure Glass, Add	*31.22*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	248.32	62.47
		For Colored Vinyl, Add	*12.43*	
		For Tinted Glass, Add	*14.91*	
		For Low-E Insulated Glass, Add	*31.07*	
		For Obscure Glass, Add	*34.18*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	259.22	64.77
		For Colored Vinyl, Add	*12.97*	
		For Tinted Glass, Add	*15.56*	
		For Low-E Insulated Glass, Add	*32.42*	
		For Obscure Glass, Add	*35.66*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	270.10	67.52
		For Colored Vinyl, Add	*13.51*	
		For Tinted Glass, Add	*16.21*	
		For Low-E Insulated Glass, Add	*33.76*	
		For Obscure Glass, Add	*37.14*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.37	69.82
		For Colored Vinyl, Add	*13.87*	
		For Tinted Glass, Add	*16.64*	
		For Low-E Insulated Glass, Add	*34.66*	
		For Obscure Glass, Add	*38.13*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	291.91	73.03
		For Colored Vinyl, Add	*14.58*	
		For Tinted Glass, Add	*17.50*	
		For Low-E Insulated Glass, Add	*36.46*	
		For Obscure Glass, Add	*40.10*	

08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	230.69	57.88
		For Colored Vinyl, Add	*11.59*	
		For Tinted Glass, Add	*13.90*	
		For Low-E Insulated Glass, Add	*28.96*	
		For Obscure Glass, Add	*31.86*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	252.68	63.39
		For Colored Vinyl, Add	*12.68*	
		For Tinted Glass, Add	*15.22*	
		For Low-E Insulated Glass, Add	*31.71*	
		For Obscure Glass, Add	*34.88*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	263.68	65.69
		For Colored Vinyl, Add	*13.23*	
		For Tinted Glass, Add	*15.88*	
		For Low-E Insulated Glass, Add	*33.08*	
		For Obscure Glass, Add	*36.39*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.66	68.45
		For Colored Vinyl, Add	*13.78*	
		For Tinted Glass, Add	*16.53*	
		For Low-E Insulated Glass, Add	*34.45*	
		For Obscure Glass, Add	*37.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	282.00	70.74
		For Colored Vinyl, Add	*14.14*	
		For Tinted Glass, Add	*16.97*	
		For Low-E Insulated Glass, Add	*35.36*	
		For Obscure Glass, Add	*38.90*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	296.67	73.96
		For Colored Vinyl, Add	*14.88*	
		For Tinted Glass, Add	*17.85*	
		For Low-E Insulated Glass, Add	*37.19*	
		For Obscure Glass, Add	*40.91*	

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	234.85	58.80
		For Colored Vinyl, Add	*11.82*	
		For Tinted Glass, Add	*14.18*	
		For Low-E Insulated Glass, Add	*29.54*	
		For Obscure Glass, Add	*32.50*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	257.04	64.31
		For Colored Vinyl, Add	*12.93*	
		For Tinted Glass, Add	*15.52*	
		For Low-E Insulated Glass, Add	*32.34*	
		For Obscure Glass, Add	*35.57*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.13	66.61
		For Colored Vinyl, Add	*13.49*	
		For Tinted Glass, Add	*16.19*	
		For Low-E Insulated Glass, Add	*33.73*	
		For Obscure Glass, Add	*37.10*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	279.22	69.36
		For Colored Vinyl, Add	*14.05*	
		For Tinted Glass, Add	*16.86*	
		For Low-E Insulated Glass, Add	*35.13*	
		For Obscure Glass, Add	*38.64*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	286.63	71.66
		For Colored Vinyl, Add	*14.42*	
		For Tinted Glass, Add	*17.31*	
		For Low-E Insulated Glass, Add	*36.06*	
		For Obscure Glass, Add	*39.66*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	301.42	74.87
		For Colored Vinyl, Add	*15.17*	
		For Tinted Glass, Add	*18.20*	
		For Low-E Insulated Glass, Add	*37.92*	
		For Obscure Glass, Add	*41.71*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	239.01	59.72
		For Colored Vinyl, Add	*12.05*	
		For Tinted Glass, Add	*14.46*	
		For Low-E Insulated Glass, Add	*30.12*	
		For Obscure Glass, Add	*33.13*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	261.40	65.23
		For Colored Vinyl, Add	*13.19*	
		For Tinted Glass, Add	*15.82*	
		For Low-E Insulated Glass, Add	*32.97*	
		For Obscure Glass, Add	*36.26*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	272.59	67.52
		For Colored Vinyl, Add	*13.75*	
		For Tinted Glass, Add	*16.50*	
		For Low-E Insulated Glass, Add	*34.39*	
		For Obscure Glass, Add	*37.82*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	283.79	70.28
		For Colored Vinyl, Add	*14.32*	
		For Tinted Glass, Add	*17.19*	
		For Low-E Insulated Glass, Add	*35.81*	
		For Obscure Glass, Add	*39.39*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	291.26	72.58
		For Colored Vinyl, Add	*14.70*	
		For Tinted Glass, Add	*17.64*	
		For Low-E Insulated Glass, Add	*36.76*	
		For Obscure Glass, Add	*40.43*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	306.19	75.79
		For Colored Vinyl, Add	*15.46*	
		For Tinted Glass, Add	*18.55*	
		For Low-E Insulated Glass, Add	*38.65*	
		For Obscure Glass, Add	*42.52*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	243.16	60.63
		For Colored Vinyl, Add	*12.28*	
		For Tinted Glass, Add	*14.74*	
		For Low-E Insulated Glass, Add	*30.70*	
		For Obscure Glass, Add	*33.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	265.75	66.14
		For Colored Vinyl, Add	*13.44*	
		For Tinted Glass, Add	*16.13*	
		For Low-E Insulated Glass, Add	*33.60*	
		For Obscure Glass, Add	*36.95*	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	277.05	68.45
		For Colored Vinyl, Add	*14.02*	
		For Tinted Glass, Add	*16.82*	
		For Low-E Insulated Glass, Add	*35.04*	
		For Obscure Glass, Add	*38.55*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	288.35	71.20
		For Colored Vinyl, Add	*14.60*	
		For Tinted Glass, Add	*17.51*	
		For Low-E Insulated Glass, Add	*36.49*	
		For Obscure Glass, Add	*40.14*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.89	73.50
		For Colored Vinyl, Add	*14.98*	
		For Tinted Glass, Add	*17.98*	
		For Low-E Insulated Glass, Add	*37.45*	
		For Obscure Glass, Add	*41.20*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	310.94	76.71
		For Colored Vinyl, Add	*15.75*	
		For Tinted Glass, Add	*18.90*	
		For Low-E Insulated Glass, Add	*39.38*	
		For Obscure Glass, Add	*43.32*	

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	261.76	63.39
		For Colored Vinyl, Add	*13.59*	
		For Tinted Glass, Add	*16.31*	
		For Low-E Insulated Glass, Add	*33.98*	
		For Obscure Glass, Add	*37.37*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	278.83	68.90
		For Colored Vinyl, Add	*14.20*	
		For Tinted Glass, Add	*17.03*	
		For Low-E Insulated Glass, Add	*35.49*	
		For Obscure Glass, Add	*39.04*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	290.44	71.20
		For Colored Vinyl, Add	*14.80*	
		For Tinted Glass, Add	*17.76*	
		For Low-E Insulated Glass, Add	*37.01*	
		For Obscure Glass, Add	*40.71*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.03	73.96
		For Colored Vinyl, Add	*15.41*	
		For Tinted Glass, Add	*18.49*	
		For Low-E Insulated Glass, Add	*38.53*	
		For Obscure Glass, Add	*42.38*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	309.77	76.25
		For Colored Vinyl, Add	*15.82*	
		For Tinted Glass, Add	*18.98*	
		For Low-E Insulated Glass, Add	*39.55*	
		For Obscure Glass, Add	*43.50*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	325.22	79.47
		For Colored Vinyl, Add	*16.63*	
		For Tinted Glass, Add	*19.95*	
		For Low-E Insulated Glass, Add	*41.57*	
		For Obscure Glass, Add	*45.73*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	252.78	48.23
		For Colored Vinyl, Add	*15.63*	
		For Tinted Glass, Add	*18.76*	
		For Low-E Insulated Glass, Add	*39.08*	
		For Obscure Glass, Add	*42.99*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	277.65	52.83
		For Colored Vinyl, Add	*17.20*	
		For Tinted Glass, Add	*20.64*	
		For Low-E Insulated Glass, Add	*43.00*	
		For Obscure Glass, Add	*47.30*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	301.13	57.42
		For Colored Vinyl, Add	*18.63*	
		For Tinted Glass, Add	*22.35*	
		For Low-E Insulated Glass, Add	*46.57*	
		For Obscure Glass, Add	*51.23*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	319.37	62.01
		For Colored Vinyl, Add	*19.53*	
		For Tinted Glass, Add	*23.44*	
		For Low-E Insulated Glass, Add	*48.84*	
		For Obscure Glass, Add	*53.72*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	338.36	66.61
		For Colored Vinyl, Add	*20.52*	
		For Tinted Glass, Add	*24.62*	
		For Low-E Insulated Glass, Add	*51.29*	
		For Obscure Glass, Add	*56.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	366.20	71.20
		For Colored Vinyl, Add	*22.38*	
		For Tinted Glass, Add	*26.86*	
		For Low-E Insulated Glass, Add	*55.95*	
		For Obscure Glass, Add	*61.55*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	3.06	0.59
		For Colored Vinyl, Add	*0.19*	
		For Tinted Glass, Add	*0.22*	
		For Low-E Insulated Glass, Add	*0.47*	
		For Obscure Glass, Add	*0.51*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	156.39	36.75
		For Colored Vinyl, Add	*8.29*	
		For Tinted Glass, Add	*9.95*	
		For Low-E Insulated Glass, Add	*20.72*	
		For Obscure Glass, Add	*22.79*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	166.06	36.75
		For Colored Vinyl, Add	*9.26*	
		For Tinted Glass, Add	*11.11*	
		For Low-E Insulated Glass, Add	*23.14*	
		For Obscure Glass, Add	*25.45*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	171.59	36.75
		For Colored Vinyl, Add	*9.81*	
		For Tinted Glass, Add	*11.77*	
		For Low-E Insulated Glass, Add	*24.52*	
		For Obscure Glass, Add	*26.97*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	189.09	35.83
		For Colored Vinyl, Add	*11.74*	
		For Tinted Glass, Add	*14.09*	
		For Low-E Insulated Glass, Add	*29.36*	
		For Obscure Glass, Add	*32.29*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	211.85	41.34
		For Colored Vinyl, Add	*12.92*	
		For Tinted Glass, Add	*15.50*	
		For Low-E Insulated Glass, Add	*32.29*	
		For Obscure Glass, Add	*35.52*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	3.55	0.59
		For Colored Vinyl, Add	*0.24*	
		For Tinted Glass, Add	*0.28*	
		For Low-E Insulated Glass, Add	*0.59*	
		For Obscure Glass, Add	*0.65*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	19.34
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	24.87
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	32.03
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	37.80
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	46.47

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	43.96
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	52.75
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	66.56
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	82.89
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	99.22

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	26.16	6.80
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	33.69	6.80
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	36.21	6.80
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	41.23	6.80
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	52.53	6.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	57.56	6.80
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	65.09	6.80
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	70.12	6.80
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	2.10	0.14

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,423.20	505.23
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,640.73	547.33
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,789.36	589.43
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	3,459.36	673.63
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,760.72	1,010.45
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 49 Radiation Shielding Windows *(08 56)*

08 56 49 00-0001 Lead Lined Window Frames *(08 56 49)*

08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	29.90	6.89
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	33.35	6.89

08 56 56 Security Window Screens *(08 56)*

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.77	3.78
		For Painted Steel, Add	*0.87*	
		For Galvanized Steel, Add	*1.74*	
		For Aluminum, Add	*3.49*	
		For Stainless Steel, Add	*15.26*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	14.02	3.78
		For Painted Steel, Add	*0.90*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*3.59*	
		For Stainless Steel, Add	*15.70*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	15.17	3.78
		For Painted Steel, Add	*1.01*	
		For Galvanized Steel, Add	*2.02*	
		For Aluminum, Add	*4.05*	
		For Stainless Steel, Add	*17.71*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	17.63	3.78
		For Painted Steel, Add	*1.26*	
		For Galvanized Steel, Add	*2.52*	
		For Aluminum, Add	*5.03*	
		For Stainless Steel, Add	*22.02*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.15	4.63
		For Painted Steel, Add	*1.24*	
		For Galvanized Steel, Add	*2.48*	
		For Aluminum, Add	*4.97*	
		For Stainless Steel, Add	*21.74*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.53	4.63
		For Painted Steel, Add	*1.28*	
		For Galvanized Steel, Add	*2.56*	
		For Aluminum, Add	*5.12*	
		For Stainless Steel, Add	*22.40*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	21.18	4.63
		For Painted Steel, Add	*1.45*	
		For Galvanized Steel, Add	*2.89*	
		For Aluminum, Add	*5.78*	
		For Stainless Steel, Add	*25.29*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	24.63	4.63
		For Painted Steel, Add	*1.79*	
		For Galvanized Steel, Add	*3.58*	
		For Aluminum, Add	*7.16*	
		For Stainless Steel, Add	*31.33*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.41	2.53
		For Painted Steel, Add	*0.26*	
		For Galvanized Steel, Add	*0.78*	
		For Aluminum, Add	*1.56*	
		For Stainless Steel, Add	*6.50*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.76	2.53
		For Painted Steel, Add	*0.28*	
		For Galvanized Steel, Add	*0.83*	
		For Aluminum, Add	*1.67*	
		For Stainless Steel, Add	*6.94*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	10.31	2.53
		For Painted Steel, Add	*0.31*	
		For Galvanized Steel, Add	*0.92*	
		For Aluminum, Add	*1.83*	
		For Stainless Steel, Add	*7.63*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	11.36	2.53
		For Painted Steel, Add	*0.36*	
		For Galvanized Steel, Add	*1.07*	
		For Aluminum, Add	*2.15*	
		For Stainless Steel, Add	*8.94*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	12.46	3.37
		For Painted Steel, Add	*0.37*	
		For Galvanized Steel, Add	*1.11*	
		For Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.26*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.00	3.37
		For Painted Steel, Add	*0.40*	
		For Galvanized Steel, Add	*1.19*	
		For Aluminum, Add	*2.39*	
		For Stainless Steel, Add	*9.94*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.75	3.37
		For Painted Steel, Add	*0.44*	
		For Galvanized Steel, Add	*1.31*	
		For Aluminum, Add	*2.61*	
		For Stainless Steel, Add	*10.88*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	15.25	3.37
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.53*	
		For Aluminum, Add	*3.06*	
		For Stainless Steel, Add	*12.75*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	17.73	6.31
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*3.05*	
		For Stainless Steel, Add	*12.69*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	20.86	7.58
		For Painted Steel, Add	*0.58*	
		For Galvanized Steel, Add	*1.74*	
		For Aluminum, Add	*3.48*	
		For Stainless Steel, Add	*14.50*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	23.59	9.26
		For Painted Steel, Add	*0.63*	
		For Galvanized Steel, Add	*1.90*	
		For Aluminum, Add	*3.80*	
		For Stainless Steel, Add	*15.81*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	27.92	10.94
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.17*	
		For Aluminum, Add	*4.34*	
		For Stainless Steel, Add	*18.06*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	26.03	10.53
		For Painted Steel, Add	*0.67*	
		For Galvanized Steel, Add	*2.01*	
		For Aluminum, Add	*4.02*	
		For Stainless Steel, Add	*16.75*	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	32.85	13.47
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*2.53*	
		For Aluminum, Add	*5.06*	
		For Stainless Steel, Add	*21.06*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	23.71	7.58
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.17*	
		For Aluminum, Add	*4.34*	
		For Stainless Steel, Add	*18.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	27.49	9.26
		For Painted Steel, Add	*0.83*	
		For Galvanized Steel, Add	*2.48*	
		For Aluminum, Add	*4.97*	
		For Stainless Steel, Add	*20.69*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	30.68	10.53
		For Painted Steel, Add	*0.90*	
		For Galvanized Steel, Add	*2.71*	
		For Aluminum, Add	*5.42*	
		For Stainless Steel, Add	*22.56*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	33.41	11.79
		For Painted Steel, Add	*0.96*	
		For Galvanized Steel, Add	*2.87*	
		For Aluminum, Add	*5.73*	
		For Stainless Steel, Add	*23.88*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	36.59	13.47
		For Painted Steel, Add	*1.03*	
		For Galvanized Steel, Add	*3.09*	
		For Aluminum, Add	*6.18*	
		For Stainless Steel, Add	*25.74*	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	41.69	14.74
		For Painted Steel, Add	*1.20*	
		For Galvanized Steel, Add	*3.60*	
		For Aluminum, Add	*7.20*	
		For Stainless Steel, Add	*30.00*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.15	3.78
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.52*	
		For Aluminum, Add	*3.03*	
		For Stainless Steel, Add	*10.10*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.55	3.78
		For Painted Steel, Add	*0.53*	
		For Galvanized Steel, Add	*1.58*	
		For Aluminum, Add	*3.15*	
		For Stainless Steel, Add	*10.50*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	16.90	3.78
		For Painted Steel, Add	*0.59*	
		For Galvanized Steel, Add	*1.78*	
		For Aluminum, Add	*3.56*	
		For Stainless Steel, Add	*11.85*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	19.45	3.78
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.16*	
		For Aluminum, Add	*4.32*	
		For Stainless Steel, Add	*14.40*	

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.08	4.63
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.15*	
		For Aluminum, Add	*4.31*	
		For Stainless Steel, Add	*14.35*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.78	4.63
		For Painted Steel, Add	*0.75*	
		For Galvanized Steel, Add	*2.26*	
		For Aluminum, Add	*4.52*	
		For Stainless Steel, Add	*15.05*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	23.53	4.63
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*2.52*	
		For Aluminum, Add	*5.04*	
		For Stainless Steel, Add	*16.80*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	27.18	4.63
		For Painted Steel, Add	*1.02*	
		For Galvanized Steel, Add	*3.07*	
		For Aluminum, Add	*6.14*	
		For Stainless Steel, Add	*20.45*	

08 56 56 00-0049 Remove And Reinstall Security Screens And Guards *(08 56 56)*

08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	10.59	

08 60 Roof Windows And Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0002		31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*		
08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	768.73	168.86
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*493.77*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	807.18	173.08
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*494.62*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	844.62	177.31
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*495.46*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	896.06	181.54
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*496.31*	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	941.50	185.76
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*497.15*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	978.95	189.98
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*498.00*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,016.39	194.20
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*498.84*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,075.83	198.42
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*499.68*	
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,113.27	202.64
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*500.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,151.73	206.86
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*501.37*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,189.17	211.08
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*502.22*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,248.61	215.31
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*503.06*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,286.05	219.53
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*503.91*	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,323.50	223.75
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*504.75*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,360.94	227.97
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*505.59*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	903.73	168.86
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*493.77*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	955.18	173.08
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*494.62*	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,006.62	177.31
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*495.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,058.06	181.54
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*496.31*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,139.50	185.76
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*497.15*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,190.95	189.98
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*498.00*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,242.39	194.20
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*498.84*	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,323.83	198.42
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*499.68*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,375.27	202.64
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*500.53*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,426.73	206.86
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*501.37*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,478.17	211.08
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*502.22*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,559.61	215.31
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*503.06*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,611.05	219.53
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*503.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,662.50	223.75
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*504.75*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,713.94	227.97
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*505.59*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,178.95	189.98
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*498.00*	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,249.39	194.20
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*498.84*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,320.83	198.42
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*499.68*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,391.27	202.64
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*500.53*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,501.73	206.86
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*501.37*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,572.17	211.08
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*502.22*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,642.61	215.31
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*503.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,754.05	219.53
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*503.91*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,824.50	223.75
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*504.75*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,894.94	227.97
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*505.59*	
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,965.38	232.19
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*506.44*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,075.82	236.41
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*507.28*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,146.27	240.63
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*508.13*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,217.71	244.85
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*508.97*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,288.15	249.08
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*509.82*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	291.86	84.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	326.86	84.44
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	430.98	94.98
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	486.08	105.54
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	344.86	84.44
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	417.98	94.98
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	439.98	94.98
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	504.08	105.54
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	583.19	116.09
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	421.98	94.98
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	467.08	105.54
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	509.08	105.54
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	560.19	116.09
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	619.30	126.65
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	693.40	137.21
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	497.08	105.54
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	547.19	116.09
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	620.30	126.65
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	646.30	126.65
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	740.40	137.21

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	341.86	84.44
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	375.86	84.44
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	469.98	94.98
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	526.08	105.54
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	380.86	84.44
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	445.98	94.98
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	469.98	94.98
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	538.08	105.54
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	603.19	116.09
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	449.98	94.98
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	499.08	105.54
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	526.08	105.54
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	579.19	116.09
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	629.30	126.65
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	704.40	137.21
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	530.08	105.54
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	583.19	116.09
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	641.30	126.65
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	669.30	126.65
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	755.40	137.21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0046		High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	345.86	84.44
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	383.86	84.44
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	480.98	94.98
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	390.86	84.44
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	459.98	94.98
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	480.98	94.98
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	550.08	105.54
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	458.98	94.98
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	507.08	105.54
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	539.08	105.54
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	592.19	116.09
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	645.30	126.65
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	542.08	105.54
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	599.19	116.09
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	657.30	126.65
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	685.30	126.65
08 63 13 00-0063		FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	352.86	84.44
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	394.86	84.44
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	490.98	94.98
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	562.08	105.54
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	400.86	84.44
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	468.98	94.98
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	490.98	94.98
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	565.08	105.54
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	469.98	94.98
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.08	105.54
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	553.08	105.54
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	607.19	116.09
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	661.30	126.65
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	557.08	105.54
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	614.19	116.09
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	673.30	126.65
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	703.30	126.65
08 63 13 00-0081		Curb Top Inserts *(08 63 13 00-0003)* Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	120.44	42.21
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	159.98	47.50
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	258.65	63.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	239.09	58.05
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	286.65	63.33
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	161.44	42.21
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	238.98	47.50
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	401.65	63.33
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	391.09	58.05
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	484.65	63.33
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	201.44	42.21
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	313.98	47.50
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	577.65	63.33
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	533.09	58.05
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	668.65	63.33
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	273.86	84.44
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	316.86	84.44
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	393.98	94.98
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	486.08	105.54
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	351.86	84.44
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	396.86	84.44
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	466.98	94.98
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	553.08	105.54
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	310.86	84.44
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	400.98	94.98
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	470.08	105.54
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	379.98	94.98
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	400.98	94.98
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	482.08	105.54
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	562.19	116.09
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	440.08	105.54
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	470.08	105.54
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	524.19	116.09
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	575.30	126.65
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	671.40	137.21
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	536.19	116.09
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	605.30	126.65
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	636.30	126.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	729.40	137.21
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	344.86	84.44
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	380.86	84.44
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	474.98	94.98
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	387.86	84.44
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	434.98	94.98
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	453.98	94.98
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	474.98	94.98
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	545.08	105.54
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	454.98	94.98
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	503.08	105.54
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	533.08	105.54
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	585.19	116.09
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	637.30	126.65
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	535.08	105.54
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	592.19	116.09
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	649.30	126.65
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	676.30	126.65
08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	377.86	84.44
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	487.98	94.98
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	464.98	94.98
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	487.98	94.98
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	561.08	105.54
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	515.08	105.54
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	548.08	105.54
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	603.19	116.09
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	653.30	126.65
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	610.19	116.09
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	669.30	126.65
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	698.30	126.65
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)* Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,421.30	126.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,330.30	126.65
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,488.30	126.65
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,820.30	126.65
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,733.30	126.65
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,911.30	126.65
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,935.30	126.65
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,846.30	126.65
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,024.30	126.65
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,427.30	126.65
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,336.30	126.65
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,497.30	126.65
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,828.30	126.65
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,739.30	126.65
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,921.30	126.65
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,941.30	126.65
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,852.30	126.65
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,034.30	126.65

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	395.67	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*41.50*	
		For Aluminum Shingle Flashing, Add	*33.20*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	402.44	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*43.19*	
		For Aluminum Shingle Flashing, Add	*34.55*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	386.35	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*39.17*	
		For Aluminum Shingle Flashing, Add	*31.34*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	407.52	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*44.46*	
		For Aluminum Shingle Flashing, Add	*35.57*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	425.31	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*48.91*	
		For Aluminum Shingle Flashing, Add	*39.13*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	454.11	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	490.52	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*65.21*	
		For Aluminum Shingle Flashing, Add	*52.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	386.35	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*39.17*	
		For Aluminum Shingle Flashing, Add	*31.34*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	429.54	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*49.97*	
		For Aluminum Shingle Flashing, Add	*39.97*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	454.11	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	482.05	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*63.10*	
		For Aluminum Shingle Flashing, Add	*50.48*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	519.32	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*72.41*	
		For Aluminum Shingle Flashing, Add	*57.93*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	395.67	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*41.50*	
		For Aluminum Shingle Flashing, Add	*33.20*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	407.52	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*44.46*	
		For Aluminum Shingle Flashing, Add	*35.57*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	429.54	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*49.97*	
		For Aluminum Shingle Flashing, Add	*39.97*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	507.46	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*69.45*	
		For Aluminum Shingle Flashing, Add	*55.56*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	402.44	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*43.19*	
		For Aluminum Shingle Flashing, Add	*34.55*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	425.31	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*48.91*	
		For Aluminum Shingle Flashing, Add	*39.13*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	454.11	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	507.46	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*69.45*	
		For Aluminum Shingle Flashing, Add	*55.56*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	454.11	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*56.11*	
		For Aluminum Shingle Flashing, Add	*44.89*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	482.05	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*63.10*	
		For Aluminum Shingle Flashing, Add	*50.48*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	490.52	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*65.21*	
		For Aluminum Shingle Flashing, Add	*52.17*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	519.32	114.84
		For Tempered Laminated Low-E Insulated Glass, Add	*72.41*	
		For Aluminum Shingle Flashing, Add	*57.93*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 13 Automatic Door Operators *(08 71)*

08 71 13 00-0001 Automatic Door Operators (LCN) *(08 71 13)*

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	2,161.96
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	2,161.96

08 71 23 Door Hardware *(08 71)*

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted.

08 71 23 00-0001 Hinges *(08 71 23)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs.

08 71 23 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 23 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 23 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 23 00-0002)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 23 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	61.89	6.43
		For Clear Coated Bright Brass, Add	*3.91*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	67.79	9.18
		For Clear Coated Bright Brass, Add	*4.35*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	78.45	10.11
		For Clear Coated Bright Brass, Add	*3.63*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0007		**Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 23 00-0002)*		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 23 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	70.45	6.43
		For Clear Coated Bright Brass, Add	*5.01*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	81.72	9.18
		For Clear Coated Bright Brass, Add	*5.01*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	84.11	10.11
		For Clear Coated Bright Brass, Add	*4.43*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	98.24	11.94
		For Clear Coated Bright Brass, Add	*5.18*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	98.80	11.94
		For Clear Coated Bright Brass, Add	*5.26*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	105.24	15.34
		For Clear Coated Bright Brass, Add	*6.16*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0014		**Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 23 00-0002)*		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 23 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	79.07	6.43
08 71 23 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	90.34	9.18
08 71 23 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	93.49	10.11
08 71 23 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	108.58	11.94
08 71 23 00-0019		**Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 23 00-0002)*		
		Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 23 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	153.35	10.11
		For Clear Coated Bright Brass, Add	*14.12*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	173.18	11.94
		For Clear Coated Bright Brass, Add	*15.67*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	104.42	11.94
		For Clear Coated Bright Brass, Add	*6.05*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0023		**Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges** *(08 71 23 00-0002)*		
		Note: Mortised into the edge of the door and surface applied to the face of the frame.		
08 71 23 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	140.45	10.11
		For Clear Coated Bright Brass, Add	*12.31*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	165.64	11.94
		For Clear Coated Bright Brass, Add	*14.62*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0026		**Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge** *(08 71 23 00-0002)*		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 23 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	102.43	10.11
		For Clear Coated Bright Brass, Add	*6.99*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	118.50	15.34
		For Clear Coated Bright Brass, Add	*8.02*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	158.26	15.34
		For Clear Coated Bright Brass, Add	*13.58*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0030		**Mortised, Wrought Steel Hinges** *(08 71 23 00-0001)*		
		Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 23 00-0031		**Full Mortise, Plain Bearing, Wrought Steel Hinges** *(08 71 23 00-0030)*		
		Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 23 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	40.59	6.43
		For Primed For Paint Finish, Deduct	*-1.18*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*0.74*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.71*	
		For Stainless Steel, Add	*3.26*	
		For Heavy Duty, Add	*0.89*	
		For Extra Heavy Duty, Add	*2.37*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	52.47	9.18
		For Primed For Paint Finish, Deduct	*-1.31*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*0.82*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.78*	
		For Stainless Steel, Add	*3.59*	
		For Heavy Duty, Add	*0.98*	
		For Extra Heavy Duty, Add	*2.61*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	60.45	10.11
		For Primed For Paint Finish, Deduct	*-1.59*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.00*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.96*	
		For Stainless Steel, Add	*4.38*	
		For Heavy Duty, Add	*1.19*	
		For Extra Heavy Duty, Add	*3.18*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 23 00-0030)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 23 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	56.24	6.43
		For Primed For Paint Finish, Deduct	*-4.31*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.70*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.59*	
		For Stainless Steel, Add	*11.86*	
		For Heavy Duty, Add	*3.24*	
		For Extra Heavy Duty, Add	*8.63*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	70.36	9.18
		For Primed For Paint Finish, Deduct	*-4.88*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.05*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.93*	
		For Stainless Steel, Add	*13.43*	
		For Heavy Duty, Add	*3.66*	
		For Extra Heavy Duty, Add	*9.77*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	67.14	10.11
		For Primed For Paint Finish, Deduct	*-2.93*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.83*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.76*	
		For Stainless Steel, Add	*8.06*	
		For Heavy Duty, Add	*2.20*	
		For Extra Heavy Duty, Add	*5.86*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	96.95	11.94
		For Primed For Paint Finish, Deduct	*-7.14*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.29*	
		For Stainless Steel, Add	*19.64*	
		For Heavy Duty, Add	*5.36*	
		For Extra Heavy Duty, Add	*14.28*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	101.99	11.94
		For Primed For Paint Finish, Deduct	*-8.15*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.09*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.89*	
		For Stainless Steel, Add	*22.41*	
		For Heavy Duty, Add	*6.11*	
		For Extra Heavy Duty, Add	*16.30*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	117.35	11.94
		For Primed For Paint Finish, Deduct	*-11.22*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.73*	
		For Stainless Steel, Add	*30.86*	
		For Heavy Duty, Add	*8.42*	
		For Extra Heavy Duty, Add	*22.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 23 00-0030)*

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 23 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	65.28	6.43
		For Primed For Paint Finish, Deduct	*-6.12*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.83*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.67*	
		For Stainless Steel, Add	*16.84*	
		For Heavy Duty, Add	*4.59*	
		For Extra Heavy Duty, Add	*12.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	80.63	9.18
		For Primed For Paint Finish, Deduct	*-6.94*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.34*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.16*	
		For Stainless Steel, Add	*19.08*	
		For Heavy Duty, Add	*5.20*	
		For Extra Heavy Duty, Add	*13.88*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	91.26	10.11
		For Primed For Paint Finish, Deduct	*-7.75*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.85*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.65*	
		For Stainless Steel, Add	*21.32*	
		For Heavy Duty, Add	*5.82*	
		For Extra Heavy Duty, Add	*15.51*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	104.09	11.94
		For Primed For Paint Finish, Deduct	*-8.57*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.14*	
		For Stainless Steel, Add	*23.57*	
		For Heavy Duty, Add	*6.43*	
		For Extra Heavy Duty, Add	*17.14*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 23 00-0030)*

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 23 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	89.81	10.11
		For Primed For Paint Finish, Deduct	*-8.77*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.48*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.26*	
		For Stainless Steel, Add	*24.13*	
		For Heavy Duty, Add	*6.58*	
		For Extra Heavy Duty, Add	*17.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	101.03	10.11
		For Primed For Paint Finish, Deduct	*-9.71*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.07*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.82*	
		For Stainless Steel, Add	*26.70*	
		For Heavy Duty, Add	*7.28*	
		For Extra Heavy Duty, Add	*19.42*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 23 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	117.35	11.94
		For Primed For Paint Finish, Deduct	*-11.22*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.01*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.73*	
		For Stainless Steel, Add	*30.86*	
		For Heavy Duty, Add	*8.42*	
		For Extra Heavy Duty, Add	*22.44*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 23 00-0030)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

08 71 23 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	67.62	10.11
		For Primed For Paint Finish, Deduct	*-3.03*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.89*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.82*	
		For Stainless Steel, Add	*8.32*	
		For Heavy Duty, Add	*2.27*	
		For Extra Heavy Duty, Add	*6.05*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0053 Blank Butt Hinges *(08 71 23 00-0030)*

08 71 23 00-0054	PR	3.5" x 3.5" To 5" x 5", Blank Butt With Screws, Steel Hinge	18.36	4.13
		For Primed For Paint Finish, Deduct	*-0.39*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*0.24*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.23*	
		For Stainless Steel, Add	*1.06*	
		For Heavy Duty, Add	*0.29*	
		For Extra Heavy Duty, Add	*0.77*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 23 00-0055 Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 23 00-0030)*

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 23 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	49.12	6.43
		For Primed For Paint Finish, Deduct	*-2.89*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.81*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.73*	
		For Stainless Steel, Add	*7.95*	
08 71 23 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	64.84	9.18
		For Primed For Paint Finish, Deduct	*-3.78*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.27*	
		For Stainless Steel, Add	*10.40*	
08 71 23 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	80.29	10.11
		For Primed For Paint Finish, Deduct	*-5.56*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*3.48*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.34*	
		For Stainless Steel, Add	*15.29*	

08 71 23 00-0059 Offset And Pivot Hinges *(08 71 23 00-0001)*

Note: Satin chrome plated, US26D.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0060		Offset Swing Clear Hinges *(08 71 23 00-0059)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 23 00-0061	EA	4-1/2", Swing Clear, Offset Hinges	50.47	2.87
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*7.41*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*11.94*	
08 71 23 00-0062		Offset Pivot Hinges *(08 71 23 00-0059)*		
08 71 23 00-0063		3/4" Offset Pivot Hinges *(08 71 23 00-0062)*		
08 71 23 00-0064		3/4" Offset Pivot Hinges *(08 71 23 00-0063)*		
08 71 23 00-0065		Top Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0064)*		
08 71 23 00-0066		200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0065)*		
08 71 23 00-0067	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	84.21	9.18
08 71 23 00-0068	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	111.14	9.18
08 71 23 00-0069	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	126.11	9.18
08 71 23 00-0070	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	126.11	9.18
08 71 23 00-0071	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	126.11	9.18
08 71 23 00-0072	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	126.11	9.18
08 71 23 00-0073	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	126.11	9.18
08 71 23 00-0074	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	91.99	9.18
08 71 23 00-0075	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	115.34	9.18
08 71 23 00-0076	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	130.90	9.18
08 71 23 00-0077	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	130.90	9.18
08 71 23 00-0078	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	130.90	9.18
08 71 23 00-0079	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	130.90	9.18
08 71 23 00-0080	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	130.90	9.18
08 71 23 00-0081	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	84.21	9.18
08 71 23 00-0082	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	111.14	9.18
08 71 23 00-0083	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	126.11	9.18
08 71 23 00-0084	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	126.11	9.18
08 71 23 00-0085	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	126.11	9.18
08 71 23 00-0086	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	126.11	9.18
08 71 23 00-0087	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	126.11	9.18
08 71 23 00-0088		500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0065)*		
08 71 23 00-0089	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	88.79	11.49
08 71 23 00-0090	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	115.72	11.49
08 71 23 00-0091	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	130.69	11.49
08 71 23 00-0092	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	130.69	11.49
08 71 23 00-0093	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	130.69	11.49
08 71 23 00-0094	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	130.69	11.49
08 71 23 00-0095	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	130.69	11.49
08 71 23 00-0096		600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0065)*		
08 71 23 00-0097	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	88.79	11.49
08 71 23 00-0098	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	115.72	11.49
08 71 23 00-0099	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	130.69	11.49
08 71 23 00-0100	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	130.69	11.49
08 71 23 00-0101	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	130.69	11.49
08 71 23 00-0102	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	130.69	11.49
08 71 23 00-0103	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	130.69	11.49
08 71 23 00-0104		700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0065)*		
08 71 23 00-0105	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	88.79	11.49
08 71 23 00-0106	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	115.72	11.49
08 71 23 00-0107	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	130.69	11.49
08 71 23 00-0108	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	130.69	11.49
08 71 23 00-0109	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	130.69	11.49
08 71 23 00-0110	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	130.69	11.49
08 71 23 00-0111	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	130.69	11.49
08 71 23 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0064)*		
08 71 23 00-0113		200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0112)*		
08 71 23 00-0114	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	103.36	9.18
08 71 23 00-0115	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	126.11	9.18
08 71 23 00-0116	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	142.27	9.18
08 71 23 00-0117	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	142.27	9.18
08 71 23 00-0118	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	142.27	9.18
08 71 23 00-0119	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	142.27	9.18
08 71 23 00-0120	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	142.27	9.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0121		500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0112)*		
08 71 23 00-0122	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	115.72	11.49
08 71 23 00-0123	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	122.91	11.49
08 71 23 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	135.48	11.49
08 71 23 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	135.48	11.49
08 71 23 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	135.48	11.49
08 71 23 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	135.48	11.49
08 71 23 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	135.48	11.49
08 71 23 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0112)*		
08 71 23 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	115.72	11.49
08 71 23 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	122.91	11.49
08 71 23 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	135.48	11.49
08 71 23 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	135.48	11.49
08 71 23 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	135.48	11.49
08 71 23 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	135.48	11.49
08 71 23 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	135.48	11.49
08 71 23 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0112)*		
08 71 23 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	115.72	11.49
08 71 23 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	122.91	11.49
08 71 23 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	135.48	11.49
08 71 23 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	135.48	11.49
08 71 23 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	135.48	11.49
08 71 23 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	135.48	11.49
08 71 23 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	135.48	11.49
08 71 23 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0064)*		
08 71 23 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0145)*		
08 71 23 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	91.99	9.18
08 71 23 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	115.34	9.18
08 71 23 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	130.90	9.18
08 71 23 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	130.90	9.18
08 71 23 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	130.90	9.18
08 71 23 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	130.90	9.18
08 71 23 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	130.90	9.18
08 71 23 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	91.99	9.18
08 71 23 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	115.34	9.18
08 71 23 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	130.90	9.18
08 71 23 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	130.90	9.18
08 71 23 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	130.90	9.18
08 71 23 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	130.90	9.18
08 71 23 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	130.90	9.18
08 71 23 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	80.62	9.18
08 71 23 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	107.56	9.18
08 71 23 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	123.11	9.18
08 71 23 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	123.11	9.18
08 71 23 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	123.11	9.18
08 71 23 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	123.11	9.18
08 71 23 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	123.11	9.18
08 71 23 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0145)*		
08 71 23 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	138.47	11.49
08 71 23 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	146.85	11.49
08 71 23 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	146.85	11.49
08 71 23 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	146.85	11.49
08 71 23 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	146.85	11.49
08 71 23 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	146.85	11.49
08 71 23 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	149.24	11.49
08 71 23 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0145)*		
08 71 23 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	119.92	11.49
08 71 23 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	130.69	11.49
08 71 23 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	138.47	11.49
08 71 23 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	138.47	11.49
08 71 23 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	138.47	11.49
08 71 23 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	138.47	11.49
08 71 23 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	138.47	11.49
08 71 23 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0145)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	265.94	11.49
08 71 23 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	285.09	11.49
08 71 23 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	315.63	11.49
08 71 23 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	315.63	11.49
08 71 23 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	315.63	11.49
08 71 23 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	315.63	11.49
08 71 23 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	315.63	11.49
08 71 23 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0063)*		
08 71 23 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0192)*		
08 71 23 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0193)*		
08 71 23 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	161.22	11.49
08 71 23 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	189.34	11.49
08 71 23 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	212.08	11.49
08 71 23 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	212.08	11.49
08 71 23 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	212.08	11.49
08 71 23 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0193)*		
08 71 23 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	161.22	11.49
08 71 23 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	189.34	11.49
08 71 23 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	212.08	11.49
08 71 23 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	212.08	11.49
08 71 23 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	212.08	11.49
08 71 23 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0193)*		
08 71 23 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	161.22	11.49
08 71 23 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	189.34	11.49
08 71 23 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	212.08	11.49
08 71 23 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	212.08	11.49
08 71 23 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	212.08	11.49
08 71 23 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0193)*		
08 71 23 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	170.60	13.78
08 71 23 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	193.94	13.78
08 71 23 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	204.71	13.78
08 71 23 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	204.71	13.78
08 71 23 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	204.71	13.78
08 71 23 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0193)*		
08 71 23 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	170.60	13.78
08 71 23 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	193.94	13.78
08 71 23 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	204.71	13.78
08 71 23 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	204.71	13.78
08 71 23 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	204.71	13.78
08 71 23 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0192)*		
08 71 23 00-0225		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0224)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 23 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	166.00	11.49
	08 71 23 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	192.33	11.49
	08 71 23 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	200.11	11.49
	08 71 23 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	200.11	11.49
	08 71 23 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	200.11	11.49
	08 71 23 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0224)*		
	08 71 23 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	166.00	11.49
	08 71 23 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	192.33	11.49
	08 71 23 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	200.11	11.49
	08 71 23 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	200.11	11.49
	08 71 23 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	200.11	11.49
	08 71 23 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0224)*		
	08 71 23 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	166.00	11.49
	08 71 23 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	192.33	11.49
	08 71 23 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	200.11	11.49
	08 71 23 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	200.11	11.49
	08 71 23 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	200.11	11.49
	08 71 23 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0224)*		
	08 71 23 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	186.16	13.78
	08 71 23 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	213.09	13.78
	08 71 23 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	220.27	13.78
	08 71 23 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	220.27	13.78
	08 71 23 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	220.27	13.78
	08 71 23 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0224)*		
	08 71 23 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	186.16	13.78
	08 71 23 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	213.09	13.78
	08 71 23 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	220.27	13.78
	08 71 23 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	220.27	13.78
	08 71 23 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	220.27	13.78
	08 71 23 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0192)*		
	08 71 23 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0255)*		
	08 71 23 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	184.56	11.49
	08 71 23 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	227.05	11.49
	08 71 23 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	243.21	11.49
	08 71 23 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	243.21	11.49
	08 71 23 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	243.21	11.49

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0255)*		
08 71 23 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	181.56	11.49
08 71 23 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	192.33	11.49
08 71 23 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	219.87	11.49
08 71 23 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	219.87	11.49
08 71 23 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	219.87	11.49
08 71 23 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0255)*		
08 71 23 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	208.90	13.78
08 71 23 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	231.65	13.78
08 71 23 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	240.02	13.78
08 71 23 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	240.02	13.78
08 71 23 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	240.02	13.78
08 71 23 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 23 00-0255)*		
08 71 23 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	293.29	13.78
08 71 23 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	312.44	13.78
08 71 23 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	320.23	13.78
08 71 23 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	320.23	13.78
08 71 23 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	320.23	13.78
08 71 23 00-0280		1-1/2" Offset Pivot Hinges *(08 71 23 00-0062)*		
08 71 23 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0280)*		
08 71 23 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0281)*		
08 71 23 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0282)*		
08 71 23 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	189.34	11.49
08 71 23 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	204.30	11.49
08 71 23 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	215.67	11.49
08 71 23 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	215.67	11.49
08 71 23 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	215.67	11.49
08 71 23 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0282)*		
08 71 23 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	189.34	11.49
08 71 23 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	204.30	11.49
08 71 23 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	215.67	11.49
08 71 23 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	215.67	11.49
08 71 23 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	215.67	11.49
08 71 23 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0281)*		
08 71 23 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0295)*		
08 71 23 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	196.52	11.49
08 71 23 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	219.87	11.49
08 71 23 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	231.24	11.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	231.24	11.49
08 71 23 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	231.24	11.49
08 71 23 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0295)*		
08 71 23 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	196.52	11.49
08 71 23 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	219.87	11.49
08 71 23 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	231.24	11.49
08 71 23 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	231.24	11.49
08 71 23 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	231.24	11.49
08 71 23 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0281)*		
08 71 23 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0308)*		
08 71 23 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	192.33	11.49
08 71 23 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	219.87	11.49
08 71 23 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	231.24	11.49
08 71 23 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	231.24	11.49
08 71 23 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	231.24	11.49
08 71 23 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 23 00-0308)*		
08 71 23 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	307.84	11.49
08 71 23 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	338.97	11.49
08 71 23 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	346.75	11.49
08 71 23 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	346.75	11.49
08 71 23 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	346.75	11.49
08 71 23 00-0321		Center Hung Pivot Hinges *(08 71 23 00-0059)*		
08 71 23 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 23 00-0321)*		
08 71 23 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 23 00-0322)*		
08 71 23 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	99.78	9.18
08 71 23 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	107.56	9.18
08 71 23 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 23 00-0322)*		
08 71 23 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	104.36	11.49
08 71 23 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	112.14	11.49
08 71 23 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 23 00-0322)*		
08 71 23 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	104.36	11.49
08 71 23 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	112.14	11.49
08 71 23 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 23 00-0322)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	162.81	13.78
08 71 23 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	189.16	13.78
08 71 23 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	216.68	13.78
08 71 23 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	216.68	13.78
08 71 23 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	216.68	13.78
08 71 23 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	216.68	13.78
08 71 23 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	216.68	13.78
08 71 23 00-0355		Bottom Mount, Center Hung Pivot Hinges *(08 71 23 00-0321)*		
08 71 23 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 23 00-0355)*		
08 71 23 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	77.03	9.18
08 71 23 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	88.41	9.18
08 71 23 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	99.78	9.18
08 71 23 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	99.78	9.18
08 71 23 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	99.78	9.18
08 71 23 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	99.78	9.18
08 71 23 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	99.78	9.18
08 71 23 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 23 00-0355)*		
08 71 23 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	112.14	11.49
08 71 23 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	115.72	11.49
08 71 23 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	112.14	11.49
08 71 23 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	115.72	11.49
08 71 23 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 23 00-0355)*		
08 71 23 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	219.87	11.49
08 71 23 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	231.24	11.49
08 71 23 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	243.21	11.49
08 71 23 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	243.21	11.49
08 71 23 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	243.21	11.49
08 71 23 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	243.21	11.49
08 71 23 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	243.21	11.49
08 71 23 00-0387		1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 23 00-0355)*		
08 71 23 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	401.02	13.78
08 71 23 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	412.39	13.78
08 71 23 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	427.96	13.78
08 71 23 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	427.96	13.78
08 71 23 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	427.96	13.78
08 71 23 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	427.96	13.78
08 71 23 00-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	427.96	13.78
08 71 23 00-0395		Continuous Steel Hinges *(08 71 23 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0396	LF	1-1/2" Wide, Continuous Steel Hinge	16.79	3.67
		For Stainless Steel, Add	*1.15*	
		For Brass Or Nickel, Add	*1.25*	
		For Aluminum, Add	*0.41*	
		For Medium Gauge, Deduct	*-0.42*	
08 71 23 00-0397	LF	2" Wide, Continuous Steel Hinge	16.94	3.67
		For Stainless Steel, Add	*1.23*	
		For Brass Or Nickel, Add	*1.34*	
		For Aluminum, Add	*0.44*	
		For Medium Gauge, Deduct	*-0.45*	
08 71 23 00-0398	LF	2-1/2" Wide, Continuous Steel Hinge	17.21	3.67
		For Stainless Steel, Add	*1.38*	
		For Brass Or Nickel, Add	*1.50*	
		For Aluminum, Add	*0.49*	
		For Medium Gauge, Deduct	*-0.50*	
08 71 23 00-0399	LF	3" Wide, Continuous Steel Hinge	17.53	3.67
		For Stainless Steel, Add	*1.55*	
		For Brass Or Nickel, Add	*1.69*	
		For Aluminum, Add	*0.55*	
		For Medium Gauge, Deduct	*-0.56*	

08 71 23 00-0400 Continuous Geared Hinges *(08 71 23 00-0001)*

08 71 23 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	36.62	3.67
		For Bronze Finish, Add	*8.22*	
		For Heavy Duty, Add	*5.85*	
08 71 23 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	39.18	3.67
		For Bronze Finish, Add	*9.18*	
		For Heavy Duty, Add	*6.54*	
08 71 23 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	26.35	3.67
		For Bronze Finish, Add	*4.37*	
08 71 23 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	30.07	3.67
		For Bronze Finish, Add	*5.76*	

08 71 23 00-0405 Mortised, Primed Steel, Double Acting Spring Hinges *(08 71 23 00-0001)*

08 71 23 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	78.91	6.43
		For Satin Brass, Add	*11.22*	
08 71 23 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	88.11	8.27
		For Satin Brass, Add	*11.22*	
08 71 23 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	99.85	10.11
		For Satin Brass, Add	*11.84*	
08 71 23 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	127.95	11.94
		For Satin Brass, Add	*16.38*	
08 71 23 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	144.04	13.78
		For Satin Brass, Add	*18.03*	
08 71 23 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	171.17	15.62
		For Satin Brass, Add	*22.34*	
08 71 23 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	224.19	43.64
		For Satin Brass, Add	*32.86*	

08 71 23 00-0413 Security Hinges *(08 71 23 00-0001)*

08 71 23 00-0414	EA	4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	30.73	6.43

08 71 23 00-0415 Concealed Circuit Electric Hinge Option *(08 71 23 00-0001)*

Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.

08 71 23 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option	156.99	
08 71 23 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option	185.35	
08 71 23 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option	213.71	

08 71 23 00-0419 Hinge Filler Plates For Door Frames *(08 71 23 00-0001)*

08 71 23 00-0420	PR	Hinge Filler Plates For Door Frames	14.32	4.60

08 71 23 00-0421 Door Trim *(08 71 23)*

08 71 23 00-0422 Floor Stops, Wall Stops And Bumpers *(08 71 23 00-0421)*

08 71 23 00-0423 Floor Stops *(08 71 23 00-0422)*

08 71 23 00-0424 Aluminum Floor Stops *(08 71 23 00-0423)*

08 71 23 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	24.48	11.49
08 71 23 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	25.99	11.49
08 71 23 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	26.57	11.49
08 71 23 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	35.34	11.49
08 71 23 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	36.39	11.49

08 71 23 00-0430 Brass Floor Stops *(08 71 23 00-0423)*

08 71 23 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	26.20	11.49
08 71 23 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	26.78	11.49
08 71 23 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	26.78	11.49
08 71 23 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	27.00	11.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	27.30	11.49
08 71 23 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	27.30	11.49
08 71 23 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	27.30	11.49
08 71 23 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	26.57	11.49
08 71 23 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	27.44	11.49
08 71 23 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	27.44	11.49
08 71 23 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	27.78	11.49
08 71 23 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	28.08	11.49
08 71 23 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	28.08	11.49
08 71 23 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	29.46	11.49
08 71 23 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	27.50	11.49
08 71 23 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	27.50	11.49
08 71 23 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	28.46	11.49
08 71 23 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	28.46	11.49
08 71 23 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	28.46	11.49
08 71 23 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	28.46	11.49
08 71 23 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	28.16	11.49
08 71 23 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	28.16	11.49
08 71 23 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	29.09	11.49
08 71 23 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	29.09	11.49
08 71 23 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	29.09	11.49
08 71 23 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	29.09	11.49
08 71 23 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	36.19	11.49
08 71 23 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	36.60	11.49
08 71 23 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	37.61	11.49
08 71 23 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	38.42	11.49
08 71 23 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	38.42	11.49
08 71 23 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	41.73	11.49
08 71 23 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	41.73	11.49
08 71 23 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	40.51	11.49
08 71 23 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	41.10	11.49
08 71 23 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	41.10	11.49
08 71 23 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	41.10	11.49
08 71 23 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	41.10	11.49
08 71 23 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	45.64	11.49
08 71 23 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	45.64	11.49
08 71 23 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	31.25	11.49
08 71 23 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	32.01	11.49
08 71 23 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	33.72	11.49
08 71 23 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	33.72	11.49
08 71 23 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	33.72	11.49
08 71 23 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	34.22	11.49

08 71 23 00-0477 Steel Floor Stops *(08 71 23 00-0423)*

08 71 23 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	28.30	11.49
08 71 23 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	56.39	11.49
08 71 23 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	58.79	11.49

08 71 23 00-0481 Wall Stops *(08 71 23 00-0422)*

08 71 23 00-0482 Aluminum Wall Stops *(08 71 23 00-0481)*

08 71 23 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	11.27	4.60
08 71 23 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	16.61	6.89

08 71 23 00-0485 Brass Wall Stops *(08 71 23 00-0481)*

08 71 23 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	16.41	4.60
08 71 23 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	16.41	4.60
08 71 23 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	16.41	4.60
08 71 23 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	18.65	4.60
08 71 23 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	18.86	4.60
08 71 23 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	18.86	4.60
08 71 23 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	18.86	4.60
08 71 23 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	40.50	6.89
08 71 23 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	41.29	6.89
08 71 23 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	41.29	6.89
08 71 23 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	41.29	6.89
08 71 23 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	41.29	6.89
08 71 23 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	41.29	6.89
08 71 23 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	34.94	6.89
08 71 23 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	39.21	6.89
08 71 23 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	39.21	6.89
08 71 23 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	39.21	6.89
08 71 23 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	39.21	6.89
08 71 23 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	40.22	6.89
08 71 23 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	40.22	6.89
08 71 23 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	61.31	6.89

08 71 23 00-0507 Steel Wall Stops *(08 71 23 00-0481)*

08 71 23 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	9.62	4.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0509		Hinge Pin Door Stops *(08 71 23 00-0422)*		
08 71 23 00-0510		Aluminum Hinge Pin Door Stops *(08 71 23 00-0509)*		
08 71 23 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	19.68	9.18
08 71 23 00-0512		Brass Hinge Pin Door Stops *(08 71 23 00-0509)*		
08 71 23 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	19.92	9.18
08 71 23 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	21.48	9.18
08 71 23 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	25.23	9.18
08 71 23 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	25.23	9.18
08 71 23 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	25.23	9.18
08 71 23 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	26.99	9.18
08 71 23 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	26.99	9.18
08 71 23 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	26.99	9.18
08 71 23 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	26.99	9.18
08 71 23 00-0522		Wall Bumpers *(08 71 23 00-0422)*		
08 71 23 00-0523		Brass Wall Bumpers *(08 71 23 00-0522)*		
08 71 23 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.41	11.49
08 71 23 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.41	11.49
08 71 23 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.41	11.49
08 71 23 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.63	11.49
08 71 23 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.63	11.49
08 71 23 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.63	11.49
08 71 23 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	25.63	11.49
08 71 23 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	32.84	11.49
08 71 23 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	34.80	11.49
08 71 23 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	34.80	11.49
08 71 23 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	34.80	11.49
08 71 23 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	34.80	11.49
08 71 23 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	34.80	11.49
08 71 23 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	35.24	11.49
08 71 23 00-0538		Rubber Wall Bumpers *(08 71 23 00-0522)*		
08 71 23 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	24.63	11.49
08 71 23 00-0540		Holders *(08 71 23 00-0421)*		
08 71 23 00-0541		Plunger Type Door Holders *(08 71 23 00-0540)*		
08 71 23 00-0542		Aluminum Plunger Type Door Holders *(08 71 23 00-0541)*		
08 71 23 00-0543	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	42.45	6.89
08 71 23 00-0544		Brass Plunger Type Door Holders *(08 71 23 00-0541)*		
08 71 23 00-0545	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0546	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0547	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0548	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0549	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0550	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0551	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	65.49	6.89
08 71 23 00-0552		Kick Down Door Holders *(08 71 23 00-0540)*		
08 71 23 00-0553		Aluminum Kick Down Door Holders *(08 71 23 00-0552)*		
08 71 23 00-0554	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	18.46	6.89
08 71 23 00-0555		Brass Kick Down Door Holders *(08 71 23 00-0552)*		
08 71 23 00-0556	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	32.79	6.89
08 71 23 00-0557	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	32.79	6.89
08 71 23 00-0558	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	32.79	6.89
08 71 23 00-0559	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	36.53	6.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0560	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	36.53	6.89
08 71 23 00-0561	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	36.53	6.89
08 71 23 00-0562	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	37.47	6.89
08 71 23 00-0563		**Steel Kick Down Door Holders** *(08 71 23 00-0552)*		
08 71 23 00-0564	EA	Steel Kick Down Door Holder (Ives FS544)	21.35	6.89
08 71 23 00-0565		**Floor Mounted Door Holders** *(08 71 23 00-0540)*		
08 71 23 00-0566		**Brass Floor Mounted Door Holders** *(08 71 23 00-0565)*		
08 71 23 00-0567	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	64.46	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0568	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	64.46	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0569	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	76.88	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0570	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	76.88	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0571	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	76.88	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0572	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	76.88	13.78
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 23 00-0573		**Wall Mounted Door Holders** *(08 71 23 00-0540)*		
08 71 23 00-0574		**Aluminum Wall Mounted Door Holders** *(08 71 23 00-0573)*		
08 71 23 00-0575	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	53.41	8.04
08 71 23 00-0576	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	80.14	13.78
08 71 23 00-0577		**Brass Wall Mounted Door Holders** *(08 71 23 00-0573)*		
08 71 23 00-0578	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	49.64	8.04
08 71 23 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	56.38	8.04
08 71 23 00-0580	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	56.38	8.04
08 71 23 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	56.38	8.04
08 71 23 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	56.38	8.04
08 71 23 00-0583	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	56.38	8.04
08 71 23 00-0584	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	57.96	8.04
08 71 23 00-0585	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	55.28	8.04
08 71 23 00-0586	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	64.47	8.04
08 71 23 00-0587	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	64.47	8.04
08 71 23 00-0588	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	64.47	8.04
08 71 23 00-0589	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	64.47	8.04
08 71 23 00-0590	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	64.47	8.04
08 71 23 00-0591	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	89.31	13.78
08 71 23 00-0592	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	93.44	13.78
08 71 23 00-0593	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	93.44	13.78
08 71 23 00-0594	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	93.44	13.78
08 71 23 00-0595	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	93.44	13.78
08 71 23 00-0596	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	93.44	13.78
08 71 23 00-0597		**Overhead Door Holders** *(08 71 23 00-0540)*		
08 71 23 00-0598		**Surface Mounted, Overhead Door Holders** *(08 71 23 00-0597)*		
08 71 23 00-0599	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	280.09	22.96
		For Hold Open, Add	*27.16*	
08 71 23 00-0600	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	314.76	22.96
		For Hold Open, Add	*32.16*	
08 71 23 00-0601	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	314.76	22.96
		For Hold Open, Add	*32.16*	
08 71 23 00-0602	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	314.76	22.96
		For Hold Open, Add	*32.16*	
08 71 23 00-0603	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	313.58	22.96
		For Hold Open, Add	*31.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0604		**Heavy Duty, Surface Mounted, Overhead Door Holders** *(08 71 23 00-0597)* Note: With or without hold open feature.		
08 71 23 00-0605	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	227.73	22.96
08 71 23 00-0606	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	310.51	22.96
08 71 23 00-0607	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	346.60	22.96
08 71 23 00-0608	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	346.60	22.96
08 71 23 00-0609	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	346.60	22.96
08 71 23 00-0610		**Concealed Mounted, Overhead Door Holders** *(08 71 23 00-0597)* Note: With or without hold open feature.		
08 71 23 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	301.79	22.96
08 71 23 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	301.79	22.96
08 71 23 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	315.94	22.96
08 71 23 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	327.97	22.96
08 71 23 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	327.97	22.96
08 71 23 00-0616		**Silencers** *(08 71 23 00-0421)*		
08 71 23 00-0617	EA	Replacement Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.29	0.91
08 71 23 00-0618		**Bolts** *(08 71 23 00-0421)*		
08 71 23 00-0619		**Brass Surface Bolts** *(08 71 23 00-0618)*		
08 71 23 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	88.34	11.49
08 71 23 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	93.79	11.49
08 71 23 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	93.79	11.49
08 71 23 00-0623		**Steel Surface Bolts** *(08 71 23 00-0618)*		
08 71 23 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	46.12	11.49
08 71 23 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	46.12	11.49
08 71 23 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	46.12	11.49
08 71 23 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	50.89	11.49
08 71 23 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	51.57	11.49
08 71 23 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	52.93	11.49
08 71 23 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	52.24	11.49
08 71 23 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	54.29	11.49
08 71 23 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	57.02	11.49
08 71 23 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	59.06	11.49
08 71 23 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	86.30	11.49
08 71 23 00-0635		**Door Viewer** *(08 71 23 00-0421)*		
08 71 23 00-0636		**Brass Door Viewer** *(08 71 23 00-0635)*		
08 71 23 00-0637	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	29.46	11.49
08 71 23 00-0638	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	29.46	11.49
08 71 23 00-0639	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	29.46	11.49
08 71 23 00-0640	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	32.50	11.49
08 71 23 00-0641	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	32.50	11.49
08 71 23 00-0642	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	32.50	11.49
08 71 23 00-0643	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	36.25	11.49
08 71 23 00-0644	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	36.25	11.49
08 71 23 00-0645		**Door Knockers** *(08 71 23 00-0421)*		
08 71 23 00-0646		**Brass Door Knockers** *(08 71 23 00-0645)*		
08 71 23 00-0647	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	38.85	11.49
08 71 23 00-0648	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	41.73	11.49
08 71 23 00-0649	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	41.73	11.49
08 71 23 00-0650	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	41.73	11.49
08 71 23 00-0651	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	52.70	11.49
08 71 23 00-0652	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	59.67	11.49
08 71 23 00-0653		**Hasps** *(08 71 23 00-0421)*		
08 71 23 00-0654	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	21.27	8.67
08 71 23 00-0655	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	22.64	9.18
08 71 23 00-0656	EA	6", Zinc Plated Finish, Steel Hasp Assembly	27.58	10.34
08 71 23 00-0657	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	84.71	12.40
08 71 23 00-0658		**Flush Bolts** *(08 71 23 00-0421)*		
08 71 23 00-0659		**Flush Bolts For Metal Doors** *(08 71 23 00-0658)*		
08 71 23 00-0660		**Brass Flush Bolts For Metal Doors** *(08 71 23 00-0659)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0661		Manual, Brass Flush Bolts For Metal Doors *(08 71 23 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 23 00-0662	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	37.95	11.49
08 71 23 00-0663		Automatic, Brass Flush Bolts For Metal Doors *(08 71 23 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 23 00-0664	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	77.30	11.49
08 71 23 00-0665	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	77.30	11.49
08 71 23 00-0666	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	139.73	18.38
08 71 23 00-0667	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	135.14	16.07
08 71 23 00-0668	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	140.83	17.23
08 71 23 00-0669		Constant Latching, Brass Flush Bolts For Metal Doors *(08 71 23 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 23 00-0670	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	76.70	11.49
08 71 23 00-0671	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	139.73	18.38
08 71 23 00-0672	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	135.14	16.07
08 71 23 00-0673	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	140.83	17.23
08 71 23 00-0674		Stainless Steel Flush Bolts For Metal Doors *(08 71 23 00-0659)*		
08 71 23 00-0675		Automatic, Stainless Steel Flush Bolts For Metal Doors *(08 71 23 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 23 00-0676	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	77.30	11.49
08 71 23 00-0677	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	77.30	11.49
08 71 23 00-0678	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	139.73	18.38
08 71 23 00-0679	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	135.14	16.07
08 71 23 00-0680	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	140.83	17.23
08 71 23 00-0681		Constant Latching, Stainless Steel Flush Bolts For Metal Doors *(08 71 23 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 23 00-0682	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	76.70	11.49
08 71 23 00-0683	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	139.73	18.38
08 71 23 00-0684	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	135.14	16.07
08 71 23 00-0685	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	140.83	17.23
08 71 23 00-0686		Flush Bolts For Wood Doors *(08 71 23 00-0658)*		
08 71 23 00-0687		Brass Flush Bolts For Wood Doors *(08 71 23 00-0686)*		
08 71 23 00-0688		Manual, Brass Flush Bolts For Wood Doors *(08 71 23 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 23 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	43.04	11.49
08 71 23 00-0690		Automatic, Brass Flush Bolts For Wood Doors *(08 71 23 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 23 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	79.96	11.49
08 71 23 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	79.96	11.49
08 71 23 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	145.45	18.38
08 71 23 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	140.86	16.07
08 71 23 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 23 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 23 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	79.42	11.49
08 71 23 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	145.45	18.38
08 71 23 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	140.86	16.07
08 71 23 00-0699		Stainless Steel Flush Bolts For Wood Doors *(08 71 23 00-0686)*		
08 71 23 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 23 00-0699)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 23 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	79.96	11.49
08 71 23 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	79.96	11.49
08 71 23 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	145.45	18.38
08 71 23 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	140.86	16.07
08 71 23 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 23 00-0699)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 23 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	79.42	11.49
08 71 23 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	145.45	18.38
08 71 23 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	140.86	16.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0709		**Dust Proof Strikes** *(08 71 23 00-0658)*		
08 71 23 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	32.96	9.18
08 71 23 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	32.96	9.18
08 71 23 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	32.96	9.18
08 71 23 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	32.96	9.18
08 71 23 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	32.96	9.18
08 71 23 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	36.77	9.18
08 71 23 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	36.77	9.18
08 71 23 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	36.77	9.18
08 71 23 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	36.77	9.18
08 71 23 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	36.77	9.18
08 71 23 00-0720		**Roller Bumpers** *(08 71 23 00-0421)*		
08 71 23 00-0721		**Brass Roller Bumpers** *(08 71 23 00-0720)*		
08 71 23 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	32.06	6.89
08 71 23 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	36.61	6.89
08 71 23 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	36.61	6.89
08 71 23 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	31.03	6.89
08 71 23 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	34.50	6.89
08 71 23 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	34.50	6.89
08 71 23 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	34.50	6.89
08 71 23 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	32.13	6.89
08 71 23 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	34.58	6.89
08 71 23 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	35.74	6.89
08 71 23 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	35.74	6.89
08 71 23 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	35.74	6.89
08 71 23 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	35.74	6.89
08 71 23 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	35.74	6.89
08 71 23 00-0736		**Other Door Trim** *(08 71 23 00-0421)*		
08 71 23 00-0737		**Coat And Hat Hooks** *(08 71 23 00-0736)*		
08 71 23 00-0738		**Aluminum Coat And Hat Hooks** *(08 71 23 00-0737)*		
08 71 23 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	15.29	6.89
08 71 23 00-0740	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	15.29	6.89
08 71 23 00-0741	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	15.37	6.89
08 71 23 00-0742	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	15.23	6.89
08 71 23 00-0743	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	15.23	6.89
08 71 23 00-0744	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	15.23	6.89
08 71 23 00-0745	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	15.37	6.89
08 71 23 00-0746	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	15.80	6.89
08 71 23 00-0747	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	15.80	6.89
08 71 23 00-0748	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	15.80	6.89
08 71 23 00-0749	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	15.80	6.89
08 71 23 00-0750	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	15.80	6.89
08 71 23 00-0751		**Brass Coat And Hat Hooks** *(08 71 23 00-0737)*		
08 71 23 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	17.60	6.89
08 71 23 00-0753	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	17.83	6.89
08 71 23 00-0754	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	18.18	6.89
08 71 23 00-0755	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	18.18	6.89
08 71 23 00-0756	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	18.40	6.89
08 71 23 00-0757	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	19.12	6.89
08 71 23 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	20.14	6.89
08 71 23 00-0759	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	20.14	6.89
08 71 23 00-0760	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	20.14	6.89
08 71 23 00-0761	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	20.36	6.89
08 71 23 00-0762		**Door Plates And Pulls** *(08 71 23)*		
08 71 23 00-0763		**Kick Plate** *(08 71 23 00-0762)* Note: Ives 8400.		
08 71 23 00-0764		**Aluminum Base Material Kick Plate** *(08 71 23 00-0763)*		
08 71 23 00-0765		**Satin Aluminum Finish, Aluminum Kick Plate** *(08 71 23 00-0764)*		
08 71 23 00-0766	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	38.82	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0767	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	39.86	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0768	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	40.87	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0769	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	41.90	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0770	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	44.78	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0771	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.78	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0772	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.82	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0773	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	47.83	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0774	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.69	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0775	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.71	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0776	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.73	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0777	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.61	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0778	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.63	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0779	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	57.65	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0780	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	41.65	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0781	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	42.94	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0782	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	44.20	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0783	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.49	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0784	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	48.61	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0785	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.88	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0786	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.17	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0787	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.44	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0788	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.56	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0789	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.83	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0790	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.12	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0791	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.24	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0792	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.51	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0793	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.79	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0794	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	44.47	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0795	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.99	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0796	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	47.55	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0797	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.06	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0798	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.44	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0799	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.98	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0800	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.51	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0801	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	57.05	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0802	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	60.42	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0803	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.95	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0804	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.50	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0805	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.87	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0806	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.40	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0807	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.95	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0808	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.11	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0809	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.90	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0810	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.71	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0811	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.51	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0812	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.12	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0813	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.91	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0814	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.70	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0815	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.50	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0816	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.13	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0817	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.91	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0818	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.70	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0819	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.33	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0820	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.14	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0821	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.93	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0822	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.94	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0823	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.98	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0824	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.04	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0825	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.08	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0826	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.91	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0827	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.01	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0828	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.07	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0829	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.11	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0830	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.99	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0831	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	74.05	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0832	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.09	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0833	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.97	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0834	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.02	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0835	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.09	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0836	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.37	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0837	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.82	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0838	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.28	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0839	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.73	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0840	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.00	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0841	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.45	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0842	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.91	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0843	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	75.36	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0844	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.65	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0845	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.11	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0846	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.56	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0847	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.85	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0848	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.30	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0849	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	93.76	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0850	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.20	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0851	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.92	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0852	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.64	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0853	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.37	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0854	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.93	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0855	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.66	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0856	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.38	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0857	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.11	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0858	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	86.67	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0859	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.39	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0860	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.12	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0861	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.68	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0862	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.41	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0863	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.13	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0864	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.19	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0865	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.19	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0866	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.18	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0867	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.18	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0868	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0869	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0870	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0871	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.01	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0872	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.85	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0873	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.84	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0874	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.84	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0875	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.67	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0876	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.67	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0877	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.66	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0878	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.19	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0879	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.45	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0880	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.73	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0881	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.00	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0882	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	82.11	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0883	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.37	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0884	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.64	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0885	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.92	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0886	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.02	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0887	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.29	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0888	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.56	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0889	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	108.66	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0890	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.94	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0891	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.21	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-0892 Brass Base Material Kick Plate *(08 71 23 00-0763)*

08 71 23 00-0893 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 23 00-0892)*

08 71 23 00-0894	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	64.84	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0895	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	68.22	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0896	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	71.62	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0897	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	75.00	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0898	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	80.23	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0899	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	83.64	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0900	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	87.02	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0901	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	90.41	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0902	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	95.62	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0903	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	99.00	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0904	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	102.39	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0905	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	107.61	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0906	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	111.02	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0907	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	114.41	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0908	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	74.17	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0909	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	78.39	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0910	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	82.63	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0911	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	86.87	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0912	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	92.93	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0913	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	97.17	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0914	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	101.42	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0915	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	105.65	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0916	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	111.71	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0917	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	115.95	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0918	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	120.20	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0919	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	126.26	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0920	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	130.50	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0921	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	134.74	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0922	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	83.46	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0923	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	88.57	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0924	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	93.64	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0925	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.72	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0926	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	105.65	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0927	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	110.74	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0928	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	115.82	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0929	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	120.89	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0930	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	127.83	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0931	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	132.90	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0932	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.98	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0933	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	144.90	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0934	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	149.97	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0935	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	155.08	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0936	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	94.64	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0937	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	100.56	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0938	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	106.49	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0939	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	112.43	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0940	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	120.20	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0941	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	126.13	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0942	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	132.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0943	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.98	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0944	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	145.75	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0945	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	151.68	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0946	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	157.60	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0947	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	165.38	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0948	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	171.32	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0949	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	177.25	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0950	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	127.62	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0951	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	136.57	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0952	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	145.50	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0953	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	154.42	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0954	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	165.17	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0955	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	174.11	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0956	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	183.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0957	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.96	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0958	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	202.75	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0959	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.69	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0960	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	220.61	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0961	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.37	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0962	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	240.30	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0963	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	249.24	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0964	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	139.71	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0965	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	149.74	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0966	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	159.75	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0967	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	169.80	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0968	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	181.65	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0969	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.66	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0970	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	201.71	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0971	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.72	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0972	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	223.61	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0973	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0974	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.65	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0975	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	255.53	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0976	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	265.55	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0977	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	275.57	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0978	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	153.79	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0979	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	164.93	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0980	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	176.08	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0981	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	187.20	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0982	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.20	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0983	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.34	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0984	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	222.48	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0985	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0986	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	246.59	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0987	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	257.75	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0988	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.89	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0989	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	281.87	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-0990	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	293.02	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0991	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	304.14	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0992	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	166.06	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0993	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	178.30	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0994	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	190.55	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0995	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	202.82	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0996	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	216.91	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0997	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	229.18	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0998	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	241.43	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-0999	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	253.69	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1000	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	267.77	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1001	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	280.03	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1002	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	292.29	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1003	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	306.39	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1004	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	318.65	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1005	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	330.88	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1006	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	178.30	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1007	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.66	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1008	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	205.05	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1009	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	218.42	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1010	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	233.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1011	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	246.99	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1012	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	260.37	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1013	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	274.47	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1014	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	288.94	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1015	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	302.30	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1016	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	315.68	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1017	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	330.88	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1018	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	344.28	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1019	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	357.64	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1020 Bright/Satin Chrome Finish, Brass Kick Plate *(08 71 23 00-0892)*

08 71 23 00-1021	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	68.67	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1022	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	72.41	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1023	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	76.15	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1024	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	79.89	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1025	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	85.46	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1026	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	89.19	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1027	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	92.93	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1028	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	96.67	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1029	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	102.24	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1030	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.99	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1031	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	109.72	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1032	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	115.30	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1033	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	119.04	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1034	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	122.78	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1035	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	78.95	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1036	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	83.62	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1037	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	88.29	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1038	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	92.96	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1039	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	99.49	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1040	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	104.16	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1041	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	108.83	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1042	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	113.50	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1043	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	120.00	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1044	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	124.67	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1045	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.34	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1046	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	135.85	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1047	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	140.52	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1048	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	145.19	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1049	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	89.23	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1050	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	94.83	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1051	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	100.45	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1052	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	106.05	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1053	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	113.50	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1054	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	119.11	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1055	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	124.71	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1056	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	130.31	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1057	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	137.74	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1058	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	143.35	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1059	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	148.96	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1060	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	156.40	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1061	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	162.03	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1062	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	167.63	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	101.34	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	107.89	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	114.44	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	120.97	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.34	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	135.88	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	142.41	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	148.96	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	157.36	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	163.89	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	170.42	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	167.02	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	185.34	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	191.89	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	139.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	149.00	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	158.97	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	168.93	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	180.73	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	190.69	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	200.67	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	210.64	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	222.44	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	232.41	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	242.37	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	254.18	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	264.14	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	274.11	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1091	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	152.38	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1092	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	163.57	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1093	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	174.74	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1094	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	185.93	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1095	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	198.93	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1096	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1097	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	221.29	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1098	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	232.47	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1099	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	245.47	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1100	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1101	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	267.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1102	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	280.86	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1103	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	292.06	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1104	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	303.22	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1105	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	167.86	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1106	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	180.31	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1107	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	192.71	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1108	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	205.15	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1109	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	219.40	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1110	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	231.82	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1111	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	244.25	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1112	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1113	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	270.95	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1114	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	283.35	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1115	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	295.77	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1116	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	310.04	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1117	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	322.46	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1118	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	334.89	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1119	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	181.53	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1120	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1121	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	208.87	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1122	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	222.52	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1123	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	238.04	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1124	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	251.70	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1125	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	265.37	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1126	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	279.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1127	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	294.54	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1128	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	308.20	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1129	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	321.87	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1130	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	337.37	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1131	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	351.02	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1132	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1133	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1134	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1135	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	225.01	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1136	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	239.92	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1137	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1138	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	271.57	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1139	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	286.50	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1140	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	301.38	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1141	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	318.13	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1142	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	333.05	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1143	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	347.96	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1144	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1145	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	379.61	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1146	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	394.51	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1147		Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 23 00-0892)*		
08 71 23 00-1148	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	69.40	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1149	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	73.19	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1150	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	77.01	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1151	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	80.79	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1152	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	86.45	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1153	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	90.25	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1154	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	94.06	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1155	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	97.86	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1156	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	103.47	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1157	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	107.29	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1158	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	111.09	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1159	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	116.74	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1160	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	120.54	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1161	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	124.35	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1162	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	79.85	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1163	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	84.61	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1164	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	89.36	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1165	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	94.11	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1166	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	100.70	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1167	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	105.46	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1168	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	110.21	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1169	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	114.96	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1170	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	121.55	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1171	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	126.31	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1172	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	131.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1173	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	137.66	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1174	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.40	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1175	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	147.16	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1176	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	90.31	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1177	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	96.02	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1178	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	101.71	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1179	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	107.42	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1180	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	114.96	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1181	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	120.68	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1182	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	126.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1183	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	132.08	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1184	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	139.62	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1185	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	145.32	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1186	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	151.01	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1187	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	158.56	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1188	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	164.28	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1189	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	169.97	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1190	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	102.60	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	109.26	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	115.91	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	122.56	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	131.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	137.71	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	144.36	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	151.01	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	159.51	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	166.17	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	172.82	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	181.32	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	187.99	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	194.65	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1204	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	139.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1205	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	149.00	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1206	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	158.97	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1207	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	168.93	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1208	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.73	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1209	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	190.69	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1210	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	200.67	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1211	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.64	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1212	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	222.44	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1213	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	232.41	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1214	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	242.37	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1215	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	254.18	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1216	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	264.14	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1217	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	274.11	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1218	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	152.38	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1219	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	163.57	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1220	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	174.74	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1221	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	185.93	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1222	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	198.93	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1223	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1224	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	221.29	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1225	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	232.47	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1226	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.47	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1227	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1228	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	267.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1229	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	280.86	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1230	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	292.06	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1231	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	303.22	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1232	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	167.86	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1233	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.31	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1234	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	192.71	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1235	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	205.15	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1236	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	219.40	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1237	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	231.82	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1238	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	244.25	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1239	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1240	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	270.95	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1241	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	283.35	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1242	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	295.77	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1243	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.04	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1244	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	322.46	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1245	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	334.89	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1246	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	181.53	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1247	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1248	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	208.87	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1249	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	222.52	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1250	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	238.04	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1251	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.70	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1252	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	265.37	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	279.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	294.54	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	308.20	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	321.87	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	337.37	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	351.02	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1260	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1261	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1262	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.01	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1263	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	239.92	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1264	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1265	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	271.57	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1266	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	286.50	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1267	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	301.38	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1268	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	318.13	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1269	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	333.05	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1270	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	347.96	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1271	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1272	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	379.61	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1273	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	394.51	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1274 Satin Nickel Finish, Brass Kick Plate *(08 71 23 00-0892)*

08 71 23 00-1275	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	69.40	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1276	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	73.19	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1277	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	77.01	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1278	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	80.79	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1279	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	86.45	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1280	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	90.25	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1281	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	94.06	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1282	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	97.86	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1283	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	103.47	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1284	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	107.29	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1285	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	111.09	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1286	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	116.74	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1287	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	120.54	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1288	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	124.35	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1289	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	79.85	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1290	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	84.61	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1291	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	89.36	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1292	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	94.11	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1293	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	100.70	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1294	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	105.46	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1295	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	110.21	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1296	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	114.96	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1297	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	121.55	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1298	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	126.31	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1299	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	131.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1300	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	137.66	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1301	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	142.40	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1302	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	147.16	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1303	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	90.31	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1304	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	96.02	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1305	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	101.71	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1306	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	107.42	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1307	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	114.96	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1308	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	120.68	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1309	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	126.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1310	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	132.08	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1311	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	139.62	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1312	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	145.32	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1313	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	151.01	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1314	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	158.56	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1315	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	164.28	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1316	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	169.97	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1317	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	102.60	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1318	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	109.26	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1319	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	115.91	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1320	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	122.56	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1321	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	131.05	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1322	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	137.71	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1323	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	144.36	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1324	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	151.01	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1325	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	159.51	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1326	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	166.17	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1327	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	172.82	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1328	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	181.32	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1329	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	187.99	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1330	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	194.65	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1331	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	139.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1332	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	149.00	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1333	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	158.97	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1334	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	168.93	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1335	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	180.73	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1336	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	190.69	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1337	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	200.67	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1338	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	210.64	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1339	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	222.44	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1340	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	232.41	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1341	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	242.37	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1342	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	254.18	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1343	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	264.14	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1344	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	274.11	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1345	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	152.38	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1346	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	163.57	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1347	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	174.74	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1348	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	185.93	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1349	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	198.93	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1350	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1351	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	221.29	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1352	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	232.47	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1353	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	245.47	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1354	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1355	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	267.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1356	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	280.86	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1357	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	292.06	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1358	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	303.22	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1359	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	167.86	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1360	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	180.31	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1361	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	192.71	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1362	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	205.15	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1363	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	219.40	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1364	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	231.82	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1365	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	244.25	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1366	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1367	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	270.95	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1368	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	283.35	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1369	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	295.77	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1370	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	310.04	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1371	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	322.46	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1372	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	334.89	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1373	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	181.53	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1374	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1375	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	208.87	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1376	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	222.52	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1377	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	238.04	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1378	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	251.70	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1379	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	265.37	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1380	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	279.02	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1381	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	294.54	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1382	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	308.20	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1383	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	321.87	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1384	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	337.37	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1385	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	351.02	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1386	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1387	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	195.21	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1388	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	210.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1389	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	225.01	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1390	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	239.92	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1391	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	256.67	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1392	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	271.57	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1393	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	286.50	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1394	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	301.38	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1395	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	318.13	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1396	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	333.05	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1397	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	347.96	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1398	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	364.70	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1399	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	379.61	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1400	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	394.51	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1401 Stainless Base Material Kick Plate *(08 71 23 00-0763)*

08 71 23 00-1402 Satin Stainless Finish, Stainless Kick Plate *(08 71 23 00-1401)*

08 71 23 00-1403	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	40.61	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1404	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	41.82	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1405	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	42.99	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1406	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	44.20	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1407	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.22	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1408	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1409	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.60	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1410	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	50.78	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1411	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.80	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1412	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.99	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1413	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.17	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1414	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.20	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1415	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.39	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1416	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.57	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1417	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	43.88	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1418	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	45.38	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1419	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	46.87	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1420	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.34	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1421	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	51.68	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1422	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.16	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1423	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.64	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1424	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.11	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1425	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.45	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1426	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.92	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1427	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.40	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1428	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.74	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1429	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.22	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1430	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.70	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1431	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	47.16	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1432	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.94	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1433	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	50.72	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1434	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	52.50	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1435	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.11	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1436	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.90	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1437	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.67	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1438	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.47	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1439	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.06	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1440	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.86	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1441	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.65	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1442	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.26	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1443	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.05	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1444	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.82	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1445	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	52.27	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1446	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.34	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1447	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.43	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1448	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.51	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1449	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.40	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1450	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.49	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1451	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.56	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1452	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.65	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1453	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.58	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1454	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.63	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1455	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.72	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.64	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.72	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.81	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.24	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.90	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1461	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.44	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1462	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.98	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1463	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.35	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1464	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.89	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1465	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.44	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1466	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.97	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1467	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.35	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1468	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.91	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1469	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.46	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1470	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.04	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1471	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.37	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1472	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.92	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1473	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.14	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1474	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.95	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1475	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.73	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1476	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.53	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1477	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.17	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1478	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.95	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1479	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.74	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1480	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.53	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1481	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.17	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1482	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.97	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1483	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.75	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1484	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.40	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1485	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.21	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1486	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.99	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1487	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.39	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1488	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.50	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1489	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.61	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1490	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.70	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1491	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.65	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1492	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.77	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1493	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1494	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.97	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1495	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.91	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1496	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.02	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1497	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.14	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1498	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.07	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1499	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.18	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1500	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.28	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1501	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.80	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1502	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.23	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1503	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.63	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1504	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.06	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1505	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.30	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1506	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.73	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1507	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.14	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1508	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.56	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.81	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.23	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.66	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.89	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	115.33	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.72	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.23	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.95	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.69	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.40	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.97	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.70	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.42	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.15	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	105.72	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.44	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.17	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.72	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.46	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.20	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1529 Bright Stainless Finish, Stainless Kick Plate *(08 71 23 00-1401)*

08 71 23 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	57.64	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	60.39	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	63.12	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	65.85	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	70.42	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	73.16	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	75.89	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	78.64	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	83.18	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.93	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1540	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.67	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1541	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	93.24	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1542	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.97	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1543	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	98.70	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1544	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	65.17	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1545	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	68.58	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1546	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	72.01	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1547	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	75.43	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1548	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.68	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1549	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	84.10	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1550	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	87.53	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1551	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	90.95	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1552	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.19	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1553	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.61	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1554	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.04	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1555	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	108.27	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1556	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	111.71	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1557	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.13	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1558	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	72.68	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1559	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	76.80	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1560	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	80.90	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1561	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.00	6.89
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1562	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	90.95	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1563	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1564	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	99.14	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1565	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.25	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1566	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.18	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1567	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.29	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.38	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1569	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.33	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1570	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.43	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1571	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.53	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1572	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	82.06	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1573	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	86.84	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1574	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.63	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1575	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.42	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1576	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.04	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1577	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.81	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1578	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.60	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1579	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.38	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1580	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.02	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1581	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	128.81	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1582	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.59	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1583	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.22	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1584	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	144.99	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1585	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	149.77	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1586	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	89.57	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1587	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	95.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1588	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.52	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1589	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.98	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1590	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.29	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1591	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.76	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1592	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.22	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1593	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	129.69	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1594	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.00	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1595	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	142.46	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1596	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.93	8.27
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1597	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.25	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1598	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	160.73	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1599	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.20	8.73
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1600	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	97.89	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1601	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	104.14	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1602	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.35	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1603	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.60	7.35
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1604	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.65	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1605	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.86	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1606	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.11	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1607	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	146.87	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1608	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.40	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1609	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1610	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	163.85	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1611	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.92	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1612	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.15	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1613	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	184.37	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1614	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.35	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1615	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	114.26	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1616	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.19	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1617	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	128.10	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1618	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	136.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1619	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	143.79	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1620	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	150.69	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1621	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1622	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.37	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1623	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	173.30	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1624	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.22	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1625	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.97	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1626	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	195.90	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1627	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.81	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1628	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	114.96	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1629	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.57	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1630	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.17	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1631	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	137.78	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1632	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.24	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1633	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.86	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1634	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.47	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1635	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	170.08	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1636	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.53	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1637	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	187.13	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1638	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	194.74	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1639	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	204.19	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1640	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	211.82	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1641	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.42	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1642	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.57	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1643	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.86	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1644	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	139.17	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1645	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.47	7.81
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1646	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	157.63	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1647	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	165.92	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1648	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	174.22	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1649	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	182.53	8.27
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1650	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.68	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1651	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	200.97	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1652	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	209.28	8.73
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1653	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.42	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1654	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	227.74	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1655	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	236.03	9.18
		For Four Beveled Edges, Add	*6.30*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1656 Plastic Kick Plate *(08 71 23 00-0763)*

08 71 23 00-1657 Clear Or Black Finish, Plastic Kick Plate *(08 71 23 00-1656)*

Note: With four beveled edges.

08 71 23 00-1658	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	37.07	6.89
08 71 23 00-1659	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	37.92	6.89
08 71 23 00-1660	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	38.81	6.89
08 71 23 00-1661	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	39.67	6.89
08 71 23 00-1662	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	42.38	7.35
08 71 23 00-1663	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	43.24	7.35
08 71 23 00-1664	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	44.09	7.35
08 71 23 00-1665	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	44.97	7.35
08 71 23 00-1666	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.71	7.81
08 71 23 00-1667	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.51	7.81
08 71 23 00-1668	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	49.39	7.81
08 71 23 00-1669	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.10	8.27
08 71 23 00-1670	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.97	8.27
08 71 23 00-1671	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.83	8.27
08 71 23 00-1672	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	39.45	6.89
08 71 23 00-1673	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	40.54	6.89
08 71 23 00-1674	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	41.61	6.89
08 71 23 00-1675	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	42.68	6.89
08 71 23 00-1676	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	45.61	7.35
08 71 23 00-1677	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	46.68	7.35
08 71 23 00-1678	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	47.78	7.35
08 71 23 00-1679	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.85	7.35
08 71 23 00-1680	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.77	7.81
08 71 23 00-1681	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.84	7.81
08 71 23 00-1682	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.93	7.81
08 71 23 00-1683	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.84	8.27
08 71 23 00-1684	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.93	8.27
08 71 23 00-1685	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.01	8.27
08 71 23 00-1686	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	41.83	6.89
08 71 23 00-1687	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	43.13	6.89
08 71 23 00-1688	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	44.41	6.89
08 71 23 00-1689	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	45.72	6.89
08 71 23 00-1690	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.85	7.35
08 71 23 00-1691	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.16	7.35
08 71 23 00-1692	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.46	7.35
08 71 23 00-1693	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.75	7.35
08 71 23 00-1694	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.86	7.81
08 71 23 00-1695	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.17	7.81
08 71 23 00-1696	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.48	7.81
08 71 23 00-1697	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.60	8.27
08 71 23 00-1698	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.91	8.27
08 71 23 00-1699	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.19	8.27
08 71 23 00-1700	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	46.04	7.35
08 71 23 00-1701	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	47.56	7.35
08 71 23 00-1702	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	49.07	7.35
08 71 23 00-1703	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.59	7.35
08 71 23 00-1704	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.93	7.81
08 71 23 00-1705	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.43	7.81
08 71 23 00-1706	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.95	7.81
08 71 23 00-1707	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.48	7.81
08 71 23 00-1708	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.82	8.27
08 71 23 00-1709	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.34	8.27
08 71 23 00-1710	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.85	8.27
08 71 23 00-1711	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.19	8.73
08 71 23 00-1712	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.72	8.73
08 71 23 00-1713	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.22	8.73
08 71 23 00-1714	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.27	7.35
08 71 23 00-1715	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.27	7.35
08 71 23 00-1716	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.23	7.35
08 71 23 00-1717	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.22	7.35
08 71 23 00-1718	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.05	7.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1719	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.03	7.81
08 71 23 00-1720	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.03	7.81
08 71 23 00-1721	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.00	7.81
08 71 23 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.84	8.27
08 71 23 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.82	8.27
08 71 23 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.82	8.27
08 71 23 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.65	8.73
08 71 23 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.62	8.73
08 71 23 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.61	8.73
08 71 23 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.99	7.35
08 71 23 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	56.24	7.35
08 71 23 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.46	7.35
08 71 23 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.71	7.35
08 71 23 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.41	7.81
08 71 23 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.00	7.81
08 71 23 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.25	7.81
08 71 23 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.48	7.81
08 71 23 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.56	8.27
08 71 23 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.80	8.27
08 71 23 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.03	8.27
08 71 23 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.11	8.73
08 71 23 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.34	8.73
08 71 23 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.59	8.73
08 71 23 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.56	7.81
08 71 23 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.05	7.81
08 71 23 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.53	7.81
08 71 23 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.02	7.81
08 71 23 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.35	8.27
08 71 23 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.82	8.27
08 71 23 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.31	8.27
08 71 23 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.80	8.27
08 71 23 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.12	8.73
08 71 23 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.61	8.73
08 71 23 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.08	8.73
08 71 23 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.41	9.18
08 71 23 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.90	9.18
08 71 23 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.38	9.18
08 71 23 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.30	7.81
08 71 23 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.02	7.81
08 71 23 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.76	7.81
08 71 23 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.48	7.81
08 71 23 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.07	8.27
08 71 23 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.81	8.27
08 71 23 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.53	8.27
08 71 23 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.27	8.27
08 71 23 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.83	8.73
08 71 23 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.57	8.73
08 71 23 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.31	8.73
08 71 23 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.87	9.18
08 71 23 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.61	9.18
08 71 23 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.33	9.18
08 71 23 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.02	7.81
08 71 23 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.00	7.81
08 71 23 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.00	7.81
08 71 23 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.98	7.81
08 71 23 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.80	8.27
08 71 23 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.77	8.27
08 71 23 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.75	8.27
08 71 23 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.75	8.27
08 71 23 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.57	8.73
08 71 23 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.54	8.73
08 71 23 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.52	8.73
08 71 23 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.33	9.18
08 71 23 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.34	9.18
08 71 23 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.32	9.18

08 71 23 00-1784 Mop Plate *(08 71 23 00-0762)*

Note: Ives 8400.

08 71 23 00-1785 Aluminum Base Material Mop Plate *(08 71 23 00-1784)*

08 71 23 00-1786 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 23 00-1785)*

08 71 23 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	33.50	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	34.12	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	34.73	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	35.35	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1791	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.09	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1792	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.69	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1793	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.31	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1794	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.91	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1795	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.10	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1796	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.71	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1797	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.33	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1798	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.77	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1799	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.39	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1800	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.99	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1801	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	36.88	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1802	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.80	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1803	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.74	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1804	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	39.66	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1805	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.70	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1806	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.60	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1807	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.55	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1808	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.46	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1809	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.95	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1810	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.87	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1811	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.80	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1812	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.55	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1813	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.48	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1814	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.39	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1815		Brass Base Material Mop Plate *(08 71 23 00-1784)*		
08 71 23 00-1816		Bright/Satin Brass Finish, Brass Mop Plate *(08 71 23 00-1815)*		
08 71 23 00-1817	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	46.50	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1818	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	48.31	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1819	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	50.10	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1820	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	51.91	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1821	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	54.81	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1822	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	56.60	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1823	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	58.41	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1824	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	60.20	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1825	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	63.56	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1826	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	65.36	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1827	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	67.15	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1828	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	70.78	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1829	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	72.58	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1830	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	74.39	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1831	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	56.40	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1832	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	59.09	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1833	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	61.79	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1834	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	64.48	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1835	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	68.29	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1836	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	71.00	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1837	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	73.68	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1838	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	76.39	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1839	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	80.63	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1840	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	83.34	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1841	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	86.04	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1842	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	90.56	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1843	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	93.26	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1844	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	95.95	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1845 Bright/Satin Chrome Finish, Brass Mop Plate *(08 71 23 00-1815)*

08 71 23 00-1846	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	48.37	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1847	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	50.33	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1848	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	52.30	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1849	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	54.27	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1850	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	57.33	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1851	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	59.30	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1852	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	61.27	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1853	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	63.23	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1854	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	66.76	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1855	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	68.74	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1856	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	70.71	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1857	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	74.51	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1858	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	76.47	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1859	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	78.44	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1860	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	59.18	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1861	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	62.12	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1862	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	65.08	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1863	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	68.04	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1864	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	72.09	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1865	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	75.05	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1866	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	77.98	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1867	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	80.94	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1868	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	85.46	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1869	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	88.40	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1870	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	91.36	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1871	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	96.13	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1872	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	99.09	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1873	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	102.04	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 23 00-1815)*

08 71 23 00-1875	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	48.72	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1876	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	50.72	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1877	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	52.72	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1878	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	54.71	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1879	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	57.83	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1880	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	59.83	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1881	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	61.84	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1882	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	63.84	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1883	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	67.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1884	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	69.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1885	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	71.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1886	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	75.23	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1887	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	77.23	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1888	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	79.22	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1889	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	59.71	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1890	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	62.73	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1891	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	65.73	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1892	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	74.56	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1893	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	72.83	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1894	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	75.83	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1895	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	78.82	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1896	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	81.82	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1897	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	86.40	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1898	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1899	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	92.39	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1900	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	97.21	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1901	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	100.21	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1902	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	103.20	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1903 Satin Nickel Finish, Brass Mop Plate *(08 71 23 00-1815)*

08 71 23 00-1904	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	49.15	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1905	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	51.17	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1906	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	53.22	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1907	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	55.26	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1908	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	58.41	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1909	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	60.44	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1910	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	62.48	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1911	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	64.52	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1912	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	68.13	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1913	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	70.16	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1914	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	72.18	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1915	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	76.07	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1916	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	78.11	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1917	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	80.12	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1918	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	60.35	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1919	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	63.41	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1920	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	66.46	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	69.51	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	73.68	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	76.73	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	79.79	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	82.85	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	87.47	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	90.53	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	93.59	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	98.47	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	101.53	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	104.59	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1932 Stainless Base Material Mop Plate *(08 71 23 00-1784)*

08 71 23 00-1933 Satin Stainless Finish, Stainless Mop Plate *(08 71 23 00-1932)*

08 71 23 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	33.94	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.57	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.23	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.88	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.65	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.31	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.95	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.61	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	41.82	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.48	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.14	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1945	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	45.61	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1946	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	46.27	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1947	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	46.91	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1948	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.51	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1949	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.50	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1950	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.48	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1951	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	40.47	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1952	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.55	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1953	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.52	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1954	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.52	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1955	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	45.49	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1956	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	48.04	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1957	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	49.01	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1958	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	49.99	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1959	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.81	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1960	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	53.78	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1961	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.77	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

08 71 23 00-1962 Bright Stainless Finish, Stainless Mop Plate *(08 71 23 00-1932)*

08 71 23 00-1963	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	42.72	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1964	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	44.18	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1965	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.65	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1966	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	47.08	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1967	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	49.66	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1968	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	51.11	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1969	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	52.57	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1970	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	54.03	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1971	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.03	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1972	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	58.49	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1973	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	59.96	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1974	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	63.24	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1975	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	64.70	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1976	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	66.14	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1977	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	50.72	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1978	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	52.92	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1979	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	55.10	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1980	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.29	6.71
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1981	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	60.57	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1982	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	62.75	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1983	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	64.93	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1984	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	67.11	6.98
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1985	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	70.86	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1986	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	73.05	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1987	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	75.23	7.35
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1988	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	79.24	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1989	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	81.41	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-1990	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	83.59	7.81
		For Four Beveled Edges, Add	*1.76*	
		For Counter Sink Holes, Add	*5.60*	
		For UL Label (Fire Rated), Add	*9.80*	
08 71 23 00-1991		Plastic Mop Plate *(08 71 23 00-1784)*		
08 71 23 00-1992		Clear Or Black Finish, Plastic Mop Plate *(08 71 23 00-1991)*		
		Note: With four beveled edges.		
08 71 23 00-1993	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	32.72	6.71
		Note: 4 sides beveled.		
08 71 23 00-1994	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	33.26	6.71
		Note: 4 sides beveled.		
08 71 23 00-1995	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	33.82	6.71
		Note: 4 sides beveled.		
08 71 23 00-1996	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	34.36	6.71
		Note: 4 sides beveled.		
08 71 23 00-1997	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	36.01	6.98
		Note: 4 sides beveled.		
08 71 23 00-1998	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	36.56	6.98
		Note: 4 sides beveled.		
08 71 23 00-1999	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	37.10	6.98
		Note: 4 sides beveled.		
08 71 23 00-2000	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	37.65	6.98
		Note: 4 sides beveled.		
08 71 23 00-2001	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	39.75	7.35
		Note: 4 sides beveled.		
08 71 23 00-2002	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.30	7.35
		Note: 4 sides beveled.		
08 71 23 00-2003	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.84	7.35
		Note: 4 sides beveled.		
08 71 23 00-2004	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	43.21	7.81
		Note: 4 sides beveled.		
08 71 23 00-2005	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	43.77	7.81
		Note: 4 sides beveled.		
08 71 23 00-2006	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	44.31	7.81
		Note: 4 sides beveled.		
08 71 23 00-2007	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	35.72	6.71
		Note: 4 sides beveled.		
08 71 23 00-2008	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	36.54	6.71
		Note: 4 sides beveled.		
08 71 23 00-2009	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	37.36	6.71
		Note: 4 sides beveled.		
08 71 23 00-2010	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	38.17	6.71
		Note: 4 sides beveled.		
08 71 23 00-2011	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.10	6.98
		Note: 4 sides beveled.		
08 71 23 00-2012	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	40.92	6.98
		Note: 4 sides beveled.		
08 71 23 00-2013	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	41.73	6.98
		Note: 4 sides beveled.		
08 71 23 00-2014	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	42.55	6.98
		Note: 4 sides beveled.		
08 71 23 00-2015	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	44.93	7.35
		Note: 4 sides beveled.		
08 71 23 00-2016	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	45.75	7.35
		Note: 4 sides beveled.		
08 71 23 00-2017	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	46.56	7.35
		Note: 4 sides beveled.		
08 71 23 00-2018	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	49.21	7.81
		Note: 4 sides beveled.		
08 71 23 00-2019	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	50.03	7.81
		Note: 4 sides beveled.		
08 71 23 00-2020	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate	50.84	7.81
		Note: 4 sides beveled.		
08 71 23 00-2021		Armor Door Plate *(08 71 23 00-0762)*		
		Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 23 00-2022	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	14.41	1.15
08 71 23 00-2023	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	13.39	0.90
08 71 23 00-2024	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	15.78	1.15
08 71 23 00-2025	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	14.76	0.90
08 71 23 00-2026	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	29.51	1.15
08 71 23 00-2027	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	28.49	0.90
08 71 23 00-2028		Pull Handle And Plates *(08 71 23 00-0762)*		
08 71 23 00-2029		Pull Handle *(08 71 23 00-2028)*		
08 71 23 00-2030	EA	3/4" Diameter Aluminum Door Pulls, 6" Long	54.46	7.58
		For Stainless Steel, Add	*10.14*	
		For Brass, Add	*13.76*	
08 71 23 00-2031	EA	3/4" Diameter Aluminum Door Pulls, 8" Long	54.46	7.58
		For Stainless Steel, Add	*10.14*	
		For Brass, Add	*13.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2032	EA	3/4" Diameter Aluminum Door Pulls, 10" Long	56.84	7.58
		For Stainless Steel, Add	*11.14*	
		For Brass, Add	*15.12*	
08 71 23 00-2033	EA	1" Diameter Aluminum Door Pulls, 8" Long	62.48	7.58
		For Stainless Steel, Add	*13.51*	
		For Brass, Add	*18.33*	
08 71 23 00-2034	EA	1" Diameter Aluminum Door Pulls, 10" Long	65.70	7.58
		For Stainless Steel, Add	*14.86*	
		For Brass, Add	*20.17*	
08 71 23 00-2035	EA	1" Diameter Aluminum Door Pulls, 12" Long	69.97	7.58
		For Stainless Steel, Add	*16.65*	
		For Brass, Add	*22.60*	
08 71 23 00-2036	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 6" Long	57.40	7.58
		For Stainless Steel, Add	*11.37*	
		For Brass, Add	*15.44*	
08 71 23 00-2037	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 8" Long	57.40	7.58
		For Stainless Steel, Add	*11.37*	
		For Brass, Add	*15.44*	
08 71 23 00-2038	EA	1" Flattened x 1/2" Round Aluminum Door Pulls, 10" Long	60.09	7.58
		For Stainless Steel, Add	*12.50*	
		For Brass, Add	*16.97*	
08 71 23 00-2039	EA	1" Diameter Stainless Steel Offset Door Pulls, 8" Long	97.00	7.58
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*12.60*	
		For Brass, Add	*11.60*	
08 71 23 00-2040	EA	1" Diameter Stainless Steel Offset Door Pulls, 10" Long	101.35	7.58
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*13.42*	
		For Brass, Add	*12.36*	
08 71 23 00-2041	EA	1" Diameter Stainless Steel Offset Door Pulls, 12" Long	105.70	7.58
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*14.25*	
		For Brass, Add	*13.12*	
08 71 23 00-2042	EA	1" Diameter Stainless Steel Offset Door Pulls, 18" Long	125.99	7.58
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*18.08*	
		For Brass, Add	*16.65*	

08 71 23 00-2043 Pull Plate *(08 71 23 00-2028)*

08 71 23 00-2044	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware	51.17	5.74
		For Stainless Steel, Add	*16.64*	
		For Brass, Add	*21.16*	
08 71 23 00-2045	EA	6" x 16" Aluminum Pull Plate Door Hardware	54.39	5.74
		For Stainless Steel, Add	*18.54*	
		For Brass, Add	*23.57*	
08 71 23 00-2046	EA	4" x 16" Aluminum Pull Plate Door Hardware	52.15	5.74
		For Stainless Steel, Add	*17.22*	
		For Brass, Add	*21.89*	

08 71 23 00-2047 Push Bars And Plates *(08 71 23 00-0762)*

08 71 23 00-2048 Push Bars *(08 71 23 00-2047)*

08 71 23 00-2049	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	168.96	5.74
08 71 23 00-2050	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	118.48	5.74
		For Brass Push Bar, Add	*16.62*	
08 71 23 00-2051	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	122.49	5.74
		For Brass Push Bar, Add	*17.32*	
08 71 23 00-2052	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	222.03	5.74
		For Brass Push Bar, Add	*34.64*	

08 71 23 00-2053 Push Plates *(08 71 23 00-2047)*

08 71 23 00-2054 Aluminum Push Plates *(08 71 23 00-2053)*

08 71 23 00-2055 Clear Anodized Finish, Aluminum Push Plates *(08 71 23 00-2054)*

Note: Ives 8200 Series.

08 71 23 00-2056	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	30.05	5.74
08 71 23 00-2057	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	30.05	5.74
08 71 23 00-2058	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	30.05	5.74
08 71 23 00-2059	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	31.84	5.74

08 71 23 00-2060 Stainless Steel Push Plates *(08 71 23 00-2053)*

08 71 23 00-2061 Satin Finish, Stainless Steel Push Plates *(08 71 23 00-2060)*

Note: Ives 8200 Series.

08 71 23 00-2062	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	30.05	5.74
08 71 23 00-2063	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	31.43	5.74
08 71 23 00-2064	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	34.58	5.74
08 71 23 00-2065	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	39.23	5.74

08 71 23 00-2066 Brass Push Plates *(08 71 23 00-2053)*

08 71 23 00-2067 Bright/Satin Brass Finish, Brass Push Plates *(08 71 23 00-2066)*

Note: Ives 8200 Series.

08 71 23 00-2068	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	34.26	5.74
08 71 23 00-2069	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	37.80	5.74
08 71 23 00-2070	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	46.32	5.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2071	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	51.92	5.74
08 71 23 00-2072		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 23 00-2066)*		
		Note: Ives 8200 Series.		
08 71 23 00-2073	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	37.09	5.74
08 71 23 00-2074	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	39.97	5.74
08 71 23 00-2075	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	47.77	5.74
08 71 23 00-2076	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	55.47	5.74
08 71 23 00-2077		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 23 00-2066)*		
		Note: Ives 8200 Series.		
08 71 23 00-2078	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	37.09	5.74
08 71 23 00-2079	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	39.97	5.74
08 71 23 00-2080	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	49.15	5.74
08 71 23 00-2081	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	56.24	5.74
08 71 23 00-2082		**Satin Nickel Finish, Brass Push Plates** *(08 71 23 00-2066)*		
		Note: Ives 8200 Series.		
08 71 23 00-2083	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	37.09	5.74
08 71 23 00-2084	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	40.68	5.74
08 71 23 00-2085	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	51.33	5.74
08 71 23 00-2086	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	58.42	5.74
08 71 23 00-2087		**Exit Devices** *(08 71 23)*		
08 71 23 00-2088		**Push Bar Exit Device, Von Duprin Series 22** *(08 71 23 00-2087)*		
		Note: Grade 1, BHMA 156.3.		
08 71 23 00-2089	EA	3' Push Bar Exit Device, Rim Type	602.41	103.35
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 23 00-2090	EA	3' Push Bar Exit Device, Rim Type, Fire Rated	667.08	103.35
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F.		
		For 4' Push Bar, Add	*13.00*	
08 71 23 00-2091	EA	3' Push Bar Exit Device, Surface Vertical Rods	866.87	124.03
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227.		
		For 4' Push Bar, Add	*13.00*	
08 71 23 00-2092	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated	1,027.93	114.84
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F.		
		For 4' Push Bar, Add	*13.00*	
08 71 23 00-2093	EA	Dummy Trim (210DT), Von Duprin Series 22	82.48	17.23
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2094	EA	Night Latch Trim (210NL) With Cylinder, Von Duprin Series 22	179.89	22.96
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2095	EA	Knob Trim (210K) With Cylinder, Von Duprin Series 22	329.73	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2096	EA	Lever Trim (230L) With Cylinder, Von Duprin Series 22	326.75	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2097	EA	Thumbpiece Trim (230TP) With Cylinder, Von Duprin Series 22	326.00	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2098	EA	Knob - Blank Escutcheon (210K-BE), Von Duprin Series 22	256.66	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2099	EA	Exit Only Trim Plate (230EO), Von Duprin Series 22	103.86	13.78
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2100	EA	Dummy Trim (230DT), Von Duprin Series 22	120.50	17.23
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2101	EA	Night Latch Trim (230NL) With Cylinder, Von Duprin Series 22	219.41	22.96
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2102	EA	Lever - Blank Escutcheon (230L-BE), Von Duprin Series 22	253.68	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2103	EA	Thumbpiece - Blank Escutcheon (230TP-BE), Von Duprin Series 22	252.93	34.45
		Note: Anodized finish: aluminum or dark brown.		
08 71 23 00-2104		**Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35** *(08 71 23 00-2087)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 23 00-2105	EA	3' Push Bar Exit Device, Rim Type, Narrow Stile	1,107.02	103.35
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*85.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*163.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*31.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*242.77*	
08 71 23 00-2106	EA	3' Push Bar Exit Device, Surface Vertical Rods, Narrow Stile	1,499.92	124.03
		Note: Aluminum anodized finish. Von Duprin Series 3327/3527.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*119.72*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*229.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*44.43*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*341.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2107	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Narrow Stile	1,528.25	124.03
		Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*122.63*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*235.31*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*45.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*349.67*	
08 71 23 00-2108	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,560.88	142.40
		Note: Aluminum anodized finish. Von Duprin Series 3347/3547.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*120.79*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*231.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*44.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*344.45*	
08 71 23 00-2109	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,633.95	142.40
		Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*128.28*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*246.15*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*47.60*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*365.79*	
08 71 23 00-2110	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,736.11	142.40
		Note: Aluminum anodized finish. Von Duprin Series 3348/3548.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*138.74*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*266.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*51.48*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*395.62*	
08 71 23 00-2111	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,809.18	142.40
		Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*146.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*280.59*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*54.26*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*416.95*	
08 71 23 00-2112	EA	Dummy Trim (DT), Von Duprin Series 33/35	245.77	17.23
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*39.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*58.35*	
08 71 23 00-2113	EA	Night Latch Less Pull (NL-OP With Cylinder, Von Duprin Series 33/35	310.37	22.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*48.35*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*71.85*	
08 71 23 00-2114	EA	Night Latch (NL) With Cylinder, Von Duprin Series 33/35	490.07	22.96
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*83.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*124.32*	
08 71 23 00-2115	EA	Lever Trim (360L) With Cylinder, Von Duprin Series 33/35	615.32	34.45
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*152.85*	
08 71 23 00-2116	EA	Lever - Blank Escutcheon (360L-BE) With Cylinder, Von Duprin Series 33/35	591.45	34.45
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*98.17*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.98*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*145.88*	
08 71 23 00-2117	EA	Lever Dummy Trim (360L-DT) With Cylinder, Von Duprin Series 33/35	580.27	34.45
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*95.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*142.61*	
08 71 23 00-2118	EA	Thumbturn Trim (360T) With Cylinder, Von Duprin Series 33/35	585.49	34.45
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*97.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*144.14*	
08 71 23 00-2119		Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 23 00-2087)*		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 23 00-2120	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series 98/99	983.24	103.35
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*43.17*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*68.64*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*109.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*224.32*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*70.76*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*104.02*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2121	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series 98-F/99-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,107.02	103.35
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*50.72*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*80.65*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*128.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*263.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*83.14*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*122.22*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2122	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series XP98/XP99 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,066.00	103.35
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*48.21*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*76.67*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*122.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*250.55*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*79.04*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*116.19*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2123	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series XP98-F/XP99-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,186.79	103.35
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*55.58*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*141.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*288.84*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*91.12*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*133.94*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2124	EA	3' Push Bar Exit Device, Surface Vertical Rods, Von Duprin Series 9827/9927 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,387.33	124.03
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.45*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*163.77*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*334.94*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*105.66*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*155.32*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2125	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Von Duprin Series 9827-F/9927-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,555.10	124.03
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*74.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*118.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*189.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*388.12*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*122.44*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*179.98*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2126	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9847/9947 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,465.44	142.40
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*100.83*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*105.17*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*168.05*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*343.69*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*108.42*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*159.37*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2127	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847-F/9947-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,636.94	142.40
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*116.78*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*121.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*194.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*398.05*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.57*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*184.58*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2128	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9848/9948	1,640.67	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*117.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*195.21*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*399.23*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.94*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.13*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2129	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9848-F/9948-F	1,812.17	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*133.07*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*138.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*221.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*453.60*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*143.09*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*210.34*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2130	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Von Duprin Series 9847WDC/9947WDC	1,589.96	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*112.41*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*117.24*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*187.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*383.16*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*120.87*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*177.68*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2131	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847WDC-F/9947WDC-F	1,783.09	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*130.37*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*135.98*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*217.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*444.38*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*140.18*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*206.07*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2132	EA	3' Push Bar Exit Device, Surface Three Point Latch, Von Duprin Series 9857/9957	1,713.93	124.03
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*84.37*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.17*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*214.39*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*438.47*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.32*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*203.33*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2133	EA	3' Push Bar Exit Device, Surface Three Point Latch, Fire Rated, Von Duprin Series 9857-F/9957-F	1,825.03	124.03
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*91.15*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*144.95*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*231.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*473.69*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*149.43*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*219.66*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2134	EA	3' Push Bar Exit Device, Mortise Lock, Von Duprin Series 9875/9975	1,378.74	128.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*38.27*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*100.32*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*160.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*327.85*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*103.42*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*152.03*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2135	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated, Von Duprin Series 9875-F/9975-F	1,504.75	128.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*42.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*112.54*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*179.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*367.79*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*116.02*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*170.55*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2136	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Von Duprin Series 9849/9949	1,518.37	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*105.75*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*110.30*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*176.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*360.46*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*113.71*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*167.16*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2137	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849-F/9949-F	1,643.64	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*117.40*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.45*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*195.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*400.17*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*126.24*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.57*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2138	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Von Duprin Series 9849WDC/9949WDC	1,648.12	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*117.82*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*196.36*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*401.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*126.69*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*186.23*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2139	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849WDC-F/9949WDC-F	1,871.81	142.40
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*138.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*144.58*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*231.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*472.50*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*149.06*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*219.11*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Cylinder Dogging Indicator (CI), Add	*131.43*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2140	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Von Duprin Series CX98/CX99	2,113.34	119.43
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*277.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*568.00*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*179.18*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*74.90*	
		For Center Case Dogging (CD-CX), Add	*213.17*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2141	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Fire Rated, Von Duprin Series CX98-F/CX99-F	2,237.12	119.43
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*296.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*607.24*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*191.56*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*71.26*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*80.07*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2142	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Von Duprin Series CX9875/CX9975	2,518.03	146.99
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*328.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*671.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*211.84*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*78.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.55*	
		For Center Case Dogging (CD-CX), Add	*213.17*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2143	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated, Von Duprin Series CX9875-F/CX9975-F	2,644.05	146.99
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*347.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*711.48*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*224.44*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*83.49*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*93.82*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2144	EA	3' Push Bar Exit Device, Electric Latch Retraction, Von Duprin Series E98/E99	1,382.60	119.43
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*164.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*336.36*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*106.11*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*39.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*60.90*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Quiet Electric Latch Retraction (QEL), Add	*90.55*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2145	EA	3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated, Von Duprin Series E98-F/E99-F	1,506.38	119.43
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*183.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*375.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*118.48*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*44.08*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*68.01*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2146	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Von Duprin Series E9875/E9975	1,787.30	146.99
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*215.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*439.89*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.77*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*51.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*79.65*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.16*	
		For Special Center Case Dogging (SD), Add	*197.46*	
		For Dogging Indicator (DI), Add	*120.74*	
		For Quiet Electric Latch Retraction (QEL), Add	*90.55*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	
08 71 23 00-2147	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated, Von Duprin Series E9875-F/E9975-F	1,913.31	146.99
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*234.62*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*479.83*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*151.37*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*56.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*86.88*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.00*	
		For Safety Glow Touchpad, Add	*220.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2148	EA	Exit Only Trim Plate (EO), Von Duprin Series 98/99	115.98	13.78
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*2.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*3.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*13.47*	
08 71 23 00-2149	EA	Dummy Trim (DT), Von Duprin Series 98/99	169.19	17.23
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.70*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*20.95*	
08 71 23 00-2150	EA	Night Latch (NL) Pull Trim With 110NL Cylinder, Von Duprin Series 98/99	269.44	22.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.15*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*34.87*	
08 71 23 00-2151	EA	Night Latch (NL) Pull Trim Without Cylinder, Von Duprin Series 98/99	196.36	22.96
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.94*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*22.45*	
08 71 23 00-2152	EA	Lever Trim (L) With 110NL Cylinder, Von Duprin Series 98/99	449.80	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.11*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*60.85*	
08 71 23 00-2153	EA	Lever Trim (L) Without Cylinder, Von Duprin Series 98/99	376.73	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.82*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.43*	
08 71 23 00-2154	EA	Lever - Blank Escutcheon (L-BE), Von Duprin Series 98/99	376.73	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.82*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.43*	
08 71 23 00-2155	EA	Lever - Night Latch (L-NL) With 110NL Cylinder, Von Duprin Series 98/99	386.92	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.85*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*50.16*	
08 71 23 00-2156	EA	Lever - Night Latch (L-NL) Without Cylinder, Von Duprin Series 98/99	313.85	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.74*	
08 71 23 00-2157	EA	Lever Dummy Trim (L-DT), Von Duprin Series 98/99	313.85	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.74*	
08 71 23 00-2158	EA	Knob Trim (K) With 110NL Cylinder, Von Duprin Series 98/99	376.87	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.55*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.45*	
08 71 23 00-2159	EA	Knob Trim (K) Without Cylinder, Von Duprin Series 98/99	303.79	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.36*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*36.03*	
08 71 23 00-2160	EA	Knob - Blank Escutcheon (K-BE), Von Duprin Series 98/99	303.79	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.36*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*36.03*	
08 71 23 00-2161	EA	Knob - Night Latch (K-NL) With 110NL Cylinder, Von Duprin Series 98/99	371.21	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*47.49*	
08 71 23 00-2162	EA	Knob - Night Latch (K-NL) Without Cylinder, Von Duprin Series 98/99	298.13	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*35.06*	
08 71 23 00-2163	EA	Knob Dummy Trim (K-DT) Without Cylinder, Von Duprin Series 98/99	298.13	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*35.06*	
08 71 23 00-2164	EA	Thumbpiece Trim (TP) With 110NL Cylinder, Von Duprin Series 98/99	340.39	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.46*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*42.25*	
08 71 23 00-2165	EA	Thumbpiece Trim (TP) Without Cylinder, Von Duprin Series 98/99	267.31	34.45
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*29.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2166	EA	Thumbpiece - Blank Escutcheon (T-BE), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	267.31	34.45
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*29.82*	
08 71 23 00-2167	EA	Push/Pull Hospital Latch Trim (HL) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	287.22	34.45
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.86*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*33.21*	

08 71 23 00-2168 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 23 00-2087)*

08 71 23 00-2169	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	741.32	34.45
08 71 23 00-2170	EA	Power Supply For Chexit Or Electric Latch Devices (Von Duprin PS914) Note: 4 amp @ 12 volt DC, 2 amp @ 24 volt DC.	521.14	34.45
		For Battery Backup (Includes Board And 2 Batteries), Add	*68.30*	
		For Fire Alarm Interface, Add	*34.15*	
		For 2 Relay Panic Device Control Board, Add	*99.03*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*116.10*	
		For 4 Relay Output Board, Add	*95.61*	
		For 4 Relay Logic Board, Add	*262.24*	
		For Fused 8 Zone Distribution Board, Add	*34.15*	
08 71 23 00-2171	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	533.16	34.45
08 71 23 00-2172	EA	Power Supply, 2 Amp (Von Duprin PS902) Note: 2A@12/24 VDC	233.14	34.45
		For Battery Backup (Includes Board And 2 Batteries), Add	*68.30*	
		For Fire Alarm Interface, Add	*34.15*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*116.10*	
		For 4 Relay Output Board, Add	*95.61*	
		For 4 Relay Logic Board, Add	*262.24*	
		For Fused 8 Zone Distribution Board, Add	*34.15*	
08 71 23 00-2173	EA	Power Supply, 4 Amp (Von Duprin PS904) Note: 4A@12/24 VDC	358.14	34.45
		For Battery Backup (Includes Board And 2 Batteries), Add	*68.30*	
		For Fire Alarm Interface, Add	*34.15*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*116.10*	
		For 4 Relay Output Board, Add	*95.61*	
		For 4 Relay Logic Board, Add	*262.24*	
		For Fused 8 Zone Distribution Board, Add	*34.15*	
08 71 23 00-2174	EA	Request to Exit Push Pad Monitor Switch (RX)	166.05	22.96

08 71 23 00-2175 Removable Verticals, Mullions (Von Duprin) *(08 71 23 00-2087)*

08 71 23 00-2176	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices.	434.87	22.96
		For Owner Furnished Material, Deduct	*-343.00*	
08 71 23 00-2177	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices.	461.71	22.96
		For Owner Furnished Material, Deduct	*-369.84*	
08 71 23 00-2178	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices.	751.25	22.96
		For Owner Furnished Material, Deduct	*-659.38*	
08 71 23 00-2179	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices.	739.58	27.56
		For Owner Furnished Material, Deduct	*-629.33*	
08 71 23 00-2180	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	766.42	27.56
		For Owner Furnished Material, Deduct	*-656.17*	
08 71 23 00-2181	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	825.33	27.56
		For Owner Furnished Material, Deduct	*-715.08*	
08 71 23 00-2182	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	622.77	22.96
		For Owner Furnished Material, Deduct	*-530.90*	
08 71 23 00-2183	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	650.36	22.96
		For Owner Furnished Material, Deduct	*-558.49*	
08 71 23 00-2184	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	706.28	22.96
		For Owner Furnished Material, Deduct	*-614.41*	
08 71 23 00-2185	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	956.56	27.56
		For Owner Furnished Material, Deduct	*-846.31*	
08 71 23 00-2186	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	984.15	27.56
		For Owner Furnished Material, Deduct	*-873.90*	
08 71 23 00-2187	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	1,851.12	27.56
		For Owner Furnished Material, Deduct	*-1,740.87*	
08 71 23 00-2188	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	92.67	18.38
		For Owner Furnished Material, Deduct	*-55.92*	

08 71 23 00-2189 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 23 00-2087)*

Note: Grade 1, BHMA 156.3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2190	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile	1,699.80	103.35
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*179.45*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*206.51*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*272.02*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*296.23*	
08 71 23 00-2191	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile	2,190.96	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*228.02*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*262.41*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*345.65*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*376.42*	
08 71 23 00-2192	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated	2,393.03	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*253.48*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*291.71*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*384.25*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*418.45*	
08 71 23 00-2193	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile	2,240.92	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*234.32*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*269.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*355.20*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*386.81*	
08 71 23 00-2194	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated	2,437.02	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*259.03*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*298.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*392.65*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*427.60*	
08 71 23 00-2195	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile	1,703.09	128.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*171.18*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*196.99*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*259.49*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*282.58*	
08 71 23 00-2196	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated	1,835.07	128.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*187.81*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*216.13*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*284.70*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*310.03*	
08 71 23 00-2197	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55	291.26	17.23
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.91*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*46.86*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*51.03*	
08 71 23 00-2198	EA	Cylinder Assembly, Von Duprin Series 55	133.66	24.34
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.74*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.06*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*13.25*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*14.42*	
08 71 23 00-2199	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	490.82	24.34
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*53.74*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*61.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*81.46*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*88.71*	
08 71 23 00-2200	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	527.33	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.87*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*63.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*83.17*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.58*	
08 71 23 00-2201	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	430.39	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*49.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*64.66*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*70.41*	
08 71 23 00-2202	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	527.33	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.87*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*63.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*83.17*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.58*	
08 71 23 00-2203	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	606.37	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*64.83*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*74.60*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*98.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*107.02*	

08 71 23 00-2204 Cross Bar Exit Device, Von Duprin Series 88 *(08 71 23 00-2087)*
Note: Grade 1, BHMA 156.3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2205	EA	42" Crossbar Exit Device, Rim Type	1,083.15	103.35
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*25.03*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*25.84*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*220.46*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*220.46*	
08 71 23 00-2206	EA	42" Crossbar Exit Device, Rim Type, Fire Rated	1,261.36	103.35
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.56*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*31.54*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*269.11*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*269.11*	
08 71 23 00-2207	EA	42" Crossbar Exit Device, Surface Vertical Rods	1,400.01	124.03
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.15*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*34.22*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*291.91*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*291.91*	
08 71 23 00-2208	EA	42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated	1,785.50	124.03
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*45.10*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*46.55*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*397.15*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*397.15*	
08 71 23 00-2209	EA	42" Crossbar Exit Device, Concealed Vertical Rods	1,353.52	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.14*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*31.11*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*265.43*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*265.43*	
08 71 23 00-2210	EA	42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated	1,704.05	142.40
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*41.01*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*42.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*361.12*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*361.12*	
08 71 23 00-2211	EA	42" Crossbar Exit Device, Mortise Lock	1,448.08	128.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.21*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*301.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*301.27*	
08 71 23 00-2212	EA	42" Crossbar Exit Device, Mortise Lock, Fire Rated	1,539.05	128.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*37.03*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*38.22*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*326.11*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*326.11*	
08 71 23 00-2213	EA	Dummy Trim (DT), Von Duprin Series 88	163.76	17.23
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*3.65*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*3.77*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*32.16*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*32.16*	
08 71 23 00-2214	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 88	261.90	22.96
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*6.13*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*6.32*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*53.94*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*53.94*	
08 71 23 00-2215	EA	Thumbturn Trim (376T Or 377T) With Cylinder, Von Duprin Series 88	454.26	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*11.23*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*11.60*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*98.93*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*98.93*	
08 71 23 00-2216	EA	Lever Trim (373L) With Cylinder, Von Duprin Series 88	424.43	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*10.31*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.64*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.79*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.79*	
08 71 23 00-2217	EA	Knob Trim (K) With Cylinder, Von Duprin Series 88	323.77	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*7.42*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.31*	
08 71 23 00-2218	EA	Thumbpiece Trim (TP) With Cylinder, Von Duprin Series 88	323.77	34.45
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*7.42*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.31*	
08 71 23 00-2219		Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 *(08 71 23 00-2087)*		
		Note: Grade 1, BHMA 156.3.		
08 71 23 00-2220	EA	30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile	893.67	103.35
		Note: Adams Rite 8800		
08 71 23 00-2221	EA	Clutch Lever Entry Trim, Adams Rite Model 3081	528.73	34.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2222	EA	Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083	456.56	34.45
08 71 23 00-2223	EA	Thumbturn Trim, Adams Rite Model 8066	345.50	34.45
08 71 23 00-2224	EA	Mortise Cylinder, Adams Rite Model 4036-01	68.15	34.45
08 71 23 00-2225	EA	Rim Cylinder, Adams Rite Model 8736	75.13	34.45

08 71 23 00-2226 Push Bar Exit Device, Precision Hardware Apex 2000 Series *(08 71 23 00-2087)*

Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.

08 71 23 00-2227	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	940.80	103.35
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-665.19*	
08 71 23 00-2228	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	986.50	103.35
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-710.89*	
08 71 23 00-2229	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	1,269.58	124.03
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-938.84*	
08 71 23 00-2230	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	1,315.28	124.03
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-984.54*	
08 71 23 00-2231	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	116.14	13.78
		For Owner Furnished Material, Deduct	*-79.39*	
08 71 23 00-2232	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	287.11	17.23
		For Owner Furnished Material, Deduct	*-241.17*	
08 71 23 00-2233	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	333.04	34.45
		For Owner Furnished Material, Deduct	*-241.17*	
08 71 23 00-2234	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	393.19	34.45
		For Owner Furnished Material, Deduct	*-301.32*	
08 71 23 00-2235	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	393.19	34.45
		For Owner Furnished Material, Deduct	*-301.32*	
08 71 23 00-2236	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	393.19	34.45
		For Owner Furnished Material, Deduct	*-301.32*	
08 71 23 00-2237	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	89.67	13.78
		For Owner Furnished Material, Deduct	*-52.92*	
08 71 23 00-2238	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	177.05	17.23
		For Owner Furnished Material, Deduct	*-131.11*	
08 71 23 00-2239	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	195.42	22.96
		For Owner Furnished Material, Deduct	*-131.11*	
08 71 23 00-2240	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	275.90	34.45
		For Owner Furnished Material, Deduct	*-184.03*	
08 71 23 00-2241	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	275.90	34.45
		For Owner Furnished Material, Deduct	*-184.03*	

08 71 23 00-2242 Door Closers *(08 71 23)*

Note: Includes standard cover and arm.

08 71 23 00-2243	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	314.09	26.64
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 23 00-2244	EA	Surface Mounted Heavy Duty Door Closer - LCN 4040 Series	373.84	26.64
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 23 00-2245	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	383.34	26.64
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 23 00-2246	EA	Surface Mounted High Security Door Closer, Metal Cover (LCN 4510)	395.23	26.64
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 23 00-2247	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	269.34	26.64
		For Parallel Arm, Add	*22.40*	
08 71 23 00-2248	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	271.34	26.64
		For Parallel Arm, Add	*22.40*	

08 71 23 00-2249 Concealed Door Closers *(08 71 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2250	EA	Floor Concealed Door Closer, Non Hold Open (Rixson 27/28)	891.59	79.01
08 71 23 00-2251	EA	Floor Concealed Door Closer, Selective Hold Open (Rixson 27/27)	947.59	79.01
08 71 23 00-2252	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	441.72	32.16
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 23 00-2253	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	474.48	32.16
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 23 00-2254 Locks And Latches *(08 71 23)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include construction cores. Multi purchase locksets are keyed alike and to the existing master key. The cost for boring hole or preparing mortise is included with the new door.

08 71 23 00-2255 Locksmith Services *(08 71 23 00-2254)*

08 71 23 00-2256	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	1.13	
		For >50, Deduct	*-0.23*	
08 71 23 00-2257	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	110.29	
		For >5, Deduct	*-11.03*	
08 71 23 00-2258	EA	Replace Cylinder With Owner Supplied Cylinder	110.29	
		For >5, Deduct	*-11.03*	
08 71 23 00-2259	EA	Replace Cylinder With New Cylinder Note: Excludes core.	122.28	
		For >5, Deduct	*-11.03*	
08 71 23 00-2260	EA	Open Locked Doors	110.29	
08 71 23 00-2261	EA	Install Owner Furnished Cores And Cylinders	46.27	

08 71 23 00-2262 Mortise Locksets And Latchsets *(08 71 23 00-2254)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 23 00-2263	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	344.85	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*8.35*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.59*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.65*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*89.30*	
08 71 23 00-2264	EA	Bath/Bedroom Privacy F02 Mortise Lockset Note: Locked with thumb knob inside.	401.06	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*10.20*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*9.28*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*15.46*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*109.14*	
08 71 23 00-2265	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	440.82	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*11.52*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*10.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*17.45*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*123.18*	
08 71 23 00-2266	EA	Classroom F05 Mortise Lockset Note: Locked with key outside. Inside always unlocked.	414.70	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*10.65*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*9.68*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*16.14*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*113.96*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*40.43*	
08 71 23 00-2267	EA	Storeroom/Closet F07 Mortise Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	414.70	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*10.65*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*9.68*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*16.14*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*113.96*	
08 71 23 00-2268	EA	Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside.	457.47	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*12.06*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*10.97*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*18.28*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*129.06*	
08 71 23 00-2269	EA	Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside.	400.67	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*10.19*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*9.26*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*15.44*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*109.01*	

08 71 23 00-2270 Locks And Latches *(08 71 23 00-2254)*

08 71 23 00-2271 Preassembled Locks And Latches *(08 71 23 00-2270)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2272	EA	Passage/Closet F36 Pre-Assembled Latchset	568.27	22.96
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*14.29*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*23.82*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*168.17*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*88.61*	
		For Grade 2 With Lever Handles, Deduct	*-185.32*	
		For Grade 2 With Knobs, Deduct	*-319.19*	
08 71 23 00-2273	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset	609.92	22.96
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*15.54*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*25.90*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*182.87*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*96.36*	
		For Grade 2 With Lever Handles, Deduct	*-201.52*	
		For Grade 2 With Knobs, Deduct	*-347.09*	
08 71 23 00-2274	EA	Entrance/Office F41 Pre-Assembled Lockset	684.60	22.96
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*17.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*29.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*209.23*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	
08 71 23 00-2275	EA	Classroom F42 Pre-Assembled Lockset	684.60	22.96
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*17.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*29.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*209.23*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	
08 71 23 00-2276	EA	Storeroom/Closet F44 Pre-Assembled Lockset	684.60	22.96
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*17.78*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*29.64*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*209.23*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*110.25*	
		For Grade 2 With Lever Handles, Deduct	*-230.57*	
		For Grade 2 With Knobs, Deduct	*-397.13*	

08 71 23 00-2277 Bored Locks And Latches *(08 71 23 00-2270)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.

08 71 23 00-2278	EA	Passage/Closet F75 Bored Latchset	203.73	22.96
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*3.36*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*5.59*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*39.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*20.81*	
		For Grade 2, Deduct	*-5.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*2.24*	
		For Interchangeable Core, Add	*9.45*	
08 71 23 00-2279	EA	Bath/Bedroom Privacy F76 Bored Lockset	230.41	22.96
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.16*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*6.93*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*48.90*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*25.77*	
		For Grade 2, Deduct	*-6.93*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*2.77*	
		For Interchangeable Core, Add	*9.45*	
08 71 23 00-2280	EA	Entrance/Office F82 Bored Lockset	251.91	22.96
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.80*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.00*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*56.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 23 00-2281	EA	Classroom F84 Bored Lockset	251.91	22.96
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.80*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.00*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*56.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 23 00-2282	EA	Storeroom/Closet F86 Bored Lockset	251.91	22.96
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.80*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.00*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*56.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2283	EA	Corridor/Dormitory F90 Bored Lockset Note: Locked with key outside and push button inside.	251.91	22.96
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.80*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.00*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*56.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*29.77*	
		For Grade 2, Deduct	*-8.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.20*	
		For Interchangeable Core, Add	*9.45*	
08 71 23 00-2284		**Hospital Locksets** *(08 71 23 00-2270)* Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.		
08 71 23 00-2285	EA	Push/Pull Hospital Latch (Glynn Johnson HL6)	341.58	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*58.13*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*58.13*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*39.67*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*35.06*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.51*	
08 71 23 00-2286	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8)	383.42	22.96
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*58.13*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*58.13*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*39.67*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*35.06*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.51*	
08 71 23 00-2287		**Other Locks** *(08 71 23 00-2254)* Note: BHMA A156.5.		
08 71 23 00-2288	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	687.33	119.43
08 71 23 00-2289	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,526.65	238.86
08 71 23 00-2290		**Pushbutton Combination Locks** *(08 71 23 00-2254)*		
08 71 23 00-2291		**Mechanical Pushbutton Combination Locks** *(08 71 23 00-2290)* Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 23 00-2292		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 23 00-2291)* Note: Satin chrome or antique brass finish.		
08 71 23 00-2293	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	528.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2294	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	563.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2295	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	577.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2296	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	612.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2297	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	588.32	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2298	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	623.32	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2299	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	637.32	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2300	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	672.32	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2301		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)** *(08 71 23 00-2291)* Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 23 00-2302	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	579.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 23 00-2303	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	607.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 23 00-2304	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	663.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 23 00-2305	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	684.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2306	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	684.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 23 00-2307	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	649.92	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 23 00-2308 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)
(08 71 23 00-2291)

Note: Satin chrome or antique brass finish.

08 71 23 00-2309	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	689.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 23 00-2310	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	710.82	57.83
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	

08 71 23 00-2311 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)
(08 71 23 00-2291)

Note: Satin stainless, bright brass or antique brass finish.

08 71 23 00-2312	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	327.92	57.83
08 71 23 00-2313	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	420.32	57.83

08 71 23 00-2314 Electrical Pushbutton Combination Locks *(08 71 23 00-2290)*

Note: Privacy option limits access to privileged users (master codes).

08 71 23 00-2315 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 23 00-2316	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	546.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2317	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	630.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2318	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	651.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2319	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	616.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2320	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	581.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2321	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	651.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2322	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	665.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2323	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	686.32	57.83
		For Satin Brass Finish, Add	*17.50*	
08 71 23 00-2324	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	651.32	57.83
		For Satin Brass Finish, Add	*17.50*	

08 71 23 00-2325 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 23 00-2326	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	686.32	57.83
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2327	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	686.32	57.83
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		

08 71 23 00-2328 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 23 00-2329	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	794.82	57.83
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2330	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	794.82	57.83
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		

08 71 23 00-2331 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 23 00-2332	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	850.82	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2333	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	920.82	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2334	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	934.82	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2335	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	955.82	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2336	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	920.82	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		

08 71 23 00-2337 Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 23 00-2338	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,183.32	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2339	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,253.32	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2340	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,267.32	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2341	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,288.32	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		
08 71 23 00-2342	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,253.32	57.83
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*90.70*	
		Note: Excludes momentary contact switch.		

08 71 23 00-2343 Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 23 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 23 00-2344	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	1,659.32	57.83
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2345			**Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series)** *(08 71 23 00-2314)* Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 23 00-2346		EA	Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,060.82	57.83
			For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
			For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 23 00-2347			**Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®)** *(08 71 23 00-2314)*		
08 71 23 00-2348		EA	Standard Software Implementation Kit (Kaba® E-Plex®)	535.06	
08 71 23 00-2349		EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	675.06	
08 71 23 00-2350		EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	885.06	
08 71 23 00-2351		EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	271.02	
08 71 23 00-2352		EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) Note: Includes 4 C-cell battery pack.	81.93	
08 71 23 00-2353		EA	12-24 VDC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	96.63	
08 71 23 00-2354			**Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series)** *(08 71 23 00-2314)* Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 23 00-2355		EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	668.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-437.50*	
08 71 23 00-2356		EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	752.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-521.50*	
08 71 23 00-2357		EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	773.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-542.50*	
08 71 23 00-2358		EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	738.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-507.50*	
08 71 23 00-2359		EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	703.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-472.50*	
08 71 23 00-2360		EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	773.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-542.50*	
08 71 23 00-2361		EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	787.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-556.50*	
08 71 23 00-2362		EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	808.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-577.50*	
08 71 23 00-2363		EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	773.82	57.83
			For Satin Brass Finish, Add	*17.50*	
			For Owner Furnished Material, Deduct	*-542.50*	
08 71 23 00-2364			**Electrical Pushbutton Combination Locks (Schlage)** *(08 71 23 00-2314)* Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 23 00-2365		EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	607.04	57.42
			For Owner Furnished Material, Deduct	*-377.37*	
08 71 23 00-2366		EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	691.75	57.42
			For Owner Furnished Material, Deduct	*-462.08*	
08 71 23 00-2367		EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	771.52	57.42
			For Owner Furnished Material, Deduct	*-541.85*	
08 71 23 00-2368		EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	986.06	57.42
			For Owner Furnished Material, Deduct	*-756.39*	
08 71 23 00-2369		EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,071.32	57.42
			For Owner Furnished Material, Deduct	*-841.65*	
08 71 23 00-2370		EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	1,171.44	57.42
			For Owner Furnished Material, Deduct	*-941.77*	
08 71 23 00-2371		EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,082.33	57.42
			For Owner Furnished Material, Deduct	*-852.66*	
08 71 23 00-2372			**Residential Locks And Latchsets** *(08 71 23 00-2254)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2373	EA	Residential Entry Lockset With Knobs (Master Keyed)	63.79	13.88
08 71 23 00-2374	EA	Residential Privacy Lockset With Knobs	62.86	13.88
08 71 23 00-2375	EA	Residential Passage Lockset With Knobs	62.74	13.88
08 71 23 00-2376	EA	Residential Dummy Lockset With Knobs	50.55	11.56
08 71 23 00-2377	EA	Residential Entry Lockset With Levers (Master Keyed)	70.21	13.88
08 71 23 00-2378	EA	Residential Privacy Lockset With Levers	68.08	13.88
08 71 23 00-2379	EA	Residential Passage Lockset With Levers	66.54	13.88
08 71 23 00-2380	EA	Residential Dummy Lockset With Levers	51.28	11.56
08 71 23 00-2381	EA	Screen Door - Closer	36.07	9.99
08 71 23 00-2382	EA	Screen Door - Locking Handle	41.88	14.34

08 71 23 00-2383 Deadbolts *(08 71 23 00-2254)*

08 71 23 00-2384 Cylindrical Deadbolts, Grade 1, ANSI 156.5 *(08 71 23 00-2383)*

Note: 2-3/8" or 2-3/4" backset.

08 71 23 00-2385	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	134.70	22.96
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 23 00-2386	EA	Double Cylinder Deadbolt, Key Both Sides	150.90	22.96
		Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 23 00-2387 Cylindrical Deadbolts, Grade 2, ANSI 156.5 *(08 71 23 00-2383)*

Note: 2-3/8" or 2-3/4" backset.

08 71 23 00-2388	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side	123.60	22.96
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 23 00-2389	EA	Double Cylinder Deadbolt, Key Both Sides	141.30	22.96
		Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 23 00-2390 Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 23 00-2383)*

Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.

08 71 23 00-2391	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side	173.47	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 23 00-2392	EA	Small Case Mortised Deadbolt, Key Both Sides	188.47	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 23 00-2393	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side	170.47	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		

08 71 23 00-2394 Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 23 00-2383)*

Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.

08 71 23 00-2395	EA	Mortised Deadbolt, Key One Side, Knob One Side	214.27	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 23 00-2396	EA	Mortised Deadbolt, Key Both Sides	238.87	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 23 00-2397	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side	193.27	22.96
		Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		

08 71 23 00-2398 Surface Mounted Deadbolts *(08 71 23 00-2383)*

08 71 23 00-2399	EA	Single Cylinder Surface Mounted Deadbolt	99.43	22.96
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 23 00-2400	EA	Double Cylinder Surface Mounted Deadbolt	110.27	22.96
		Note: Key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 23 00-2401	EA	Single Cylinder Surface Mounted Interlocking Deadbolt	118.89	22.96
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 23 00-2402	EA	Double Cylinder Surface Mounted Interlocking Deadbolt	129.73	22.96
		Note: Jimmy proof, key both sides, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	

08 71 23 00-2403 Surface Mounted Deadlatches *(08 71 23 00-2254)*

08 71 23 00-2404	EA	Single Cylinder Surface Mounted Deadlatch	100.28	22.96
		Note: Key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	
08 71 23 00-2405	EA	Single Cylinder Surface Mounted Interlocking Deadlatch	118.93	22.96
		Note: Jimmy proof, key one side, knob one side, bright brass finish.		
		For Brushed Chrome Finish, Add	*10.50*	

08 71 23 00-2406 Electric Strikes *(08 71 23 00-2254)*

08 71 23 00-2407	EA	Aluminum/Steel Body Electric Strike (Von Duprin 5100)	250.77	45.94
08 71 23 00-2408	EA	Stainless Steel Body Electric Strike For Rim Mounted Lock (Von Duprin 6112)	512.93	45.94
08 71 23 00-2409	EA	Stainless Steel Body Electric Strike (Von Duprin 6215)	539.64	45.94
08 71 23 00-2410	EA	Dual Voltage Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,070 LB Static Strength (HES 1006)	388.52	45.94
08 71 23 00-2411	EA	Fire Rated Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,000 LB Static Strength (HES 4500)	386.44	45.94
08 71 23 00-2412	EA	Low Profile Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5000)	207.68	45.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2413	EA	Adjustable Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5200)	207.68	45.94
08 71 23 00-2414	EA	Electric Strike With Preload, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device (HES 7000)	256.23	45.94
08 71 23 00-2415	EA	Cylindrical Lock Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 7500)	427.96	45.94
08 71 23 00-2416	EA	Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8000)	230.17	45.94
08 71 23 00-2417	EA	Fire Rated Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8300)	396.25	45.94
08 71 23 00-2418	EA	Fire Rated Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8500)	354.38	45.94
08 71 23 00-2419	EA	Slim Line Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 9400)	425.68	60.63
08 71 23 00-2420	EA	Fire Rated Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9500)	477.89	60.63
08 71 23 00-2421	EA	Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9600)	425.96	60.63

08 71 23 00-2422 Electric Hardware *(08 71 23 00-2254)*

08 71 23 00-2423	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	121.05	
08 71 23 00-2424	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	138.50	
08 71 23 00-2425	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	78.91	22.96
08 71 23 00-2426	EA	1 Amp At 12/24 Volt DC, Door Hardware Power Supply	228.22	22.96
08 71 23 00-2427	EA	3 Amp At 12 Volt DC, 2 Amp At 24 Volt DC, Door Hardware Power Supply	384.56	22.96
08 71 23 00-2428	EA	4.5 Amp At 12 Volt DC, 3 Amp At 24 Volt DC, Door Hardware Power Supply	580.34	22.96
08 71 23 00-2429	EA	6 Amp At 12 Volt DC, 4 Amp At 24 Volt DC, Door Hardware Power Supply	640.31	22.96
08 71 23 00-2430	EA	9 Amp At 12 Volt DC, 6 Amp At 24 Volt DC, Door Hardware Power Supply	761.75	22.96
08 71 23 00-2431	EA	15 Amp At 12 Volt DC, 10 Amp At 24 Volt DC, Door Hardware Power Supply	920.35	22.96
08 71 23 00-2432	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	68.75	22.96
08 71 23 00-2433	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	69.95	22.96
08 71 23 00-2434	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	77.30	22.96
08 71 23 00-2435	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	78.76	22.96
08 71 23 00-2436	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	79.50	22.96
08 71 23 00-2437	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	83.72	22.96
08 71 23 00-2438	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	69.51	22.96
08 71 23 00-2439	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	75.41	22.96
08 71 23 00-2440	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	80.07	22.96
08 71 23 00-2441	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	88.14	22.96
08 71 23 00-2442	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	90.38	22.96
08 71 23 00-2443	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	76.88	22.96
08 71 23 00-2444	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	85.13	22.96
08 71 23 00-2445	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	57.28	22.96
08 71 23 00-2446	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	63.66	22.96
08 71 23 00-2447	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	67.04	22.96
08 71 23 00-2448	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	70.65	22.96
08 71 23 00-2449	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	89.45	22.96
08 71 23 00-2450	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	97.30	22.96
08 71 23 00-2451	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	59.89	22.96
08 71 23 00-2452	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	62.35	22.96
08 71 23 00-2453	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	69.68	22.96
08 71 23 00-2454	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	81.34	22.96
08 71 23 00-2455	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	91.77	22.96
08 71 23 00-2456	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	108.90	22.96
08 71 23 00-2457	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	63.99	22.96
08 71 23 00-2458	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	67.77	22.96
08 71 23 00-2459	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	394.58	22.96
08 71 23 00-2460	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	433.51	32.16
08 71 23 00-2461	EA	Electrified Lock; Schlage L9080 Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	759.06	

08 71 23 00-2462 Magnetic Locks *(08 71 23 00-2254)*

08 71 23 00-2463	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	508.58	110.25
08 71 23 00-2464	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	606.37	124.03
08 71 23 00-2465	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	586.14	110.25
08 71 23 00-2466	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	683.77	124.03
08 71 23 00-2467	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	615.34	119.43
08 71 23 00-2468	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	668.53	119.43
08 71 23 00-2469	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	709.94	119.43
08 71 23 00-2470	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	783.00	137.81
08 71 23 00-2471	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	853.71	137.81
08 71 23 00-2472	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	885.56	137.81
08 71 23 00-2473	EA	2 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	267.45	45.94
08 71 23 00-2474	EA	4 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	426.31	45.94
08 71 23 00-2475	EA	6 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	508.87	45.94

08 71 23 00-2476 Interchangeable Core *(08 71 23 00-2254)*

08 71 23 00-2477	EA	Interchangeable Core; Primus D Series	144.32	22.96

08 71 23 00-2478 Door Coordinators *(08 71 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 23 00-2479	EA	32" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	306.32	28.71
		For Anodized Aluminum Finish, Deduct	*-76.59*	
08 71 23 00-2480	EA	42" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	321.38	29.85
		For Anodized Aluminum Finish, Deduct	*-80.78*	
08 71 23 00-2481	EA	52" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	329.50	31.01
		For Anodized Aluminum Finish, Deduct	*-82.19*	
08 71 23 00-2482	EA	60" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	343.62	32.16
		For Anodized Aluminum Finish, Deduct	*-86.00*	
08 71 23 00-2483	EA	72" COR Series Door Coordinator Note: Satin chrome finish. Includes two mounting brackets.	367.12	33.30
		For Anodized Aluminum Finish, Deduct	*-93.56*	
08 71 23 00-2484	EA	Up To 20" Filler Bar For Door Coordinator	74.78	9.18
		For Anodized Aluminum Finish, Deduct	*-15.21*	
08 71 23 00-2485	EA	Up To 32" Filler Bar For Door Coordinator	82.59	10.34
		For Anodized Aluminum Finish, Deduct	*-16.50*	
08 71 23 00-2486	EA	Up To 44" Filler Bar For Door Coordinator	94.47	11.49
		For Anodized Aluminum Finish, Deduct	*-19.41*	
08 71 23 00-2487	EA	CB1 Carry Bar For Door Coordinator	72.97	11.49
		For Anodized Aluminum Finish, Deduct	*-10.81*	
08 71 23 00-2488	EA	7" Projection COR Series Gravity Type Door Coordinator	108.12	17.23
		For Anodized Aluminum Finish, Deduct	*-15.69*	
08 71 23 00-2489	EA	9" Projection COR Series Gravity Type Door Coordinator	114.39	17.23
		For Anodized Aluminum Finish, Deduct	*-18.20*	

08 71 23 00-2490 Removal And Reinstallation Of Door Hardware *(08 71 23)*

Note: Includes storage and cleaning.

08 71 23 00-2491	EA	Removal And Reinstallation Of Door Lockset, Entrance	68.90	
08 71 23 00-2492	EA	Removal And Reinstallation Of Door Lockset, Mortise	110.24	
08 71 23 00-2493	EA	Removal And Reinstallation Of Deadbolt Lock	73.50	
08 71 23 00-2494	PR	Removal And Reinstallation Of Butts/Hinges	18.38	
08 71 23 00-2495	EA	Removal And Reinstallation Of Door Bumper	6.43	
08 71 23 00-2496	EA	Removal And Reinstallation Of Surface Mounted Panic Device	183.74	
08 71 23 00-2497	EA	Removal And Reinstallation Of Kick Plate	22.96	
08 71 23 00-2498	EA	Removal And Reinstallation Of Push Plate	18.38	
08 71 23 00-2499	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	91.87	
08 71 23 00-2500	EA	Removal And Reinstallation Of Door Handles	13.78	

08 71 23 00-2501 Electromagnetic Door Release *(08 71 23)*

08 71 23 00-2502	EA	Electro-Magnetic Door Release, Wall Mount, Surface 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	393.98	57.88
08 71 23 00-2503	EA	Electro-Magnetic Door Release, Wall Mount, Recessed 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	386.18	57.88
08 71 23 00-2504	EA	Electro-Magnetic Door Release, Wall Mount, Recessed, Adjustable 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	425.52	57.88
08 71 23 00-2505	EA	Electro-Magnetic Door Release, Wall Mount, Surface Or Recessed, High Hold 24 Volt AC/DC	657.71	57.88
08 71 23 00-2506	EA	Electro-Magnetic Door Release, Sliding Door 24 Volt DC	637.01	57.88
08 71 23 00-2507	EA	Electro-Magnetic Door Release, Overhead Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	637.01	57.88
08 71 23 00-2508	EA	Electro-Magnetic Door Release, Floor Mount, Single Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	586.36	57.88
08 71 23 00-2509	EA	Electro-Magnetic Door Release, Floor Mount, Back-to-Back Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	714.41	57.88
08 71 23 00-2510	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	694.39	57.88
08 71 23 00-2511	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	838.43	57.88
08 71 23 00-2512	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	433.01	57.88
08 71 23 00-2513	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	426.96	57.88
08 71 23 00-2514	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	616.16	57.88
08 71 23 00-2515	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	452.36	57.88
08 71 23 00-2516	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	452.36	57.88
08 71 23 00-2517	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	452.36	57.88

08 71 33 Weatherstripping And Seals *(08 71)*

08 71 33 00-0001 Weather-Stripping And Seals *(08 71 33)*

08 71 33 00-0002 Astragals *(08 71 33 00-0001)*

Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.

08 71 33 00-0003 Adhesive Backed Astragals *(08 71 33 00-0002)*

08 71 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	3.62	0.68
08 71 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	4.02	0.68
08 71 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.11	0.68

08 71 33 00-0007 Overlapping Astragals *(08 71 33 00-0002)*

08 71 33 00-0008 Aluminum, Overlapping Astragals *(08 71 33 00-0007)*

08 71 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	14.77	4.13
		For Color Anodized Finish, Add	*1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0010		**Stainless Steel, Overlapping Astragals** *(08 71 33 00-0007)*		
08 71 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	28.85	4.13
08 71 33 00-0012		**"T" Astragals** *(08 71 33 00-0002)*		
08 71 33 00-0013		**Aluminum, "T" Astragals** *(08 71 33 00-0012)*		
08 71 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	9.95	4.13
		For Color Anodized Finish, Add	*0.62*	
08 71 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	12.26	4.13
		For Color Anodized Finish, Add	*0.82*	
08 71 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	12.63	4.13
		For Color Anodized Finish, Add	*1.56*	
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	22.54	4.13
		For Color Anodized Finish, Add	*5.03*	
08 71 33 00-0018		**Brass/Bronze, "T" Astragals** *(08 71 33 00-0012)*		
08 71 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	50.67	4.13
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0020		**Locking Astragals** *(08 71 33 00-0002)*		
08 71 33 00-0021		**Outswing Locking Astragals** *(08 71 33 00-0020)*		
		Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 71 33 00-0022		**Aluminum, Outswing Locking Astragals** *(08 71 33 00-0021)*		
08 71 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS)	29.84	4.13
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*4.33*	
08 71 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS)	34.49	4.13
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*5.26*	
08 71 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ)	33.37	4.13
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*1.51*	
08 71 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	37.14	4.13
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*1.74*	
08 71 33 00-0027		**Inswing Locking Astragals** *(08 71 33 00-0020)*		
		Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 71 33 00-0028		**Wood, Inswing Locking Astragals** *(08 71 33 00-0027)*		
08 71 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	34.78	4.13
08 71 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	34.61	4.13
		Note: Includes kerf-in foam seal.		
08 71 33 00-0031		**Aluminum, Inswing Locking Astragals** *(08 71 33 00-0027)*		
08 71 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	20.11	4.13
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.39*	
08 71 33 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	23.99	4.13
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.16*	
08 71 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	21.58	4.13
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*2.68*	
08 71 33 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	25.42	4.13
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*3.45*	
08 71 33 00-0036		**Security Astragals** *(08 71 33 00-0002)*		
08 71 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	18.81	4.13
		For Color Anodized Finish, Add	*10.64*	
08 71 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	31.04	4.13
08 71 33 00-0039		**Meeting Stile Astragals** *(08 71 33 00-0002)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0040		One Piece, Meeting Stile Astragals *(08 71 33 00-0039)*		
		Note: Includes an astragal for one door only.		
08 71 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	12.13	4.13
		For Color Anodized Finish, Add	*1.19*	
08 71 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	18.87	6.15
		For Color Anodized Finish, Add	*2.64*	
08 71 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	24.61	6.15
		For Color Anodized Finish, Add	*1.23*	
08 71 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	25.35	6.15
		For Color Anodized Finish, Add	*3.27*	
08 71 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	31.44	6.15
08 71 33 00-0046		Two Piece, Meeting Stile Split Astragals *(08 71 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 71 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	15.31	6.15
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.04*	
08 71 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	15.31	6.15
		For Color Anodized Finish, Add	*3.04*	
08 71 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	15.31	6.15
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.04*	
08 71 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	23.36	6.15
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.22*	
08 71 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	19.40	6.15
		For Color Anodized Finish, Add	*2.85*	
08 71 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	19.93	6.15
		For Color Anodized Finish, Add	*3.06*	
08 71 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	23.89	6.15
		For Color Anodized Finish, Add	*5.81*	
		For Silicone Insert, Add	*0.95*	
08 71 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	24.41	6.15
		For Color Anodized Finish, Add	*4.86*	
08 71 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	24.94	6.15
		For Color Anodized Finish, Add	*5.07*	
08 71 33 00-0056		Two Piece, Adjustable Meeting Stile Split Astragals *(08 71 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 71 33 00-0057		Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 71 33 00-0056)*		
08 71 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	43.69	6.15
		For Color Anodized Finish, Add	*7.86*	
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	44.52	6.15
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*6.45*	
08 71 33 00-0060		Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 71 33 00-0056)*		
08 71 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	156.23	6.15
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	146.16	6.15
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0063		Door Sweeps *(08 71 33 00-0001)*		
08 71 33 00-0064		Tack On Door Sweeps *(08 71 33 00-0063)*		
08 71 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	5.52	2.29
08 71 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	5.60	2.29
08 71 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	5.83	2.29
08 71 33 00-0068		Aluminum Retainer Door Sweeps *(08 71 33 00-0063)*		
08 71 33 00-0069		35 Degree, Aluminum Retainer Door Sweeps *(08 71 33 00-0068)*		
		Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	13.01	4.59
		For Color Anodized Finish, Add	*1.53*	
08 71 33 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	13.40	4.59
		For Color Anodized Finish, Add	*1.48*	

08 71 33 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 71 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.

08 71 33 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	19.74	4.59
		For Color Anodized Finish, Add	*4.22*	
08 71 33 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	21.32	4.59
		For Color Anodized Finish, Add	*4.86*	
08 71 33 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	24.76	4.59
		For Color Anodized Finish, Add	*6.23*	

08 71 33 00-0076 90 Degree, Aluminum Retainer Door Sweeps *(08 71 33 00-0068)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 71 33 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	14.33	4.59
		For Color Anodized Finish, Add	*0.52*	
08 71 33 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	14.20	4.59
		For Color Anodized Finish, Add	*0.50*	
08 71 33 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	15.12	4.59
		For Color Anodized Finish, Add	*2.08*	
08 71 33 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	15.52	4.59
		For Color Anodized Finish, Add	*2.54*	
08 71 33 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	13.93	4.59
		For Color Anodized Finish, Add	*1.19*	
08 71 33 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	17.63	4.59
		For Color Anodized Finish, Add	*1.69*	
08 71 33 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	14.72	4.59
		For Color Anodized Finish, Add	*1.11*	
08 71 33 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	11.26	4.59
		For Color Anodized Finish, Add	*1.04*	
08 71 33 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	11.36	4.59
		For Color Anodized Finish, Add	*1.09*	
08 71 33 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	12.48	4.59
		For Color Anodized Finish, Add	*1.16*	

08 71 33 00-0087 180 Degree, Aluminum Retainer Door Sweeps *(08 71 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 71 33 00-0088 180 Degree, Aluminum Retainer Door Sweeps *(08 71 33 00-0087)*

08 71 33 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	12.74	4.59
		For Color Anodized Finish, Add	*1.42*	
08 71 33 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	13.01	4.59
		For Color Anodized Finish, Add	*1.53*	
08 71 33 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	15.12	4.59
		For Color Anodized Finish, Add	*2.08*	

08 71 33 00-0092 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 71 33 00-0087)*

08 71 33 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	15.25	4.59
		For Color Anodized Finish, Add	*2.43*	
08 71 33 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	15.52	4.59
		For Color Anodized Finish, Add	*2.54*	
08 71 33 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	16.63	4.59
		For Color Anodized Finish, Add	*2.98*	

08 71 33 00-0096 Mortised, Aluminum Retainer Door Sweeps *(08 71 33 00-0068)*

Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.

08 71 33 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	11.56	4.59
08 71 33 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	11.56	4.59
08 71 33 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	11.69	4.59

08 71 33 00-0100 Aluminum Retainer Door Sweeps With Rain Drip *(08 71 33 00-0063)*

08 71 33 00-0101 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 71 33 00-0100)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.

08 71 33 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	11.29	4.59
		For Color Anodized Finish, Add	*1.48*	
08 71 33 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	13.01	4.59
		For Color Anodized Finish, Add	*1.53*	
08 71 33 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	14.30	4.59
		For Color Anodized Finish, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	14.53	4.59
		For Color Anodized Finish, Add	*1.07*	
08 71 33 00-0106		Brass/Bronze Retainer Door Sweeps *(08 71 33 00-0063)*		
08 71 33 00-0107		90 Degree, Brass/Bronze Retainer Door Sweeps *(08 71 33 00-0106)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 33 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	17.10	4.59
08 71 33 00-0109		Oak Retainer Door Sweeps *(08 71 33 00-0063)*		
08 71 33 00-0110		90 Degree, Oak Retainer Door Sweeps *(08 71 33 00-0109)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 33 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	14.06	4.59
08 71 33 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	16.15	4.59
08 71 33 00-0113		Door Shoes And Bottoms *(08 71 33 00-0001)*		
08 71 33 00-0114		Door Shoes *(08 71 33 00-0113)*		
08 71 33 00-0115		Aluminum Retainer Door Shoes *(08 71 33 00-0114)*		
08 71 33 00-0116		Bottom Mount, Aluminum Retainer Door Shoes *(08 71 33 00-0115)*		
08 71 33 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	12.35	4.59
		For Color Anodized Finish, Add	*1.27*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 71 33 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	12.74	4.59
		For Color Anodized Finish, Add	*1.42*	
08 71 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	16.57	4.59
		For Color Anodized Finish, Add	*1.48*	
08 71 33 00-0120		Side Mount, Aluminum Retainer Door Shoes *(08 71 33 00-0115)*		
08 71 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	14.06	4.59
		For Color Anodized Finish, Add	*1.95*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 71 33 00-0122		L Or U Shaped, Aluminum Retainer Door Shoes *(08 71 33 00-0115)*		
08 71 33 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	13.01	4.59
		For Color Anodized Finish, Add	*1.92*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	13.80	4.59
		For Color Anodized Finish, Add	*1.85*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	14.06	4.59
		For Color Anodized Finish, Add	*1.95*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	19.43	4.59
		For Color Anodized Finish, Add	*2.05*	
08 71 33 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	19.70	4.59
		For Color Anodized Finish, Add	*2.10*	
08 71 33 00-0128		L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes *(08 71 33 00-0115)*		
08 71 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	13.27	4.59
		For Color Anodized Finish, Add	*2.05*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	14.06	4.59
		For Color Anodized Finish, Add	*1.95*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	14.20	4.59
		For Color Anodized Finish, Add	*2.01*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 71 33 00-0132		Vinyl Door Shoes *(08 71 33 00-0114)*		
08 71 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	15.85	4.59
08 71 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	18.86	4.59
08 71 33 00-0135		Door Bottoms *(08 71 33 00-0113)*		
08 71 33 00-0136		Automatic Door Bottoms *(08 71 33 00-0135)*		
08 71 33 00-0137		Aluminum Automatic Door Bottoms *(08 71 33 00-0136)*		
08 71 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	26.56	4.59
		For Color Anodized Finish, Add	*3.48*	
08 71 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	37.45	4.59
		For Color Anodized Finish, Add	*5.65*	
08 71 33 00-0140		Door Top Protection *(08 71 33 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	10.24	3.67
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.79*	
08 71 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	10.24	3.67
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.79*	
08 71 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	11.77	3.67
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.21*	
08 71 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	53.29	

08 71 33 00-0145 Perimeter Gasketing Weather-Strip *(08 71 33 00-0001)*

Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.

08 71 33 00-0146 Adhesive Backed Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*

08 71 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.22	2.29
		For Intumescent Seal, Add	*1.50*	
08 71 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.26	2.29
		For Intumescent Seal, Add	*1.50*	
08 71 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	3.86	2.29
08 71 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	3.51	2.29
08 71 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	4.53	2.29
		For Intumescent Seal, Add	*1.50*	
08 71 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	4.23	2.29
		For Intumescent Seal, Add	*1.50*	
08 71 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	5.50	2.29
08 71 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	5.10	2.29

08 71 33 00-0155 Kerf-In Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*

08 71 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	2.90	2.29
08 71 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	4.20	2.29
08 71 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	3.22	2.29
08 71 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	3.18	2.29
08 71 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.06	2.29

08 71 33 00-0161 Cushion/Spring Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*

08 71 33 00-0162 Spring Bronze Perimeter Gasketing Weather-Strip *(08 71 33 00-0161)*

08 71 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	7.34	2.29
08 71 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	7.34	2.29
08 71 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	7.89	2.29
08 71 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	8.00	2.29

08 71 33 00-0167 Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 71 33 00-0161)*

08 71 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	7.04	2.29
08 71 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	7.89	2.29
08 71 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	8.81	2.29

08 71 33 00-0171 Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*

08 71 33 00-0172 Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0171)*

08 71 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	6.11	2.29
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.52*	
08 71 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	6.11	2.29
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.52*	
08 71 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	6.11	2.29
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.52*	
08 71 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	10.13	2.29
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.11*	
08 71 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	10.40	2.29
		For Color Anodized Finish, Add	*2.91*	
		For Silicone Insert, Add	*0.95*	
08 71 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	10.40	2.29
		For Color Anodized Finish, Add	*2.03*	

08 71 33 00-0179 Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0171)*

08 71 33 00-0180 Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0179)*

08 71 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	9.94	2.29
		For Silicone Insert, Add	*0.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 33 00-0182		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0179)*		
08 71 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	10.98	2.29
08 71 33 00-0184		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*		
08 71 33 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0184)*		
08 71 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	21.09	2.29
		For Silicone Insert, Add	*1.58*	
08 71 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	35.87	2.29
08 71 33 00-0188		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0184)*		
08 71 33 00-0189		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0188)*		
08 71 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	30.96	2.29
		For Silicone Insert, Add	*0.63*	
08 71 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)*		
08 71 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	14.65	4.59
		For Color Anodized Finish, Add	*2.19*	
08 71 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	15.11	4.59
		For Color Anodized Finish, Add	*2.37*	
08 71 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 71 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
08 71 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	17.60	2.29
		For Color Anodized Finish, Add	*2.60*	
08 71 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	18.53	2.29
		For Color Anodized Finish, Add	*2.79*	
08 71 33 00-0197		Perimeter Gasketing Smoke Seals *(08 71 33 00-0001)* Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 71 33 00-0198	LF	Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	3.81	2.29
08 71 43		**Thresholds** *(08 71)*		
08 71 43 00-0001		Thresholds *(08 71 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 71 43 00-0002		Metal Thresholds *(08 71 43 00-0001)*		
08 71 43 00-0003		Saddle Thresholds *(08 71 43 00-0002)*		
08 71 43 00-0004		Aluminum Saddle Thresholds *(08 71 43 00-0003)* Note: Includes mill finish.		
08 71 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 71 43 00-0004)*		
08 71 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	23.39	7.35
		For Color Anodized Finish, Add	*2.01*	
08 71 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 71 43 00-0004)*		
08 71 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	25.63	7.35
		For Color Anodized Finish, Add	*2.90*	
08 71 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	30.08	9.18
		For Color Anodized Finish, Add	*4.99*	
08 71 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	32.60	9.18
		For Color Anodized Finish, Add	*4.83*	
08 71 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	35.62	9.18
		For Color Anodized Finish, Add	*4.43*	
08 71 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	40.11	9.18
		For Color Anodized Finish, Add	*4.29*	
08 71 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	48.15	11.02
		For Color Anodized Finish, Add	*5.15*	
08 71 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	51.19	11.02
		For Color Anodized Finish, Add	*5.91*	
08 71 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	56.03	11.02
		For Color Anodized Finish, Add	*7.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 71 43 00-0004)*		
08 71 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	25.23	7.35
		For Color Anodized Finish, Add	*2.40*	
08 71 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 71 43 00-0004)*		
08 71 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	25.37	7.35
		For Color Anodized Finish, Add	*3.50*	
08 71 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	31.13	9.18
		For Color Anodized Finish, Add	*5.73*	
08 71 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	33.71	9.18
		For Color Anodized Finish, Add	*5.38*	
08 71 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	35.89	9.18
		For Color Anodized Finish, Add	*4.53*	
08 71 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	40.11	9.18
		For Color Anodized Finish, Add	*4.29*	
08 71 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	49.74	11.02
		For Color Anodized Finish, Add	*7.76*	
08 71 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	52.51	11.02
		For Color Anodized Finish, Add	*9.98*	
08 71 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	55.28	11.02
		For Color Anodized Finish, Add	*11.09*	
08 71 43 00-0027		Brass/Bronze Saddle Thresholds *(08 71 43 00-0003)*		
08 71 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 71 43 00-0027)*		
08 71 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	63.25	7.35
08 71 43 00-0030		1/4" Height, Brass/Bronze Saddle Thresholds *(08 71 43 00-0027)*		
08 71 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	97.57	7.35
08 71 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	117.99	9.18
08 71 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	141.75	9.18
08 71 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	164.85	9.18
08 71 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	191.25	9.18
08 71 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	245.36	11.02
08 71 43 00-0037		1/2" Height, Brass/Bronze Saddle Thresholds *(08 71 43 00-0027)*		
08 71 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	128.55	9.18
08 71 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	154.95	9.18
08 71 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	181.35	9.18
08 71 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	214.35	9.18
08 71 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	303.66	11.02
08 71 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	288.52	11.02
08 71 43 00-0044		Stainless Steel Saddle Thresholds *(08 71 43 00-0003)*		
08 71 43 00-0045		1/2" Height, Stainless Steel Saddle Thresholds *(08 71 43 00-0044)*		
08 71 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	108.75	9.18
08 71 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	115.35	9.18
08 71 43 00-0048		Half Saddle Thresholds *(08 71 43 00-0002)*		
08 71 43 00-0049		Aluminum Half Saddle Thresholds *(08 71 43 00-0048)*		
		Note: Includes mill finish.		
08 71 43 00-0050		3/4" Height, Aluminum Half Saddle Thresholds *(08 71 43 00-0049)*		
08 71 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	36.19	9.18
		For Color Anodized Finish, Add	*5.30*	
08 71 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	45.79	9.18
		For Color Anodized Finish, Add	*2.28*	
08 71 43 00-0053		Offset Saddle Thresholds *(08 71 43 00-0002)*		
08 71 43 00-0054		Aluminum Offset Saddle Thresholds *(08 71 43 00-0053)*		
		Note: Includes mill finish.		
08 71 43 00-0055		1/2" Height, Aluminum Offset Saddle Thresholds *(08 71 43 00-0054)*		
08 71 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	36.28	9.18
		For Color Anodized Finish, Add	*6.67*	
08 71 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	39.71	9.18
		For Color Anodized Finish, Add	*5.87*	
08 71 43 00-0058		3/4" Height, Aluminum Offset Saddle Thresholds *(08 71 43 00-0054)*		
08 71 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	36.28	9.18
		For Color Anodized Finish, Add	*6.67*	
08 71 43 00-0060		1" Height, Aluminum Offset Saddle Thresholds *(08 71 43 00-0054)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	41.03	9.18
		For Color Anodized Finish, Add	*6.33*	
08 71 43 00-0062		**Modular Ramp Thresholds** *(08 71 43 00-0001)* Note: Includes mill finish.		
08 71 43 00-0063		**Flush, Aluminum Modular Ramp Thresholds** *(08 71 43 00-0062)*		
08 71 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	37.50	9.18
		For Non-Slip Surfacing, Add	*57.39*	
08 71 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	46.39	10.11
		For Non-Slip Surfacing, Add	*73.33*	
08 71 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	58.58	11.48
		For Non-Slip Surfacing, Add	*99.76*	
08 71 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	73.69	11.93
		For Non-Slip Surfacing, Add	*134.49*	
08 71 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	85.45	12.86
		For Non-Slip Surfacing, Add	*179.22*	
08 71 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	105.35	14.24
		For Non-Slip Surfacing, Add	*199.89*	
08 71 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	117.42	15.61
		For Non-Slip Surfacing, Add	*224.12*	
08 71 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	124.54	16.53
		For Non-Slip Surfacing, Add	*228.70*	
08 71 43 00-0072		**3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 71 43 00-0062)*		
08 71 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	62.23	11.48
		For Non-Slip Surfacing, Add	*106.06*	
08 71 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	72.60	11.93
		For Non-Slip Surfacing, Add	*131.54*	
08 71 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	90.45	13.78
		For Non-Slip Surfacing, Add	*163.54*	
08 71 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	105.85	14.69
		For Non-Slip Surfacing, Add	*198.80*	
08 71 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	121.19	15.61
		For Non-Slip Surfacing, Add	*233.92*	
08 71 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	132.35	16.53
		For Non-Slip Surfacing, Add	*258.15*	
08 71 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	161.31	17.45
		For Non-Slip Surfacing, Add	*328.67*	
08 71 43 00-0080		**7" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 71 43 00-0062)*		
08 71 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	71.74	12.40
		For Non-Slip Surfacing, Add	*131.43*	
08 71 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	83.93	13.78
		For Non-Slip Surfacing, Add	*157.86*	
08 71 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	99.94	14.69
		For Non-Slip Surfacing, Add	*190.49*	
08 71 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	111.71	15.61
		For Non-Slip Surfacing, Add	*217.32*	
08 71 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	130.68	16.53
		For Non-Slip Surfacing, Add	*253.81*	
08 71 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	141.84	17.45
		For Non-Slip Surfacing, Add	*278.04*	
08 71 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	163.15	18.37
		For Non-Slip Surfacing, Add	*316.03*	
08 71 43 00-0088		**Accessories For Aluminum Modular Ramp Thresholds** *(08 71 43 00-0062)*		
08 71 43 00-0089		**Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds** *(08 71 43 00-0088)*		
08 71 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	164.85	11.48
		For Non-Slip Surfacing, Add	*17.03*	
08 71 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	251.75	11.48
		For Non-Slip Surfacing, Add	*27.46*	
08 71 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	496.35	16.07
		For Non-Slip Surfacing, Add	*55.70*	
08 71 43 00-0093		**Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds** *(08 71 43 00-0088)*		
08 71 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	164.85	11.48
		For Non-Slip Surfacing, Add	*17.03*	
08 71 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	251.75	11.48
		For Non-Slip Surfacing, Add	*27.46*	
08 71 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	496.35	16.07
		For Non-Slip Surfacing, Add	*55.70*	
08 71 43 00-0097		**Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0001)* Note: Includes vinyl or pile seal.		
08 71 43 00-0098		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0097)* Note: Includes mill finish.		
08 71 43 00-0099		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0098)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0100		**7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0099)*		
08 71 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	43.15	9.18
		For Color Anodized Finish, Add	*7.07*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	36.41	9.18
		For Color Anodized Finish, Add	*6.73*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	47.37	9.18
		For Color Anodized Finish, Add	*8.55*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	49.22	9.18
		For Color Anodized Finish, Add	*9.19*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0105		**1" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0099)*		
08 71 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	34.83	9.18
		For Color Anodized Finish, Add	*5.94*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	36.68	9.18
		For Color Anodized Finish, Add	*6.87*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0108		**Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0098)*		
08 71 43 00-0109		**7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0108)*		
08 71 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	38.66	9.18
		For Color Anodized Finish, Add	*6.28*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	40.37	9.18
		For Color Anodized Finish, Add	*6.97*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	42.88	9.18
		For Color Anodized Finish, Add	*6.98*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	45.72	9.18
		For Color Anodized Finish, Add	*7.97*	
		For Thermoseal, Add	*0.63*	
08 71 43 00-0114		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0097)*		
08 71 43 00-0115		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0114)*		
08 71 43 00-0116		**7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0115)*		
08 71 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	182.67	9.18
		For Thermoseal, Add	*0.63*	
08 71 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	169.47	9.18
		For Thermoseal, Add	*0.63*	
08 71 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	243.39	9.18
		For Thermoseal, Add	*0.63*	
08 71 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	217.78	9.18
		For Thermoseal, Add	*0.63*	
08 71 43 00-0121		**1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0115)*		
08 71 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	179.77	9.18
		For Thermoseal, Add	*0.63*	
08 71 43 00-0123		**Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0114)*		
08 71 43 00-0124		**7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 71 43 00-0123)*		
08 71 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	186.12	10.11
		For Thermoseal, Add	*0.63*	
08 71 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	195.22	10.11
		For Thermoseal, Add	*0.63*	
08 71 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	244.46	10.11
		For Thermoseal, Add	*0.63*	
08 71 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	222.66	10.56
		For Thermoseal, Add	*0.63*	
08 71 43 00-0129		**Carpet Separator Thresholds** *(08 71 43 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 71 43 00-0129)* Note: Includes mill finish.		
08 71 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 71 43 00-0130)*		
08 71 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	26.42	7.35
		For Color Anodized Finish, Add	*3.22*	
08 71 43 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 71 43 00-0130)*		
08 71 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	21.61	6.43
		For Color Anodized Finish, Add	*1.94*	
08 71 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	32.85	7.35
		For Color Anodized Finish, Add	*3.96*	
08 71 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	38.39	7.35
		For Color Anodized Finish, Add	*6.18*	
08 71 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 71 43 00-0130)*		
08 71 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	19.90	6.43
		For Color Anodized Finish, Add	*0.96*	
08 71 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 71 43 00-0130)*		
08 71 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	21.61	6.43
		For Color Anodized Finish, Add	*1.66*	
08 71 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	33.25	9.18
		For Color Anodized Finish, Add	*4.12*	
08 71 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	34.83	9.18
		For Color Anodized Finish, Add	*3.56*	
08 71 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 71 43 00-0129)*		
08 71 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 71 43 00-0143)*		
08 71 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	99.02	7.35
08 71 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 71 43 00-0143)*		
08 71 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	130.41	6.43
08 71 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	118.65	9.18
08 71 43 00-0149		Vinyl Transition Thresholds *(08 71 43 00-0001)* Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 71 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 71 43 00-0149)* Note: Serves as a transition where carpet meets carpet beneath a door.		
08 71 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	31.26	7.35
08 71 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 71 43 00-0149)* Note: Serves as a transition where carpet meets tile beneath a door.		
08 71 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	31.26	7.35
08 71 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 71 43 00-0149)* Note: Serves as a transition where carpet meets concrete beneath a door.		
08 71 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	33.92	9.18
08 71 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 71 43 00-0149)* Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 71 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	36.06	9.18
08 71 43 00-0158		Residential Thresholds *(08 71 43 00-0001)*		
08 71 43 00-0159		Wood Residential Thresholds *(08 71 43 00-0158)*		
08 71 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	13.90	4.59
08 71 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	14.34	4.59
08 71 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	18.94	4.89
08 71 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	19.27	5.07
08 71 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	28.44	5.22
08 71 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 71 43 00-0158)*		
08 71 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	16.32	4.59
08 71 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	19.67	5.07
08 71 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	35.11	5.07
08 71 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 71 43 00-0158)*		
08 71 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	16.36	4.59
		For Color Anodized Finish, Add	*1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	19.01	5.07
		For Color Anodized Finish, Add	*2.54*	
08 71 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	20.06	5.07
		For Color Anodized Finish, Add	*2.96*	
08 71 43 00-0173		Interlocking Residential Thresholds *(08 71 43 00-0158)*		
08 71 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 71 43 00-0173)*		
08 71 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 71 43 00-0174)*		
08 71 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	34.56	5.22
		For Color Anodized Finish, Add	*6.46*	
08 71 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 71 43 00-0174)*		
08 71 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	23.44	4.89
		For Color Anodized Finish, Add	*3.37*	
08 71 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	21.51	5.07
		For Color Anodized Finish, Add	*4.42*	
08 71 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	24.79	5.22
		For Color Anodized Finish, Add	*3.53*	
08 71 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 71 43 00-0174)*		
08 71 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	26.90	5.22
		For Color Anodized Finish, Add	*6.93*	
08 71 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 71 43 00-0173)*		
08 71 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 43 00-0183)*		
08 71 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	135.14	5.22
08 71 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 43 00-0183)*		
08 71 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	101.77	5.07
08 71 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 71 43 00-0183)*		
08 71 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	138.44	5.22
08 71 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	198.21	5.36
08 71 43 00-0191		Residential Door Sills *(08 71 43 00-0001)*		
08 71 43 00-0192		Fixed Aluminum Residential Door Sills *(08 71 43 00-0191)*		
08 71 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	20.56	5.22
		For Color Anodized Finish, Add	*3.76*	
08 71 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	21.97	5.36
		For Color Anodized Finish, Add	*3.42*	
08 71 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 71 43 00-0191)*		
08 71 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	28.63	5.22
		For Color Anodized Finish, Add	*5.46*	
08 71 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	29.39	5.36
		For Color Anodized Finish, Add	*5.59*	
08 71 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 71 43 00-0191)*		
08 71 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	28.89	5.07
		For Color Anodized Finish, Add	*5.68*	
08 71 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	29.26	5.22
		For Color Anodized Finish, Add	*4.06*	
08 71 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	30.51	5.36
		For Color Anodized Finish, Add	*4.28*	
08 71 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 71 43 00-0191)*		
08 71 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	12.48	4.59
		For Color Anodized Finish, Add	*2.31*	
08 71 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	13.54	4.59
		For Color Anodized Finish, Add	*2.18*	
08 71 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	14.59	4.59
		For Color Anodized Finish, Add	*1.35*	
08 71 43 00-0206		Stone Thresholds *(08 71 43 00-0001)*		
08 71 43 00-0207		Marble Thresholds *(08 71 43 00-0206)*		
08 71 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	16.49	6.55
08 71 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	17.90	6.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	19.78	6.55
08 71 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	24.05	6.55
08 71 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	29.01	6.55
08 71 43 00-0213		Corian Thresholds *(08 71 43 00-0206)*		
08 71 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	51.97	7.62

08 71 53 Security Door Hardware *(08 71)*

08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	220.86	34.45
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	297.66	34.45
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)	253.66	34.45
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W)	321.58	34.45
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	377.16	45.94
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S)	68.52	45.94
		Note: For use with Detex EAX exit alarms.		

08 75 Window Hardware *(08 70)*

08 75 00 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75)*		
08 75 00 00-0002	EA	Gym Window Electronic Opener	1,318.34	195.68

08 79 Hardware Accessories *(08 70)*

08 79 00 00-0001		Pad Locks *(08 79)*		
08 79 00 00-0002	EA	Combination Padlock	16.58	4.60
08 79 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	35.55	4.60
08 79 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	32.98	4.60
08 79 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	36.17	4.60
08 79 00 00-0006	EA	Commercial U-Bar Lock	43.53	4.60
08 79 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	36.81	4.60
08 79 00 00-0008	EA	High Security Padlocks	33.40	4.60
08 79 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	18.45	4.60
08 79 00 00-0010		Key Cabinet *(08 79)*		
08 79 00 00-0011		Key Cabinets *(08 79 00 00-0010)*		
08 79 00 00-0012	EA	Wall Mounted Key Cabinet, Up To 30 Keys	286.88	16.53
08 79 00 00-0013	EA	Wall Mounted Key Cabinet, Up To 60 Keys	385.67	18.37
08 79 00 00-0014	EA	Wall Mounted Key Cabinet, Up To 240 Keys	859.10	27.55
08 79 00 00-0015	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	2,198.17	36.74
08 79 00 00-0016	EA	Drawer Type Key Cabinet, Up To 600 Keys	2,338.64	24.33
08 79 00 00-0017	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	5,265.92	18.37
08 79 00 00-0018	EA	Tray Type Key Cabinet, Up To 20 Keys	120.93	7.35
08 79 00 00-0019	EA	Tray Type Key Cabinet, Up To 50 Keys	171.82	9.18
08 79 00 00-0020		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 00 00-0010)*		
08 79 00 00-0021	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	166.85	13.78
08 79 00 00-0022	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	188.09	13.78
08 79 00 00-0023	EA	Relocate Key Box, Metal, 3" Deep x 10" Wide x 12" High, Including Storage And Cleaning	46.85	
08 79 00 00-0024	EA	Relocate Heavy Duty Key Box, With Combo Lock Door, Including Storage And Cleaning	105.65	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001		Clear Float Factory Installed Glass *(08 81 23 13)*	
08 81 23 13-0002		Clear Float Factory Installed Glass *(08 81 23 13-0001)*	
		Note: Type I, Class I, Quality Q3.	
08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	1.80
		For >50 To 200, Deduct	*-0.05*
		For >200 To 400, Deduct	*-0.11*
		For >400, Deduct	*-0.16*
		For Tinted Glass, Add	*0.45*
		For Reflective Coated Glass, Add	*0.81*
		For Low-E Coated Glass, Add	*0.45*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	1.93	
		For >50 To 200, Deduct	*-0.06*	
		For >200 To 400, Deduct	*-0.12*	
		For >400, Deduct	*-0.17*	
		For Tinted Glass, Add	*0.48*	
		For Reflective Coated Glass, Add	*0.87*	
		For Low-E Coated Glass, Add	*0.48*	
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	2.34	
		For >50 To 200, Deduct	*-0.07*	
		For >200 To 400, Deduct	*-0.14*	
		For >400, Deduct	*-0.21*	
		For Tinted Glass, Add	*0.59*	
		For Reflective Coated Glass, Add	*1.05*	
		For Low-E Coated Glass, Add	*0.59*	
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	3.89	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.23*	
		For >400, Deduct	*-0.35*	
		For Tinted Glass, Add	*0.97*	
		For Reflective Coated Glass, Add	*1.75*	
		For Low-E Coated Glass, Add	*0.97*	
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	5.66	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Tinted Glass, Add	*1.42*	
		For Reflective Coated Glass, Add	*2.55*	
		For Low-E Coated Glass, Add	*1.42*	
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	6.22	
		For >50 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.37*	
		For >400, Deduct	*-0.56*	
		For Tinted Glass, Add	*1.56*	
		For Reflective Coated Glass, Add	*2.80*	
		For Low-E Coated Glass, Add	*1.56*	
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	7.44	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.45*	
		For >400, Deduct	*-0.67*	
		For Tinted Glass, Add	*1.86*	
		For Reflective Coated Glass, Add	*3.35*	
		For Low-E Coated Glass, Add	*1.86*	
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	9.19	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Tinted Glass, Add	*2.30*	
		For Reflective Coated Glass, Add	*4.14*	
		For Low-E Coated Glass, Add	*2.30*	

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	2.61	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.16*	
		For >400, Deduct	*-0.23*	
		For Tinted Glass, Add	*0.65*	
		For Reflective Coated Glass, Add	*1.17*	
		For Low-E Coated Glass, Add	*0.65*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	2.79	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.17*	
		For >400, Deduct	*-0.25*	
		For Tinted Glass, Add	*0.70*	
		For Reflective Coated Glass, Add	*1.26*	
		For Low-E Coated Glass, Add	*0.70*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	3.39	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.20*	
		For >400, Deduct	*-0.31*	
		For Tinted Glass, Add	*0.85*	
		For Reflective Coated Glass, Add	*1.53*	
		For Low-E Coated Glass, Add	*0.85*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	5.65	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Tinted Glass, Add	*1.41*	
		For Reflective Coated Glass, Add	*2.54*	
		For Low-E Coated Glass, Add	*1.41*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	8.21	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.74*	
		For Tinted Glass, Add	*2.05*	
		For Reflective Coated Glass, Add	*3.69*	
		For Low-E Coated Glass, Add	*2.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	9.02	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Tinted Glass, Add	*2.26*	
		For Reflective Coated Glass, Add	*4.06*	
		For Low-E Coated Glass, Add	*2.26*	
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	10.79	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.65*	
		For >400, Deduct	*-0.97*	
		For Tinted Glass, Add	*2.70*	
		For Reflective Coated Glass, Add	*4.86*	
		For Low-E Coated Glass, Add	*2.70*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	13.33	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.20*	
		For Tinted Glass, Add	*3.33*	
		For Reflective Coated Glass, Add	*6.00*	
		For Low-E Coated Glass, Add	*3.33*	

08 81 23 13-0021 Patterned Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0022 Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	5.12	

08 81 23 13-0024 Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	3.11	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	3.11	

08 81 23 13-0027 Wired Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0028 Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	8.05	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	8.05	

08 81 23 13-0031 Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*

08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	8.80	

08 81 23 13-0033 Frosted Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0034 Frosted Factory Installed Glass *(08 81 23 13-0033)*

08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	4.07	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.24*	
		For >400, Deduct	*-0.37*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	5.34	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.48*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	6.75	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.61*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	10.09	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.91*	

08 81 23 13-0039 Fire Rated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0040 Fire Rated Factory Installed Glass *(08 81 23 13-0039)*

08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	11.05	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	22.00	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	34.00	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	45.00	

08 81 23 13-0045 Laminated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0046 Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)*

Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	7.17	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.65*	
		For Tinted Glass, Add	*1.79*	
		For Reflective Coated Glass, Add	*3.23*	
		For Low-E Coated Glass, Add	*1.79*	
		For One Piece Heat Strengthened Glass, Add	*1.43*	
		For One Piece Fully Tempered Glass, Add	*1.43*	
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	8.95	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Tinted Glass, Add	*2.24*	
		For Reflective Coated Glass, Add	*4.03*	
		For Low-E Coated Glass, Add	*2.24*	
		For One Piece Heat Strengthened Glass, Add	*1.79*	
		For One Piece Fully Tempered Glass, Add	*1.79*	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	12.16	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.73*	
		For >400, Deduct	*-1.09*	
		For Tinted Glass, Add	*3.04*	
		For Reflective Coated Glass, Add	*5.47*	
		For Low-E Coated Glass, Add	*3.04*	
		For One Piece Heat Strengthened Glass, Add	*2.43*	
		For One Piece Fully Tempered Glass, Add	*2.43*	

08 81 23 13-0050 Insulated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0051 Insulated, Factory Installed Glass *(08 81 23 13-0050)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0052	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	5.19	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.47*	
		For Tinted Glass, Add	*1.30*	
		For Reflective Coated Glass, Add	*2.34*	
		For Low-E Coated Glass, Add	*1.30*	
		For One Piece Heat Strengthened Glass, Add	*1.04*	
		For One Piece Fully Tempered Glass, Add	*1.04*	
		For One Piece Obscure Glass, Add	*2.21*	
		For Argon Gas, Add	*1.43*	
08 81 23 13-0053	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	5.25	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.47*	
		For Tinted Glass, Add	*1.31*	
		For Reflective Coated Glass, Add	*2.36*	
		For Low-E Coated Glass, Add	*1.31*	
		For One Piece Heat Strengthened Glass, Add	*1.05*	
		For One Piece Fully Tempered Glass, Add	*1.05*	
		For One Piece Obscure Glass, Add	*2.23*	
		For Argon Gas, Add	*1.44*	
08 81 23 13-0054	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	5.50	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.33*	
		For >400, Deduct	*-0.50*	
		For Tinted Glass, Add	*1.38*	
		For Reflective Coated Glass, Add	*2.48*	
		For Low-E Coated Glass, Add	*1.38*	
		For One Piece Heat Strengthened Glass, Add	*1.10*	
		For One Piece Fully Tempered Glass, Add	*1.10*	
		For One Piece Obscure Glass, Add	*2.34*	
		For Argon Gas, Add	*1.51*	
08 81 23 13-0055	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	6.67	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.40*	
		For >400, Deduct	*-0.60*	
		For Tinted Glass, Add	*1.67*	
		For Reflective Coated Glass, Add	*3.00*	
		For Low-E Coated Glass, Add	*1.67*	
		For One Piece Heat Strengthened Glass, Add	*1.33*	
		For One Piece Fully Tempered Glass, Add	*1.33*	
		For One Piece Obscure Glass, Add	*2.83*	
		For Argon Gas, Add	*1.83*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

08 81 23 23-0001 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0003	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	14.83	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.16*	
		For >400, Deduct	*-0.23*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.22*	
		For Tinted Glass, Add	*0.65*	
		For Reflective Coated Glass, Add	*1.17*	
		For Low-E Coated Glass, Add	*0.65*	
08 81 23 23-0004	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	15.95	
		For >50 To 200, Deduct	*-0.08*	
		For >200 To 400, Deduct	*-0.17*	
		For >400, Deduct	*-0.25*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.16*	
		For Tinted Glass, Add	*0.70*	
		For Reflective Coated Glass, Add	*1.26*	
		For Low-E Coated Glass, Add	*0.70*	
08 81 23 23-0005	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	17.49	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.20*	
		For >400, Deduct	*-0.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
		For Tinted Glass, Add	*0.85*	
		For Reflective Coated Glass, Add	*1.53*	
		For Low-E Coated Glass, Add	*0.85*	
08 81 23 23-0006	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	21.62	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.34*	
		For >400, Deduct	*-0.51*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.97*	
		For Tinted Glass, Add	*1.41*	
		For Reflective Coated Glass, Add	*2.54*	
		For Low-E Coated Glass, Add	*1.41*	
08 81 23 23-0007	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	26.07	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.74*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	
		For Tinted Glass, Add	*2.05*	
		For Reflective Coated Glass, Add	*3.69*	
		For Low-E Coated Glass, Add	*2.05*	
08 81 23 23-0008	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	28.75	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.73*	
		For Tinted Glass, Add	*2.26*	
		For Reflective Coated Glass, Add	*4.06*	
		For Low-E Coated Glass, Add	*2.26*	
08 81 23 23-0009	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	35.22	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.65*	
		For >400, Deduct	*-0.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.43*	
		For Tinted Glass, Add	*2.70*	
		For Reflective Coated Glass, Add	*4.86*	
		For Low-E Coated Glass, Add	*2.70*	
08 81 23 23-0010	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	42.46	
		For >50 To 200, Deduct	*-0.40*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.20*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*29.13*	
		For Tinted Glass, Add	*3.33*	
		For Reflective Coated Glass, Add	*6.00*	
		For Low-E Coated Glass, Add	*3.33*	

08 81 23 23-0011 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Clear Float Field Installed Glass	14.02	
		For >50 To 200, Deduct	*-0.05*	
		For >200 To 400, Deduct	*-0.11*	
		For >400, Deduct	*-0.16*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.22*	
		For Tinted Glass, Add	*0.45*	
		For Reflective Coated Glass, Add	*0.81*	
		For Low-E Coated Glass, Add	*0.45*	
08 81 23 23-0014	SF	3/16" Thick, Clear Float Field Installed Glass	15.09	
		For >50 To 200, Deduct	*-0.06*	
		For >200 To 400, Deduct	*-0.12*	
		For >400, Deduct	*-0.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.16*	
		For Tinted Glass, Add	*0.48*	
		For Reflective Coated Glass, Add	*0.87*	
		For Low-E Coated Glass, Add	*0.48*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0015		SF	1/4" Thick, Clear Float Field Installed Glass	16.44	
			For >50 To 200, Deduct	*-0.07*	
			For >200 To 400, Deduct	*-0.14*	
			For >400, Deduct	*-0.21*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
			For Tinted Glass, Add	*0.59*	
			For Reflective Coated Glass, Add	*1.05*	
			For Low-E Coated Glass, Add	*0.59*	
08 81 23 23-0016		SF	5/16" Thick, Clear Float Field Installed Glass	19.86	
			For >50 To 200, Deduct	*-0.12*	
			For >200 To 400, Deduct	*-0.23*	
			For >400, Deduct	*-0.35*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*15.97*	
			For Tinted Glass, Add	*0.97*	
			For Reflective Coated Glass, Add	*1.75*	
			For Low-E Coated Glass, Add	*0.97*	
08 81 23 23-0017		SF	3/8" Thick, Clear Float Field Installed Glass	23.52	
			For >50 To 200, Deduct	*-0.17*	
			For >200 To 400, Deduct	*-0.34*	
			For >400, Deduct	*-0.51*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	
			For Tinted Glass, Add	*1.42*	
			For Reflective Coated Glass, Add	*2.55*	
			For Low-E Coated Glass, Add	*1.42*	
08 81 23 23-0018		SF	1/2" Thick, Clear Float Field Installed Glass	25.95	
			For >50 To 200, Deduct	*-0.19*	
			For >200 To 400, Deduct	*-0.37*	
			For >400, Deduct	*-0.56*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*19.73*	
			For Tinted Glass, Add	*1.56*	
			For Reflective Coated Glass, Add	*2.80*	
			For Low-E Coated Glass, Add	*1.56*	
08 81 23 23-0019		SF	5/8" Thick, Clear Float Field Installed Glass	31.87	
			For >50 To 200, Deduct	*-0.22*	
			For >200 To 400, Deduct	*-0.45*	
			For >400, Deduct	*-0.67*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*24.43*	
			For Tinted Glass, Add	*1.86*	
			For Reflective Coated Glass, Add	*3.35*	
			For Low-E Coated Glass, Add	*1.86*	
08 81 23 23-0020		SF	3/4" Thick, Clear Float Field Installed Glass	38.32	
			For >50 To 200, Deduct	*-0.28*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.83*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*29.13*	
			For Tinted Glass, Add	*2.30*	
			For Reflective Coated Glass, Add	*4.14*	
			For Low-E Coated Glass, Add	*2.30*	

08 81 23 23-0021 Patterned Field Installed Glass *(08 81 23 23)*

08 81 23 23-0022 Rough Obscure Field Installed Glass *(08 81 23 23-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 23-0023		SF	1/4" Thick, Rough Obscure Field Installed Glass	19.22	
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	

08 81 23 23-0024 Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 23-0025		SF	1/8" Thick, Patterned, Figured Field Installed Glass	15.33	
			For Glass Removal And Preparing Opening For New Glazing, Add	*12.22*	
08 81 23 23-0026		SF	7/32" Thick, Patterned, Figured Field Installed Glass	16.74	
			For Glass Removal And Preparing Opening For New Glazing, Add	*13.63*	

08 81 23 23-0027 Wired Field Installed Glass *(08 81 23 23)*

08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 23-0029		SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	22.15	
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
08 81 23 23-0030		SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	22.15	
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	

08 81 23 23-0031 Polished, Wired Field Installed Glass *(08 81 23 23-0027)*

08 81 23 23-0032		SF	1/4" Thick, Polished, Wired Field Installed Glass	22.90	
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	

08 81 23 23-0033 Frosted Field Installed Glass *(08 81 23 23)*

08 81 23 23-0034 Frosted Field Installed Glass *(08 81 23 23-0033)*

08 81 23 23-0035		SF	1/8" Thick, Frosted Field Installed Glass	16.29	
			For >50 To 200, Deduct	*-0.12*	
			For >200 To 400, Deduct	*-0.24*	
			For >400, Deduct	*-0.37*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*12.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	18.50	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.48*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.16*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	20.85	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.61*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	27.95	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.61*	
		For >400, Deduct	*-0.91*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	

08 81 23 23-0039 Fire Rated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0040 Fire Rated Field Installed Glass *(08 81 23 23-0039)*

08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	25.15	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	36.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	48.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	59.10	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	

08 81 23 23-0045 Laminated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0046 Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	21.27	
		For >50 To 200, Deduct	*-0.22*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.65*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.10*	
		For Tinted Glass, Add	*1.79*	
		For Reflective Coated Glass, Add	*3.23*	
		For Low-E Coated Glass, Add	*1.79*	
		For One Piece Heat Strengthened Glass, Add	*1.43*	
		For One Piece Fully Tempered Glass, Add	*1.43*	
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	26.81	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.54*	
		For >400, Deduct	*-0.81*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	
		For Tinted Glass, Add	*2.24*	
		For Reflective Coated Glass, Add	*4.03*	
		For Low-E Coated Glass, Add	*2.24*	
		For One Piece Heat Strengthened Glass, Add	*1.79*	
		For One Piece Fully Tempered Glass, Add	*1.79*	
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	31.89	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.73*	
		For >400, Deduct	*-1.09*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.73*	
		For Tinted Glass, Add	*3.04*	
		For Reflective Coated Glass, Add	*5.47*	
		For Low-E Coated Glass, Add	*3.04*	
		For One Piece Heat Strengthened Glass, Add	*2.43*	
		For One Piece Fully Tempered Glass, Add	*2.43*	
08 81 23 23-0050	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	33.89	
		For >50 To 200, Deduct	*-0.41*	
		For >200 To 400, Deduct	*-0.82*	
		For >400, Deduct	*-1.23*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.20*	
		For Tinted Glass, Add	*3.42*	
		For Reflective Coated Glass, Add	*6.16*	
		For Low-E Coated Glass, Add	*3.42*	
		For One Piece Heat Strengthened Glass, Add	*2.74*	
		For One Piece Fully Tempered Glass, Add	*2.74*	

08 81 23 23-0051 Insulated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0052 Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*

Note: Type I, Class I, Quality Q3.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0053	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	21.63	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.47*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.44*	
		For Tinted Glass, Add	*1.30*	
		For Reflective Coated Glass, Add	*2.34*	
		For Low-E Coated Glass, Add	*1.30*	
		For One Piece Heat Strengthened Glass, Add	*1.04*	
		For One Piece Fully Tempered Glass, Add	*1.04*	
		For One Piece Obscure Glass, Add	*2.21*	
		For Argon Gas, Add	*1.43*	
08 81 23 23-0054	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	22.80	
		For >50 To 200, Deduct	*-0.16*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.47*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.55*	
		For Tinted Glass, Add	*1.31*	
		For Reflective Coated Glass, Add	*2.36*	
		For Low-E Coated Glass, Add	*1.31*	
		For One Piece Heat Strengthened Glass, Add	*1.05*	
		For One Piece Fully Tempered Glass, Add	*1.05*	
		For One Piece Obscure Glass, Add	*2.23*	
		For Argon Gas, Add	*1.44*	
08 81 23 23-0055	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	24.64	
		For >50 To 200, Deduct	*-0.17*	
		For >200 To 400, Deduct	*-0.33*	
		For >400, Deduct	*-0.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.14*	
		For Tinted Glass, Add	*1.38*	
		For Reflective Coated Glass, Add	*2.48*	
		For Low-E Coated Glass, Add	*1.38*	
		For One Piece Heat Strengthened Glass, Add	*1.10*	
		For One Piece Fully Tempered Glass, Add	*1.10*	
		For One Piece Obscure Glass, Add	*2.34*	
		For Argon Gas, Add	*1.51*	
08 81 23 23-0056	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	26.40	
		For >50 To 200, Deduct	*-0.20*	
		For >200 To 400, Deduct	*-0.40*	
		For >400, Deduct	*-0.60*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.73*	
		For Tinted Glass, Add	*1.67*	
		For Reflective Coated Glass, Add	*3.00*	
		For Low-E Coated Glass, Add	*1.67*	
		For One Piece Heat Strengthened Glass, Add	*1.33*	
		For One Piece Fully Tempered Glass, Add	*1.33*	
		For One Piece Obscure Glass, Add	*2.83*	
		For Argon Gas, Add	*1.83*	
08 81 23 23-0057		Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*		
08 81 23 23-0058	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of .060" PVB film between two layers 1/4" thick glass.	52.52	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.60*	
		For >400, Deduct	*-2.40*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*25.84*	
		For Tinted Glass, Add	*6.67*	
		For Reflective Coated Glass, Add	*12.01*	
		For Low-E Coated Glass, Add	*6.67*	
		For Argon Gas, Add	*7.34*	
08 81 23 23-0059		Spandrel Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0060		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0059)*		
08 81 23 23-0061	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	21.46	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 81 23 23-0062	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	20.22	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 81 23 23-0063		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0059)*		
08 81 23 23-0064		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0063)* Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0065	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	22.76	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 81 23 23-0066	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	21.35	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 81 23 23-0067		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0063)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0068	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	25.21	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 81 23 23-0069	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	22.44	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

08 83 13 00-0001 Mirror Glass *(08 83 13)*

08 83 13 00-0002 One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*

08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	30.13	7.04
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.81*	
		For >400, Deduct	*-1.30*	

08 83 13 00-0004 Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*

08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	37.57	7.04
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.18*	
		For >400, Deduct	*-1.89*	

08 83 13 00-0006 Clear Mirror Glass *(08 83 13 00-0001)*

08 83 13 00-0007	SF	1/8" Clear Mirror Glass	14.87	5.64
		For >50 To 200, Deduct	*-0.11*	
		For >200 To 400, Deduct	*-0.18*	
		For >400, Deduct	*-0.29*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	17.32	6.57
		For >50 To 200, Deduct	*-0.13*	
		For >200 To 400, Deduct	*-0.22*	
		For >400, Deduct	*-0.35*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	18.79	7.04
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.24*	
		For >400, Deduct	*-0.39*	

08 83 13 00-0010 Tempered, Clear Mirror Glass *(08 83 13 00-0001)*

08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	18.99	5.64
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.39*	
		For >400, Deduct	*-0.62*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	21.68	6.57
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.44*	
		For >400, Deduct	*-0.70*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	23.65	7.04
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.49*	
		For >400, Deduct	*-0.78*	

08 83 13 00-0014 Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*

08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	26.41	7.04
		For >50 To 200, Deduct	*-0.37*	
		For >200 To 400, Deduct	*-0.62*	
		For >400, Deduct	*-1.00*	

08 83 13 00-0016 Laminated Safety Mirror Glass *(08 83 13 00-0001)*

Note: Clear glass laminated to face of mirror with PVB interlayer.

08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	45.87	7.04
		For >50 To 200, Deduct	*-0.96*	
		For >200 To 400, Deduct	*-1.60*	
		For >400, Deduct	*-2.56*	

08 83 13 00-0018 Accessories For Mirror Glass *(08 83 13)*

08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	3.77
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	3.82
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	4.47
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	5.38

08 84 Plastic Glazing *(08 80)*

08 84 00 00-0001 Clear Polycarbonate Glazing (GE Lexan) *(08 84)*

See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0002		SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	16.92	
			For >50 To 200, Deduct	*-0.40*	
			For >200 To 400, Deduct	*-0.81*	
			For >400, Deduct	*-1.21*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*8.86*	
08 84 00 00-0003		SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	17.83	
			For >50 To 200, Deduct	*-0.43*	
			For >200 To 400, Deduct	*-0.86*	
			For >400, Deduct	*-1.29*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.21*	
08 84 00 00-0004		SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	21.27	
			For >50 To 200, Deduct	*-0.58*	
			For >200 To 400, Deduct	*-1.17*	
			For >400, Deduct	*-1.75*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.58*	
08 84 00 00-0005		SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	30.85	
			For >50 To 200, Deduct	*-1.05*	
			For >200 To 400, Deduct	*-2.10*	
			For >400, Deduct	*-3.15*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.85*	
08 84 00 00-0006		SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	39.11	
			For >50 To 200, Deduct	*-1.43*	
			For >200 To 400, Deduct	*-2.85*	
			For >400, Deduct	*-4.28*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*10.57*	

08 84 00 00-0007 Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*

08 84 00 00-0008		SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	25.42	
			For >50 To 200, Deduct	*-0.83*	
			For >200 To 400, Deduct	*-1.66*	
			For >400, Deduct	*-2.48*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*8.86*	
08 84 00 00-0009		SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	29.59	
			For >50 To 200, Deduct	*-1.02*	
			For >200 To 400, Deduct	*-2.04*	
			For >400, Deduct	*-3.06*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.21*	
08 84 00 00-0010		SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	31.27	
			For >50 To 200, Deduct	*-1.08*	
			For >200 To 400, Deduct	*-2.17*	
			For >400, Deduct	*-3.25*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.58*	
08 84 00 00-0011		SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	51.74	
			For >50 To 200, Deduct	*-2.09*	
			For >200 To 400, Deduct	*-4.19*	
			For >400, Deduct	*-6.28*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.85*	
08 84 00 00-0012		SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	54.97	
			For >50 To 200, Deduct	*-2.22*	
			For >200 To 400, Deduct	*-4.44*	
			For >400, Deduct	*-6.66*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*10.57*	

08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) *(08 84)*

08 84 00 00-0014		SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	12.58	
			For >50 To 200, Deduct	*-0.21*	
			For >200 To 400, Deduct	*-0.41*	
			For >400, Deduct	*-0.62*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*8.46*	
			For Colored, Add	*0.82*	
			For Shatterproof, Add	*2.47*	
			For Mirrored, Add	*3.30*	
08 84 00 00-0015		SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	13.03	
			For >50 To 200, Deduct	*-0.21*	
			For >200 To 400, Deduct	*-0.42*	
			For >400, Deduct	*-0.63*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*8.86*	
			For Colored, Add	*0.83*	
			For Shatterproof, Add	*2.50*	
			For Mirrored, Add	*3.34*	
08 84 00 00-0016		SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	15.72	
			For >50 To 200, Deduct	*-0.33*	
			For >200 To 400, Deduct	*-0.65*	
			For >400, Deduct	*-0.98*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.21*	
			For Colored, Add	*1.30*	
			For Shatterproof, Add	*3.91*	
			For Mirrored, Add	*5.21*	
08 84 00 00-0017		SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	18.16	
			For >50 To 200, Deduct	*-0.43*	
			For >200 To 400, Deduct	*-0.86*	
			For >400, Deduct	*-1.29*	
			For Glass Removal And Preparing Opening For New Glazing, Add	*9.58*	
			For Colored, Add	*1.72*	
			For Shatterproof, Add	*5.15*	
			For Mirrored, Add	*6.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	18.62	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.90*	
		For >400, Deduct	*-1.35*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.63*	
		For Colored, Add	*1.80*	
		For Shatterproof, Add	*5.39*	
		For Mirrored, Add	*7.19*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	19.24	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.94*	
		For >400, Deduct	*-1.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.85*	
		For Colored, Add	*1.88*	
		For Shatterproof, Add	*5.63*	
		For Mirrored, Add	*7.51*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	22.99	
		For >50 To 200, Deduct	*-0.62*	
		For >200 To 400, Deduct	*-1.24*	
		For >400, Deduct	*-1.86*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.57*	
		For Colored, Add	*2.48*	
		For Shatterproof, Add	*7.45*	
		For Mirrored, Add	*9.94*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	32.73	
		For >50 To 200, Deduct	*-0.97*	
		For >200 To 400, Deduct	*-1.94*	
		For >400, Deduct	*-2.90*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.38*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	44.29	
		For >50 To 200, Deduct	*-1.49*	
		For >200 To 400, Deduct	*-2.98*	
		For >400, Deduct	*-4.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.53*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	11.04	1.68
		For Bronze Anodized Aluminum, Add	*0.96*	
		For Stainless Steel, Add	*4.08*	
		For Black Anodized Finish, Add	*1.73*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	13.20	2.10
		For Bronze Anodized Aluminum, Add	*1.22*	
		For Stainless Steel, Add	*5.14*	
		For Black Anodized Finish, Add	*2.20*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	15.64	1.68
		For Bronze Anodized Aluminum, Add	*1.46*	
		For Stainless Steel, Add	*6.14*	
		For Black Anodized Finish, Add	*2.63*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	19.22	2.53
		For Bronze Anodized Aluminum, Add	*1.75*	
		For Stainless Steel, Add	*7.36*	
		For Black Anodized Finish, Add	*3.14*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	18.69	2.10
		For Bronze Anodized Aluminum, Add	*1.86*	
		For Stainless Steel, Add	*7.74*	
		For Black Anodized Finish, Add	*3.34*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	23.21	2.53
		For Bronze Anodized Aluminum, Add	*2.22*	
		For Stainless Steel, Add	*9.30*	
		For Black Anodized Finish, Add	*3.99*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Solar Control Window Films *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	Tinted, Solar Control Window Film	5.94
08 87 13 00-0003	SF	Obscurant, Solar Control Window Film	5.94
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	7.56
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	7.89

08 87 23 Safety And Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0003		SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	12.61	
			For >1,000 To 5,000, Deduct	*-0.59*	
			For >5,000, Deduct	*-0.77*	
08 87 23 16-0004		SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	13.22	
			For >1,000 To 5,000, Deduct	*-0.61*	
			For >5,000, Deduct	*-0.83*	
08 87 23 16-0005		SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	14.07	
			For >1,000 To 5,000, Deduct	*-0.64*	
			For >5,000, Deduct	*-0.92*	
08 87 23 16-0006			Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*		
08 87 23 16-0007		SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	13.90	
			For >1,000 To 5,000, Deduct	*-0.64*	
			For >5,000, Deduct	*-0.90*	
08 87 23 16-0008		SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	13.90	
			For >1,000 To 5,000, Deduct	*-0.64*	
			For >5,000, Deduct	*-0.90*	
08 87 23 16-0009		SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	13.90	
			For >1,000 To 5,000, Deduct	*-0.64*	
			For >5,000, Deduct	*-0.90*	
08 87 23 16-0010			Security And Safety Glazing Films *(08 87 23 16)*		
			Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0011		SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	11.94	
			For >1,000 To 5,000, Deduct	*-0.57*	
			For >5,000, Deduct	*-0.70*	
08 87 23 16-0012		SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	12.10	
			For >1,000 To 5,000, Deduct	*-0.57*	
			For >5,000, Deduct	*-0.72*	
08 87 23 16-0013		SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	13.64	
			For >1,000 To 5,000, Deduct	*-0.63*	
			For >5,000, Deduct	*-0.87*	
08 87 23 16-0014			Anti-Graffiti Glazing Films *(08 87 23 16)*		
			Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015		SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	11.94	
			For >1,000 To 5,000, Deduct	*-0.57*	
			For >5,000, Deduct	*-0.70*	
08 87 23 16-0016		SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	12.10	
			For >1,000 To 5,000, Deduct	*-0.57*	
			For >5,000, Deduct	*-0.72*	

08 88 Special Function Glazing *(08 80)*

08 88 49 Radiation-Resistant Glazing *(08 88)*

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 49 00-0001			Leaded Glass (X-Ray Shielding) *(08 88 49)*		
08 88 49 00-0002		SF	1/4" Thick Lead Glass With 1/16" Lead Equivalence	195.05	
			For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	
08 88 49 00-0003		SF	1/4" Thick Lead Glass With 1/8" Lead Equivalence	286.95	
			For Glass Removal And Preparing Opening For New Glazing, Add	*17.86*	

08 88 53 Security Glazing *(08 88)*

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0001			Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)*		
08 88 53 00-0002			Ballistic Resistant Glass *(08 88 53 00-0001)*		
08 88 53 00-0003		SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, Up To 15 SF	83.37	23.50
			For Glass Removal And Preparing Opening For New Glazing, Add	*58.26*	
08 88 53 00-0004		SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, >15 SF	91.88	23.50
			For Glass Removal And Preparing Opening For New Glazing, Add	*58.26*	
08 88 53 00-0005		SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, Up To 15 SF	104.04	26.31
			For Glass Removal And Preparing Opening For New Glazing, Add	*65.79*	
08 88 53 00-0006		SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, >15 SF	111.14	26.31
			For Glass Removal And Preparing Opening For New Glazing, Add	*65.79*	
08 88 53 00-0007		SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, Up To 15 SF	126.55	30.07
			For Glass Removal And Preparing Opening For New Glazing, Add	*75.17*	
08 88 53 00-0008		SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, >15 SF	132.26	30.07
			For Glass Removal And Preparing Opening For New Glazing, Add	*75.17*	
08 88 53 00-0009			Forced Entry Resistant Glass *(08 88 53 00-0001)*		
08 88 53 00-0010		SF	5/16" Forced Entry Resistant Laminated Glass Sheet	29.48	7.04
			For Glass Removal And Preparing Opening For New Glazing, Add	*14.68*	
08 88 53 00-0011		SF	1/2" Forced Entry Resistant Laminated Glass Sheet	32.96	7.52
			For Glass Removal And Preparing Opening For New Glazing, Add	*15.66*	
08 88 53 00-0012		SF	11/16" Forced Entry Resistant Laminated Glass Sheet	37.05	7.99
			For Glass Removal And Preparing Opening For New Glazing, Add	*16.78*	
08 88 53 00-0013		SF	7/8" Forced Entry Resistant Laminated Glass Sheet	41.39	8.93
			For Glass Removal And Preparing Opening For New Glazing, Add	*18.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0014		**Glass Clad Polycarbonate** *(08 88 53)*		
08 88 53 00-0015	SF	0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF	113.77	28.19
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.42*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF	128.90	33.08
		For Glass Removal And Preparing Opening For New Glazing, Add	*82.70*	
08 88 53 00-0017	SF	1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF	157.77	37.59
		For Glass Removal And Preparing Opening For New Glazing, Add	*93.97*	
08 88 53 00-0018		**Ballistic Resistant Acrylic** *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF	164.92	28.19
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.42*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF	192.70	32.89
		For Glass Removal And Preparing Opening For New Glazing, Add	*82.70*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF	247.97	37.59
		For Glass Removal And Preparing Opening For New Glazing, Add	*93.97*	
08 88 53 00-0022		**Ballistic Resistant Fiberglass** *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	51.33	17.86
		For Glass Removal And Preparing Opening For New Glazing, Add	*35.71*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	60.19	20.67
		For Glass Removal And Preparing Opening For New Glazing, Add	*41.35*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	68.33	23.50
		For Glass Removal And Preparing Opening For New Glazing, Add	*46.99*	
08 88 53 00-0026		**Forced Entry And/Or Ballistic Resistant Polycarbonate** *(08 88 53)*		
08 88 53 00-0027		**Forced Entry Resistant Monolithic Polycarbonate** *(08 88 53 00-0026)* Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	84.55	42.67
		For Glass Removal And Preparing Opening For New Glazing, Add	*56.96*	
08 88 53 00-0029		**Forced Entry Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1	104.55	28.19
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.49*	
08 88 53 00-0031		**Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	124.33	54.12
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.17*	
08 88 53 00-0033		**Fire Resistant, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I Note: UL-9 Fire Resistant.	135.35	33.39
		For Glass Removal And Preparing Opening For New Glazing, Add	*79.87*	
08 88 53 00-0035		**Insulated, Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	116.72	28.19
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.49*	
08 88 53 00-0037		**Ballistic And Forced Entry Resistant Polycarbonate Laminate** *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	266.88	62.77
		For Glass Removal And Preparing Opening For New Glazing, Add	*156.00*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	269.50	62.77
		For Glass Removal And Preparing Opening For New Glazing, Add	*156.00*	
08 88 53 00-0040		**Ballistic Resistant Glass Clad Polycarbonate Laminate** *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	178.14	39.79
		For Glass Removal And Preparing Opening For New Glazing, Add	*105.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 90 Louvers And Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001 Motorized Wall Louver Actuator *(08 91 13)*
See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,085.69	81.69
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	1,624.49	81.69
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	1,162.49	81.69
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	4,325.09	81.69

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001 Adjustable Intake Wall Louvers *(08 91 16)*
See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.

08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	289.85	21.62
		For Flange Frame, Add	*24.66*	
		For Clear Lacquer Finish, Add	*49.32*	
		For Baked Enamel Standard Colors, Add	*73.98*	
		For Anodized Finish, Add	*98.64*	
		For Kynar™ Standard Colors Finish, Add	*135.63*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	361.86	26.43
		For Flange Frame, Add	*30.90*	
		For Clear Lacquer Finish, Add	*61.80*	
		For Baked Enamel Standard Colors, Add	*92.70*	
		For Anodized Finish, Add	*123.60*	
		For Kynar™ Standard Colors Finish, Add	*169.95*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	427.87	31.24
		For Flange Frame, Add	*36.54*	
		For Clear Lacquer Finish, Add	*73.08*	
		For Baked Enamel Standard Colors, Add	*109.62*	
		For Anodized Finish, Add	*146.16*	
		For Kynar™ Standard Colors Finish, Add	*200.97*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	500.48	36.04
		For Flange Frame, Add	*42.84*	
		For Clear Lacquer Finish, Add	*85.68*	
		For Baked Enamel Standard Colors, Add	*128.52*	
		For Anodized Finish, Add	*171.36*	
		For Kynar™ Standard Colors Finish, Add	*235.62*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	564.09	40.84
		For Flange Frame, Add	*48.24*	
		For Clear Lacquer Finish, Add	*96.48*	
		For Baked Enamel Standard Colors, Add	*144.72*	
		For Anodized Finish, Add	*192.96*	
		For Kynar™ Standard Colors Finish, Add	*265.32*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	664.30	45.65
		For Flange Frame, Add	*57.30*	
		For Clear Lacquer Finish, Add	*114.60*	
		For Baked Enamel Standard Colors, Add	*171.90*	
		For Anodized Finish, Add	*229.20*	
		For Kynar™ Standard Colors Finish, Add	*315.15*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	756.11	50.46
		For Flange Frame, Add	*65.52*	
		For Clear Lacquer Finish, Add	*131.04*	
		For Baked Enamel Standard Colors, Add	*196.56*	
		For Anodized Finish, Add	*262.08*	
		For Kynar™ Standard Colors Finish, Add	*360.36*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	840.73	57.66
		For Flange Frame, Add	*72.54*	
		For Clear Lacquer Finish, Add	*145.08*	
		For Baked Enamel Standard Colors, Add	*217.62*	
		For Anodized Finish, Add	*290.16*	
		For Kynar™ Standard Colors Finish, Add	*398.97*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	897.73	62.47
		For Flange Frame, Add	*77.28*	
		For Clear Lacquer Finish, Add	*154.56*	
		For Baked Enamel Standard Colors, Add	*231.84*	
		For Anodized Finish, Add	*309.12*	
		For Kynar™ Standard Colors Finish, Add	*425.04*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	968.55	67.27
		For Flange Frame, Add	*83.40*	
		For Clear Lacquer Finish, Add	*166.80*	
		For Baked Enamel Standard Colors, Add	*250.20*	
		For Anodized Finish, Add	*333.60*	
		For Kynar™ Standard Colors Finish, Add	*458.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,030.96	72.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.68*	
		For Clear Lacquer Finish, Add	*177.36*	
		For Baked Enamel Standard Colors, Add	*266.04*	
		For Anodized Finish, Add	*354.72*	
		For Kynar™ Standard Colors Finish, Add	*487.74*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,110.17	76.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.64*	
		For Clear Lacquer Finish, Add	*191.28*	
		For Baked Enamel Standard Colors, Add	*286.92*	
		For Anodized Finish, Add	*382.56*	
		For Kynar™ Standard Colors Finish, Add	*526.02*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,186.38	81.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*102.30*	
		For Clear Lacquer Finish, Add	*204.60*	
		For Baked Enamel Standard Colors, Add	*306.90*	
		For Anodized Finish, Add	*409.20*	
		For Kynar™ Standard Colors Finish, Add	*562.65*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,281.79	88.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*110.40*	
		For Clear Lacquer Finish, Add	*220.80*	
		For Baked Enamel Standard Colors, Add	*331.20*	
		For Anodized Finish, Add	*441.60*	
		For Kynar™ Standard Colors Finish, Add	*607.20*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	1,353.21	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*116.10*	
		For Clear Lacquer Finish, Add	*232.20*	
		For Baked Enamel Standard Colors, Add	*348.30*	
		For Anodized Finish, Add	*464.40*	
		For Kynar™ Standard Colors Finish, Add	*638.55*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	326.46	26.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*27.36*	
		For Clear Lacquer Finish, Add	*54.72*	
		For Baked Enamel Standard Colors, Add	*82.08*	
		For Anodized Finish, Add	*109.44*	
		For Kynar™ Standard Colors Finish, Add	*150.48*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	412.27	33.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*34.50*	
		For Clear Lacquer Finish, Add	*69.00*	
		For Baked Enamel Standard Colors, Add	*103.50*	
		For Anodized Finish, Add	*138.00*	
		For Kynar™ Standard Colors Finish, Add	*189.75*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	483.09	38.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*40.62*	
		For Clear Lacquer Finish, Add	*81.24*	
		For Baked Enamel Standard Colors, Add	*121.86*	
		For Anodized Finish, Add	*162.48*	
		For Kynar™ Standard Colors Finish, Add	*223.41*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	601.31	48.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*50.52*	
		For Clear Lacquer Finish, Add	*101.04*	
		For Baked Enamel Standard Colors, Add	*151.56*	
		For Anodized Finish, Add	*202.08*	
		For Kynar™ Standard Colors Finish, Add	*277.86*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	682.91	52.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*57.72*	
		For Clear Lacquer Finish, Add	*115.44*	
		For Baked Enamel Standard Colors, Add	*173.16*	
		For Anodized Finish, Add	*230.88*	
		For Kynar™ Standard Colors Finish, Add	*317.46*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	764.53	57.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*64.92*	
		For Clear Lacquer Finish, Add	*129.84*	
		For Baked Enamel Standard Colors, Add	*194.76*	
		For Anodized Finish, Add	*259.68*	
		For Kynar™ Standard Colors Finish, Add	*357.06*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	861.73	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.68*	
		For Clear Lacquer Finish, Add	*147.36*	
		For Baked Enamel Standard Colors, Add	*221.04*	
		For Anodized Finish, Add	*294.72*	
		For Kynar™ Standard Colors Finish, Add	*405.24*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	955.96	69.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.66*	
		For Clear Lacquer Finish, Add	*163.32*	
		For Baked Enamel Standard Colors, Add	*244.98*	
		For Anodized Finish, Add	*326.64*	
		For Kynar™ Standard Colors Finish, Add	*449.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,032.17	76.89
		For Flange Frame, Add	*87.84*	
		For Clear Lacquer Finish, Add	*175.68*	
		For Baked Enamel Standard Colors, Add	*263.52*	
		For Anodized Finish, Add	*351.36*	
		For Kynar™ Standard Colors Finish, Add	*483.12*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,104.18	81.69
		For Flange Frame, Add	*94.08*	
		For Clear Lacquer Finish, Add	*188.16*	
		For Baked Enamel Standard Colors, Add	*282.24*	
		For Anodized Finish, Add	*376.32*	
		For Kynar™ Standard Colors Finish, Add	*517.44*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,171.99	86.49
		For Flange Frame, Add	*99.90*	
		For Clear Lacquer Finish, Add	*199.80*	
		For Baked Enamel Standard Colors, Add	*299.70*	
		For Anodized Finish, Add	*399.60*	
		For Kynar™ Standard Colors Finish, Add	*549.45*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,259.00	91.30
		For Flange Frame, Add	*107.64*	
		For Clear Lacquer Finish, Add	*215.28*	
		For Baked Enamel Standard Colors, Add	*322.92*	
		For Anodized Finish, Add	*430.56*	
		For Kynar™ Standard Colors Finish, Add	*592.02*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,343.01	96.11
		For Flange Frame, Add	*115.08*	
		For Clear Lacquer Finish, Add	*230.16*	
		For Baked Enamel Standard Colors, Add	*345.24*	
		For Anodized Finish, Add	*460.32*	
		For Kynar™ Standard Colors Finish, Add	*632.94*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,446.23	103.31
		For Flange Frame, Add	*123.96*	
		For Clear Lacquer Finish, Add	*247.92*	
		For Baked Enamel Standard Colors, Add	*371.88*	
		For Anodized Finish, Add	*495.84*	
		For Kynar™ Standard Colors Finish, Add	*681.78*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,525.44	110.52
		For Flange Frame, Add	*130.44*	
		For Clear Lacquer Finish, Add	*260.88*	
		For Baked Enamel Standard Colors, Add	*391.32*	
		For Anodized Finish, Add	*521.76*	
		For Kynar™ Standard Colors Finish, Add	*717.42*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	366.07	31.24
		For Flange Frame, Add	*30.36*	
		For Clear Lacquer Finish, Add	*60.72*	
		For Baked Enamel Standard Colors, Add	*91.08*	
		For Anodized Finish, Add	*121.44*	
		For Kynar™ Standard Colors Finish, Add	*166.98*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	463.89	38.44
		For Flange Frame, Add	*38.70*	
		For Clear Lacquer Finish, Add	*77.40*	
		For Baked Enamel Standard Colors, Add	*116.10*	
		For Anodized Finish, Add	*154.80*	
		For Kynar™ Standard Colors Finish, Add	*212.85*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	573.70	45.65
		For Flange Frame, Add	*48.24*	
		For Clear Lacquer Finish, Add	*96.48*	
		For Baked Enamel Standard Colors, Add	*144.72*	
		For Anodized Finish, Add	*192.96*	
		For Kynar™ Standard Colors Finish, Add	*265.32*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	677.52	55.27
		For Flange Frame, Add	*56.70*	
		For Clear Lacquer Finish, Add	*113.40*	
		For Baked Enamel Standard Colors, Add	*170.10*	
		For Anodized Finish, Add	*226.80*	
		For Kynar™ Standard Colors Finish, Add	*311.85*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	766.94	60.06
		For Flange Frame, Add	*64.68*	
		For Clear Lacquer Finish, Add	*129.36*	
		For Baked Enamel Standard Colors, Add	*194.04*	
		For Anodized Finish, Add	*258.72*	
		For Kynar™ Standard Colors Finish, Add	*355.74*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	861.14	64.87
		For Flange Frame, Add	*73.14*	
		For Clear Lacquer Finish, Add	*146.28*	
		For Baked Enamel Standard Colors, Add	*219.42*	
		For Anodized Finish, Add	*292.56*	
		For Kynar™ Standard Colors Finish, Add	*402.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	978.16	72.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*83.40*	
		For Clear Lacquer Finish, Add	*166.80*	
		For Baked Enamel Standard Colors, Add	*250.20*	
		For Anodized Finish, Add	*333.60*	
		For Kynar™ Standard Colors Finish, Add	*458.70*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,078.98	81.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.56*	
		For Clear Lacquer Finish, Add	*183.12*	
		For Baked Enamel Standard Colors, Add	*274.68*	
		For Anodized Finish, Add	*366.24*	
		For Kynar™ Standard Colors Finish, Add	*503.58*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,155.79	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*98.28*	
		For Clear Lacquer Finish, Add	*196.56*	
		For Baked Enamel Standard Colors, Add	*294.84*	
		For Anodized Finish, Add	*393.12*	
		For Kynar™ Standard Colors Finish, Add	*540.54*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,242.21	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*105.00*	
		For Clear Lacquer Finish, Add	*210.00*	
		For Baked Enamel Standard Colors, Add	*315.00*	
		For Anodized Finish, Add	*420.00*	
		For Kynar™ Standard Colors Finish, Add	*577.50*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,320.22	100.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.84*	
		For Clear Lacquer Finish, Add	*223.68*	
		For Baked Enamel Standard Colors, Add	*335.52*	
		For Anodized Finish, Add	*447.36*	
		For Kynar™ Standard Colors Finish, Add	*615.12*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,425.23	105.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*121.38*	
		For Clear Lacquer Finish, Add	*242.76*	
		For Baked Enamel Standard Colors, Add	*364.14*	
		For Anodized Finish, Add	*485.52*	
		For Kynar™ Standard Colors Finish, Add	*667.59*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,514.64	110.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.36*	
		For Clear Lacquer Finish, Add	*258.72*	
		For Baked Enamel Standard Colors, Add	*388.08*	
		For Anodized Finish, Add	*517.44*	
		For Kynar™ Standard Colors Finish, Add	*711.48*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,628.05	117.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*139.26*	
		For Clear Lacquer Finish, Add	*278.52*	
		For Baked Enamel Standard Colors, Add	*417.78*	
		For Anodized Finish, Add	*557.04*	
		For Kynar™ Standard Colors Finish, Add	*765.93*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	1,712.68	124.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*146.28*	
		For Clear Lacquer Finish, Add	*292.56*	
		For Baked Enamel Standard Colors, Add	*438.84*	
		For Anodized Finish, Add	*585.12*	
		For Kynar™ Standard Colors Finish, Add	*804.54*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	408.68	36.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*33.66*	
		For Clear Lacquer Finish, Add	*67.32*	
		For Baked Enamel Standard Colors, Add	*100.98*	
		For Anodized Finish, Add	*134.64*	
		For Kynar™ Standard Colors Finish, Add	*185.13*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	544.31	48.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*44.82*	
		For Clear Lacquer Finish, Add	*89.64*	
		For Baked Enamel Standard Colors, Add	*134.46*	
		For Anodized Finish, Add	*179.28*	
		For Kynar™ Standard Colors Finish, Add	*246.51*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	645.12	55.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.46*	
		For Clear Lacquer Finish, Add	*106.92*	
		For Baked Enamel Standard Colors, Add	*160.38*	
		For Anodized Finish, Add	*213.84*	
		For Kynar™ Standard Colors Finish, Add	*294.03*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	754.93	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.00*	
		For Clear Lacquer Finish, Add	*126.00*	
		For Baked Enamel Standard Colors, Add	*189.00*	
		For Anodized Finish, Add	*252.00*	
		For Kynar™ Standard Colors Finish, Add	*346.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	852.15	67.27
		For Flange Frame, Add	*71.76*	
		For Clear Lacquer Finish, Add	*143.52*	
		For Baked Enamel Standard Colors, Add	*215.28*	
		For Anodized Finish, Add	*287.04*	
		For Kynar™ Standard Colors Finish, Add	*394.68*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	954.16	74.48
		For Flange Frame, Add	*80.52*	
		For Clear Lacquer Finish, Add	*161.04*	
		For Baked Enamel Standard Colors, Add	*241.56*	
		For Anodized Finish, Add	*322.08*	
		For Kynar™ Standard Colors Finish, Add	*442.86*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,074.17	79.28
		For Flange Frame, Add	*91.56*	
		For Clear Lacquer Finish, Add	*183.12*	
		For Baked Enamel Standard Colors, Add	*274.68*	
		For Anodized Finish, Add	*366.24*	
		For Kynar™ Standard Colors Finish, Add	*503.58*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,178.59	86.49
		For Flange Frame, Add	*100.56*	
		For Clear Lacquer Finish, Add	*201.12*	
		For Baked Enamel Standard Colors, Add	*301.68*	
		For Anodized Finish, Add	*402.24*	
		For Kynar™ Standard Colors Finish, Add	*553.08*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,263.80	91.30
		For Flange Frame, Add	*108.12*	
		For Clear Lacquer Finish, Add	*216.24*	
		For Baked Enamel Standard Colors, Add	*324.36*	
		For Anodized Finish, Add	*432.48*	
		For Kynar™ Standard Colors Finish, Add	*594.66*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,359.82	100.91
		For Flange Frame, Add	*115.80*	
		For Clear Lacquer Finish, Add	*231.60*	
		For Baked Enamel Standard Colors, Add	*347.40*	
		For Anodized Finish, Add	*463.20*	
		For Kynar™ Standard Colors Finish, Add	*636.90*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,450.43	108.12
		For Flange Frame, Add	*123.42*	
		For Clear Lacquer Finish, Add	*246.84*	
		For Baked Enamel Standard Colors, Add	*370.26*	
		For Anodized Finish, Add	*493.68*	
		For Kynar™ Standard Colors Finish, Add	*678.81*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,562.05	112.92
		For Flange Frame, Add	*133.62*	
		For Clear Lacquer Finish, Add	*267.24*	
		For Baked Enamel Standard Colors, Add	*400.86*	
		For Anodized Finish, Add	*534.48*	
		For Kynar™ Standard Colors Finish, Add	*734.91*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,659.25	117.73
		For Flange Frame, Add	*142.38*	
		For Clear Lacquer Finish, Add	*284.76*	
		For Baked Enamel Standard Colors, Add	*427.14*	
		For Anodized Finish, Add	*569.52*	
		For Kynar™ Standard Colors Finish, Add	*783.09*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,778.08	124.93
		For Flange Frame, Add	*152.82*	
		For Clear Lacquer Finish, Add	*305.64*	
		For Baked Enamel Standard Colors, Add	*458.46*	
		For Anodized Finish, Add	*611.28*	
		For Kynar™ Standard Colors Finish, Add	*840.51*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,873.49	132.14
		For Flange Frame, Add	*160.92*	
		For Clear Lacquer Finish, Add	*321.84*	
		For Baked Enamel Standard Colors, Add	*482.76*	
		For Anodized Finish, Add	*643.68*	
		For Kynar™ Standard Colors Finish, Add	*885.06*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	448.29	40.84
		For Flange Frame, Add	*36.66*	
		For Clear Lacquer Finish, Add	*73.32*	
		For Baked Enamel Standard Colors, Add	*109.98*	
		For Anodized Finish, Add	*146.64*	
		For Kynar™ Standard Colors Finish, Add	*201.63*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	605.51	52.86
		For Flange Frame, Add	*49.98*	
		For Clear Lacquer Finish, Add	*99.96*	
		For Baked Enamel Standard Colors, Add	*149.94*	
		For Anodized Finish, Add	*199.92*	
		For Kynar™ Standard Colors Finish, Add	*274.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	706.94	60.06
		For Flange Frame, Add	*58.68*	
		For Clear Lacquer Finish, Add	*117.36*	
		For Baked Enamel Standard Colors, Add	*176.04*	
		For Anodized Finish, Add	*234.72*	
		For Kynar™ Standard Colors Finish, Add	*322.74*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	826.95	67.27
		For Flange Frame, Add	*69.24*	
		For Clear Lacquer Finish, Add	*138.48*	
		For Baked Enamel Standard Colors, Add	*207.72*	
		For Anodized Finish, Add	*276.96*	
		For Kynar™ Standard Colors Finish, Add	*380.82*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	937.48	73.04
		For Flange Frame, Add	*79.14*	
		For Clear Lacquer Finish, Add	*158.28*	
		For Baked Enamel Standard Colors, Add	*237.42*	
		For Anodized Finish, Add	*316.56*	
		For Kynar™ Standard Colors Finish, Add	*435.27*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,041.77	79.28
		For Flange Frame, Add	*88.32*	
		For Clear Lacquer Finish, Add	*176.64*	
		For Baked Enamel Standard Colors, Add	*264.96*	
		For Anodized Finish, Add	*353.28*	
		For Kynar™ Standard Colors Finish, Add	*485.76*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,175.58	84.09
		For Flange Frame, Add	*100.74*	
		For Clear Lacquer Finish, Add	*201.48*	
		For Baked Enamel Standard Colors, Add	*302.22*	
		For Anodized Finish, Add	*402.96*	
		For Kynar™ Standard Colors Finish, Add	*554.07*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,292.60	91.30
		For Flange Frame, Add	*111.00*	
		For Clear Lacquer Finish, Add	*222.00*	
		For Baked Enamel Standard Colors, Add	*333.00*	
		For Anodized Finish, Add	*444.00*	
		For Kynar™ Standard Colors Finish, Add	*610.50*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,388.61	98.51
		For Flange Frame, Add	*119.16*	
		For Clear Lacquer Finish, Add	*238.32*	
		For Baked Enamel Standard Colors, Add	*357.48*	
		For Anodized Finish, Add	*476.64*	
		For Kynar™ Standard Colors Finish, Add	*655.38*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,487.03	105.71
		For Flange Frame, Add	*127.56*	
		For Clear Lacquer Finish, Add	*255.12*	
		For Baked Enamel Standard Colors, Add	*382.68*	
		For Anodized Finish, Add	*510.24*	
		For Kynar™ Standard Colors Finish, Add	*701.58*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,588.45	112.92
		For Flange Frame, Add	*136.26*	
		For Clear Lacquer Finish, Add	*272.52*	
		For Baked Enamel Standard Colors, Add	*408.78*	
		For Anodized Finish, Add	*545.04*	
		For Kynar™ Standard Colors Finish, Add	*749.43*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,710.25	117.73
		For Flange Frame, Add	*147.48*	
		For Clear Lacquer Finish, Add	*294.96*	
		For Baked Enamel Standard Colors, Add	*442.44*	
		For Anodized Finish, Add	*589.92*	
		For Kynar™ Standard Colors Finish, Add	*811.14*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,814.67	122.53
		For Flange Frame, Add	*156.96*	
		For Clear Lacquer Finish, Add	*313.92*	
		For Baked Enamel Standard Colors, Add	*470.88*	
		For Anodized Finish, Add	*627.84*	
		For Kynar™ Standard Colors Finish, Add	*863.28*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,948.48	129.74
		For Flange Frame, Add	*168.90*	
		For Clear Lacquer Finish, Add	*337.80*	
		For Baked Enamel Standard Colors, Add	*506.70*	
		For Anodized Finish, Add	*675.60*	
		For Kynar™ Standard Colors Finish, Add	*928.95*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,049.30	136.95
		For Flange Frame, Add	*177.54*	
		For Clear Lacquer Finish, Add	*355.08*	
		For Baked Enamel Standard Colors, Add	*532.62*	
		For Anodized Finish, Add	*710.16*	
		For Kynar™ Standard Colors Finish, Add	*976.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	512.50	45.65
		For Flange Frame, Add	*42.12*	
		For Clear Lacquer Finish, Add	*84.24*	
		For Baked Enamel Standard Colors, Add	*126.36*	
		For Anodized Finish, Add	*168.48*	
		For Kynar™ Standard Colors Finish, Add	*231.66*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	653.53	57.66
		For Flange Frame, Add	*53.82*	
		For Clear Lacquer Finish, Add	*107.64*	
		For Baked Enamel Standard Colors, Add	*161.46*	
		For Anodized Finish, Add	*215.28*	
		For Kynar™ Standard Colors Finish, Add	*296.01*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	765.74	64.87
		For Flange Frame, Add	*63.60*	
		For Clear Lacquer Finish, Add	*127.20*	
		For Baked Enamel Standard Colors, Add	*190.80*	
		For Anodized Finish, Add	*254.40*	
		For Kynar™ Standard Colors Finish, Add	*349.80*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	894.76	74.48
		For Flange Frame, Add	*74.58*	
		For Clear Lacquer Finish, Add	*149.16*	
		For Baked Enamel Standard Colors, Add	*223.74*	
		For Anodized Finish, Add	*298.32*	
		For Kynar™ Standard Colors Finish, Add	*410.19*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,011.77	79.28
		For Flange Frame, Add	*85.32*	
		For Clear Lacquer Finish, Add	*170.64*	
		For Baked Enamel Standard Colors, Add	*255.96*	
		For Anodized Finish, Add	*341.28*	
		For Kynar™ Standard Colors Finish, Add	*469.26*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,122.78	84.09
		For Flange Frame, Add	*95.46*	
		For Clear Lacquer Finish, Add	*190.92*	
		For Baked Enamel Standard Colors, Add	*286.38*	
		For Anodized Finish, Add	*381.84*	
		For Kynar™ Standard Colors Finish, Add	*525.03*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,267.99	88.90
		For Flange Frame, Add	*109.02*	
		For Clear Lacquer Finish, Add	*218.04*	
		For Baked Enamel Standard Colors, Add	*327.06*	
		For Anodized Finish, Add	*436.08*	
		For Kynar™ Standard Colors Finish, Add	*599.61*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,386.81	96.11
		For Flange Frame, Add	*119.46*	
		For Clear Lacquer Finish, Add	*238.92*	
		For Baked Enamel Standard Colors, Add	*358.38*	
		For Anodized Finish, Add	*477.84*	
		For Kynar™ Standard Colors Finish, Add	*657.03*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,494.23	103.31
		For Flange Frame, Add	*128.76*	
		For Clear Lacquer Finish, Add	*257.52*	
		For Baked Enamel Standard Colors, Add	*386.28*	
		For Anodized Finish, Add	*515.04*	
		For Kynar™ Standard Colors Finish, Add	*708.18*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,595.04	110.52
		For Flange Frame, Add	*137.40*	
		For Clear Lacquer Finish, Add	*274.80*	
		For Baked Enamel Standard Colors, Add	*412.20*	
		For Anodized Finish, Add	*549.60*	
		For Kynar™ Standard Colors Finish, Add	*755.70*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,704.85	117.73
		For Flange Frame, Add	*146.94*	
		For Clear Lacquer Finish, Add	*293.88*	
		For Baked Enamel Standard Colors, Add	*440.82*	
		For Anodized Finish, Add	*587.76*	
		For Kynar™ Standard Colors Finish, Add	*808.17*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,835.67	122.53
		For Flange Frame, Add	*159.06*	
		For Clear Lacquer Finish, Add	*318.12*	
		For Baked Enamel Standard Colors, Add	*477.18*	
		For Anodized Finish, Add	*636.24*	
		For Kynar™ Standard Colors Finish, Add	*874.83*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,949.68	127.34
		For Flange Frame, Add	*169.50*	
		For Clear Lacquer Finish, Add	*339.00*	
		For Baked Enamel Standard Colors, Add	*508.50*	
		For Anodized Finish, Add	*678.00*	
		For Kynar™ Standard Colors Finish, Add	*932.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,099.10	134.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*183.00*	
		For Clear Lacquer Finish, Add	*366.00*	
		For Baked Enamel Standard Colors, Add	*549.00*	
		For Anodized Finish, Add	*732.00*	
		For Kynar™ Standard Colors Finish, Add	*1,006.50*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,204.11	141.76
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*192.06*	
		For Clear Lacquer Finish, Add	*384.12*	
		For Baked Enamel Standard Colors, Add	*576.18*	
		For Anodized Finish, Add	*768.24*	
		For Kynar™ Standard Colors Finish, Add	*1,056.33*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	555.11	50.46
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*45.42*	
		For Clear Lacquer Finish, Add	*90.84*	
		For Baked Enamel Standard Colors, Add	*136.26*	
		For Anodized Finish, Add	*181.68*	
		For Kynar™ Standard Colors Finish, Add	*249.81*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	704.53	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*57.96*	
		For Clear Lacquer Finish, Add	*115.92*	
		For Baked Enamel Standard Colors, Add	*173.88*	
		For Anodized Finish, Add	*231.84*	
		For Kynar™ Standard Colors Finish, Add	*318.78*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	832.96	72.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.88*	
		For Clear Lacquer Finish, Add	*137.76*	
		For Baked Enamel Standard Colors, Add	*206.64*	
		For Anodized Finish, Add	*275.52*	
		For Kynar™ Standard Colors Finish, Add	*378.84*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	963.77	79.28
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*80.52*	
		For Clear Lacquer Finish, Add	*161.04*	
		For Baked Enamel Standard Colors, Add	*241.56*	
		For Anodized Finish, Add	*322.08*	
		For Kynar™ Standard Colors Finish, Add	*442.86*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,092.78	84.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*92.46*	
		For Clear Lacquer Finish, Add	*184.92*	
		For Baked Enamel Standard Colors, Add	*277.38*	
		For Anodized Finish, Add	*369.84*	
		For Kynar™ Standard Colors Finish, Add	*508.53*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,217.59	88.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*103.98*	
		For Clear Lacquer Finish, Add	*207.96*	
		For Baked Enamel Standard Colors, Add	*311.94*	
		For Anodized Finish, Add	*415.92*	
		For Kynar™ Standard Colors Finish, Add	*571.89*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,373.61	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*118.14*	
		For Clear Lacquer Finish, Add	*236.28*	
		For Baked Enamel Standard Colors, Add	*354.42*	
		For Anodized Finish, Add	*472.56*	
		For Kynar™ Standard Colors Finish, Add	*649.77*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,503.23	103.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.66*	
		For Clear Lacquer Finish, Add	*259.32*	
		For Baked Enamel Standard Colors, Add	*388.98*	
		For Anodized Finish, Add	*518.64*	
		For Kynar™ Standard Colors Finish, Add	*713.13*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,616.04	110.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*139.50*	
		For Clear Lacquer Finish, Add	*279.00*	
		For Baked Enamel Standard Colors, Add	*418.50*	
		For Anodized Finish, Add	*558.00*	
		For Kynar™ Standard Colors Finish, Add	*767.25*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,730.65	117.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*149.52*	
		For Clear Lacquer Finish, Add	*299.04*	
		For Baked Enamel Standard Colors, Add	*448.56*	
		For Anodized Finish, Add	*598.08*	
		For Kynar™ Standard Colors Finish, Add	*822.36*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,842.88	124.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*159.30*	
		For Clear Lacquer Finish, Add	*318.60*	
		For Baked Enamel Standard Colors, Add	*477.90*	
		For Anodized Finish, Add	*637.20*	
		For Kynar™ Standard Colors Finish, Add	*876.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,990.48	129.74
		For Flange Frame, Add	*173.10*	
		For Clear Lacquer Finish, Add	*346.20*	
		For Baked Enamel Standard Colors, Add	*519.30*	
		For Anodized Finish, Add	*692.40*	
		For Kynar™ Standard Colors Finish, Add	*952.05*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,113.50	134.55
		For Flange Frame, Add	*184.44*	
		For Clear Lacquer Finish, Add	*368.88*	
		For Baked Enamel Standard Colors, Add	*553.32*	
		For Anodized Finish, Add	*737.76*	
		For Kynar™ Standard Colors Finish, Add	*1,014.42*	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,264.70	139.36
		For Flange Frame, Add	*198.60*	
		For Clear Lacquer Finish, Add	*397.20*	
		For Baked Enamel Standard Colors, Add	*595.80*	
		For Anodized Finish, Add	*794.40*	
		For Kynar™ Standard Colors Finish, Add	*1,092.30*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,379.92	146.56
		For Flange Frame, Add	*208.68*	
		For Clear Lacquer Finish, Add	*417.36*	
		For Baked Enamel Standard Colors, Add	*626.04*	
		For Anodized Finish, Add	*834.72*	
		For Kynar™ Standard Colors Finish, Add	*1,147.74*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	643.93	57.66
		For Flange Frame, Add	*52.86*	
		For Clear Lacquer Finish, Add	*105.72*	
		For Baked Enamel Standard Colors, Add	*158.58*	
		For Anodized Finish, Add	*211.44*	
		For Kynar™ Standard Colors Finish, Add	*290.73*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	823.36	69.68
		For Flange Frame, Add	*68.40*	
		For Clear Lacquer Finish, Add	*136.80*	
		For Baked Enamel Standard Colors, Add	*205.20*	
		For Anodized Finish, Add	*273.60*	
		For Kynar™ Standard Colors Finish, Add	*376.20*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	964.98	81.69
		For Flange Frame, Add	*80.16*	
		For Clear Lacquer Finish, Add	*160.32*	
		For Baked Enamel Standard Colors, Add	*240.48*	
		For Anodized Finish, Add	*320.64*	
		For Kynar™ Standard Colors Finish, Add	*440.88*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,104.79	86.49
		For Flange Frame, Add	*93.18*	
		For Clear Lacquer Finish, Add	*186.36*	
		For Baked Enamel Standard Colors, Add	*279.54*	
		For Anodized Finish, Add	*372.72*	
		For Kynar™ Standard Colors Finish, Add	*512.49*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,256.60	91.30
		For Flange Frame, Add	*107.40*	
		For Clear Lacquer Finish, Add	*214.80*	
		For Baked Enamel Standard Colors, Add	*322.20*	
		For Anodized Finish, Add	*429.60*	
		For Kynar™ Standard Colors Finish, Add	*590.70*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,392.81	96.11
		For Flange Frame, Add	*120.06*	
		For Clear Lacquer Finish, Add	*240.12*	
		For Baked Enamel Standard Colors, Add	*360.18*	
		For Anodized Finish, Add	*480.24*	
		For Kynar™ Standard Colors Finish, Add	*660.33*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,573.43	103.31
		For Flange Frame, Add	*136.68*	
		For Clear Lacquer Finish, Add	*273.36*	
		For Baked Enamel Standard Colors, Add	*410.04*	
		For Anodized Finish, Add	*546.72*	
		For Kynar™ Standard Colors Finish, Add	*751.74*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,749.24	110.52
		For Flange Frame, Add	*152.82*	
		For Clear Lacquer Finish, Add	*305.64*	
		For Baked Enamel Standard Colors, Add	*458.46*	
		For Anodized Finish, Add	*611.28*	
		For Kynar™ Standard Colors Finish, Add	*840.51*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,881.85	117.73
		For Flange Frame, Add	*164.64*	
		For Clear Lacquer Finish, Add	*329.28*	
		For Baked Enamel Standard Colors, Add	*493.92*	
		For Anodized Finish, Add	*658.56*	
		For Kynar™ Standard Colors Finish, Add	*905.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,012.68	124.93
		For Flange Frame, Add	*176.28*	
		For Clear Lacquer Finish, Add	*352.56*	
		For Baked Enamel Standard Colors, Add	*528.84*	
		For Anodized Finish, Add	*705.12*	
		For Kynar™ Standard Colors Finish, Add	*969.54*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,137.48	129.74
		For Flange Frame, Add	*187.80*	
		For Clear Lacquer Finish, Add	*375.60*	
		For Baked Enamel Standard Colors, Add	*563.40*	
		For Anodized Finish, Add	*751.20*	
		For Kynar™ Standard Colors Finish, Add	*1,032.90*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,301.90	134.55
		For Flange Frame, Add	*203.28*	
		For Clear Lacquer Finish, Add	*406.56*	
		For Baked Enamel Standard Colors, Add	*609.84*	
		For Anodized Finish, Add	*813.12*	
		For Kynar™ Standard Colors Finish, Add	*1,118.04*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,439.30	139.36
		For Flange Frame, Add	*216.06*	
		For Clear Lacquer Finish, Add	*432.12*	
		For Baked Enamel Standard Colors, Add	*648.18*	
		For Anodized Finish, Add	*864.24*	
		For Kynar™ Standard Colors Finish, Add	*1,188.33*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,615.72	144.16
		For Flange Frame, Add	*232.74*	
		For Clear Lacquer Finish, Add	*465.48*	
		For Baked Enamel Standard Colors, Add	*698.22*	
		For Anodized Finish, Add	*930.96*	
		For Kynar™ Standard Colors Finish, Add	*1,280.07*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,749.53	151.36
		For Flange Frame, Add	*244.68*	
		For Clear Lacquer Finish, Add	*489.36*	
		For Baked Enamel Standard Colors, Add	*734.04*	
		For Anodized Finish, Add	*978.72*	
		For Kynar™ Standard Colors Finish, Add	*1,345.74*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	684.13	62.47
		For Flange Frame, Add	*55.92*	
		For Clear Lacquer Finish, Add	*111.84*	
		For Baked Enamel Standard Colors, Add	*167.76*	
		For Anodized Finish, Add	*223.68*	
		For Kynar™ Standard Colors Finish, Add	*307.56*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	879.17	76.89
		For Flange Frame, Add	*72.54*	
		For Clear Lacquer Finish, Add	*145.08*	
		For Baked Enamel Standard Colors, Add	*217.62*	
		For Anodized Finish, Add	*290.16*	
		For Kynar™ Standard Colors Finish, Add	*398.97*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,022.59	86.49
		For Flange Frame, Add	*84.96*	
		For Clear Lacquer Finish, Add	*169.92*	
		For Baked Enamel Standard Colors, Add	*254.88*	
		For Anodized Finish, Add	*339.84*	
		For Kynar™ Standard Colors Finish, Add	*467.28*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,176.20	91.30
		For Flange Frame, Add	*99.36*	
		For Clear Lacquer Finish, Add	*198.72*	
		For Baked Enamel Standard Colors, Add	*298.08*	
		For Anodized Finish, Add	*397.44*	
		For Kynar™ Standard Colors Finish, Add	*546.48*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,338.21	98.51
		For Flange Frame, Add	*114.12*	
		For Clear Lacquer Finish, Add	*228.24*	
		For Baked Enamel Standard Colors, Add	*342.36*	
		For Anodized Finish, Add	*456.48*	
		For Kynar™ Standard Colors Finish, Add	*627.66*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,482.23	103.31
		For Flange Frame, Add	*127.56*	
		For Clear Lacquer Finish, Add	*255.12*	
		For Baked Enamel Standard Colors, Add	*382.68*	
		For Anodized Finish, Add	*510.24*	
		For Kynar™ Standard Colors Finish, Add	*701.58*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,675.44	110.52
		For Flange Frame, Add	*145.44*	
		For Clear Lacquer Finish, Add	*290.88*	
		For Baked Enamel Standard Colors, Add	*436.32*	
		For Anodized Finish, Add	*581.76*	
		For Kynar™ Standard Colors Finish, Add	*799.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,856.05	117.73
		For Flange Frame, Add	*162.06*	
		For Clear Lacquer Finish, Add	*324.12*	
		For Baked Enamel Standard Colors, Add	*486.18*	
		For Anodized Finish, Add	*648.24*	
		For Kynar™ Standard Colors Finish, Add	*891.33*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,997.68	124.93
		For Flange Frame, Add	*174.78*	
		For Clear Lacquer Finish, Add	*349.56*	
		For Baked Enamel Standard Colors, Add	*524.34*	
		For Anodized Finish, Add	*699.12*	
		For Kynar™ Standard Colors Finish, Add	*961.29*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,136.89	132.14
		For Flange Frame, Add	*187.26*	
		For Clear Lacquer Finish, Add	*374.52*	
		For Baked Enamel Standard Colors, Add	*561.78*	
		For Anodized Finish, Add	*749.04*	
		For Kynar™ Standard Colors Finish, Add	*1,029.93*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,269.50	136.95
		For Flange Frame, Add	*199.56*	
		For Clear Lacquer Finish, Add	*399.12*	
		For Baked Enamel Standard Colors, Add	*598.68*	
		For Anodized Finish, Add	*798.24*	
		For Kynar™ Standard Colors Finish, Add	*1,097.58*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,447.71	141.76
		For Flange Frame, Add	*216.42*	
		For Clear Lacquer Finish, Add	*432.84*	
		For Baked Enamel Standard Colors, Add	*649.26*	
		For Anodized Finish, Add	*865.68*	
		For Kynar™ Standard Colors Finish, Add	*1,190.31*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,591.72	146.56
		For Flange Frame, Add	*229.86*	
		For Clear Lacquer Finish, Add	*459.72*	
		For Baked Enamel Standard Colors, Add	*689.58*	
		For Anodized Finish, Add	*919.44*	
		For Kynar™ Standard Colors Finish, Add	*1,264.23*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,777.13	151.36
		For Flange Frame, Add	*247.44*	
		For Clear Lacquer Finish, Add	*494.88*	
		For Baked Enamel Standard Colors, Add	*742.32*	
		For Anodized Finish, Add	*989.76*	
		For Kynar™ Standard Colors Finish, Add	*1,360.92*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,913.94	156.17
		For Flange Frame, Add	*260.16*	
		For Clear Lacquer Finish, Add	*520.32*	
		For Baked Enamel Standard Colors, Add	*780.48*	
		For Anodized Finish, Add	*1,040.64*	
		For Kynar™ Standard Colors Finish, Add	*1,430.88*	

08 91 16 00-0137 Adjustable Intake Wall Louvers Operators *(08 91 16)*

08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	177.65	24.03
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	366.02	9.61

08 91 19 Fixed Louvers *(08 91)*

08 91 19 00-0001 Fixed Intake Wall Louvers *(08 91 19)*

08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	224.45	21.62
		For Flange Frame, Add	*18.12*	
		For Clear Lacquer Finish, Add	*36.24*	
		For Baked Enamel Standard Colors, Add	*54.36*	
		For Anodized Finish, Add	*72.48*	
		For Kynar™ Standard Colors Finish, Add	*99.66*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	267.06	26.43
		For Flange Frame, Add	*21.42*	
		For Clear Lacquer Finish, Add	*42.84*	
		For Baked Enamel Standard Colors, Add	*64.26*	
		For Anodized Finish, Add	*85.68*	
		For Kynar™ Standard Colors Finish, Add	*117.81*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	310.27	31.24
		For Flange Frame, Add	*24.78*	
		For Clear Lacquer Finish, Add	*49.56*	
		For Baked Enamel Standard Colors, Add	*74.34*	
		For Anodized Finish, Add	*99.12*	
		For Kynar™ Standard Colors Finish, Add	*136.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	363.68	36.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*29.16*	
		For Clear Lacquer Finish, Add	*58.32*	
		For Baked Enamel Standard Colors, Add	*87.48*	
		For Anodized Finish, Add	*116.64*	
		For Kynar™ Standard Colors Finish, Add	*160.38*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	409.29	40.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*32.76*	
		For Clear Lacquer Finish, Add	*65.52*	
		For Baked Enamel Standard Colors, Add	*98.28*	
		For Anodized Finish, Add	*131.04*	
		For Kynar™ Standard Colors Finish, Add	*180.18*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	481.30	45.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*39.00*	
		For Clear Lacquer Finish, Add	*78.00*	
		For Baked Enamel Standard Colors, Add	*117.00*	
		For Anodized Finish, Add	*156.00*	
		For Kynar™ Standard Colors Finish, Add	*214.50*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	522.11	50.46
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*42.12*	
		For Clear Lacquer Finish, Add	*84.24*	
		For Baked Enamel Standard Colors, Add	*126.36*	
		For Anodized Finish, Add	*168.48*	
		For Kynar™ Standard Colors Finish, Add	*231.66*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	584.53	57.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.92*	
		For Clear Lacquer Finish, Add	*93.84*	
		For Baked Enamel Standard Colors, Add	*140.76*	
		For Anodized Finish, Add	*187.68*	
		For Kynar™ Standard Colors Finish, Add	*258.06*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	622.33	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*49.74*	
		For Clear Lacquer Finish, Add	*99.48*	
		For Baked Enamel Standard Colors, Add	*149.22*	
		For Anodized Finish, Add	*198.96*	
		For Kynar™ Standard Colors Finish, Add	*273.57*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	672.75	67.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.82*	
		For Clear Lacquer Finish, Add	*107.64*	
		For Baked Enamel Standard Colors, Add	*161.46*	
		For Anodized Finish, Add	*215.28*	
		For Kynar™ Standard Colors Finish, Add	*296.01*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	717.16	72.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*57.30*	
		For Clear Lacquer Finish, Add	*114.60*	
		For Baked Enamel Standard Colors, Add	*171.90*	
		For Anodized Finish, Add	*229.20*	
		For Kynar™ Standard Colors Finish, Add	*315.15*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	769.37	76.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*61.56*	
		For Clear Lacquer Finish, Add	*123.12*	
		For Baked Enamel Standard Colors, Add	*184.68*	
		For Anodized Finish, Add	*246.24*	
		For Kynar™ Standard Colors Finish, Add	*338.58*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	818.58	81.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.52*	
		For Clear Lacquer Finish, Add	*131.04*	
		For Baked Enamel Standard Colors, Add	*196.56*	
		For Anodized Finish, Add	*262.08*	
		For Kynar™ Standard Colors Finish, Add	*360.36*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	864.19	88.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.64*	
		For Clear Lacquer Finish, Add	*137.28*	
		For Baked Enamel Standard Colors, Add	*205.92*	
		For Anodized Finish, Add	*274.56*	
		For Kynar™ Standard Colors Finish, Add	*377.52*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	923.61	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.14*	
		For Clear Lacquer Finish, Add	*146.28*	
		For Baked Enamel Standard Colors, Add	*219.42*	
		For Anodized Finish, Add	*292.56*	
		For Kynar™ Standard Colors Finish, Add	*402.27*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	261.66	26.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*20.88*	
		For Clear Lacquer Finish, Add	*41.76*	
		For Baked Enamel Standard Colors, Add	*62.64*	
		For Anodized Finish, Add	*83.52*	
		For Kynar™ Standard Colors Finish, Add	*114.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	315.07	33.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*24.78*	
		For Clear Lacquer Finish, Add	*49.56*	
		For Baked Enamel Standard Colors, Add	*74.34*	
		For Anodized Finish, Add	*99.12*	
		For Kynar™ Standard Colors Finish, Add	*136.29*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	364.89	38.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*28.80*	
		For Clear Lacquer Finish, Add	*57.60*	
		For Baked Enamel Standard Colors, Add	*86.40*	
		For Anodized Finish, Add	*115.20*	
		For Kynar™ Standard Colors Finish, Add	*158.40*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	457.31	48.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*36.12*	
		For Clear Lacquer Finish, Add	*72.24*	
		For Baked Enamel Standard Colors, Add	*108.36*	
		For Anodized Finish, Add	*144.48*	
		For Kynar™ Standard Colors Finish, Add	*198.66*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	523.31	52.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*41.76*	
		For Clear Lacquer Finish, Add	*83.52*	
		For Baked Enamel Standard Colors, Add	*125.28*	
		For Anodized Finish, Add	*167.04*	
		For Kynar™ Standard Colors Finish, Add	*229.68*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	582.13	57.66
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.68*	
		For Clear Lacquer Finish, Add	*93.36*	
		For Baked Enamel Standard Colors, Add	*140.04*	
		For Anodized Finish, Add	*186.72*	
		For Kynar™ Standard Colors Finish, Add	*256.74*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	624.73	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*49.98*	
		For Clear Lacquer Finish, Add	*99.96*	
		For Baked Enamel Standard Colors, Add	*149.94*	
		For Anodized Finish, Add	*199.92*	
		For Kynar™ Standard Colors Finish, Add	*274.89*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	695.56	69.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.62*	
		For Clear Lacquer Finish, Add	*111.24*	
		For Baked Enamel Standard Colors, Add	*166.86*	
		For Anodized Finish, Add	*222.48*	
		For Kynar™ Standard Colors Finish, Add	*305.91*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	746.57	76.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*59.28*	
		For Clear Lacquer Finish, Add	*118.56*	
		For Baked Enamel Standard Colors, Add	*177.84*	
		For Anodized Finish, Add	*237.12*	
		For Kynar™ Standard Colors Finish, Add	*326.04*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	810.18	81.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*64.68*	
		For Clear Lacquer Finish, Add	*129.36*	
		For Baked Enamel Standard Colors, Add	*194.04*	
		For Anodized Finish, Add	*258.72*	
		For Kynar™ Standard Colors Finish, Add	*355.74*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	859.39	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.64*	
		For Clear Lacquer Finish, Add	*137.28*	
		For Baked Enamel Standard Colors, Add	*205.92*	
		For Anodized Finish, Add	*274.56*	
		For Kynar™ Standard Colors Finish, Add	*377.52*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	914.00	91.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.14*	
		For Clear Lacquer Finish, Add	*146.28*	
		For Baked Enamel Standard Colors, Add	*219.42*	
		For Anodized Finish, Add	*292.56*	
		For Kynar™ Standard Colors Finish, Add	*402.27*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	971.01	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*77.88*	
		For Clear Lacquer Finish, Add	*155.76*	
		For Baked Enamel Standard Colors, Add	*233.64*	
		For Anodized Finish, Add	*311.52*	
		For Kynar™ Standard Colors Finish, Add	*428.34*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,023.23	103.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.66*	
		For Clear Lacquer Finish, Add	*163.32*	
		For Baked Enamel Standard Colors, Add	*244.98*	
		For Anodized Finish, Add	*326.64*	
		For Kynar™ Standard Colors Finish, Add	*449.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,094.04	110.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*87.30*	
		For Clear Lacquer Finish, Add	*174.60*	
		For Baked Enamel Standard Colors, Add	*261.90*	
		For Anodized Finish, Add	*349.20*	
		For Kynar™ Standard Colors Finish, Add	*480.15*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	303.07	31.24
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*24.06*	
		For Clear Lacquer Finish, Add	*48.12*	
		For Baked Enamel Standard Colors, Add	*72.18*	
		For Anodized Finish, Add	*96.24*	
		For Kynar™ Standard Colors Finish, Add	*132.33*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	361.89	38.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*28.50*	
		For Clear Lacquer Finish, Add	*57.00*	
		For Baked Enamel Standard Colors, Add	*85.50*	
		For Anodized Finish, Add	*114.00*	
		For Kynar™ Standard Colors Finish, Add	*156.75*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	447.10	45.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*35.58*	
		For Clear Lacquer Finish, Add	*71.16*	
		For Baked Enamel Standard Colors, Add	*106.74*	
		For Anodized Finish, Add	*142.32*	
		For Kynar™ Standard Colors Finish, Add	*195.69*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	528.12	55.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*41.76*	
		For Clear Lacquer Finish, Add	*83.52*	
		For Baked Enamel Standard Colors, Add	*125.28*	
		For Anodized Finish, Add	*167.04*	
		For Kynar™ Standard Colors Finish, Add	*229.68*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	602.54	60.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*48.24*	
		For Clear Lacquer Finish, Add	*96.48*	
		For Baked Enamel Standard Colors, Add	*144.72*	
		For Anodized Finish, Add	*192.96*	
		For Kynar™ Standard Colors Finish, Add	*265.32*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	671.54	64.87
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*54.18*	
		For Clear Lacquer Finish, Add	*108.36*	
		For Baked Enamel Standard Colors, Add	*162.54*	
		For Anodized Finish, Add	*216.72*	
		For Kynar™ Standard Colors Finish, Add	*297.99*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	730.96	72.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*58.68*	
		For Clear Lacquer Finish, Add	*117.36*	
		For Baked Enamel Standard Colors, Add	*176.04*	
		For Anodized Finish, Add	*234.72*	
		For Kynar™ Standard Colors Finish, Add	*322.74*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	810.18	81.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*64.68*	
		For Clear Lacquer Finish, Add	*129.36*	
		For Baked Enamel Standard Colors, Add	*194.04*	
		For Anodized Finish, Add	*258.72*	
		For Kynar™ Standard Colors Finish, Add	*355.74*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	861.79	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*68.88*	
		For Clear Lacquer Finish, Add	*137.76*	
		For Baked Enamel Standard Colors, Add	*206.64*	
		For Anodized Finish, Add	*275.52*	
		For Kynar™ Standard Colors Finish, Add	*378.84*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	947.61	96.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*75.54*	
		For Clear Lacquer Finish, Add	*151.08*	
		For Baked Enamel Standard Colors, Add	*226.62*	
		For Anodized Finish, Add	*302.16*	
		For Kynar™ Standard Colors Finish, Add	*415.47*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,001.02	100.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*79.92*	
		For Clear Lacquer Finish, Add	*159.84*	
		For Baked Enamel Standard Colors, Add	*239.76*	
		For Anodized Finish, Add	*319.68*	
		For Kynar™ Standard Colors Finish, Add	*439.56*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,069.43	105.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*85.80*	
		For Clear Lacquer Finish, Add	*171.60*	
		For Baked Enamel Standard Colors, Add	*257.40*	
		For Anodized Finish, Add	*343.20*	
		For Kynar™ Standard Colors Finish, Add	*471.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,136.64	110.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*91.56*	
		For Clear Lacquer Finish, Add	*183.12*	
		For Baked Enamel Standard Colors, Add	*274.68*	
		For Anodized Finish, Add	*366.24*	
		For Kynar™ Standard Colors Finish, Add	*503.58*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,190.05	117.73
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.46*	
		For Clear Lacquer Finish, Add	*190.92*	
		For Baked Enamel Standard Colors, Add	*286.38*	
		For Anodized Finish, Add	*381.84*	
		For Kynar™ Standard Colors Finish, Add	*525.03*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,275.28	124.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*102.54*	
		For Clear Lacquer Finish, Add	*205.08*	
		For Baked Enamel Standard Colors, Add	*307.62*	
		For Anodized Finish, Add	*410.16*	
		For Kynar™ Standard Colors Finish, Add	*563.97*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	340.28	36.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*26.82*	
		For Clear Lacquer Finish, Add	*53.64*	
		For Baked Enamel Standard Colors, Add	*80.46*	
		For Anodized Finish, Add	*107.28*	
		For Kynar™ Standard Colors Finish, Add	*147.51*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	441.11	48.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*34.50*	
		For Clear Lacquer Finish, Add	*69.00*	
		For Baked Enamel Standard Colors, Add	*103.50*	
		For Anodized Finish, Add	*138.00*	
		For Kynar™ Standard Colors Finish, Add	*189.75*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	514.32	55.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*40.38*	
		For Clear Lacquer Finish, Add	*80.76*	
		For Baked Enamel Standard Colors, Add	*121.14*	
		For Anodized Finish, Add	*161.52*	
		For Kynar™ Standard Colors Finish, Add	*222.09*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	598.93	62.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*47.40*	
		For Clear Lacquer Finish, Add	*94.80*	
		For Baked Enamel Standard Colors, Add	*142.20*	
		For Anodized Finish, Add	*189.60*	
		For Kynar™ Standard Colors Finish, Add	*260.70*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	687.75	67.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.32*	
		For Clear Lacquer Finish, Add	*110.64*	
		For Baked Enamel Standard Colors, Add	*165.96*	
		For Anodized Finish, Add	*221.28*	
		For Kynar™ Standard Colors Finish, Add	*304.26*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	764.56	74.48
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*61.56*	
		For Clear Lacquer Finish, Add	*123.12*	
		For Baked Enamel Standard Colors, Add	*184.68*	
		For Anodized Finish, Add	*246.24*	
		For Kynar™ Standard Colors Finish, Add	*338.58*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	821.57	79.28
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*66.30*	
		For Clear Lacquer Finish, Add	*132.60*	
		For Baked Enamel Standard Colors, Add	*198.90*	
		For Anodized Finish, Add	*265.20*	
		For Kynar™ Standard Colors Finish, Add	*364.65*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	901.99	86.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*72.90*	
		For Clear Lacquer Finish, Add	*145.80*	
		For Baked Enamel Standard Colors, Add	*218.70*	
		For Anodized Finish, Add	*291.60*	
		For Kynar™ Standard Colors Finish, Add	*400.95*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	965.60	91.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.30*	
		For Clear Lacquer Finish, Add	*156.60*	
		For Baked Enamel Standard Colors, Add	*234.90*	
		For Anodized Finish, Add	*313.20*	
		For Kynar™ Standard Colors Finish, Add	*430.65*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,064.02	100.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*86.22*	
		For Clear Lacquer Finish, Add	*172.44*	
		For Baked Enamel Standard Colors, Add	*258.66*	
		For Anodized Finish, Add	*344.88*	
		For Kynar™ Standard Colors Finish, Add	*474.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,127.63	108.12
		For Flange Frame, Add	*91.14*	
		For Clear Lacquer Finish, Add	*182.28*	
		For Baked Enamel Standard Colors, Add	*273.42*	
		For Anodized Finish, Add	*364.56*	
		For Kynar™ Standard Colors Finish, Add	*501.27*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,200.25	112.92
		For Flange Frame, Add	*97.44*	
		For Clear Lacquer Finish, Add	*194.88*	
		For Baked Enamel Standard Colors, Add	*292.32*	
		For Anodized Finish, Add	*389.76*	
		For Kynar™ Standard Colors Finish, Add	*535.92*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,272.25	117.73
		For Flange Frame, Add	*103.68*	
		For Clear Lacquer Finish, Add	*207.36*	
		For Baked Enamel Standard Colors, Add	*311.04*	
		For Anodized Finish, Add	*414.72*	
		For Kynar™ Standard Colors Finish, Add	*570.24*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,334.68	124.93
		For Flange Frame, Add	*108.48*	
		For Clear Lacquer Finish, Add	*216.96*	
		For Baked Enamel Standard Colors, Add	*325.44*	
		For Anodized Finish, Add	*433.92*	
		For Kynar™ Standard Colors Finish, Add	*596.64*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,430.69	132.14
		For Flange Frame, Add	*116.64*	
		For Clear Lacquer Finish, Add	*233.28*	
		For Baked Enamel Standard Colors, Add	*349.92*	
		For Anodized Finish, Add	*466.56*	
		For Kynar™ Standard Colors Finish, Add	*641.52*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	378.09	40.84
		For Flange Frame, Add	*29.64*	
		For Clear Lacquer Finish, Add	*59.28*	
		For Baked Enamel Standard Colors, Add	*88.92*	
		For Anodized Finish, Add	*118.56*	
		For Kynar™ Standard Colors Finish, Add	*163.02*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	495.71	52.86
		For Flange Frame, Add	*39.00*	
		For Clear Lacquer Finish, Add	*78.00*	
		For Baked Enamel Standard Colors, Add	*117.00*	
		For Anodized Finish, Add	*156.00*	
		For Kynar™ Standard Colors Finish, Add	*214.50*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	572.54	60.06
		For Flange Frame, Add	*45.24*	
		For Clear Lacquer Finish, Add	*90.48*	
		For Baked Enamel Standard Colors, Add	*135.72*	
		For Anodized Finish, Add	*180.96*	
		For Kynar™ Standard Colors Finish, Add	*248.82*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	663.15	67.27
		For Flange Frame, Add	*52.86*	
		For Clear Lacquer Finish, Add	*105.72*	
		For Baked Enamel Standard Colors, Add	*158.58*	
		For Anodized Finish, Add	*211.44*	
		For Kynar™ Standard Colors Finish, Add	*290.73*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	763.48	73.04
		For Flange Frame, Add	*61.74*	
		For Clear Lacquer Finish, Add	*123.48*	
		For Baked Enamel Standard Colors, Add	*185.22*	
		For Anodized Finish, Add	*246.96*	
		For Kynar™ Standard Colors Finish, Add	*339.57*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	842.57	79.28
		For Flange Frame, Add	*68.40*	
		For Clear Lacquer Finish, Add	*136.80*	
		For Baked Enamel Standard Colors, Add	*205.20*	
		For Anodized Finish, Add	*273.60*	
		For Kynar™ Standard Colors Finish, Add	*376.20*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	910.38	84.09
		For Flange Frame, Add	*74.22*	
		For Clear Lacquer Finish, Add	*148.44*	
		For Baked Enamel Standard Colors, Add	*222.66*	
		For Anodized Finish, Add	*296.88*	
		For Kynar™ Standard Colors Finish, Add	*408.21*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,001.60	91.30
		For Flange Frame, Add	*81.90*	
		For Clear Lacquer Finish, Add	*163.80*	
		For Baked Enamel Standard Colors, Add	*245.70*	
		For Anodized Finish, Add	*327.60*	
		For Kynar™ Standard Colors Finish, Add	*450.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,071.81	98.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*87.48*	
		For Clear Lacquer Finish, Add	*174.96*	
		For Baked Enamel Standard Colors, Add	*262.44*	
		For Anodized Finish, Add	*349.92*	
		For Kynar™ Standard Colors Finish, Add	*481.14*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,180.43	105.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*96.90*	
		For Clear Lacquer Finish, Add	*193.80*	
		For Baked Enamel Standard Colors, Add	*290.70*	
		For Anodized Finish, Add	*387.60*	
		For Kynar™ Standard Colors Finish, Add	*532.95*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,253.65	112.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*102.78*	
		For Clear Lacquer Finish, Add	*205.56*	
		For Baked Enamel Standard Colors, Add	*308.34*	
		For Anodized Finish, Add	*411.12*	
		For Kynar™ Standard Colors Finish, Add	*565.29*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,331.05	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*109.56*	
		For Clear Lacquer Finish, Add	*219.12*	
		For Baked Enamel Standard Colors, Add	*328.68*	
		For Anodized Finish, Add	*438.24*	
		For Kynar™ Standard Colors Finish, Add	*602.58*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,411.47	122.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.64*	
		For Clear Lacquer Finish, Add	*233.28*	
		For Baked Enamel Standard Colors, Add	*349.92*	
		For Anodized Finish, Add	*466.56*	
		For Kynar™ Standard Colors Finish, Add	*641.52*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,482.28	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.28*	
		For Clear Lacquer Finish, Add	*244.56*	
		For Baked Enamel Standard Colors, Add	*366.84*	
		For Anodized Finish, Add	*489.12*	
		For Kynar™ Standard Colors Finish, Add	*672.54*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,590.30	136.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*131.64*	
		For Clear Lacquer Finish, Add	*263.28*	
		For Baked Enamel Standard Colors, Add	*394.92*	
		For Anodized Finish, Add	*526.56*	
		For Kynar™ Standard Colors Finish, Add	*724.02*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	438.70	45.65
		Note: Includes bird screen.		
		For Flange Frame, Add	*34.74*	
		For Clear Lacquer Finish, Add	*69.48*	
		For Baked Enamel Standard Colors, Add	*104.22*	
		For Anodized Finish, Add	*138.96*	
		For Kynar™ Standard Colors Finish, Add	*191.07*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	538.93	57.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*42.36*	
		For Clear Lacquer Finish, Add	*84.72*	
		For Baked Enamel Standard Colors, Add	*127.08*	
		For Anodized Finish, Add	*169.44*	
		For Kynar™ Standard Colors Finish, Add	*232.98*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	623.54	64.87
		Note: Includes bird screen.		
		For Flange Frame, Add	*49.38*	
		For Clear Lacquer Finish, Add	*98.76*	
		For Baked Enamel Standard Colors, Add	*148.14*	
		For Anodized Finish, Add	*197.52*	
		For Kynar™ Standard Colors Finish, Add	*271.59*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	728.56	74.48
		Note: Includes bird screen.		
		For Flange Frame, Add	*57.96*	
		For Clear Lacquer Finish, Add	*115.92*	
		For Baked Enamel Standard Colors, Add	*173.88*	
		For Anodized Finish, Add	*231.84*	
		For Kynar™ Standard Colors Finish, Add	*318.78*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	836.57	79.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*67.80*	
		For Clear Lacquer Finish, Add	*135.60*	
		For Baked Enamel Standard Colors, Add	*203.40*	
		For Anodized Finish, Add	*271.20*	
		For Kynar™ Standard Colors Finish, Add	*372.90*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	923.58	84.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*75.54*	
		For Clear Lacquer Finish, Add	*151.08*	
		For Baked Enamel Standard Colors, Add	*226.62*	
		For Anodized Finish, Add	*302.16*	
		For Kynar™ Standard Colors Finish, Add	*415.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	999.19	88.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*82.14*	
		For Clear Lacquer Finish, Add	*164.28*	
		For Baked Enamel Standard Colors, Add	*246.42*	
		For Anodized Finish, Add	*328.56*	
		For Kynar™ Standard Colors Finish, Add	*451.77*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,090.41	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.82*	
		For Clear Lacquer Finish, Add	*179.64*	
		For Baked Enamel Standard Colors, Add	*269.46*	
		For Anodized Finish, Add	*359.28*	
		For Kynar™ Standard Colors Finish, Add	*494.01*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,169.03	103.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*96.24*	
		For Clear Lacquer Finish, Add	*192.48*	
		For Baked Enamel Standard Colors, Add	*288.72*	
		For Anodized Finish, Add	*384.96*	
		For Kynar™ Standard Colors Finish, Add	*529.32*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,289.04	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*106.80*	
		For Clear Lacquer Finish, Add	*213.60*	
		For Baked Enamel Standard Colors, Add	*320.40*	
		For Anodized Finish, Add	*427.20*	
		For Kynar™ Standard Colors Finish, Add	*587.40*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,367.65	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*113.22*	
		For Clear Lacquer Finish, Add	*226.44*	
		For Baked Enamel Standard Colors, Add	*339.66*	
		For Anodized Finish, Add	*452.88*	
		For Kynar™ Standard Colors Finish, Add	*622.71*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,454.67	122.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*120.96*	
		For Clear Lacquer Finish, Add	*241.92*	
		For Baked Enamel Standard Colors, Add	*362.88*	
		For Anodized Finish, Add	*483.84*	
		For Kynar™ Standard Colors Finish, Add	*665.28*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,542.28	127.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*128.76*	
		For Clear Lacquer Finish, Add	*257.52*	
		For Baked Enamel Standard Colors, Add	*386.28*	
		For Anodized Finish, Add	*515.04*	
		For Kynar™ Standard Colors Finish, Add	*708.18*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,625.10	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*135.60*	
		For Clear Lacquer Finish, Add	*271.20*	
		For Baked Enamel Standard Colors, Add	*406.80*	
		For Anodized Finish, Add	*542.40*	
		For Kynar™ Standard Colors Finish, Add	*745.80*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,740.91	141.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*145.74*	
		For Clear Lacquer Finish, Add	*291.48*	
		For Baked Enamel Standard Colors, Add	*437.22*	
		For Anodized Finish, Add	*582.96*	
		For Kynar™ Standard Colors Finish, Add	*801.57*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	480.11	50.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*37.92*	
		For Clear Lacquer Finish, Add	*75.84*	
		For Baked Enamel Standard Colors, Add	*113.76*	
		For Anodized Finish, Add	*151.68*	
		For Kynar™ Standard Colors Finish, Add	*208.56*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	588.73	62.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*46.38*	
		For Clear Lacquer Finish, Add	*92.76*	
		For Baked Enamel Standard Colors, Add	*139.14*	
		For Anodized Finish, Add	*185.52*	
		For Kynar™ Standard Colors Finish, Add	*255.09*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	688.96	72.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*54.48*	
		For Clear Lacquer Finish, Add	*108.96*	
		For Baked Enamel Standard Colors, Add	*163.44*	
		For Anodized Finish, Add	*217.92*	
		For Kynar™ Standard Colors Finish, Add	*299.64*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	790.97	79.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*63.24*	
		For Clear Lacquer Finish, Add	*126.48*	
		For Baked Enamel Standard Colors, Add	*189.72*	
		For Anodized Finish, Add	*252.96*	
		For Kynar™ Standard Colors Finish, Add	*347.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	913.98	84.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*74.58*	
		For Clear Lacquer Finish, Add	*149.16*	
		For Baked Enamel Standard Colors, Add	*223.74*	
		For Anodized Finish, Add	*298.32*	
		For Kynar™ Standard Colors Finish, Add	*410.19*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,014.19	88.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*83.64*	
		For Clear Lacquer Finish, Add	*167.28*	
		For Baked Enamel Standard Colors, Add	*250.92*	
		For Anodized Finish, Add	*334.56*	
		For Kynar™ Standard Colors Finish, Add	*460.02*	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,098.81	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*90.66*	
		For Clear Lacquer Finish, Add	*181.32*	
		For Baked Enamel Standard Colors, Add	*271.98*	
		For Anodized Finish, Add	*362.64*	
		For Kynar™ Standard Colors Finish, Add	*498.63*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,229.63	103.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*102.30*	
		For Clear Lacquer Finish, Add	*204.60*	
		For Baked Enamel Standard Colors, Add	*306.90*	
		For Anodized Finish, Add	*409.20*	
		For Kynar™ Standard Colors Finish, Add	*562.65*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,289.04	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*106.80*	
		For Clear Lacquer Finish, Add	*213.60*	
		For Baked Enamel Standard Colors, Add	*320.40*	
		For Anodized Finish, Add	*427.20*	
		For Kynar™ Standard Colors Finish, Add	*587.40*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,416.85	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*118.14*	
		For Clear Lacquer Finish, Add	*236.28*	
		For Baked Enamel Standard Colors, Add	*354.42*	
		For Anodized Finish, Add	*472.56*	
		For Kynar™ Standard Colors Finish, Add	*649.77*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,506.88	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*125.70*	
		For Clear Lacquer Finish, Add	*251.40*	
		For Baked Enamel Standard Colors, Add	*377.10*	
		For Anodized Finish, Add	*502.80*	
		For Kynar™ Standard Colors Finish, Add	*691.35*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,603.48	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.40*	
		For Clear Lacquer Finish, Add	*268.80*	
		For Baked Enamel Standard Colors, Add	*403.20*	
		For Anodized Finish, Add	*537.60*	
		For Kynar™ Standard Colors Finish, Add	*739.20*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,700.10	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.10*	
		For Clear Lacquer Finish, Add	*286.20*	
		For Baked Enamel Standard Colors, Add	*429.30*	
		For Anodized Finish, Add	*572.40*	
		For Kynar™ Standard Colors Finish, Add	*787.05*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,781.10	139.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.24*	
		For Clear Lacquer Finish, Add	*300.48*	
		For Baked Enamel Standard Colors, Add	*450.72*	
		For Anodized Finish, Add	*600.96*	
		For Kynar™ Standard Colors Finish, Add	*826.32*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,913.72	146.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*162.06*	
		For Clear Lacquer Finish, Add	*324.12*	
		For Baked Enamel Standard Colors, Add	*486.18*	
		For Anodized Finish, Add	*648.24*	
		For Kynar™ Standard Colors Finish, Add	*891.33*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	532.93	57.66
		Note: Includes bird screen.		
		For Flange Frame, Add	*41.76*	
		For Clear Lacquer Finish, Add	*83.52*	
		For Baked Enamel Standard Colors, Add	*125.28*	
		For Anodized Finish, Add	*167.04*	
		For Kynar™ Standard Colors Finish, Add	*229.68*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	653.56	69.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*51.42*	
		For Clear Lacquer Finish, Add	*102.84*	
		For Baked Enamel Standard Colors, Add	*154.26*	
		For Anodized Finish, Add	*205.68*	
		For Kynar™ Standard Colors Finish, Add	*282.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	765.18	81.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*60.18*	
		For Clear Lacquer Finish, Add	*120.36*	
		For Baked Enamel Standard Colors, Add	*180.54*	
		For Anodized Finish, Add	*240.72*	
		For Kynar™ Standard Colors Finish, Add	*330.99*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	872.59	86.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*69.96*	
		For Clear Lacquer Finish, Add	*139.92*	
		For Baked Enamel Standard Colors, Add	*209.88*	
		For Anodized Finish, Add	*279.84*	
		For Kynar™ Standard Colors Finish, Add	*384.78*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,019.00	91.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*83.64*	
		For Clear Lacquer Finish, Add	*167.28*	
		For Baked Enamel Standard Colors, Add	*250.92*	
		For Anodized Finish, Add	*334.56*	
		For Kynar™ Standard Colors Finish, Add	*460.02*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,121.61	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*92.94*	
		For Clear Lacquer Finish, Add	*185.88*	
		For Baked Enamel Standard Colors, Add	*278.82*	
		For Anodized Finish, Add	*371.76*	
		For Kynar™ Standard Colors Finish, Add	*511.17*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,220.03	103.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*101.34*	
		For Clear Lacquer Finish, Add	*202.68*	
		For Baked Enamel Standard Colors, Add	*304.02*	
		For Anodized Finish, Add	*405.36*	
		For Kynar™ Standard Colors Finish, Add	*557.37*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,362.24	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*114.12*	
		For Clear Lacquer Finish, Add	*228.24*	
		For Baked Enamel Standard Colors, Add	*342.36*	
		For Anodized Finish, Add	*456.48*	
		For Kynar™ Standard Colors Finish, Add	*627.66*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,463.65	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.82*	
		For Clear Lacquer Finish, Add	*245.64*	
		For Baked Enamel Standard Colors, Add	*368.46*	
		For Anodized Finish, Add	*491.28*	
		For Kynar™ Standard Colors Finish, Add	*675.51*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,612.48	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*136.26*	
		For Clear Lacquer Finish, Add	*272.52*	
		For Baked Enamel Standard Colors, Add	*408.78*	
		For Anodized Finish, Add	*545.04*	
		For Kynar™ Standard Colors Finish, Add	*749.43*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,708.48	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*144.90*	
		For Clear Lacquer Finish, Add	*289.80*	
		For Baked Enamel Standard Colors, Add	*434.70*	
		For Anodized Finish, Add	*579.60*	
		For Kynar™ Standard Colors Finish, Add	*796.95*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,817.70	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*154.86*	
		For Clear Lacquer Finish, Add	*309.72*	
		For Baked Enamel Standard Colors, Add	*464.58*	
		For Anodized Finish, Add	*619.44*	
		For Kynar™ Standard Colors Finish, Add	*851.73*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,922.70	139.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*164.40*	
		For Clear Lacquer Finish, Add	*328.80*	
		For Baked Enamel Standard Colors, Add	*493.20*	
		For Anodized Finish, Add	*657.60*	
		For Kynar™ Standard Colors Finish, Add	*904.20*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,010.32	144.16
		Note: Includes bird screen.		
		For Flange Frame, Add	*172.20*	
		For Clear Lacquer Finish, Add	*344.40*	
		For Baked Enamel Standard Colors, Add	*516.60*	
		For Anodized Finish, Add	*688.80*	
		For Kynar™ Standard Colors Finish, Add	*947.10*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,163.93	151.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*186.12*	
		For Clear Lacquer Finish, Add	*372.24*	
		For Baked Enamel Standard Colors, Add	*558.36*	
		For Anodized Finish, Add	*744.48*	
		For Kynar™ Standard Colors Finish, Add	*1,023.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	573.13	62.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*44.82*	
		For Clear Lacquer Finish, Add	*89.64*	
		For Baked Enamel Standard Colors, Add	*134.46*	
		For Anodized Finish, Add	*179.28*	
		For Kynar™ Standard Colors Finish, Add	*246.51*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	706.97	76.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*55.32*	
		For Clear Lacquer Finish, Add	*110.64*	
		For Baked Enamel Standard Colors, Add	*165.96*	
		For Anodized Finish, Add	*221.28*	
		For Kynar™ Standard Colors Finish, Add	*304.26*	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	819.79	86.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*64.68*	
		For Clear Lacquer Finish, Add	*129.36*	
		For Baked Enamel Standard Colors, Add	*194.04*	
		For Anodized Finish, Add	*258.72*	
		For Kynar™ Standard Colors Finish, Add	*355.74*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	943.40	91.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*76.08*	
		For Clear Lacquer Finish, Add	*152.16*	
		For Baked Enamel Standard Colors, Add	*228.24*	
		For Anodized Finish, Add	*304.32*	
		For Kynar™ Standard Colors Finish, Add	*418.44*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,097.61	98.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*90.06*	
		For Clear Lacquer Finish, Add	*180.12*	
		For Baked Enamel Standard Colors, Add	*270.18*	
		For Anodized Finish, Add	*360.24*	
		For Kynar™ Standard Colors Finish, Add	*495.33*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,212.23	103.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*100.56*	
		For Clear Lacquer Finish, Add	*201.12*	
		For Baked Enamel Standard Colors, Add	*301.68*	
		For Anodized Finish, Add	*402.24*	
		For Kynar™ Standard Colors Finish, Add	*553.08*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,314.84	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*109.38*	
		For Clear Lacquer Finish, Add	*218.76*	
		For Baked Enamel Standard Colors, Add	*328.14*	
		For Anodized Finish, Add	*437.52*	
		For Kynar™ Standard Colors Finish, Add	*601.59*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,466.65	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.12*	
		For Clear Lacquer Finish, Add	*246.24*	
		For Baked Enamel Standard Colors, Add	*369.36*	
		For Anodized Finish, Add	*492.48*	
		For Kynar™ Standard Colors Finish, Add	*677.16*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,575.28	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*132.54*	
		For Clear Lacquer Finish, Add	*265.08*	
		For Baked Enamel Standard Colors, Add	*397.62*	
		For Anodized Finish, Add	*530.16*	
		For Kynar™ Standard Colors Finish, Add	*728.97*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,736.09	132.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*147.18*	
		For Clear Lacquer Finish, Add	*294.36*	
		For Baked Enamel Standard Colors, Add	*441.54*	
		For Anodized Finish, Add	*588.72*	
		For Kynar™ Standard Colors Finish, Add	*809.49*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,838.10	136.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.42*	
		For Clear Lacquer Finish, Add	*312.84*	
		For Baked Enamel Standard Colors, Add	*469.26*	
		For Anodized Finish, Add	*625.68*	
		For Kynar™ Standard Colors Finish, Add	*860.31*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,953.91	141.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.04*	
		For Clear Lacquer Finish, Add	*334.08*	
		For Baked Enamel Standard Colors, Add	*501.12*	
		For Anodized Finish, Add	*668.16*	
		For Kynar™ Standard Colors Finish, Add	*918.72*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,067.32	146.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*177.42*	
		For Clear Lacquer Finish, Add	*354.84*	
		For Baked Enamel Standard Colors, Add	*532.26*	
		For Anodized Finish, Add	*709.68*	
		For Kynar™ Standard Colors Finish, Add	*975.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,163.93	151.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*186.12*	
		For Clear Lacquer Finish, Add	*372.24*	
		For Baked Enamel Standard Colors, Add	*558.36*	
		For Anodized Finish, Add	*744.48*	
		For Kynar™ Standard Colors Finish, Add	*1,023.66*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,322.94	156.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.06*	
		For Clear Lacquer Finish, Add	*402.12*	
		For Baked Enamel Standard Colors, Add	*603.18*	
		For Anodized Finish, Add	*804.24*	
		For Kynar™ Standard Colors Finish, Add	*1,105.83*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	657.75	67.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*52.32*	
		For Clear Lacquer Finish, Add	*104.64*	
		For Baked Enamel Standard Colors, Add	*156.96*	
		For Anodized Finish, Add	*209.28*	
		For Kynar™ Standard Colors Finish, Add	*287.76*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	812.58	81.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*64.92*	
		For Clear Lacquer Finish, Add	*129.84*	
		For Baked Enamel Standard Colors, Add	*194.76*	
		For Anodized Finish, Add	*259.68*	
		For Kynar™ Standard Colors Finish, Add	*357.06*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	947.61	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*75.54*	
		For Clear Lacquer Finish, Add	*151.08*	
		For Baked Enamel Standard Colors, Add	*226.62*	
		For Anodized Finish, Add	*302.16*	
		For Kynar™ Standard Colors Finish, Add	*415.47*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,082.02	100.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*88.02*	
		For Clear Lacquer Finish, Add	*176.04*	
		For Baked Enamel Standard Colors, Add	*264.06*	
		For Anodized Finish, Add	*352.08*	
		For Kynar™ Standard Colors Finish, Add	*484.11*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,259.63	105.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.82*	
		For Clear Lacquer Finish, Add	*209.64*	
		For Baked Enamel Standard Colors, Add	*314.46*	
		For Anodized Finish, Add	*419.28*	
		For Kynar™ Standard Colors Finish, Add	*576.51*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,384.44	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.34*	
		For Clear Lacquer Finish, Add	*232.68*	
		For Baked Enamel Standard Colors, Add	*349.02*	
		For Anodized Finish, Add	*465.36*	
		For Kynar™ Standard Colors Finish, Add	*639.87*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,506.25	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*127.08*	
		For Clear Lacquer Finish, Add	*254.16*	
		For Baked Enamel Standard Colors, Add	*381.24*	
		For Anodized Finish, Add	*508.32*	
		For Kynar™ Standard Colors Finish, Add	*698.94*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,648.48	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*139.86*	
		For Clear Lacquer Finish, Add	*279.72*	
		For Baked Enamel Standard Colors, Add	*419.58*	
		For Anodized Finish, Add	*559.44*	
		For Kynar™ Standard Colors Finish, Add	*769.23*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,769.69	132.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.54*	
		For Clear Lacquer Finish, Add	*301.08*	
		For Baked Enamel Standard Colors, Add	*451.62*	
		For Anodized Finish, Add	*602.16*	
		For Kynar™ Standard Colors Finish, Add	*827.97*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,955.11	141.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*167.16*	
		For Clear Lacquer Finish, Add	*334.32*	
		For Baked Enamel Standard Colors, Add	*501.48*	
		For Anodized Finish, Add	*668.64*	
		For Kynar™ Standard Colors Finish, Add	*919.38*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,072.13	148.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*177.42*	
		For Clear Lacquer Finish, Add	*354.84*	
		For Baked Enamel Standard Colors, Add	*532.26*	
		For Anodized Finish, Add	*709.68*	
		For Kynar™ Standard Colors Finish, Add	*975.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,194.53	153.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*188.70*	
		For Clear Lacquer Finish, Add	*377.40*	
		For Baked Enamel Standard Colors, Add	*566.10*	
		For Anodized Finish, Add	*754.80*	
		For Kynar™ Standard Colors Finish, Add	*1,037.85*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,319.35	158.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.22*	
		For Clear Lacquer Finish, Add	*400.44*	
		For Baked Enamel Standard Colors, Add	*600.66*	
		For Anodized Finish, Add	*800.88*	
		For Kynar™ Standard Colors Finish, Add	*1,101.21*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,427.95	163.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*210.12*	
		For Clear Lacquer Finish, Add	*420.24*	
		For Baked Enamel Standard Colors, Add	*630.36*	
		For Anodized Finish, Add	*840.48*	
		For Kynar™ Standard Colors Finish, Add	*1,155.66*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,604.97	168.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*226.86*	
		For Clear Lacquer Finish, Add	*453.72*	
		For Baked Enamel Standard Colors, Add	*680.58*	
		For Anodized Finish, Add	*907.44*	
		For Kynar™ Standard Colors Finish, Add	*1,247.73*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	694.96	72.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*55.08*	
		For Clear Lacquer Finish, Add	*110.16*	
		For Baked Enamel Standard Colors, Add	*165.24*	
		For Anodized Finish, Add	*220.32*	
		For Kynar™ Standard Colors Finish, Add	*302.94*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	856.99	86.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*68.40*	
		For Clear Lacquer Finish, Add	*136.80*	
		For Baked Enamel Standard Colors, Add	*205.20*	
		For Anodized Finish, Add	*273.60*	
		For Kynar™ Standard Colors Finish, Add	*376.20*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	998.62	100.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*79.68*	
		For Clear Lacquer Finish, Add	*159.36*	
		For Baked Enamel Standard Colors, Add	*239.04*	
		For Anodized Finish, Add	*318.72*	
		For Kynar™ Standard Colors Finish, Add	*438.24*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,145.63	108.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*92.94*	
		For Clear Lacquer Finish, Add	*185.88*	
		For Baked Enamel Standard Colors, Add	*278.82*	
		For Anodized Finish, Add	*371.76*	
		For Kynar™ Standard Colors Finish, Add	*511.17*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,335.85	112.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*111.00*	
		For Clear Lacquer Finish, Add	*222.00*	
		For Baked Enamel Standard Colors, Add	*333.00*	
		For Anodized Finish, Add	*444.00*	
		For Kynar™ Standard Colors Finish, Add	*610.50*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,467.25	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.18*	
		For Clear Lacquer Finish, Add	*246.36*	
		For Baked Enamel Standard Colors, Add	*369.54*	
		For Anodized Finish, Add	*492.72*	
		For Kynar™ Standard Colors Finish, Add	*677.49*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,596.88	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.70*	
		For Clear Lacquer Finish, Add	*269.40*	
		For Baked Enamel Standard Colors, Add	*404.10*	
		For Anodized Finish, Add	*538.80*	
		For Kynar™ Standard Colors Finish, Add	*740.85*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,742.08	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*148.26*	
		For Clear Lacquer Finish, Add	*296.52*	
		For Baked Enamel Standard Colors, Add	*444.78*	
		For Anodized Finish, Add	*593.04*	
		For Kynar™ Standard Colors Finish, Add	*815.43*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,868.70	136.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.48*	
		For Clear Lacquer Finish, Add	*318.96*	
		For Baked Enamel Standard Colors, Add	*478.44*	
		For Anodized Finish, Add	*637.92*	
		For Kynar™ Standard Colors Finish, Add	*877.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,072.13	148.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*177.42*	
		For Clear Lacquer Finish, Add	*354.84*	
		For Baked Enamel Standard Colors, Add	*532.26*	
		For Anodized Finish, Add	*709.68*	
		For Kynar™ Standard Colors Finish, Add	*975.81*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,200.54	156.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*188.82*	
		For Clear Lacquer Finish, Add	*377.64*	
		For Baked Enamel Standard Colors, Add	*566.46*	
		For Anodized Finish, Add	*755.28*	
		For Kynar™ Standard Colors Finish, Add	*1,038.51*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,326.56	160.98
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.46*	
		For Clear Lacquer Finish, Add	*400.92*	
		For Baked Enamel Standard Colors, Add	*601.38*	
		For Anodized Finish, Add	*801.84*	
		For Kynar™ Standard Colors Finish, Add	*1,102.53*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,454.36	165.79
		Note: Includes bird screen.		
		For Flange Frame, Add	*212.28*	
		For Clear Lacquer Finish, Add	*424.56*	
		For Baked Enamel Standard Colors, Add	*636.84*	
		For Anodized Finish, Add	*849.12*	
		For Kynar™ Standard Colors Finish, Add	*1,167.54*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,574.38	170.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.32*	
		For Clear Lacquer Finish, Add	*446.64*	
		For Baked Enamel Standard Colors, Add	*669.96*	
		For Anodized Finish, Add	*893.28*	
		For Kynar™ Standard Colors Finish, Add	*1,228.26*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,762.78	175.39
		Note: Includes bird screen.		
		For Flange Frame, Add	*241.20*	
		For Clear Lacquer Finish, Add	*482.40*	
		For Baked Enamel Standard Colors, Add	*723.60*	
		For Anodized Finish, Add	*964.80*	
		For Kynar™ Standard Colors Finish, Add	*1,326.60*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	739.37	76.89
		Note: Includes bird screen.		
		For Flange Frame, Add	*58.56*	
		For Clear Lacquer Finish, Add	*117.12*	
		For Baked Enamel Standard Colors, Add	*175.68*	
		For Anodized Finish, Add	*234.24*	
		For Kynar™ Standard Colors Finish, Add	*322.08*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	905.60	91.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*72.30*	
		For Clear Lacquer Finish, Add	*144.60*	
		For Baked Enamel Standard Colors, Add	*216.90*	
		For Anodized Finish, Add	*289.20*	
		For Kynar™ Standard Colors Finish, Add	*397.65*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,050.23	105.71
		Note: Includes bird screen.		
		For Flange Frame, Add	*83.88*	
		For Clear Lacquer Finish, Add	*167.76*	
		For Baked Enamel Standard Colors, Add	*251.64*	
		For Anodized Finish, Add	*335.52*	
		For Kynar™ Standard Colors Finish, Add	*461.34*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,206.85	112.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.10*	
		For Clear Lacquer Finish, Add	*196.20*	
		For Baked Enamel Standard Colors, Add	*294.30*	
		For Anodized Finish, Add	*392.40*	
		For Kynar™ Standard Colors Finish, Add	*539.55*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,407.85	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*117.24*	
		For Clear Lacquer Finish, Add	*234.48*	
		For Baked Enamel Standard Colors, Add	*351.72*	
		For Anodized Finish, Add	*468.96*	
		For Kynar™ Standard Colors Finish, Add	*644.82*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,544.67	122.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.96*	
		For Clear Lacquer Finish, Add	*259.92*	
		For Baked Enamel Standard Colors, Add	*389.88*	
		For Anodized Finish, Add	*519.84*	
		For Kynar™ Standard Colors Finish, Add	*714.78*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,683.28	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*142.38*	
		For Clear Lacquer Finish, Add	*284.76*	
		For Baked Enamel Standard Colors, Add	*427.14*	
		For Anodized Finish, Add	*569.52*	
		For Kynar™ Standard Colors Finish, Add	*783.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,836.90	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.78*	
		For Clear Lacquer Finish, Add	*313.56*	
		For Baked Enamel Standard Colors, Add	*470.34*	
		For Anodized Finish, Add	*627.12*	
		For Kynar™ Standard Colors Finish, Add	*862.29*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,972.51	141.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*168.90*	
		For Clear Lacquer Finish, Add	*337.80*	
		For Baked Enamel Standard Colors, Add	*506.70*	
		For Anodized Finish, Add	*675.60*	
		For Kynar™ Standard Colors Finish, Add	*928.95*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,188.53	153.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*188.10*	
		For Clear Lacquer Finish, Add	*376.20*	
		For Baked Enamel Standard Colors, Add	*564.30*	
		For Anodized Finish, Add	*752.40*	
		For Kynar™ Standard Colors Finish, Add	*1,034.55*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,322.96	160.98
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.10*	
		For Clear Lacquer Finish, Add	*400.20*	
		For Baked Enamel Standard Colors, Add	*600.30*	
		For Anodized Finish, Add	*800.40*	
		For Kynar™ Standard Colors Finish, Add	*1,100.55*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,463.37	168.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*212.70*	
		For Clear Lacquer Finish, Add	*425.40*	
		For Baked Enamel Standard Colors, Add	*638.10*	
		For Anodized Finish, Add	*850.80*	
		For Kynar™ Standard Colors Finish, Add	*1,169.85*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,591.17	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*224.52*	
		For Clear Lacquer Finish, Add	*449.04*	
		For Baked Enamel Standard Colors, Add	*673.56*	
		For Anodized Finish, Add	*898.08*	
		For Kynar™ Standard Colors Finish, Add	*1,234.86*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,718.99	177.79
		Note: Includes bird screen.		
		For Flange Frame, Add	*236.34*	
		For Clear Lacquer Finish, Add	*472.68*	
		For Baked Enamel Standard Colors, Add	*709.02*	
		For Anodized Finish, Add	*945.36*	
		For Kynar™ Standard Colors Finish, Add	*1,299.87*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,919.40	182.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*255.42*	
		For Clear Lacquer Finish, Add	*510.84*	
		For Baked Enamel Standard Colors, Add	*766.26*	
		For Anodized Finish, Add	*1,021.68*	
		For Kynar™ Standard Colors Finish, Add	*1,404.81*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	775.98	81.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*61.26*	
		For Clear Lacquer Finish, Add	*122.52*	
		For Baked Enamel Standard Colors, Add	*183.78*	
		For Anodized Finish, Add	*245.04*	
		For Kynar™ Standard Colors Finish, Add	*336.93*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	948.81	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*75.66*	
		For Clear Lacquer Finish, Add	*151.32*	
		For Baked Enamel Standard Colors, Add	*226.98*	
		For Anodized Finish, Add	*302.64*	
		For Kynar™ Standard Colors Finish, Add	*416.13*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,107.84	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*88.68*	
		For Clear Lacquer Finish, Add	*177.36*	
		For Baked Enamel Standard Colors, Add	*266.04*	
		For Anodized Finish, Add	*354.72*	
		For Kynar™ Standard Colors Finish, Add	*487.74*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,269.25	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*103.38*	
		For Clear Lacquer Finish, Add	*206.76*	
		For Baked Enamel Standard Colors, Add	*310.14*	
		For Anodized Finish, Add	*413.52*	
		For Kynar™ Standard Colors Finish, Add	*568.59*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,482.87	122.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.78*	
		For Clear Lacquer Finish, Add	*247.56*	
		For Baked Enamel Standard Colors, Add	*371.34*	
		For Anodized Finish, Add	*495.12*	
		For Kynar™ Standard Colors Finish, Add	*680.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,627.48	127.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*137.28*	
		For Clear Lacquer Finish, Add	*274.56*	
		For Baked Enamel Standard Colors, Add	*411.84*	
		For Anodized Finish, Add	*549.12*	
		For Kynar™ Standard Colors Finish, Add	*755.04*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,769.10	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.00*	
		For Clear Lacquer Finish, Add	*300.00*	
		For Baked Enamel Standard Colors, Add	*450.00*	
		For Anodized Finish, Add	*600.00*	
		For Kynar™ Standard Colors Finish, Add	*825.00*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,934.70	139.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.60*	
		For Clear Lacquer Finish, Add	*331.20*	
		For Baked Enamel Standard Colors, Add	*496.80*	
		For Anodized Finish, Add	*662.40*	
		For Kynar™ Standard Colors Finish, Add	*910.80*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,076.92	146.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*178.38*	
		For Clear Lacquer Finish, Add	*356.76*	
		For Baked Enamel Standard Colors, Add	*535.14*	
		For Anodized Finish, Add	*713.52*	
		For Kynar™ Standard Colors Finish, Add	*981.09*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,305.55	158.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*198.84*	
		For Clear Lacquer Finish, Add	*397.68*	
		For Baked Enamel Standard Colors, Add	*596.52*	
		For Anodized Finish, Add	*795.36*	
		For Kynar™ Standard Colors Finish, Add	*1,093.62*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,444.76	165.79
		Note: Includes bird screen.		
		For Flange Frame, Add	*211.32*	
		For Clear Lacquer Finish, Add	*422.64*	
		For Baked Enamel Standard Colors, Add	*633.96*	
		For Anodized Finish, Add	*845.28*	
		For Kynar™ Standard Colors Finish, Add	*1,162.26*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,597.17	172.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*225.12*	
		For Clear Lacquer Finish, Add	*450.24*	
		For Baked Enamel Standard Colors, Add	*675.36*	
		For Anodized Finish, Add	*900.48*	
		For Kynar™ Standard Colors Finish, Add	*1,238.16*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,758.59	177.79
		Note: Includes bird screen.		
		For Flange Frame, Add	*240.30*	
		For Clear Lacquer Finish, Add	*480.60*	
		For Baked Enamel Standard Colors, Add	*720.90*	
		For Anodized Finish, Add	*961.20*	
		For Kynar™ Standard Colors Finish, Add	*1,321.65*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,904.40	182.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.92*	
		For Clear Lacquer Finish, Add	*507.84*	
		For Baked Enamel Standard Colors, Add	*761.76*	
		For Anodized Finish, Add	*1,015.68*	
		For Kynar™ Standard Colors Finish, Add	*1,396.56*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,119.81	187.41
		Note: Includes bird screen.		
		For Flange Frame, Add	*274.50*	
		For Clear Lacquer Finish, Add	*549.00*	
		For Baked Enamel Standard Colors, Add	*823.50*	
		For Anodized Finish, Add	*1,098.00*	
		For Kynar™ Standard Colors Finish, Add	*1,509.75*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	824.59	88.90
		Note: Includes bird screen.		
		For Flange Frame, Add	*64.68*	
		For Clear Lacquer Finish, Add	*129.36*	
		For Baked Enamel Standard Colors, Add	*194.04*	
		For Anodized Finish, Add	*258.72*	
		For Kynar™ Standard Colors Finish, Add	*355.74*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	999.83	103.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*79.32*	
		For Clear Lacquer Finish, Add	*158.64*	
		For Baked Enamel Standard Colors, Add	*237.96*	
		For Anodized Finish, Add	*317.28*	
		For Kynar™ Standard Colors Finish, Add	*436.26*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,164.85	117.73
		Note: Includes bird screen.		
		For Flange Frame, Add	*92.94*	
		For Clear Lacquer Finish, Add	*185.88*	
		For Baked Enamel Standard Colors, Add	*278.82*	
		For Anodized Finish, Add	*371.76*	
		For Kynar™ Standard Colors Finish, Add	*511.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,331.08	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*108.12*	
		For Clear Lacquer Finish, Add	*216.24*	
		For Baked Enamel Standard Colors, Add	*324.36*	
		For Anodized Finish, Add	*432.48*	
		For Kynar™ Standard Colors Finish, Add	*594.66*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,559.08	129.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.96*	
		For Clear Lacquer Finish, Add	*259.92*	
		For Baked Enamel Standard Colors, Add	*389.88*	
		For Anodized Finish, Add	*519.84*	
		For Kynar™ Standard Colors Finish, Add	*714.78*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,708.50	134.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.94*	
		For Clear Lacquer Finish, Add	*287.88*	
		For Baked Enamel Standard Colors, Add	*431.82*	
		For Anodized Finish, Add	*575.76*	
		For Kynar™ Standard Colors Finish, Add	*791.67*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,851.30	139.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.26*	
		For Clear Lacquer Finish, Add	*314.52*	
		For Baked Enamel Standard Colors, Add	*471.78*	
		For Anodized Finish, Add	*629.04*	
		For Kynar™ Standard Colors Finish, Add	*864.93*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,025.92	144.16
		Note: Includes bird screen.		
		For Flange Frame, Add	*173.76*	
		For Clear Lacquer Finish, Add	*347.52*	
		For Baked Enamel Standard Colors, Add	*521.28*	
		For Anodized Finish, Add	*695.04*	
		For Kynar™ Standard Colors Finish, Add	*955.68*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,175.33	151.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*187.26*	
		For Clear Lacquer Finish, Add	*374.52*	
		For Baked Enamel Standard Colors, Add	*561.78*	
		For Anodized Finish, Add	*749.04*	
		For Kynar™ Standard Colors Finish, Add	*1,029.93*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,416.55	163.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*208.98*	
		For Clear Lacquer Finish, Add	*417.96*	
		For Baked Enamel Standard Colors, Add	*626.94*	
		For Anodized Finish, Add	*835.92*	
		For Kynar™ Standard Colors Finish, Add	*1,149.39*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,561.78	170.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*222.06*	
		For Clear Lacquer Finish, Add	*444.12*	
		For Baked Enamel Standard Colors, Add	*666.18*	
		For Anodized Finish, Add	*888.24*	
		For Kynar™ Standard Colors Finish, Add	*1,221.33*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,727.39	177.79
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.18*	
		For Clear Lacquer Finish, Add	*474.36*	
		For Baked Enamel Standard Colors, Add	*711.54*	
		For Anodized Finish, Add	*948.72*	
		For Kynar™ Standard Colors Finish, Add	*1,304.49*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,898.40	182.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.32*	
		For Clear Lacquer Finish, Add	*506.64*	
		For Baked Enamel Standard Colors, Add	*759.96*	
		For Anodized Finish, Add	*1,013.28*	
		For Kynar™ Standard Colors Finish, Add	*1,393.26*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,045.42	189.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*266.58*	
		For Clear Lacquer Finish, Add	*533.16*	
		For Baked Enamel Standard Colors, Add	*799.74*	
		For Anodized Finish, Add	*1,066.32*	
		For Kynar™ Standard Colors Finish, Add	*1,466.19*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,273.42	194.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*288.42*	
		For Clear Lacquer Finish, Add	*576.84*	
		For Baked Enamel Standard Colors, Add	*865.26*	
		For Anodized Finish, Add	*1,153.68*	
		For Kynar™ Standard Colors Finish, Add	*1,586.31*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	867.21	96.11
		Note: Includes bird screen.		
		For Flange Frame, Add	*67.50*	
		For Clear Lacquer Finish, Add	*135.00*	
		For Baked Enamel Standard Colors, Add	*202.50*	
		For Anodized Finish, Add	*270.00*	
		For Kynar™ Standard Colors Finish, Add	*371.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,048.44	110.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*82.74*	
		For Clear Lacquer Finish, Add	*165.48*	
		For Baked Enamel Standard Colors, Add	*248.22*	
		For Anodized Finish, Add	*330.96*	
		For Kynar™ Standard Colors Finish, Add	*455.07*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,221.28	124.93
		Note: Includes bird screen.		
		For Flange Frame, Add	*97.14*	
		For Clear Lacquer Finish, Add	*194.28*	
		For Baked Enamel Standard Colors, Add	*291.42*	
		For Anodized Finish, Add	*388.56*	
		For Kynar™ Standard Colors Finish, Add	*534.27*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,396.49	132.14
		Note: Includes bird screen.		
		For Flange Frame, Add	*113.22*	
		For Clear Lacquer Finish, Add	*226.44*	
		For Baked Enamel Standard Colors, Add	*339.66*	
		For Anodized Finish, Add	*452.88*	
		For Kynar™ Standard Colors Finish, Add	*622.71*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,631.70	136.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*135.78*	
		For Clear Lacquer Finish, Add	*271.56*	
		For Baked Enamel Standard Colors, Add	*407.34*	
		For Anodized Finish, Add	*543.12*	
		For Kynar™ Standard Colors Finish, Add	*746.79*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,805.71	141.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*152.22*	
		For Clear Lacquer Finish, Add	*304.44*	
		For Baked Enamel Standard Colors, Add	*456.66*	
		For Anodized Finish, Add	*608.88*	
		For Kynar™ Standard Colors Finish, Add	*837.21*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,957.52	146.56
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.44*	
		For Clear Lacquer Finish, Add	*332.88*	
		For Baked Enamel Standard Colors, Add	*499.32*	
		For Anodized Finish, Add	*665.76*	
		For Kynar™ Standard Colors Finish, Add	*915.42*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,123.73	151.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*182.10*	
		For Clear Lacquer Finish, Add	*364.20*	
		For Baked Enamel Standard Colors, Add	*546.30*	
		For Anodized Finish, Add	*728.40*	
		For Kynar™ Standard Colors Finish, Add	*1,001.55*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,277.94	156.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.56*	
		For Clear Lacquer Finish, Add	*393.12*	
		For Baked Enamel Standard Colors, Add	*589.68*	
		For Anodized Finish, Add	*786.24*	
		For Kynar™ Standard Colors Finish, Add	*1,081.08*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,536.57	168.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.02*	
		For Clear Lacquer Finish, Add	*440.04*	
		For Baked Enamel Standard Colors, Add	*660.06*	
		For Anodized Finish, Add	*880.08*	
		For Kynar™ Standard Colors Finish, Add	*1,210.11*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,040.98	175.39
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.02*	
		For Clear Lacquer Finish, Add	*338.04*	
		For Baked Enamel Standard Colors, Add	*507.06*	
		For Anodized Finish, Add	*676.08*	
		For Kynar™ Standard Colors Finish, Add	*929.61*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,855.80	182.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*249.06*	
		For Clear Lacquer Finish, Add	*498.12*	
		For Baked Enamel Standard Colors, Add	*747.18*	
		For Anodized Finish, Add	*996.24*	
		For Kynar™ Standard Colors Finish, Add	*1,369.83*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,032.81	187.41
		Note: Includes bird screen.		
		For Flange Frame, Add	*265.80*	
		For Clear Lacquer Finish, Add	*531.60*	
		For Baked Enamel Standard Colors, Add	*797.40*	
		For Anodized Finish, Add	*1,063.20*	
		For Kynar™ Standard Colors Finish, Add	*1,461.90*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,187.02	194.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*279.78*	
		For Clear Lacquer Finish, Add	*559.56*	
		For Baked Enamel Standard Colors, Add	*839.34*	
		For Anodized Finish, Add	*1,119.12*	
		For Kynar™ Standard Colors Finish, Add	*1,538.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,433.64	201.82
		For Flange Frame, Add	*303.00*	
		For Clear Lacquer Finish, Add	*606.00*	
		For Baked Enamel Standard Colors, Add	*909.00*	
		For Anodized Finish, Add	*1,212.00*	
		For Kynar™ Standard Colors Finish, Add	*1,666.50*	

08 91 19 00-0227 Gable Louver Vents *(08 91 19)*
Note: 1" deep, residential/light commercial grade louvers.

08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*
Note: Includes screen.

08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	147.55	8.74
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	161.81	10.02
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	186.48	11.32
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	204.19	12.04
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	232.27	12.75
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	260.69	15.29
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	303.33	19.11
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	338.85	22.30
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	388.60	26.77
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	488.07	35.67

08 91 19 00-0240 Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	135.09	8.04
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	167.49	10.20
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	209.37	12.04
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	267.80	15.93
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	345.96	22.94
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	438.26	31.20
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	544.93	40.77

08 91 19 00-0248 Round Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	135.09	8.04
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	167.49	10.20
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	209.37	12.04
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	267.80	15.93
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	345.96	22.94
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	438.34	31.22

08 91 19 00-0255 Octagonal Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	135.09	8.04
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	147.55	8.74
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	161.81	10.02
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	167.49	10.20
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	186.48	11.32
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	204.19	12.04
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	209.37	12.04
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	232.27	12.75
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	260.69	15.29
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	267.80	15.93
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	303.33	19.11
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	338.85	22.30
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	345.96	22.94
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	388.60	26.77
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	431.24	30.59
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	438.34	31.22
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	488.07	35.67
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	544.93	40.77

08 91 19 00-0274 Round Top Aluminum Gable Louver Vents *(08 91 19 00-0228)*
Note: Includes screen.

08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	135.09	8.04
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	147.55	8.74
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	161.81	10.02
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	167.49	10.20
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	186.48	11.32
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	204.19	12.04
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	209.37	12.04
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	232.27	12.75
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	260.69	15.29
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	267.80	15.93
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	303.33	19.11
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	338.85	22.30
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	345.96	22.94

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	388.60	26.77
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	431.24	30.59
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	438.34	31.22
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	488.07	35.67
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	544.93	40.77

08 91 19 00-0293 Triangle Aluminum Gable Louver Vents *(08 91 19 00-0228)*

Note: Includes screen.

08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	276.05	10.02
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	313.22	12.04
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	336.13	12.75
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	385.32	15.29
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	428.77	15.93
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	355.26	19.11
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	416.74	22.30
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	470.59	22.94
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	533.99	26.77
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	431.24	30.59
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	495.46	31.22
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	571.15	35.67
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	648.78	40.77
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	729.34	46.86

08 91 19 00-0308 Vinyl Gable Louver Vents *(08 91 19 00-0227)*

Note: Includes screen.

08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	48.14	8.04
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	57.42	8.74
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	77.89	11.32
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	104.57	12.75
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	74.82	10.20
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	86.66	12.04
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	121.39	15.93
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	177.16	22.94
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	74.82	10.20
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	84.54	11.32
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	107.64	12.75
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	153.63	19.11
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	353.78	30.59
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	73.36	10.02
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	101.29	12.75
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	106.55	15.29
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	232.28	19.11
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	232.28	19.11
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	232.28	19.11
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	232.28	19.11
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	232.28	19.11
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	266.72	30.59
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	266.72	30.59
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	266.72	30.59
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	266.72	30.59

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	5.31	2.21
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	10.14	4.32
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	14.77	5.76
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	15.02	5.76

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	5.37	2.39
		For Colors, Add	*0.06*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	5.43	2.39
		For Colors, Add	*0.07*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.45	0.17
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.45	0.17
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	1.01	0.17
08 95 16 00-0005	SI	Plastic Foundation Vent	0.34	0.17

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END OF SECTION 08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance Of Finishes *(09)*

09 01 20 Maintenance Of Plaster And Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Drywall To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 16 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	16.35
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	13.19
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	11.84
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing Note: Per location.	10.43

09 01 20 91-0006 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0007 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0008	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	15.92
09 01 20 91-0009	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	12.76
09 01 20 91-0010	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	10.40
09 01 20 91-0011	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	8.03
09 01 20 91-0012	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	6.46
09 01 20 91-0013	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	4.87

09 01 20 91-0014 Cut And Patch Hole In Plaster To Match Existing *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0015	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	14.90
09 01 20 91-0016	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	13.15
09 01 20 91-0017	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	12.08
09 01 20 91-0018	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	11.20
09 01 20 91-0019	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	10.43
09 01 20 91-0020	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	9.57

09 01 20 91-0021 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0022	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	28.42
09 01 20 91-0023	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	20.54
09 01 20 91-0024	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	15.01
09 01 20 91-0025	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	11.86

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	6.36
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	7.94
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Tile To Match Existing Note: Per location.	40.26

09 01 60 Maintenance Of Flooring *(09 01)*

09 01 60 00-0001 Double Stick Tape *(09 01 60)*

09 01 60 00-0002	SF	Double Stick Tape; DryFix Tape	2.76

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	254.98
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	3.99
09 01 60 91-0004	SF	Repair Existing Terrazzo	15.79
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	3.93

09 01 60 91-0006 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0007	CSF	Steam Clean Carpet	16.41
09 01 60 91-0008	CSF	Wax And Polish Tile	36.29
		For Additional Coat, Add	*30.04*
09 01 60 91-0009	CSF	Wax And Polish Wood	20.67
		For Additional Coat, Add	*17.89*
09 01 60 91-0010	MSF	Vacuum Floors	19.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0011		Prepare Existing Concrete Floor Prior To Installation Of Carpet *(09 01 60 91)*		
09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Carpet	11.98	
09 01 60 91-0013	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet	5.84	
09 01 60 91-0014		Masonry/Tile/Stone/Terrazzo Floor Sealants *(09 01 60 91)*		
09 01 60 91-0015	SF	Water-Based Emulsion Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.12	
09 01 60 91-0016	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.25	
09 01 60 91-0017	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	35.94	

09 05 Common Work Results For Finishes *(09)*

09 05 61 Common Work Results for Flooring Preparation *(09 05)*

09 05 61 13 Moisture Vapor Emission Control *(09 05 61)*

09 05 61 13-0001		Moisture Vapor Reduction (Koester VAP) *(09 05 61 13)*		
09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000) Note: Clear	1,913.32	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001) Note: Clear	10.14	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002) Note: Clear	6.75	
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003) Note: Clear	5.62	
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004) Note: Clear	4.50	
09 05 61 13-0007		Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*		
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	2.98	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.91	

09 05 71 Acoustic Underlayment *(09 05)*

09 05 71 00-0001		Tile And Stone Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	2.74	
		For Chemical Resistant Epoxy Grout, Add	*0.38*	
09 05 71 00-0003		Resilient Floor Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	2.07	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.33	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.66	

09 20 Plaster And Gypsum Board *(09)*

09 22 Supports For Plaster And Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 00-0001		Hat Furring Channel *(09 22 13)* Note: Includes clips where required.		
09 22 13 00-0002		Installed On Walls, Hat Furring Channel *(09 22 13 00-0001)*		
09 22 13 00-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.30	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.38*	
		For 12" On Center, Add	*0.52*	
		For 22 Gauge, Add	*0.48*	
		For 20 Gauge, Add	*0.77*	
09 22 13 00-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.51	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.43*	
		For 12" On Center, Add	*0.56*	
		For 22 Gauge, Add	*0.58*	
		For 20 Gauge, Add	*0.91*	
09 22 13 00-0005		Installed On Columns And Beams, Hat Furring Channel *(09 22 13 00-0001)*		
09 22 13 00-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	4.78	2.12
		For Columns And Beams >10' High, Add	*0.85*	
		For 24" On Center, Deduct	*-0.53*	
		For 12" On Center, Add	*0.74*	
		For 22 Gauge, Add	*0.59*	
		For 20 Gauge, Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 00-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	4.99	2.12
		For Columns And Beams >10' High, Add	*0.85*	
		For 24" On Center, Deduct	*-0.57*	
		For 12" On Center, Add	*0.79*	
		For 22 Gauge, Add	*0.69*	
		For 20 Gauge, Add	*1.13*	
09 22 13 00-0008		**Installed On Ceilings, Hat Furring Channel** *(09 22 13 00-0001)*		
09 22 13 00-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	4.29	1.70
		For Ceilings >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.52*	
		For 12" On Center, Add	*0.69*	
		For 22 Gauge, Add	*0.70*	
		For 20 Gauge, Add	*1.10*	
09 22 13 00-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	4.50	1.70
		For Ceilings >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.56*	
		For 12" On Center, Add	*0.73*	
		For 22 Gauge, Add	*0.81*	
		For 20 Gauge, Add	*1.24*	
09 22 13 00-0011		**Z Furring Channel** *(09 22 13)*		
09 22 13 00-0012		**Installed On Walls, Z Furring Channel** *(09 22 13 00-0011)*		
09 22 13 00-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.92	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.31*	
		For 12" On Center, Add	*0.45*	
		For 22 Gauge, Add	*0.29*	
		For 20 Gauge, Add	*0.52*	
09 22 13 00-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.95	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.31*	
		For 12" On Center, Add	*0.45*	
		For 22 Gauge, Add	*0.30*	
		For 20 Gauge, Add	*0.54*	
09 22 13 00-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.98	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.32*	
		For 12" On Center, Add	*0.46*	
		For 22 Gauge, Add	*0.32*	
		For 20 Gauge, Add	*0.56*	
09 22 13 00-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.01	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.33*	
		For 12" On Center, Add	*0.46*	
		For 22 Gauge, Add	*0.33*	
		For 20 Gauge, Add	*0.58*	
09 22 13 00-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.03	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.33*	
		For 12" On Center, Add	*0.47*	
		For 22 Gauge, Add	*0.34*	
		For 20 Gauge, Add	*0.59*	
09 22 13 00-0018		**Single-Leg Resilient Channel, RC1 Furring Channel** *(09 22 13)* Note: Includes clips where required.		
09 22 13 00-0019		**Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel** *(09 22 13 00-0018)*		
09 22 13 00-0020	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	3.10	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.34*	
		For 12" On Center, Add	*0.48*	
		For 20 Gauge, Add	*0.64*	
09 22 13 00-0021		**Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel** *(09 22 13 00-0018)*		
09 22 13 00-0022	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	3.74	1.70
		For Ceilings >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.41*	
		For 12" On Center, Add	*0.58*	
		For 20 Gauge, Add	*0.73*	
09 22 13 00-0023		**Double-Leg Resilient Channel, RC2 Furring Channel** *(09 22 13)* Note: Includes clips where required.		
09 22 13 00-0024		**Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel** *(09 22 13 00-0023)*		
09 22 13 00-0025	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	3.23	1.38
		For Walls >10' High, Add	*0.41*	
		For 24" On Center, Deduct	*-0.37*	
		For 12" On Center, Add	*0.51*	
		For 20 Gauge, Add	*0.72*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 00-0026		Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 00-0023)*		
09 22 13 00-0027	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	3.87	1.70
		For Ceilings >10' High, Add	*0.51*	
		For 24" On Center, Deduct	*-0.43*	
		For 12" On Center, Add	*0.60*	
		For 20 Gauge, Add	*0.82*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001		25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*		
09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.03	0.57
		For Walls >10' High, Add	*0.41*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.36*	
		For Soffit, Columns Or Beams >10' High, Add	*1.79*	
		For Horizontal Installation Up To 10' High, Add	*0.42*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Curved Wall, Add	*0.43*	
		For 12" On Center, Add	*0.33*	
		For 24" On Center, Deduct	*-0.33*	
		For Up To 100, Add	*0.69*	
		For >100 To 300, Add	*0.35*	
		For >1,000, Deduct	*-0.16*	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.15	0.60
		For Walls >10' High, Add	*0.43*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.42*	
		For Soffit, Columns Or Beams >10' High, Add	*1.88*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Curved Wall, Add	*0.45*	
		For 12" On Center, Add	*0.35*	
		For 24" On Center, Deduct	*-0.35*	
		For Up To 100, Add	*0.73*	
		For >100 To 300, Add	*0.37*	
		For >1,000, Deduct	*-0.17*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.34	0.63
		For Walls >10' High, Add	*0.47*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.50*	
		For Soffit, Columns Or Beams >10' High, Add	*1.97*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.63*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.39*	
		For 24" On Center, Deduct	*-0.39*	
		For Up To 100, Add	*0.78*	
		For >100 To 300, Add	*0.39*	
		For >1,000, Deduct	*-0.19*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.49	0.66
		For Walls >10' High, Add	*0.50*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.58*	
		For Soffit, Columns Or Beams >10' High, Add	*2.08*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*0.66*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.42*	
		For 24" On Center, Deduct	*-0.42*	
		For Up To 100, Add	*0.83*	
		For >100 To 300, Add	*0.42*	
		For >1,000, Deduct	*-0.21*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.76	0.69
		For Walls >10' High, Add	*0.55*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.67*	
		For Soffit, Columns Or Beams >10' High, Add	*2.19*	
		For Horizontal Installation Up To 10' High, Add	*0.54*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.47*	
		For 24" On Center, Deduct	*-0.47*	
		For Up To 100, Add	*0.90*	
		For >100 To 300, Add	*0.45*	
		For >1,000, Deduct	*-0.24*	
09 22 16 13-0007		20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.25	0.58
		For Walls >10' High, Add	*0.45*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.40*	
		For Soffit, Columns Or Beams >10' High, Add	*1.84*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Curved Wall, Add	*0.44*	
		For 12" On Center, Add	*0.38*	
		For 24" On Center, Deduct	*-0.38*	
		For Up To 100, Add	*0.74*	
		For >100 To 300, Add	*0.37*	
		For >1,000, Deduct	*-0.19*	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.47	0.62
		For Walls >10' High, Add	*0.49*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.49*	
		For Soffit, Columns Or Beams >10' High, Add	*1.95*	
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.63*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.42*	
		For 24" On Center, Deduct	*-0.42*	
		For Up To 100, Add	*0.80*	
		For >100 To 300, Add	*0.40*	
		For >1,000, Deduct	*-0.22*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.71	0.64
		For Walls >10' High, Add	*0.54*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.57*	
		For Soffit, Columns Or Beams >10' High, Add	*2.05*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Curved Wall, Add	*0.49*	
		For 12" On Center, Add	*0.46*	
		For 24" On Center, Deduct	*-0.46*	
		For Up To 100, Add	*0.87*	
		For >100 To 300, Add	*0.43*	
		For >1,000, Deduct	*-0.24*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.88	0.68
		For Walls >10' High, Add	*0.58*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.65*	
		For Soffit, Columns Or Beams >10' High, Add	*2.16*	
		For Horizontal Installation Up To 10' High, Add	*0.54*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Curved Wall, Add	*0.51*	
		For 12" On Center, Add	*0.49*	
		For 24" On Center, Deduct	*-0.49*	
		For Up To 100, Add	*0.92*	
		For >100 To 300, Add	*0.46*	
		For >1,000, Deduct	*-0.26*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.89	0.71
		For Walls >10' High, Add	*0.78*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.81*	
		For Soffit, Columns Or Beams >10' High, Add	*2.35*	
		For Horizontal Installation Up To 10' High, Add	*0.66*	
		For Horizontal Installation >10' High, Add	*0.83*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.69*	
		For 24" On Center, Deduct	*-0.69*	
		For Up To 100, Add	*1.13*	
		For >100 To 300, Add	*0.57*	
		For >1,000, Deduct	*-0.41*	

09 22 16 13-0013 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.30	0.63
		For Walls >10' High, Add	*0.66*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.59*	
		For Soffit, Columns Or Beams >10' High, Add	*2.07*	
		For Horizontal Installation Up To 10' High, Add	*0.57*	
		For Horizontal Installation >10' High, Add	*0.73*	
		For Curved Wall, Add	*0.47*	
		For 12" On Center, Add	*0.58*	
		For 24" On Center, Deduct	*-0.58*	
		For Up To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	
		For >1,000, Deduct	*-0.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.64	0.66
		For Walls >10' High, Add	*0.73*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.70*	
		For Soffit, Columns Or Beams >10' High, Add	*2.20*	
		For Horizontal Installation Up To 10' High, Add	*0.61*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.64*	
		For 24" On Center, Deduct	*-0.64*	
		For Up To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.38*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.89	0.69
		For Walls >10' High, Add	*0.78*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.78*	
		For Soffit, Columns Or Beams >10' High, Add	*2.30*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*0.82*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.69*	
		For 24" On Center, Deduct	*-0.69*	
		For Up To 100, Add	*1.13*	
		For >100 To 300, Add	*0.56*	
		For >1,000, Deduct	*-0.41*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.00	0.73
		For Walls >10' High, Add	*1.00*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.96*	
		For Soffit, Columns Or Beams >10' High, Add	*2.51*	
		For Horizontal Installation Up To 10' High, Add	*0.77*	
		For Horizontal Installation >10' High, Add	*0.96*	
		For Curved Wall, Add	*0.55*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
		For Up To 100, Add	*1.37*	
		For >100 To 300, Add	*0.68*	
		For >1,000, Deduct	*-0.57*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.43	0.77
		For Walls >10' High, Add	*1.09*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.08*	
		For Soffit, Columns Or Beams >10' High, Add	*2.66*	
		For Horizontal Installation Up To 10' High, Add	*0.83*	
		For Horizontal Installation >10' High, Add	*1.02*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*0.99*	
		For 24" On Center, Deduct	*-0.99*	
		For Up To 100, Add	*1.47*	
		For >100 To 300, Add	*0.74*	
		For >1,000, Deduct	*-0.62*	

09 22 16 13-0019 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.50	0.64
		For Walls >10' High, Add	*0.70*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.65*	
		For Soffit, Columns Or Beams >10' High, Add	*2.13*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Curved Wall, Add	*0.49*	
		For 12" On Center, Add	*0.62*	
		For 24" On Center, Deduct	*-0.62*	
		For Up To 100, Add	*1.02*	
		For >100 To 300, Add	*0.51*	
		For >1,000, Deduct	*-0.36*	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.08	0.68
		For Walls >10' High, Add	*0.82*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.77*	
		For Soffit, Columns Or Beams >10' High, Add	*2.28*	
		For Horizontal Installation Up To 10' High, Add	*0.66*	
		For Horizontal Installation >10' High, Add	*0.83*	
		For Curved Wall, Add	*0.51*	
		For 12" On Center, Add	*0.73*	
		For 24" On Center, Deduct	*-0.73*	
		For Up To 100, Add	*1.16*	
		For >100 To 300, Add	*0.58*	
		For >1,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.30	0.71
		For Walls >10' High, Add	*0.86*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.85*	
		For Soffit, Columns Or Beams >10' High, Add	*2.39*	
		For Horizontal Installation Up To 10' High, Add	*0.70*	
		For Horizontal Installation >10' High, Add	*0.88*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.77*	
		For 24" On Center, Deduct	*-0.77*	
		For Up To 100, Add	*1.22*	
		For >100 To 300, Add	*0.61*	
		For >1,000, Deduct	*-0.47*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.38	0.74
		For Walls >10' High, Add	*1.08*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.04*	
		For Soffit, Columns Or Beams >10' High, Add	*2.61*	
		For Horizontal Installation Up To 10' High, Add	*0.82*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.98*	
		For 24" On Center, Deduct	*-0.98*	
		For Up To 100, Add	*1.45*	
		For >100 To 300, Add	*0.73*	
		For >1,000, Deduct	*-0.62*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.90	0.79
		For Walls >10' High, Add	*1.18*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.17*	
		For Soffit, Columns Or Beams >10' High, Add	*2.76*	
		For Horizontal Installation Up To 10' High, Add	*0.89*	
		For Horizontal Installation >10' High, Add	*1.08*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*1.08*	
		For 24" On Center, Deduct	*-1.08*	
		For Up To 100, Add	*1.57*	
		For >100 To 300, Add	*0.79*	
		For >1,000, Deduct	*-0.69*	

09 22 16 13-0025 Galvanized Steel Backing Plates *(09 22 16 13)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.01
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.20
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	1.50
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	1.82
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	2.11
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	2.52
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.24
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	1.50
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	1.94
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	2.39
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	2.85
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	3.39
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	1.62
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	1.98
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	2.64
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	3.28
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	4.00
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	4.69
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	1.87
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	2.32
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	3.13
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	3.94
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	4.83
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	5.68

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

09 22 36 13-0001 Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.04	0.38
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.40	0.44
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.76	0.51
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.51*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.35	0.53
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.76	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.17	0.71
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.71*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	1.66	0.68
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.11	0.79
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.57	0.91
		For Columns And Beams >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.38	0.38
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.60	0.44
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	1.69	0.53
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	1.96	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.00	0.68
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.31	0.79
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	

09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.38	0.38
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.38*	
		For >100 To 500, Add	*0.19*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.60	0.44
		For Walls >10' High, Add	*0.11*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	1.69	0.53
		For Ceilings >10' High, Add	*0.16*	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	1.96	0.62
		For Ceilings >10' High, Add	*0.19*	
		For Up To 100, Add	*0.62*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.00	0.68
		For Columns And Beams >10' High, Add	*0.21*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.35*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.31	0.79
		For Columns And Beams >10' High, Add	*0.24*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	

09 22 36 23 Metal Lath *(09 22 36)*

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0002	SF	1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.68	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 23-0003	SF	2.0 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.75	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 23-0004	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.81	0.53
		For Walls >10' High, Add	*0.15*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.59*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 23-0005	SF	3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.06	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0006	SF	1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	1.85	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0007	SF	2.0 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	1.92	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0008	SF	2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	1.98	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0009	SF	3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.15	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0010	SF	1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.46	0.84
		For Columns And Beams >10' High, Add	*0.28*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.95*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0011	SF	2.0 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.53	0.84
		For Columns And Beams >10' High, Add	*0.28*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.95*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0012	SF	2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.60	0.84
		For Columns And Beams >10' High, Add	*0.28*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.95*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 23-0013	SF	3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.24	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0015	SF	1.75 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.76	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0016	SF	2.0 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.83	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0017	SF	2.5 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.89	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0018	SF	3.4 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.06	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0019	SF	1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	2.93	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0020	SF	2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.00	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0021	SF	2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.07	1.07
		For Columns And Beams >10' High, Add	*0.35*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.18*	
		For >100 To 500, Add	*0.59*	
		For >5,000, Deduct	*-0.24*	
09 22 36 23-0022	SF	3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.57	1.22
		For Columns And Beams >10' High, Add	*0.40*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.67*	
		For >5,000, Deduct	*-0.27*	

09 22 36 23-0023 High Rib Metal Lath *(09 22 36 23)*

09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.04	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.13	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	2.19	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	2.30	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	

09 22 36 33 Fiberglass Lath *(09 22 36)*

09 22 36 33-0001 Non-Metallic, Fiberglass Lath *(09 22 36 33)*

09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	2.19	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	2.31	0.60
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.68*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath	2.10	0.56
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath	2.22	0.56
		For Walls >10' High, Add	*0.16*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.32*	
		For >5,000, Deduct	*-0.13*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001 Casing And Corner Beads *(09 23 13)*

09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	3.41	0.84
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	3.42	0.84
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	3.51	0.84
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	3.31	0.84
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	3.30	0.84

09 23 13 00-0007 Trim *(09 23 13)*

09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	3.54	0.84
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	3.54	0.84
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	3.54	0.84
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	

09 23 13 00-0011 Plaster Forms And Expansion Joints *(09 23 13)*

09 23 13 00-0012	LF	3/4" Galvanized Expansion Joint For Plaster Applications	3.87	0.84

09 23 13 00-0013 One Skim Coat Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0014	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.10	
		For Walls >10' High, Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.13*	
		For Horizontal Installation >10' High, Add	*0.26*	
		For Columns Or Beams Up To 10' High, Add	*0.27*	
		For Columns Or Beams >10' High, Add	*0.40*	
		For Up To 100, Add	*0.44*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.18*	
09 23 13 00-0015	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.79	
		For Walls >10' High, Add	*0.06*	
		For Horizontal Installation Up To 10' High, Add	*0.09*	
		For Horizontal Installation >10' High, Add	*0.19*	
		For Columns Or Beams Up To 10' High, Add	*0.20*	
		For Columns Or Beams >10' High, Add	*0.29*	
		For Up To 100, Add	*0.32*	
		For >100 To 500, Add	*0.16*	
		For >5,000, Deduct	*-0.13*	

09 23 13 00-0016 Two Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0017	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	5.21	2.92
		For Walls >10' High, Add	*0.48*	
		For Horizontal Installation Up To 10' High, Add	*0.72*	
		For Horizontal Installation >10' High, Add	*1.44*	
		For Columns Or Beams Up To 10' High, Add	*1.49*	
		For Columns Or Beams >10' High, Add	*2.21*	
		For Up To 100, Add	*2.41*	
		For >100 To 500, Add	*1.20*	
		For >5,000, Deduct	*-0.96*	
09 23 13 00-0018	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	5.20	2.76
		For Walls >10' High, Add	*0.45*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*1.36*	
		For Columns Or Beams Up To 10' High, Add	*1.40*	
		For Columns Or Beams >10' High, Add	*2.08*	
		For Up To 100, Add	*2.26*	
		For >100 To 500, Add	*1.13*	
		For >5,000, Deduct	*-0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0019	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	5.57	2.76
		For Walls >10' High, Add	*0.45*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*1.36*	
		For Columns Or Beams Up To 10' High, Add	*1.40*	
		For Columns Or Beams >10' High, Add	*2.08*	
		For Up To 100, Add	*2.26*	
		For >100 To 500, Add	*1.13*	
		For >5,000, Deduct	*-0.90*	

09 23 13 00-0020 Three Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0021	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	6.33	3.55
		For Walls >10' High, Add	*0.58*	
		For Horizontal Installation Up To 10' High, Add	*0.86*	
		For Horizontal Installation >10' High, Add	*1.73*	
		For Columns Or Beams Up To 10' High, Add	*1.78*	
		For Columns Or Beams >10' High, Add	*2.65*	
		For Up To 100, Add	*2.88*	
		For >100 To 500, Add	*1.44*	
		For >5,000, Deduct	*-1.15*	
09 23 13 00-0022	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	6.19	3.23
		For Walls >10' High, Add	*0.53*	
		For Horizontal Installation Up To 10' High, Add	*0.80*	
		For Horizontal Installation >10' High, Add	*1.60*	
		For Columns Or Beams Up To 10' High, Add	*1.65*	
		For Columns Or Beams >10' High, Add	*2.45*	
		For Up To 100, Add	*2.67*	
		For >100 To 500, Add	*1.33*	
		For >5,000, Deduct	*-1.07*	
09 23 13 00-0023	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	5.99	3.23
		For Walls >10' High, Add	*0.53*	
		For Horizontal Installation Up To 10' High, Add	*0.80*	
		For Horizontal Installation >10' High, Add	*1.59*	
		For Columns Or Beams Up To 10' High, Add	*1.65*	
		For Columns Or Beams >10' High, Add	*2.44*	
		For Up To 100, Add	*2.66*	
		For >100 To 500, Add	*1.33*	
		For >5,000, Deduct	*-1.06*	

09 23 13 00-0024 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 23 13)*

Note: Used for areas with higher than normal moisture.

09 23 13 00-0025	SF	1 Coat Keene's Cement Plaster On Walls	3.73	1.97
		For Walls >10' High, Add	*0.32*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.95*	
		For Columns Or Beams Up To 10' High, Add	*0.98*	
		For Columns Or Beams >10' High, Add	*1.45*	
		For Up To 100, Add	*1.58*	
		For >100 To 500, Add	*0.79*	
		For >5,000, Deduct	*-0.63*	
09 23 13 00-0026	SF	2 Coat Keene's Cement Plaster On Walls	5.73	3.07
		For Walls >10' High, Add	*0.50*	
		For Horizontal Installation Up To 10' High, Add	*0.75*	
		For Horizontal Installation >10' High, Add	*1.50*	
		For Columns Or Beams Up To 10' High, Add	*1.55*	
		For Columns Or Beams >10' High, Add	*2.30*	
		For Up To 100, Add	*2.50*	
		For >100 To 500, Add	*1.25*	
		For >5,000, Deduct	*-1.00*	
09 23 13 00-0027	SF	3 Coat Keene's Cement Plaster On Walls	6.48	3.47
		For Walls >10' High, Add	*0.57*	
		For Horizontal Installation Up To 10' High, Add	*0.85*	
		For Horizontal Installation >10' High, Add	*1.70*	
		For Columns Or Beams Up To 10' High, Add	*1.75*	
		For Columns Or Beams >10' High, Add	*2.60*	
		For Up To 100, Add	*2.83*	
		For >100 To 500, Add	*1.42*	
		For >5,000, Deduct	*-1.13*	

09 23 13 00-0028 Plaster Bonding Agent *(09 23 13)*

09 23 13 00-0029	SF	1 Coat, Brush/Roller Plaster Bonding Agent	0.55	
		For Walls >10' High, Add	*0.04*	
		For Columns Or Beams Up To 10' High, Add	*0.14*	
		For Columns Or Beams >10' High, Add	*0.20*	
		For Ceiling Application Up To 10' High, Add	*0.06*	
		For Ceiling Application >10' High, Add	*0.10*	

09 24 Cement Plastering *(09 20)*

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 23 00-0002	SF	Three Coat Troweled Stucco, Scratch/Brown/Finish Note: Excludes lath and felt. Interior or exterior, one side.	7.33	2.45
		For Walls >10' High, Add	*0.67*	
		For Horizontal Installation Up To 10' High, Add	*1.00*	
		For Horizontal Installation >10' High, Add	*2.00*	
		For Columns Or Beams Up To 10' High, Add	*2.07*	
		For Columns Or Beams >10' High, Add	*3.07*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.40*	
		For Up To 100, Add	*3.34*	
		For >100 To 500, Add	*1.67*	
		For >5,000, Deduct	*-1.34*	
09 24 23 00-0003	SF	Two Coat Troweled Stucco, Scratch/Brown Note: Excludes lath and felt. Interior or exterior, one side.	3.02	1.18
		For Walls >10' High, Add	*0.25*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.74*	
		For Columns Or Beams Up To 10' High, Add	*0.76*	
		For Columns Or Beams >10' High, Add	*1.13*	
		For Up To 100, Add	*1.23*	
		For >100 To 500, Add	*0.61*	
		For >5,000, Deduct	*-0.49*	
09 24 23 00-0004	SF	Two Coat Troweled Stucco, Scratch/Finish Note: Excludes lath and felt. Interior or exterior, one side.	4.82	1.18
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.65*	
		For Horizontal Installation >10' High, Add	*1.30*	
		For Columns Or Beams Up To 10' High, Add	*1.35*	
		For Columns Or Beams >10' High, Add	*2.00*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.19*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.09*	
		For >5,000, Deduct	*-0.87*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	3.23	0.79
		For Walls >10' High, Add	*0.32*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.95*	
		For Columns Or Beams Up To 10' High, Add	*0.98*	
		For Columns Or Beams >10' High, Add	*1.45*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.19*	
		For Up To 100, Add	*1.58*	
		For >100 To 500, Add	*0.79*	
		For >5,000, Deduct	*-0.63*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	2.91
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	3.69
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	4.56

09 28 Backing Boards And Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.06	0.58
		For Up To 50, Add	*2.48*	
		For >50 To 250, Add	*0.46*	
		For >1,000, Deduct	*-0.23*	
		For Installation On Wall, Add	*0.46*	
		For Installation On Ceiling, Add	*1.15*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	3.55	0.68
		For Up To 50, Add	*2.96*	
		For >50 To 250, Add	*0.55*	
		For >1,000, Deduct	*-0.28*	
		For Installation On Wall, Add	*0.55*	
		For Installation On Ceiling, Add	*1.38*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	4.33	0.80
		For Up To 50, Add	*3.50*	
		For >50 To 250, Add	*0.64*	
		For >1,000, Deduct	*-0.32*	
		For Installation On Wall, Add	*0.64*	
		For Installation On Ceiling, Add	*1.61*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	2.39	0.64
		For Up To 50, Add	*1.84*	
		For >50 To 250, Add	*0.33*	
		For >1,000, Deduct	*-0.17*	
		For Installation On Wall, Add	*0.33*	
		For Installation On Ceiling, Add	*0.83*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.21	0.73
		For Up To 50, Add	*2.18*	
		For >50 To 250, Add	*0.37*	
		For >1,000, Deduct	*-0.18*	
		For Installation On Wall, Add	*0.37*	
		For Installation On Ceiling, Add	*0.92*	

09 29 Gypsum Board *(09 20)*

09 29 00 00-0001 Standard Gypsum Board Application *(09 29)*

Note: Price includes gypsum board screwed on one face only, without finishing. Installed on walls, ceilings, beams, columns, soffits, recesses and chases, flat or curved surfaces. See CSI section 09 01 20 91-0001 for small repairs, 09 29 00 00-0054 for finishing gypsum board, 09 29 00 00-0072 for casing and corner bead, 09 91 43 00-0011 for small repairs.

09 29 00 00-0002 Standard Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0003	SF	1/4" Gypsum Board	1.07	0.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.17*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.37*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.25*	
		For Horizontal Installation >10' High, Add	*0.37*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.36*	
		For >128 To 320, Add	*0.22*	
		For >1,536, Deduct	*-0.09*	
09 29 00 00-0004	SF	3/8" Gypsum Board	1.16	0.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.19*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.41*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.28*	
		For Horizontal Installation >10' High, Add	*0.41*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.40*	
		For >128 To 320, Add	*0.24*	
		For >1,536, Deduct	*-0.09*	
09 29 00 00-0005	SF	1/2" Gypsum Board	1.30	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.48*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.48*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.45*	
		For >128 To 320, Add	*0.27*	
		For >1,536, Deduct	*-0.10*	
09 29 00 00-0006	SF	5/8" Gypsum Board	1.52	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.32*	
		For >1,536, Deduct	*-0.12*	
09 29 00 00-0007	SF	1/4" Gypsum Board, Two Layers	2.01	0.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.67*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.13*	
		For Horizontal Installation Up To 10' High, Add	*0.45*	
		For Horizontal Installation >10' High, Add	*0.67*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.17*	
09 29 00 00-0008	SF	3/8" Gypsum Board, Two Layers	2.17	0.74
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.75*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.13*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.73*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0009	SF	1/2" Gypsum Board, Two Layers	2.39	0.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.40*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.86*	
		For Adhesive Applied Sheets Instead of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.15*	
		For Horizontal Installation Up To 10' High, Add	*0.58*	
		For Horizontal Installation >10' High, Add	*0.86*	
		For Walls >10' High, Add	*0.14*	
		For Up To 128, Add	*0.82*	
		For >128 To 320, Add	*0.50*	
		For >1,536, Deduct	*-0.19*	
09 29 00 00-0010	SF	5/8" Gypsum Board, Two Layers	2.81	0.99
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.46*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.99*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.67*	
		For Horizontal Installation >10' High, Add	*0.99*	
		For Walls >10' High, Add	*0.16*	
		For Up To 128, Add	*0.96*	
		For >128 To 320, Add	*0.58*	
		For >1,536, Deduct	*-0.22*	

09 29 00 00-0011 Fire Rated Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0012 Type X, Fire Rated Gypsum Board *(09 29 00 00-0011)*

09 29 00 00-0013	SF	5/8" Type X Fire Rated Gypsum Board	1.62	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.61*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.57*	
		For >128 To 320, Add	*0.34*	
		For >1,536, Deduct	*-0.12*	
09 29 00 00-0014	SF	5/8" Type X Fire Rated Gypsum Board, Two Layers	2.99	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.51*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.08*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.17*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*1.08*	
		For Walls >10' High, Add	*0.17*	
		For Up To 128, Add	*1.03*	
		For >128 To 320, Add	*0.62*	
		For >1,536, Deduct	*-0.23*	

09 29 00 00-0015 Type C, Fire Rated Gypsum Board *(09 29 00 00-0011)*

09 29 00 00-0016	SF	1/2" Type C Fire Rated Gypsum Board	1.48	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.53*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.51*	
		For >128 To 320, Add	*0.31*	
		For >1,536, Deduct	*-0.12*	
09 29 00 00-0017	SF	5/8" Type C Fire Rated Gypsum Board	1.67	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.61*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.13*	
09 29 00 00-0018	SF	1/2" Type C Fire Rated Gypsum Board, Two Layers	2.75	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.94*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.15*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Walls >10' High, Add	*0.15*	
		For Up To 128, Add	*0.93*	
		For >128 To 320, Add	*0.56*	
		For >1,536, Deduct	*-0.22*	
09 29 00 00-0019	SF	5/8" Type C Fire Rated Gypsum Board, Two Layers	3.08	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.51*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.08*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.17*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*1.08*	
		For Walls >10' High, Add	*0.17*	
		For Up To 128, Add	*1.05*	
		For >128 To 320, Add	*0.63*	
		For >1,536, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0020		**Fire Rated Gypsum Board (Sheetrock® Ultracode®)** *(09 29 00 00-0011)*		
09 29 00 00-0021	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	2.26	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.61*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.22*	
09 29 00 00-0022	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®), Two Layers	4.26	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.52*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.08*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.17*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*1.08*	
		For Walls >10' High, Add	*0.17*	
		For Up To 128, Add	*1.28*	
		For >128 To 320, Add	*0.75*	
		For >1,536, Deduct	*-0.42*	
09 29 00 00-0023		**Moisture Resistant Gypsum Board Application** *(09 29 00 00-0001)*		
		Note: Water-resistant gypsum core.		
09 29 00 00-0024	SF	1/2" Moisture Resistant Gypsum Board	1.41	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.48*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.48*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.47*	
		For >128 To 320, Add	*0.29*	
		For >1,536, Deduct	*-0.12*	
09 29 00 00-0025	SF	5/8" Moisture Resistant Gypsum Board	1.81	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.16*	
09 29 00 00-0026		**Vinyl Faced Gypsum Board Application** *(09 29 00 00-0001)*		
		Note: All prefinished vinyl faced panels include, screws, edge grip clips and adhesive.		
09 29 00 00-0027	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	2.51	0.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.21*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.41*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.28*	
		For Horizontal Installation >10' High, Add	*0.41*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.37*	
		For >1,536, Deduct	*-0.29*	
09 29 00 00-0028	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	2.65	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.48*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.48*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.72*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.30*	
09 29 00 00-0029	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	2.79	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.78*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.31*	
09 29 00 00-0030	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	3.07	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.53*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.82*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0031	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	4.69	0.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.31*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.61*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.18*	
		For >128 To 320, Add	*0.65*	
		For >1,536, Deduct	*-0.58*	

09 29 00 00-0032 Moisture And Mold Resistant Gypsum Board Application *(09 29 00 00-0001)*

09 29 00 00-0033	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.63	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.23*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.48*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.48*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.31*	
		For >1,536, Deduct	*-0.15*	
09 29 00 00-0034	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.93	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.18*	
09 29 00 00-0035	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.92	0.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.53*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.53*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.18*	
09 29 00 00-0036	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	2.16	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.61*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.41*	
		For Horizontal Installation >10' High, Add	*0.61*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.20*	

09 29 00 00-0037 Hi-Impact Gypsum Board *(09 29 00 00-0001)*

Note: Abrasion, impact and penetration resistant.

09 29 00 00-0038	SF	0.01" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.47	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.26*	
09 29 00 00-0039	SF	0.02" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.87	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.79*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.32*	
09 29 00 00-0040	SF	0.03" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	3.27	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.87*	
		For >128 To 320, Add	*0.49*	
		For >1,536, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0041	SF	0.08" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	5.69	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.36*	
		For >128 To 320, Add	*0.73*	
		For >1,536, Deduct	*-0.74*	
09 29 00 00-0042		**Hi-Abuse Gypsum Board** *(09 29 00 00-0001)*		
		Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.		
09 29 00 00-0043	SF	5/8" Fire Rated, Hi-Abuse Gypsum Board	1.97	0.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.55*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.55*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.19*	
09 29 00 00-0044		**Soundproof Gypsum Board** *(09 29 00 00-0001)*		
		Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.		
09 29 00 00-0045	SF	1/2" Soundproof Gypsum Board	3.69	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.56*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.96*	
		For >128 To 320, Add	*0.54*	
		For >1,536, Deduct	*-0.44*	
09 29 00 00-0046	SF	5/8" Soundproof Gypsum Board	4.48	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.56*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.12*	
		For >128 To 320, Add	*0.61*	
		For >1,536, Deduct	*-0.56*	
09 29 00 00-0047		**Shaft Wall** *(09 29)*		
		See CSI section 09 29 00 00-0054 for finishing drywall.		
09 29 00 00-0048	SF	3/4" Fire Rated Shaft Wall Assembly	5.70	2.29
		Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.30*	
		For Horizontal Installation Up To 10' High, Add	*1.56*	
		For Horizontal Installation >10' High, Add	*2.30*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.06*	
		For >128 To 320, Add	*1.26*	
		For >1,536, Deduct	*-0.40*	
09 29 00 00-0049	SF	7/8" Fire Rated Shaft Wall Assembly	6.64	2.76
		Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.76*	
		For Horizontal Installation Up To 10' High, Add	*1.87*	
		For Horizontal Installation >10' High, Add	*2.76*	
		For Walls >10' High, Add	*0.44*	
		For Up To 128, Add	*2.43*	
		For >128 To 320, Add	*1.49*	
		For >1,536, Deduct	*-0.45*	
09 29 00 00-0050	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.64	1.77
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.77*	
		For Horizontal Installation Up To 10' High, Add	*1.20*	
		For Horizontal Installation >10' High, Add	*1.77*	
		For Walls >10' High, Add	*0.28*	
		For Up To 128, Add	*1.84*	
		For >128 To 320, Add	*1.10*	
		For Glass Mat Surfaces, Add	*0.24*	
09 29 00 00-0051	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.99	1.85
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.86*	
		For Horizontal Installation Up To 10' High, Add	*1.26*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Walls >10' High, Add	*0.30*	
		For Up To 128, Add	*1.94*	
		For >128 To 320, Add	*1.16*	
		For Glass Mat Surfaces, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0052	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	6.46	1.85
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.86*	
		For Horizontal Installation Up To 10' High, Add	*1.26*	
		For Horizontal Installation >10' High, Add	*1.86*	
		For Walls >10' High, Add	*0.30*	
		For Up To 128, Add	*2.03*	
		For >128 To 320, Add	*1.20*	
		For Glass Mat Surfaces, Add	*0.24*	
09 29 00 00-0053	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	6.83	1.95
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.95*	
		For Horizontal Installation Up To 10' High, Add	*1.32*	
		For Horizontal Installation >10' High, Add	*1.95*	
		For Walls >10' High, Add	*0.31*	
		For Up To 128, Add	*2.14*	
		For >128 To 320, Add	*1.27*	
		For Glass Mat Surfaces, Add	*0.24*	

09 29 00 00-0054 Finishing Gypsum Board Applications *(09 29)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 00 00-0055 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 00 00-0054)*

09 29 00 00-0056	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.61
		For Up To 128, Add	*0.23*
		For >128 To 320, Add	*0.14*
		For >5,400, Deduct	*-0.06*
		For ASTM C840 Level 1 Finish, Deduct	*-0.29*
		For ASTM C840 Level 2 Finish, Deduct	*-0.14*
		For ASTM C840 Level 3 Finish, Deduct	*-0.06*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.45*
09 29 00 00-0057	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.81
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.31*
		For >128 To 320, Add	*0.19*
		For >5,400, Deduct	*-0.08*
		For ASTM C840 Level 1 Finish, Deduct	*-0.39*
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.60*

09 29 00 00-0058 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 00 00-0054)*

09 29 00 00-0059	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.80
		For Up To 128, Add	*0.31*
		For >128 To 320, Add	*0.19*
		For >5,400, Deduct	*-0.08*
		For ASTM C840 Level 1 Finish, Deduct	*-0.38*
		For ASTM C840 Level 2 Finish, Deduct	*-0.19*
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.59*
09 29 00 00-0060	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.07
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For Up To 128, Add	*0.42*
		For >128 To 320, Add	*0.26*
		For >5,400, Deduct	*-0.11*
		For ASTM C840 Level 1 Finish, Deduct	*-0.52*
		For ASTM C840 Level 2 Finish, Deduct	*-0.26*
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.79*

09 29 00 00-0061 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 00 00-0054)*

Note: Inside or outside gypsum board corners.

09 29 00 00-0062	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.23
		For ASTM C840 Level 1 Finish, Deduct	*-0.57*
		For ASTM C840 Level 2 Finish, Deduct	*-0.29*
		For ASTM C840 Level 3 Finish, Deduct	*-0.12*
		For ASTM C840 Level 5 High Quality Finish, Add	*0.90*
09 29 00 00-0063	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.47
		Note: Use this task for the entire wall area when the wall is >10' high.	
		For ASTM C840 Level 1 Finish, Deduct	*-0.69*
		For ASTM C840 Level 2 Finish, Deduct	*-0.35*
		For ASTM C840 Level 3 Finish, Deduct	*-0.14*
		For ASTM C840 Level 5 High Quality Finish, Add	*1.08*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0064		Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 00 00-0054)*		
		Note: Inside or outside gypsum board corners.		
09 29 00 00-0065	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.43	
		For ASTM C840 Level 1 Finish, Deduct	*-0.67*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.34*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.14*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.05*	
09 29 00 00-0066	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.71	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For ASTM C840 Level 1 Finish, Deduct	*-0.81*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.41*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.16*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.26*	
09 29 00 00-0067		Textured Finishes For Gypsum Board *(09 29 00 00-0054)*		
09 29 00 00-0068	SF	"Popcorn" Spray Applied, Finish On Existing Gypsum Board Ceiling	0.38	
09 29 00 00-0069	SF	Textured Finish On Existing Gypsum Board Ceiling	0.75	
		Note: For non spray applied textures.		
09 29 00 00-0070	SF	Spray Applied Orange Peel Finish On Existing Gypsum Board Wall	0.36	
09 29 00 00-0071	SF	Spray Applied Knockdown Or Skip Trowel Finish On Existing Gypsum Board Wall	0.46	
09 29 00 00-0072		Casing And Corner Beads *(09 29)*		
09 29 00 00-0073	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	3.25	0.91
		For Up To 100, Add	*0.22*	
		For >500, Deduct	*-0.16*	
09 29 00 00-0074	LF	Corner Bead, Galvanized Steel For Gypsum Board	3.13	0.91
		For Up To 100, Add	*0.20*	
		For >500, Deduct	*-0.16*	
09 29 00 00-0075		Architectural Forms *(09 29)*		
09 29 00 00-0076	SF	1" Architectural Foam Forms For Gypsum Board Cover	4.08	
09 29 00 00-0077		Preformed Architectural Profiles *(09 29)*		
09 29 00 00-0078		Trim Reveals For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0079	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.04	1.11
09 29 00 00-0080	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.05	1.11
09 29 00 00-0081	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.10	1.11
09 29 00 00-0082	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.13	1.11
09 29 00 00-0083	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.19	1.11
09 29 00 00-0084	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.26	1.11
09 29 00 00-0085	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.32	1.11
09 29 00 00-0086	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.53	1.11
09 29 00 00-0087	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.73	1.11
09 29 00 00-0088	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.19	1.20
09 29 00 00-0089	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.19	1.20
09 29 00 00-0090	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.33	1.20
09 29 00 00-0091	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.36	1.20
09 29 00 00-0092	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.45	1.20
09 29 00 00-0093	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.49	1.20
09 29 00 00-0094	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.54	1.20
09 29 00 00-0095	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.77	1.20
09 29 00 00-0096	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.00	1.20
09 29 00 00-0097	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.16	1.38
09 29 00 00-0098	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.54	1.38
09 29 00 00-0099		Edge Trim For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0100	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	2.95	1.15
09 29 00 00-0101	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	3.06	1.15
09 29 00 00-0102	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	3.49	1.27
09 29 00 00-0103	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	3.69	1.38
09 29 00 00-0104	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.23	1.15
09 29 00 00-0105	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.33	1.15
09 29 00 00-0106	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.77	1.27
09 29 00 00-0107	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.97	1.38
09 29 00 00-0108		Bevel Trim For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0109	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	3.06	1.15
09 29 00 00-0110	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	3.46	1.27
09 29 00 00-0111		Trim/Wainscot Caps For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0112	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	3.91	1.38
09 29 00 00-0113		Single Fin Wall/Trim Reveals For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0114	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	2.47	0.73
09 29 00 00-0115	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	2.62	0.82
09 29 00 00-0116	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.03	0.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0117	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.26	1.01
09 29 00 00-0118	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.45	1.11
09 29 00 00-0119	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.49	1.11
09 29 00 00-0120	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.60	1.11
09 29 00 00-0121	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.82	1.11
09 29 00 00-0122	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.90	1.11
09 29 00 00-0123	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.45	1.20
09 29 00 00-0124	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.48	1.20
09 29 00 00-0125	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.62	1.20
09 29 00 00-0126	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.68	1.20
09 29 00 00-0127	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.73	1.20
09 29 00 00-0128	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.79	1.20
09 29 00 00-0129	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.88	1.20
09 29 00 00-0130	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.11	1.20
09 29 00 00-0131	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.31	1.20
09 29 00 00-0132	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.92	1.20
09 29 00 00-0133	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.09	1.20
09 29 00 00-0134	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	4.69	1.20
09 29 00 00-0135	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	4.79	1.20
09 29 00 00-0136	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	5.14	1.20
09 29 00 00-0137	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	5.17	1.20
09 29 00 00-0138	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	5.67	1.20
09 29 00 00-0139	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	4.93	1.20
09 29 00 00-0140		'V' Groove Wall Reveals For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0141	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	4.49	1.65
09 29 00 00-0142	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	5.20	1.84
09 29 00 00-0143	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	5.95	2.20
09 29 00 00-0144	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	6.25	2.38
09 29 00 00-0145		Double Fin Wall Reveals For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0146	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.65	1.11
09 29 00 00-0147	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.68	1.11
09 29 00 00-0148	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.70	1.11
09 29 00 00-0149	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.70	1.11
09 29 00 00-0150	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.82	1.11
09 29 00 00-0151	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.87	1.09
09 29 00 00-0152	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.92	1.11
09 29 00 00-0153	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.04	1.11
09 29 00 00-0154	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.23	1.11
09 29 00 00-0155	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.43	1.11
09 29 00 00-0156	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.90	1.20
09 29 00 00-0157	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.92	1.20
09 29 00 00-0158	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.97	1.20
09 29 00 00-0159	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.09	1.20
09 29 00 00-0160	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.14	1.20
09 29 00 00-0161	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.18	1.20
09 29 00 00-0162	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.31	1.20
09 29 00 00-0163	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.51	1.20
09 29 00 00-0164	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.71	1.20
09 29 00 00-0165	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.26	1.20
09 29 00 00-0166	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.41	1.20
09 29 00 00-0167	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.05	1.31
09 29 00 00-0168	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.03	1.60
09 29 00 00-0169	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.20	1.60
09 29 00 00-0170	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	5.40	1.09
09 29 00 00-0171	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	5.74	1.60
09 29 00 00-0172	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	4.07	1.09
09 29 00 00-0173		Special Conditions Reveals For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0174		Radius Conditions *(09 29 00 00-0173)*		
09 29 00 00-0175	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0176	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0177	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	31.92	
09 29 00 00-0178		Knee Brace Kit *(09 29 00 00-0173)*		
09 29 00 00-0179	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	84.24	11.48
09 29 00 00-0180		Wall Bumper Rail *(09 29 00 00-0173)*		
09 29 00 00-0181	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	15.56	4.59
09 29 00 00-0182		Corners For Gypsum Board *(09 29 00 00-0077)*		
09 29 00 00-0183	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	3.49	1.11
09 29 00 00-0184	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	3.74	1.20
09 29 00 00-0185	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	4.05	1.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 00 00-0186	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	4.40	1.31
09 29 00 00-0187	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.36	1.60
09 29 00 00-0188	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.14	1.79
09 29 00 00-0189	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.29	2.05
09 29 00 00-0190	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.74	2.39
09 29 00 00-0191	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	11.86	3.19
09 29 00 00-0192	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	3.42	1.07
09 29 00 00-0193	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	5.63	1.44
09 29 00 00-0194	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	4.57	1.44
09 29 00 00-0195	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	6.75	1.44
09 29 00 00-0196	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	9.28	1.79
09 29 00 00-0197	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	9.00	1.79
09 29 00 00-0198	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	3.63	1.25
09 29 00 00-0199	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	3.58	1.20
09 29 00 00-0200	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	3.47	1.11
09 29 00 00-0201	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	3.69	1.20
09 29 00 00-0202	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	4.57	1.31
09 29 00 00-0203	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	3.97	1.11
09 29 00 00-0204	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	4.23	1.20
09 29 00 00-0205	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	5.61	1.31
09 29 00 00-0206	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	5.76	1.11
09 29 00 00-0207	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	10.54	2.39
09 29 00 00-0208	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	11.05	2.39
09 29 00 00-0209	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	19.87	3.98
09 29 00 00-0210	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	31.73	5.65
09 29 00 00-0211	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	4.06	1.23
09 29 00 00-0212	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	4.48	1.29
09 29 00 00-0213	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	5.42	1.57
09 29 00 00-0214	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	6.45	1.77
09 29 00 00-0215	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	8.50	2.02
09 29 00 00-0216	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.42	2.35
09 29 00 00-0217	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	11.30	3.15
09 29 00 00-0218	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	7.66	2.35
09 29 00 00-0219	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	7.73	2.35
09 29 00 00-0220	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	8.14	2.35
09 29 00 00-0221	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	8.26	2.35

09 30 Tiling *(09)*

Note: All tiles are standard comercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	Less Than 8" x 8" Mounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	9.03	2.46
		For Up To 50, Add	*5.95*	
		For >50 To 250, Add	*0.98*	
		For >1,000, Deduct	*-0.49*	
		For Epoxy Grout, Add	*1.02*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0003	SF	8" x 8" And Larger Unmounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	10.25	1.53
		For Up To 50, Add	*7.17*	
		For >50 To 250, Add	*1.23*	
		For >1,000, Deduct	*-0.61*	
		For Epoxy Grout, Add	*1.20*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0004	SF	Less than 8" x 8" Mounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	10.07	2.98
		For Up To 50, Add	*6.99*	
		For >50 To 250, Add	*1.19*	
		For >1,000, Deduct	*-0.60*	
		For Epoxy Grout, Add	*1.17*	
09 30 13 00-0005	SF	8" x 8" And Larger Unmounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	11.64	1.89
		For Up To 50, Add	*8.56*	
		For >50 To 250, Add	*1.51*	
		For >1,000, Deduct	*-0.75*	
		For Epoxy Grout, Add	*1.41*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	14.44	5.17
		For Up To 50, Add	*11.36*	
		For >50 To 250, Add	*2.07*	
		For >1,000, Deduct	*-1.03*	
		For Chemical Resistant Epoxy Grout, Add	*1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceiling Tile	16.51	3.10
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*13.43*	
		For >50 To 250, Add	*2.48*	
		For >1,000, Deduct	*-1.24*	
		For Chemical Resistant Epoxy Grout, Add	*2.16*	
09 30 13 00-0008	LF	4-1/4" To 4-1/2" High Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim	12.71	2.15
		For Chemical Resistant Epoxy Grout, Add	*1.49*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile	8.74	1.73
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*7.35*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For Epoxy Grout, Add	*1.31*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	14.49	1.73
		For Up To 50, Add	*8.78*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For Epoxy Grout, Add	*1.31*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	10.12	2.05
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*8.73*	
		For >50 To 250, Add	*1.65*	
		For >1,000, Deduct	*-0.83*	
		For Epoxy Grout, Add	*1.52*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	15.87	2.05
		For Up To 50, Add	*10.16*	
		For >50 To 250, Add	*1.65*	
		For >1,000, Deduct	*-0.83*	
		For Epoxy Grout, Add	*1.52*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	12.00	2.28
		For Chemical Resistant Epoxy Grout, Add	*1.56*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	21.43	2.28
		For Chemical Resistant Epoxy Grout, Add	*1.56*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 00 00-0001	SF	Thin Set - Latex Portland Cement Mortar	1.41	0.82
		For Up To 50, Add	*1.28*	
		For >50 To 250, Add	*0.25*	
		For >1,000, Deduct	*-0.12*	
09 31 00 00-0002	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.78	
		For Up To 50, Add	*0.78*	
		For >50 To 250, Add	*0.16*	
		For >1,000, Deduct	*-0.08*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 00 00-0001	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed	3.35	1.64
		Note: For residential floors. Includes 15# felt and wire reinforcement.		
		For Up To 50, Add	*2.68*	
		For >50 To 250, Add	*0.49*	
		For >1,000, Deduct	*-0.25*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 00 00-0002	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	4.64	2.19
		Note: For commercial floors. Includes 15# felt and wire reinforcement.		
		For Up To 50, Add	*3.62*	
		For >50 To 250, Add	*0.66*	
		For >1,000, Deduct	*-0.33*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 00 00-0003	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	11.01	4.92
		Note: Includes 15# felt and expanded metal lath.		
		For Up To 50, Add	*10.13*	
		For >50 To 250, Add	*1.97*	
		For >1,000, Deduct	*-0.98*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-1.95*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001		Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*		
09 34 00 00-0002		Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*		
		Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.		
09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	829.40	
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	944.37	
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,374.22	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0006		**Prefabricated Polystyrene Shower Curbs And Ramps** *(09 34 00 00-0001)*		
		Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.		
09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	101.03	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	94.37	
09 34 00 00-0009		**Prefabricated Polystyrene Shower Benches** *(09 34 00 00-0001)*		
		Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	188.23	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	369.88	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	454.64	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	333.55	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	369.88	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	394.09	
09 34 00 00-0016		**Prefabricated Polystyrene Shower Tray** *(09 34 00 00-0001)*		
		Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	167.63	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	167.63	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	252.40	
09 34 00 00-0020		**Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA)** *(09 34 00 00-0001)*		
09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	3.08	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	3.50	
09 34 00 00-0023		**Bonded Waterproof Underlayment Membranes (Schluter® KERDI)** *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	2.76	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 00 00-0001	SF	Thin Set - Epoxy Mortar	3.58	1.07
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*2.13*	
		For >50 To 250, Add	*0.33*	
		For >1,000, Deduct	*-0.16*	

09 39 Tiling Transitions And Accessories *(09 30)*

09 39 00 00-0001		**Tile Substrate (Schluter® KERDI BOARD)** *(09 39)*		
09 39 00 00-0002	LF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	5.42	0.64
09 39 00 00-0003	LF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	6.09	0.73
09 39 00 00-0004		**Floor Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0005	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.63	
09 39 00 00-0006	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.69	
09 39 00 00-0007	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.76	
09 39 00 00-0008	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.87	
09 39 00 00-0009	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.32	
09 39 00 00-0010	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.41	
09 39 00 00-0011	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.47	
09 39 00 00-0012	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.54	
09 39 00 00-0013	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	2.73	
09 39 00 00-0014	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	3.54	
09 39 00 00-0015	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.33	
09 39 00 00-0016	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.48	
09 39 00 00-0017	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.62	
09 39 00 00-0018	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	4.26	
09 39 00 00-0019	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.43	
09 39 00 00-0020	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.57	
09 39 00 00-0021	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	4.22	
09 39 00 00-0022		**Outside Wall Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0023	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	3.41	
09 39 00 00-0024	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	3.56	
09 39 00 00-0025	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	3.79	
09 39 00 00-0026	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	4.02	
09 39 00 00-0027	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	3.72	
09 39 00 00-0028	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.01	
09 39 00 00-0029	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.29	
09 39 00 00-0030	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

09 51 13 00-0003	SF	2' x 2' x 5/8" Fiberglass Acoustical Ceiling Panel	2.23	0.46
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.56*	
		For Up To 50, Add	*0.75*	
		For >50 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.16*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.15*	
		For Individual Room Quantities <495, Add	*0.22*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*0.65*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0004	SF	2' x 4' x 5/8" Fiberglass Acoustical Ceiling Panel	2.20	0.46
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.55*	
		For Up To 50, Add	*0.74*	
		For >50 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.16*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.15*	
		For Individual Room Quantities <495, Add	*0.21*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*0.65*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0005	SF	2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel	4.63	0.46
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.56*	
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.34*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*1.97*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0006	SF	2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel	4.63	0.46
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.56*	
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.34*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Black Ceiling Tiles, Add	*1.97*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0007	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel	4.94	0.55
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.56*	
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.35*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0008	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel	4.94	0.55
		For Recessed Edge, Add	*0.35*	
		For Fire Rated Panels, Add	*0.56*	
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.35*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.08*	

09 51 13 00-0009 Glass Cloth Faced Fiberglass Panels *(09 51 13 00-0001)*

09 51 13 00-0010	SF	3/4" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	3.49	0.55
		For Fire Rated Panels, Add	*0.61*	
		For Up To 50, Add	*1.05*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0011	SF	1" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	3.76	0.55
		For Fire Rated Panels, Add	*0.61*	
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.23*	
		For Individual Room Quantities <495, Add	*0.32*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0012	SF	1-1/2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	5.24	0.91
		For Fire Rated Panels, Add	*0.69*	
		For Up To 50, Add	*1.47*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.43*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0013	SF	2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels	6.55	0.91
		For Fire Rated Panels, Add	*0.69*	
		For Up To 50, Add	*1.67*	
		For >50 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.37*	
		For Individual Room Quantities <495, Add	*0.50*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Ceilings >10' High, Add	*0.13*	

09 51 13 00-0014 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0015 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0014)*

09 51 13 00-0016	SF	1' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.65	0.55
		For Vinyl Faced Panels, Add	*1.15*	
		For Fire Rated Panels, Add	*0.58*	
		For Moisture Resistant Panels, Add	*1.15*	
		For Up To 50, Add	*0.86*	
		For >50 To 200, Add	*0.50*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.18*	
		For Individual Room Quantities <495, Add	*0.25*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.19*	
		For Integrated Wood Trim, Add	*7.76*	
		For Vertical Application, Add	*0.52*	
		For Single Angled Tegular Edge (Reveal), Add	*0.79*	
		For Ceilings >10' High, Add	*0.09*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0017	SF	2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.84	0.55
		For Vinyl Faced Panels, Add	*1.12*	
		For Fire Rated Panels, Add	*0.56*	
		For Vinyl-Coated Aluminum Foil Surfaced, Add	*1.18*	
		For Moisture Resistant Panels, Add	*1.12*	
		For Up To 50, Add	*0.70*	
		For >50 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.14*	
		For Individual Room Quantities <495, Add	*0.20*	
		Note: For use with projects >500 SF		
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.10*	
		For Integrated Wood Trim, Add	*7.69*	
		For Vertical Application, Add	*0.47*	
		For Single Angled Tegular Edge (Reveal), Add	*0.46*	
		For Black Ceiling Tiles, Add	*0.43*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0018	SF	2' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.78	0.55
		For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	*0.43*	
		For Vinyl Faced Panels, Add	*1.12*	
		For Fire Rated Panels, Add	*0.56*	
		For Moisture Resistant Panels, Add	*1.12*	
		For Up To 50, Add	*0.84*	
		For >50 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.17*	
		For Individual Room Quantities <495, Add	*0.24*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*7.94*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.22*	
		For Vertical Application, Add	*0.47*	
		For Single Angled Tegular Edge (Reveal), Add	*0.88*	
		For Scored Acoustical Tile, Add	*0.25*	
		For Black Ceiling Tiles, Add	*0.95*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0019	SF	2' x 4' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.81	0.55
		For Vinyl Faced Panels, Add	*1.11*	
		For Fire Rated Panels, Add	*0.55*	
		For Vinyl-Coated Aluminum Foil Surfaced, Add	*1.18*	
		For Moisture Resistant Panels, Add	*1.11*	
		For Up To 50, Add	*0.68*	
		For >50 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.13*	
		For Individual Room Quantities <495, Add	*0.19*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.17*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.10*	
		For Vertical Application, Add	*0.46*	
		For Single Angled Tegular Edge (Reveal), Add	*0.46*	
		For Black Ceiling Tiles, Add	*0.43*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0020	SF	2' x 4' x 3/4" Mineral Fiber Acoustical Ceiling Panels	2.75	0.55
		For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	*0.43*	
		For Vinyl Faced Panels, Add	*1.11*	
		For Fire Rated Panels, Add	*0.55*	
		For Moisture Resistant Panels, Add	*1.11*	
		For Up To 50, Add	*0.82*	
		For >50 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.17*	
		For Individual Room Quantities <495, Add	*0.24*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.42*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.22*	
		For Vertical Application, Add	*0.46*	
		For Single Angled Tegular Edge (Reveal), Add	*0.88*	
		For Scored Acoustical Tile, Add	*0.25*	
		For Black Ceiling Tiles, Add	*0.95*	
		For Ceilings >10' High, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0021	SF	2' x 5' x 5/8" Mineral Fiber Acoustical Ceiling Panels	1.79	0.55
		For Vinyl Faced Panels, Add	*1.10*	
		For Fire Rated Panels, Add	*0.55*	
		For Moisture Resistant Panels, Add	*1.10*	
		For Up To 50, Add	*0.67*	
		For >50 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.13*	
		For Individual Room Quantities <495, Add	*0.19*	
		Note: For use with projects >500 SF		
		For Integrated Wood Trim, Add	*9.41*	
		For Acid Resistive, Add	*2.50*	
		For Rough Texture, Add	*0.10*	
		For Vertical Application, Add	*0.45*	
		For Single Angled Tegular Edge (Reveal), Add	*0.46*	
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0022		Wood Fiber Panels *(09 51 13)*		
09 51 13 00-0023	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	3.51	0.73
		For Up To 50, Add	*1.18*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.34*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0024	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	3.34	0.64
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.22*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0025	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	4.35	0.73
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.30*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.38*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0026	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	4.18	0.64
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.36*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0027	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	5.16	0.73
		For Up To 50, Add	*1.43*	
		For >50 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.42*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0028	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	4.99	0.64
		For Up To 50, Add	*1.34*	
		For >50 To 200, Add	*0.79*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.40*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0029	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	4.01	0.73
		For Up To 50, Add	*1.26*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.36*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0030	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	3.84	0.64
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.34*	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	*0.05*	
		For Sculptured, 3 Dimensional, Add	*0.10*	
		For Ceilings >10' High, Add	*0.11*	

09 51 13 00-0031 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0032	SF	Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	1.35	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0033	SF	Removal And Reinstallation Of Acoustical Panels Only	0.88	
		For Ceilings >10' High, Add	*0.07*	
09 51 13 00-0034	SF	Removal And Reinstallation Of Grid System Only	0.82	
		For Ceilings >10' High, Add	*0.06*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	3.94	1.01
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.51*	
		For >50 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.31*	
		For >2,500, Deduct	*-0.20*	
		For Ceilings >10' High, Add	*0.17*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	4.56	1.01
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.34*	
		For >2,500, Deduct	*-0.23*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.25*	
		For Ceilings >10' High, Add	*0.17*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	5.05	1.01
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.67*	
		For >50 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.37*	
		For >2,500, Deduct	*-0.25*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.25*	
		For Ceilings >10' High, Add	*0.17*	

09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	3.68	1.01
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.47*	
		For >50 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.30*	
		For >2,500, Deduct	*-0.18*	
		For Ceilings >10' High, Add	*0.17*	

09 51 33 Acoustical Metal Pan Ceilings *(09 51)*

09 51 33 13 Acoustical Snap-in Metal Pan Ceilings *(09 51 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0001		**Metal Pan Units, 24 GA Steel** *(09 51 33 13)* Note: Excludes pads.		
09 51 33 13-0002	SF	12" x 12" - 24 Gauge, Acoustical Metal Pan Units	16.31	1.20
		For Up To 50, Add	*3.49*	
		For >50 To 200, Add	*2.16*	
		For >200 To 500, Add	*0.95*	
		For >2,500, Deduct	*-0.82*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0003	SF	12" x 24" - 24 Gauge, Acoustical Metal Pan Units	17.30	1.20
		For Up To 50, Add	*3.64*	
		For >50 To 200, Add	*2.25*	
		For >200 To 500, Add	*1.00*	
		For >2,500, Deduct	*-0.87*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0004	SF	12" x 12" - 0.025" Thick, Acoustical Aluminum Pan	9.68	1.20
		For Up To 50, Add	*2.50*	
		For >50 To 200, Add	*1.49*	
		For >200 To 500, Add	*0.62*	
		For >2,500, Deduct	*-0.48*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0005	SF	12" x 24" - 0.025" Thick, Acoustical Aluminum Pan	10.41	1.20
		For Up To 50, Add	*2.61*	
		For >50 To 200, Add	*1.57*	
		For >200 To 500, Add	*0.65*	
		For >2,500, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0006	SF	12" x 12" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	13.95	1.20
		For Up To 50, Add	*3.14*	
		For >50 To 200, Add	*1.92*	
		For >200 To 500, Add	*0.83*	
		For >2,500, Deduct	*-0.70*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0007	SF	12" x 24" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units	10.23	1.20
		For Up To 50, Add	*2.58*	
		For >50 To 200, Add	*1.55*	
		For >200 To 500, Add	*0.64*	
		For >2,500, Deduct	*-0.51*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0008	SF	12" x 12" - 24 Gauge, Stainless Steel Acoustical Pan Units	34.78	1.20
		For Up To 50, Add	*6.27*	
		For >50 To 200, Add	*4.00*	
		For >200 To 500, Add	*1.87*	
		For >2,500, Deduct	*-1.74*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0009	SF	12" x 24" - 24 Gauge, Stainless Steel Acoustical Pan Units	19.76	1.20
		For Up To 50, Add	*4.01*	
		For >50 To 200, Add	*2.50*	
		For >200 To 500, Add	*1.12*	
		For >2,500, Deduct	*-0.99*	
		For Ceilings >10' High, Add	*0.20*	
09 51 33 13-0010		**Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0011	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	12.47	0.80
09 51 33 13-0012	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	13.31	0.80
09 51 33 13-0013		**Aluminum, Acoustical Snap-In Metal Ceiling Panels** *(09 51 33 13)*		
09 51 33 13-0014	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.48	0.91
09 51 33 13-0015	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.72	0.91
09 51 33 13-0016	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.27	0.91
09 51 33 13-0017	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.99	0.91
09 51 33 13-0018	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.98	0.91
09 51 33 13-0019	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.33	0.91
09 51 33 13-0020	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.04	0.91
09 51 33 13-0021	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.88	0.91
09 51 33 13-0022	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.71	0.91
09 51 33 13-0023	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.56	0.91
09 51 33 13-0024	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.33	0.91
09 51 33 13-0025	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.39	0.91
09 51 33 13-0026	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.43	0.91
09 51 33 13-0027	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.95	0.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0028	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	34.45	0.91
09 51 33 13-0029	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.78	0.91
09 51 33 13-0030	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.54	0.91
09 51 33 13-0031	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.56	0.91
09 51 33 13-0032	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.61	0.91
09 51 33 13-0033	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.00	0.91
09 51 33 13-0034	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.37	0.91
09 51 33 13-0035	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.78	0.91
09 51 33 13-0036	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.78	0.91
09 51 33 13-0037	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.50	0.91
09 51 33 13-0038	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.24	0.91
09 51 33 13-0039	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.92	0.91
09 51 33 13-0040	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.42	0.91
09 51 33 13-0041	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.26	0.91
09 51 33 13-0042	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.80	0.91
09 51 33 13-0043	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.81	0.91
09 51 33 13-0044	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.47	0.91
09 51 33 13-0045	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.26	0.91

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	9.74	0.68
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	11.00	0.68
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.01	0.68
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	13.64	0.68
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.62	0.68
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.84	0.68
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.40	0.68
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.79	0.68
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.48	0.68
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.89	0.68
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.55	0.68
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.82	0.68
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.55	0.68
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.96	0.68

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	12.48	0.68
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	14.82	0.68
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	15.88	0.68
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	14.94	0.68
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	15.33	0.68
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	16.22	0.68

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.19	0.68
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.31	0.68
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.43	0.68
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.42	0.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.76	0.68
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.72	0.68

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from structural steel, wood or metal deck, wood members or concrete deck above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	12" x 12" Ceiling Tile Size, Concealed 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	4.05	0.46
		For Vertical Application, Add	*2.46*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.48*	
		For Compression Struts With Splay Wires, Add	*0.45*	
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.26*	
		For Ceilings >10' High, Add	*0.21*	
09 53 23 00-0003	SF	1' x 2' Grid, 15/16" T Bar Ceiling Suspension System	3.32	0.46
		For UL Listed (Fire Guard), Add	*0.13*	
		For 1-1/2" Wide Faced Grid, Add	*0.25*	
		For Vertical Application, Add	*2.13*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.22*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.41*	
		For Aluminum T-Bar System, Add	*0.40*	
		For Compression Struts With Splay Wires, Add	*0.37*	
		For Up To 50, Add	*1.47*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.22*	
		For Ceilings >10' High, Add	*0.18*	
09 53 23 00-0004	SF	2' x 2' Grid, 15/16" T Bar Ceiling Suspension System	2.74	0.46
		For UL Listed (Fire Guard), Add	*0.09*	
		For 1-1/2" Wide Faced Grid, Add	*0.18*	
		For Vertical Application, Add	*1.85*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.16*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.35*	
		For Aluminum T-Bar System, Add	*0.28*	
		For Compression Struts With Splay Wires, Add	*0.30*	
		For Up To 50, Add	*1.26*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.18*	
		For Black Grid, Add	*0.08*	
		For Ceilings >10' High, Add	*0.16*	
		For Concealed Spline Grid, Add	*0.37*	
09 53 23 00-0005	SF	2' x 4' Grid, 15/16" T Bar Ceiling Suspension System	2.33	0.46
		For UL Listed (Fire Guard), Add	*0.07*	
		For 1-1/2" Wide Faced Grid, Add	*0.14*	
		For Vertical Application, Add	*1.84*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.12*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.30*	
		For Aluminum T-Bar System, Add	*0.22*	
		For Compression Struts With Splay Wires, Add	*0.25*	
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.16*	
		For Black Grid, Add	*0.06*	
		For Ceilings >10' High, Add	*0.14*	
		For Concealed Spline Grid, Add	*0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0006	SF	2' x 5' Grid, 15/16" T Bar Ceiling Suspension System	2.22	0.46
		For UL Listed (Fire Guard), Add	*0.08*	
		For 1-1/2" Wide Faced Grid, Add	*0.15*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.14*	
		For Individual Room Quantities <495, Add	*0.28*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.25*	
		For Compression Struts With Splay Wires, Add	*0.24*	
		For Up To 50, Add	*1.00*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.15*	
		For Ceilings >10' High, Add	*0.13*	
09 53 23 00-0007	SF	2', 15/16" Suspended Ceiling Cross Tee	0.66	0.26
		Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
		For 1-1/2" Wide Faced Grid, Add	*0.04*	
		For Vertical Application, Add	*0.53*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.03*	
		For Individual Room Quantities <495, Add	*0.09*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.06*	
		For Up To 50, Add	*0.31*	
		For >50 To 200, Add	*0.17*	
		For >200 To 500, Add	*0.06*	
		For >2,500 To 4,000, Deduct	*-0.02*	
		For >4,000 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.04*	
		For Ceilings >10' High, Add	*0.04*	

09 53 23 00-0008 Ceiling Suspension System Accessories *(09 53 23)*

09 53 23 00-0009	LF	For Pencil Rod Support With Accessories And Attachments (Seismic Control Or Where Required)	0.97	
09 53 23 00-0010	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	2.32	1.29
		For 304 Stainless Steel, Add	*1.11*	
		For 316 Stainless Steel, Add	*1.25*	
		For Aluminum, Add	*0.07*	
		For Galvanized Steel, Add	*0.24*	
09 53 23 00-0011	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	3.28	1.38
		For Galvanized Steel, Add	*0.37*	
		For 304 Stainless Steel, Add	*1.71*	
		For 316 Stainless Steel, Add	*1.92*	
		For Aluminum, Add	*0.11*	
		For Galvanized Steel, Add	*0.37*	
09 53 23 00-0012	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	4.22	1.47
		For Galvanized Steel, Add	*0.74*	
		For 304 Stainless Steel, Add	*3.39*	
		For 316 Stainless Steel, Add	*3.81*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.74*	

09 54 Specialty Ceilings *(09 50)*

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	12.35	1.87
		For Up To 50, Add	*3.65*	
		For >50 To 200, Add	*2.13*	
		For >200 To 500, Add	*0.84*	
		For >2,500, Deduct	*-0.62*	
		For Ceilings >10' High, Add	*0.34*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.95*	
		For Curved Ceilings, Add	*1.12*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	10.24	1.87
		For Up To 50, Add	*3.30*	
		For >50 To 200, Add	*1.90*	
		For >200 To 500, Add	*0.73*	
		For >2,500, Deduct	*-0.51*	
		For Ceilings >10' High, Add	*0.33*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-0.96*	
		For Curved Ceilings, Add	*1.10*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	9.41	1.87
		For Up To 50, Add	*3.14*	
		For >50 To 200, Add	*1.80*	
		For >200 To 500, Add	*0.69*	
		For >2,500, Deduct	*-0.47*	
		For Ceilings >10' High, Add	*0.32*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-0.65*	
		For Curved Ceilings, Add	*1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0006		Tin Ceilings *(09 54 23)*		
09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	12.54	2.90
		For Up To 50, Add	*3.28*	
		For >50 To 200, Add	*1.95*	
		For >200 To 500, Add	*0.80*	
		For >2,500, Deduct	*-0.63*	
		For Ceilings >10' High, Add	*0.26*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	18.10	1.87
		For Up To 50, Add	*4.19*	
		For >50 To 200, Add	*2.55*	
		For >200 To 500, Add	*1.09*	
		For >2,500, Deduct	*-0.91*	
		For Ceilings >10' High, Add	*0.28*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	13.52	1.87
		For Up To 50, Add	*3.50*	
		For >50 To 200, Add	*2.09*	
		For >200 To 500, Add	*0.86*	
		For >2,500, Deduct	*-0.68*	
		For Ceilings >10' High, Add	*0.28*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	12.41	1.87
		For Up To 50, Add	*3.22*	
		For >50 To 200, Add	*1.92*	
		For >200 To 500, Add	*0.79*	
		For >2,500, Deduct	*-0.62*	
		For Ceilings >10' High, Add	*0.26*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	10.83	1.40
		For Up To 50, Add	*2.81*	
		For >50 To 200, Add	*1.68*	
		For >200 To 500, Add	*0.69*	
		For >2,500, Deduct	*-0.54*	
		For Ceilings >10' High, Add	*0.22*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	9.45	2.81
		For Ceilings >10' High, Add	*0.41*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	11.59	3.27
		For Ceilings >10' High, Add	*0.46*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	15.40	3.83
		For Ceilings >10' High, Add	*0.58*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	27.83	8.89
		For Ceilings >10' High, Add	*1.30*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	37.61	10.39
		For Ceilings >10' High, Add	*1.56*	

09 57 Special Function Ceilings *(09 50)*

09 57 00 00-0001		High Impact Ceiling Systems *(09 57)*		
09 57 00 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	4.50	0.91
		For Ceilings >10' High, Add	*0.11*	
09 57 00 00-0003	SF	High Impact Clips	1.94	0.73
		For Ceilings >10' High, Add	*0.09*	

09 60 Flooring *(09)*

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001		Anti-Slip Tape *(09 61 13)* Note: Grit sandpaper surface with adhesive back.		
09 61 13 00-0002	LF	1" Anti-Slip Tape	2.24	1.84
09 61 13 00-0003	LF	2" Anti-Slip Tape	2.72	2.02
09 61 13 00-0004	LF	3" Anti-Slip Tape	3.21	2.22
09 61 13 00-0005	LF	4" Anti-Slip Tape	3.68	2.44
09 61 13 00-0006	LF	6" Anti-Slip Tape	4.56	2.69
09 61 13 00-0007	LF	12" Anti-Slip Tape	7.75	4.03
09 61 13 00-0008	LF	24" Anti-Slip Tape	11.09	6.05

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001		Clay Bricks *(09 63 13)*		
09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	21.68	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	24.17	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	14.68	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	16.93	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	15.69	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	18.68	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	16.66	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	20.46	8.18
		For Basket Weave Pattern, Add	*1.75*	
		For Herringbone Pattern, Add	*2.33*	
		For Epoxy Joints, Add	*4.64*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)*

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	12.42	4.72

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.42
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.42
09 64 13 00-0004	SF	30 LB, Waxed Paper, Wood Flooring Underlayment	0.43
09 64 13 00-0005	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.45
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.45
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.46
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	1.47
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	1.52
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.61
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	0.72
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	0.77
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	0.90
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	0.91

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	Oak Parquet Flooring 5/16" Thick	10.38	0.91
		For Up To 20, Add	*4.14*	
		For >20 To 50, Add	*2.19*	
		For >50 To 100, Add	*1.09*	
		For >100 To 300, Add	*0.55*	

09 64 29 Wood Strip And Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	8.99	0.91
		For Factory Finish, Add	*0.49*	
		For Random Width Floor, Add	*2.04*	
		For Up To 20, Add	*3.21*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.86*	
		For >100 To 300, Add	*0.43*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	7.94	0.91
		For Factory Finish, Add	*0.25*	
		For Random Width Floor, Add	*1.72*	
		For Up To 20, Add	*3.62*	
		For >20 To 50, Add	*1.87*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	8.27	0.91
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.80*	
		For Up To 20, Add	*3.67*	
		For >20 To 50, Add	*1.91*	
		For >50 To 100, Add	*0.95*	
		For >100 To 300, Add	*0.48*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	8.76	0.91
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.92*	
		For Up To 20, Add	*3.74*	
		For >20 To 50, Add	*1.96*	
		For >50 To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	6.78	0.91
		For Factory Finish, Add	*0.27*	
		For Random Width Floor, Add	*1.49*	
		For Up To 20, Add	*2.88*	
		For >20 To 50, Add	*1.50*	
		For >50 To 100, Add	*0.75*	
		For >100 To 300, Add	*0.38*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	7.04	0.91
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.55*	
		For Up To 20, Add	*2.91*	
		For >20 To 50, Add	*1.53*	
		For >50 To 100, Add	*0.77*	
		For >100 To 300, Add	*0.38*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	7.55	0.91
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.68*	
		For Up To 20, Add	*2.99*	
		For >20 To 50, Add	*1.58*	
		For >50 To 100, Add	*0.79*	
		For >100 To 300, Add	*0.40*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	7.99	0.91
		For Factory Finish, Add	*0.26*	
		For Random Width Floor, Add	*1.73*	
		For Up To 20, Add	*3.63*	
		For >20 To 50, Add	*1.88*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	8.32	0.91
		For Factory Finish, Add	*0.29*	
		For Random Width Floor, Add	*1.81*	
		For Up To 20, Add	*3.68*	
		For >20 To 50, Add	*1.91*	
		For >50 To 100, Add	*0.96*	
		For >100 To 300, Add	*0.48*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	8.82	0.91
		For Factory Finish, Add	*0.34*	
		For Random Width Floor, Add	*1.94*	
		For Up To 20, Add	*3.75*	
		For >20 To 50, Add	*1.96*	
		For >50 To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	6.83	0.91
		For Factory Finish, Add	*0.27*	
		For Random Width Floor, Add	*1.50*	
		For Up To 20, Add	*2.88*	
		For >20 To 50, Add	*1.51*	
		For >50 To 100, Add	*0.75*	
		For >100 To 300, Add	*0.38*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	7.16	0.91
		For Factory Finish, Add	*0.30*	
		For Random Width Floor, Add	*1.58*	
		For Up To 20, Add	*2.93*	
		For >20 To 50, Add	*1.54*	
		For >50 To 100, Add	*0.77*	
		For >100 To 300, Add	*0.39*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	7.61	0.91
		For Factory Finish, Add	*0.35*	
		For Random Width Floor, Add	*1.70*	
		For Up To 20, Add	*3.00*	
		For >20 To 50, Add	*1.59*	
		For >50 To 100, Add	*0.79*	
		For >100 To 300, Add	*0.40*	

09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	9.21	0.91
		For Factory Finish, Add	*0.38*	
		For Random Width Floor, Add	*2.03*	
		For Up To 20, Add	*3.81*	
		For >20 To 50, Add	*2.00*	
		For >50 To 100, Add	*1.00*	
		For >100 To 300, Add	*0.50*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	8.65	0.91
		For Factory Finish, Add	*0.33*	
		For Random Width Floor, Add	*1.89*	
		For Up To 20, Add	*3.73*	
		For >20 To 50, Add	*1.95*	
		For >50 To 100, Add	*0.97*	
		For >100 To 300, Add	*0.49*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	8.16	0.91
		For Factory Finish, Add	*0.40*	
		For Random Width Floor, Add	*1.83*	
		For Up To 20, Add	*3.08*	
		For >20 To 50, Add	*1.64*	
		For >50 To 100, Add	*0.82*	
		For >100 To 300, Add	*0.41*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	7.61	0.91
		For Factory Finish, Add	*0.35*	
		For Random Width Floor, Add	*1.70*	
		For Up To 20, Add	*3.00*	
		For >20 To 50, Add	*1.59*	
		For >50 To 100, Add	*0.79*	
		For >100 To 300, Add	*0.40*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	10.40	0.91
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.33*	
		For Up To 20, Add	*3.99*	
		For >20 To 50, Add	*2.12*	
		For >50 To 100, Add	*1.06*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	9.66	0.91
		For Factory Finish, Add	*0.43*	
		For Random Width Floor, Add	*2.15*	
		For Up To 20, Add	*3.88*	
		For >20 To 50, Add	*2.05*	
		For >50 To 100, Add	*1.02*	
		For >100 To 300, Add	*0.51*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	9.42	0.91
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.15*	
		For Up To 20, Add	*3.27*	
		For >20 To 50, Add	*1.77*	
		For >50 To 100, Add	*0.88*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	8.69	0.91
		For Factory Finish, Add	*0.46*	
		For Random Width Floor, Add	*1.97*	
		For Up To 20, Add	*3.16*	
		For >20 To 50, Add	*1.70*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.42*	

09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	10.10	0.91
		For Up To 20, Add	*3.14*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.87*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	10.10	0.91
		For Up To 20, Add	*3.14*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.87*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	9.82	0.91
		For Up To 20, Add	*3.09*	
		For >20 To 50, Add	*1.70*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	10.03	0.91
		For Up To 20, Add	*3.12*	
		For >20 To 50, Add	*1.72*	
		For >50 To 100, Add	*0.86*	
		For >100 To 300, Add	*0.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 64 66 Wood Athletic Flooring *(09 64)*

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors *(09 64 66)*

Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	11.32	4.59
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	14.96	5.97
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0004	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.	15.66	5.97
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.	17.06	5.97
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus) Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.	16.40	5.97
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.	18.89	5.97
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base And Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Vinyl Plastic Wall Base *(09 65 13 13)*

Note: Includes inside and outside premolded corners.

09 65 13 13-0002	LF	4" High, 1/8" Vinyl Plastic Base, All Colors	3.27	1.24
		For Up To 20, Add	*1.49*	
		For >20 To 40, Add	*0.83*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 13-0003	LF	6" High, 1/8" Vinyl Plastic Base, All Colors	4.30	1.50
		For Up To 20, Add	*1.84*	
		For >20 To 40, Add	*1.03*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.28*	
		For >960, Deduct	*-0.42*	

09 65 13 13-0004 1/8" Thick Rubber Wall Base *(09 65 13 13)*

09 65 13 13-0005	LF	4" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	3.75	1.50
		For Up To 20, Add	*1.89*	
		For >20 To 40, Add	*1.04*	
		For >40 To 100, Add	*0.35*	
09 65 13 13-0006	LF	6" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	3.94	1.50
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.06*	
		For >40 To 100, Add	*0.36*	
09 65 13 13-0007	LF	4" High, 1/8" Rubber Base, Group 2 All (Except White)	3.82	1.50
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.04*	
		For >40 To 100, Add	*0.36*	
09 65 13 13-0008	LF	6" High, 1/8" Rubber Base, Group 2 All (Except White)	4.08	1.50
		For Up To 20, Add	*1.94*	
		For >20 To 40, Add	*1.07*	
		For >40 To 100, Add	*0.37*	
09 65 13 13-0009	LF	4" High, 1/8" Rubber Base, Group 3 White Only	3.70	1.50
		For Up To 20, Add	*1.88*	
		For >20 To 40, Add	*1.03*	
		For >40 To 100, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0010	LF	6" High, 1/8" Rubber Base, Group 3 White Only	3.96	1.50
		For Up To 20, Add	*1.92*	
		For >20 To 40, Add	*1.06*	
		For >40 To 100, Add	*0.36*	
09 65 13 13-0011	EA	4" High, 1/8" Rubber Corner	4.30	1.50
09 65 13 13-0012	EA	6" High, 1/8" Rubber Corner	4.59	1.50

09 65 13 23 Resilient Stair Treads And Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.08	1.99
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	16.21	2.14
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	19.61	2.29
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.24	1.99
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.25	2.14
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.38	2.30
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.30	1.19

09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*

09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	16.30	1.84
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	19.25	1.99
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	20.86	2.24
		Note: Smooth, raised disc or other patterned surface.		

09 65 13 23-0016 Vinyl Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0017 Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*

09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	11.87	1.81
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	13.09	1.99
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	15.44	2.15
		For Abrasive Strip, Add	*2.75*	

09 65 13 23-0021 Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*

09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	6.78	1.19

09 65 13 23-0023 Rubber Stair Treads *(09 65 13 23)*

09 65 13 23-0024	LF	Stair Tread (Norament Grano)	21.60	2.14
09 65 13 23-0025	LF	Solid Stair Tread	19.74	2.14
09 65 13 23-0026	LF	Visibily Impaired (VI) Strip	6.79	2.14

09 65 13 33 Resilient Accessories *(09 65 13)*

09 65 13 33-0001 Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*

09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.54	0.99
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.27	0.99

09 65 13 33-0004 Concrete Floor Prep *(09 65 13 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.24	

09 65 13 36 Resilient Carpet Transitions *(09 65 13)*

09 65 13 36-0001 Vinyl Transition Strip *(09 65 13 36)*

09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	1.84	0.89
		For Up To 20, Add	*0.77*	
		For >20 To 40, Add	*0.43*	
		For >40 To 80, Add	*0.15*	
		For >240 To 960, Deduct	*-0.12*	
		For >960, Deduct	*-0.18*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	1.71	0.89
		For Up To 20, Add	*0.75*	
		For >20 To 40, Add	*0.42*	
		For >40 To 80, Add	*0.15*	
		For >240 To 960, Deduct	*-0.11*	
		For >960, Deduct	*-0.16*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.56	0.89
		For Up To 20, Add	*0.73*	
		For >20 To 40, Add	*0.40*	
		For >40 To 80, Add	*0.14*	
		For >240 To 960, Deduct	*-0.09*	
		For >960, Deduct	*-0.14*	

09 65 13 36-0005 Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*

09 65 13 36-0006	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.02	1.24
		For Up To 20, Add	*1.25*	
		For >20 To 40, Add	*0.70*	
		For >40 To 80, Add	*0.25*	
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.02	1.24
		For Up To 20, Add	*1.25*	
		For >20 To 40, Add	*0.70*	
		For >40 To 80, Add	*0.25*	
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0008	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	3.47	1.24
		For Up To 20, Add	*1.32*	
		For >20 To 40, Add	*0.75*	
		For >40 To 80, Add	*0.27*	
		For >240 To 960, Deduct	*-0.25*	
		For >960, Deduct	*-0.37*	
09 65 13 36-0009	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	5.09	1.24
		For Up To 20, Add	*1.56*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.61*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	5.10	1.24
		For Up To 20, Add	*1.56*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.62*	
09 65 13 36-0011	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	3.71	1.24
		For Up To 20, Add	*1.35*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.27*	
		For >960, Deduct	*-0.41*	
09 65 13 36-0012	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	4.99	1.24
		For Up To 20, Add	*1.54*	
		For >20 To 40, Add	*0.90*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.40*	
		For >960, Deduct	*-0.60*	
09 65 13 36-0013	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	5.13	1.24
		For Up To 20, Add	*1.57*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.62*	
09 65 13 36-0014	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	4.48	1.24
		For Up To 20, Add	*1.47*	
		For >20 To 40, Add	*0.85*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.35*	
		For >960, Deduct	*-0.52*	
09 65 13 36-0015	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	4.80	1.24
		For Up To 20, Add	*1.52*	
		For >20 To 40, Add	*0.88*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.38*	
		For >960, Deduct	*-0.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0016	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	5.13	1.24
		For Up To 20, Add	*1.57*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.62*	
09 65 13 36-0017	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	4.42	1.24
		For Up To 20, Add	*1.46*	
		For >20 To 40, Add	*0.84*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.34*	
		For >960, Deduct	*-0.51*	
09 65 13 36-0018	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	3.89	1.24
		For Up To 20, Add	*1.38*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.29*	
		For >960, Deduct	*-0.43*	
09 65 13 36-0019	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	5.24	1.24
		For Up To 20, Add	*1.58*	
		For >20 To 40, Add	*0.92*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.42*	
		For >960, Deduct	*-0.64*	
09 65 13 36-0020	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	6.47	1.24
		For Up To 20, Add	*1.77*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.55*	
		For >960, Deduct	*-0.82*	
09 65 13 36-0021	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	3.80	1.24
		For Up To 20, Add	*1.37*	
		For >20 To 40, Add	*0.78*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.28*	
		For >960, Deduct	*-0.42*	
09 65 13 36-0022	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	3.85	1.24
		For Up To 20, Add	*1.37*	
		For >20 To 40, Add	*0.78*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.29*	
		For >960, Deduct	*-0.43*	
09 65 13 36-0023	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	4.23	1.24
		For Up To 20, Add	*1.43*	
		For >20 To 40, Add	*0.82*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.49*	

09 65 16 Resilient Sheet Flooring *(09 65)*

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®)	6.49	0.74
		For Up To 40, Add	*3.29*	
		For >40 To 100, Add	*1.64*	
		For >1,000, Deduct	*-0.50*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™)	5.43	0.74
		For Up To 40, Add	*3.08*	
		For >40 To 100, Add	*1.54*	
		For >1,000, Deduct	*-0.39*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®)	3.78	0.74
		For Up To 40, Add	*2.75*	
		For >40 To 100, Add	*1.37*	
		For >1,000, Deduct	*-0.23*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™)	4.70	0.74
		For Up To 40, Add	*2.93*	
		For >40 To 100, Add	*1.46*	
		For >1,000, Deduct	*-0.32*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®)	6.07	0.74
		For Up To 40, Add	*3.20*	
		For >40 To 100, Add	*1.60*	
		For >1,000, Deduct	*-0.45*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®)	8.12	0.74
		For Up To 40, Add	*3.61*	
		For >40 To 100, Add	*1.81*	
		For >1,000, Deduct	*-0.66*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0008			Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*		
			Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 16 23-0009		LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.76	
09 65 16 23-0010		LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	6.99	
09 65 16 23-0011			Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*		
			Note: Excludes heat welding.		
09 65 16 23-0012		EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	16.60	
09 65 16 23-0013			Vinyl Sheet Flooring Accessories *(09 65 16 23)*		
09 65 16 23-0014		LF	1/2" Radius Vinyl Cove Filler Strip	3.04	
09 65 16 23-0015		LF	1-1/4" Radius Vinyl Cove Filler Strip	2.85	
09 65 16 23-0016		LF	1-1/2" Radius Vinyl Cove Filler Strip	4.00	
09 65 16 23-0017		LF	1/8" Aluminum Cove Cap	2.52	
09 65 16 33			**Rubber Sheet Flooring** *(09 65 16)*		
09 65 16 33-0001			Rubber Tile And Sheet Flooring *(09 65 16 33)*		
09 65 16 33-0002		SF	2mm Tile And Roll Goods; Environcare	5.97	1.18
09 65 16 33-0003		SF	3mm Tile And Roll Goods; Environcare	7.20	1.18
09 65 16 33-0004		SF	2mm Tile And Roll Goods; Sentica	5.97	1.18
09 65 16 33-0005		SF	3mm Tile And Roll Goods; Sentica	7.20	1.18
09 65 19			**Resilient Tile Flooring** *(09 65)*		
			Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.		
09 65 19 19			**Vinyl Composition Tile Flooring** *(09 65 19)*		
09 65 19 19-0001			Vinyl Composition Tile (VCT) *(09 65 19 19)*		
			Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.		
09 65 19 19-0002		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	2.90	1.50
			For 3/32" Thick, Deduct	*-0.11*	
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.18*	
			For >20 To 40, Add	*0.66*	
			For >40 To 80, Add	*0.24*	
			For >240 To 960, Deduct	*-0.20*	
			For >960, Deduct	*-0.30*	
			For >1,000 To 3,000, Deduct	*-0.07*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.34*	
09 65 19 19-0003		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	2.90	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.18*	
			For >20 To 40, Add	*0.66*	
			For >40 To 80, Add	*0.24*	
			For >240 To 960, Deduct	*-0.20*	
			For >960, Deduct	*-0.30*	
			For >1,000 To 3,000, Deduct	*-0.07*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.34*	
09 65 19 19-0004		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	2.90	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.18*	
			For >20 To 40, Add	*0.66*	
			For >40 To 80, Add	*0.24*	
			For >240 To 960, Deduct	*-0.20*	
			For >960, Deduct	*-0.30*	
			For >1,000 To 3,000, Deduct	*-0.07*	
			For >3,000 To 6,000, Deduct	*-0.18*	
			For >6,000, Deduct	*-0.34*	
09 65 19 19-0005		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	3.90	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.33*	
			For >20 To 40, Add	*0.76*	
			For >40 To 80, Add	*0.29*	
			For >240 To 960, Deduct	*-0.30*	
			For >960, Deduct	*-0.45*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.22*	
			For >6,000, Deduct	*-0.40*	
09 65 19 19-0006		SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	3.91	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.33*	
			For >20 To 40, Add	*0.76*	
			For >40 To 80, Add	*0.29*	
			For >240 To 960, Deduct	*-0.30*	
			For >960, Deduct	*-0.45*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.22*	
			For >6,000, Deduct	*-0.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	4.10	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.36*	
		For >20 To 40, Add	*0.78*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.48*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	4.13	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.36*	
		For >20 To 40, Add	*0.78*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.48*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	4.25	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.38*	
		For >20 To 40, Add	*0.80*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.33*	
		For >960, Deduct	*-0.50*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.35	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.54*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.66*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.49*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	5.78	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.61*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.49*	
		For >960, Deduct	*-0.73*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.51*	
09 65 19 19-0012	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	7.46	1.50
		For Extra Stock, Material Only, Deduct	*-1.76*	
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.47*	
		For >240 To 960, Deduct	*-0.65*	
		For >960, Deduct	*-0.98*	
		For >1,000 To 3,000, Deduct	*-0.16*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.61*	
09 65 19 19-0013	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®)	4.60	1.18
		For Extra Stock, Material Only, Deduct	*-1.38*	
		For Up To 20, Add	*1.27*	
		For >20 To 40, Add	*0.75*	
		For >40 To 80, Add	*0.30*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.41*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*

Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*

Note: The following solid vinyl tiles are certified to ASTM F 1700.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.62	1.50
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.53*	
		For >960, Deduct	*-0.80*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.77	1.50
			For Up To 20, Add	*2.04*	
			For >20 To 40, Add	*1.19*	
			For >40 To 80, Add	*0.47*	
			For >240 To 960, Deduct	*-0.55*	
			For >960, Deduct	*-0.82*	
			For >1,000 To 3,000, Deduct	*-0.15*	
			For >3,000 To 6,000, Deduct	*-0.36*	
			For >6,000, Deduct	*-0.64*	
	09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	6.87	1.50
			For Up To 20, Add	*2.05*	
			For >20 To 40, Add	*1.20*	
			For >40 To 80, Add	*0.47*	
			For >240 To 960, Deduct	*-0.56*	
			For >960, Deduct	*-0.84*	
			For >1,000 To 3,000, Deduct	*-0.15*	
			For >3,000 To 6,000, Deduct	*-0.36*	
			For >6,000, Deduct	*-0.64*	
	09 65 19 23-0006		Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*		
	09 65 19 23-0007	SF	2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico)	8.61	1.50
			For >40 To 80, Add	*0.56*	
			For >1,000 To 3,000, Deduct	*-0.18*	
			For >3,000 To 6,000, Deduct	*-0.43*	
			For >6,000, Deduct	*-0.75*	
	09 65 19 33		**Rubber Tile Flooring** *(09 65 19)*		
	09 65 19 33-0001		Rubber Tile Flooring *(09 65 19 33)*		
	09 65 19 33-0002	SF	3.5mm, 39.3" Square Tile (Norament XP)	9.43	1.18
	09 65 19 33-0003	SF	3.5mm, 39.3" Square Tile (Norament Grano)	8.87	1.18
	09 65 19 33-0004	SF	3.5mm, 39.3" Square Tile (Norament Satura)	8.87	1.18
	09 65 19 33-0005		Rubber Tile *(09 65 19 33)*		
	09 65 19 33-0006		Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0005)*		
	09 65 19 33-0007	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	12.72	0.89
			For Up To 20, Add	*2.64*	
			For >20 To 40, Add	*1.64*	
			For >40 To 100, Add	*0.73*	
	09 65 19 33-0008	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	15.31	0.99
			For Up To 20, Add	*3.09*	
			For >20 To 40, Add	*1.93*	
			For >40 To 100, Add	*0.87*	
	09 65 19 33-0009	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	17.10	1.19
			For Up To 20, Add	*3.52*	
			For >20 To 40, Add	*2.19*	
			For >40 To 100, Add	*0.97*	
	09 65 19 43		**Polyester Composition Tile Flooring** *(09 65 19)*		
	09 65 19 43-0001		Polyester Composition Floor Tile *(09 65 19 43)* Note: Any size.		
	09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	3.97	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.34*	
			For >20 To 40, Add	*0.77*	
			For >40 To 80, Add	*0.29*	
			For >240 To 960, Deduct	*-0.30*	
			For >960, Deduct	*-0.46*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.22*	
			For >6,000, Deduct	*-0.40*	
	09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	4.42	1.50
			For Extra Stock, Material Only, Deduct	*-1.76*	
			For Up To 20, Add	*1.40*	
			For >20 To 40, Add	*0.81*	
			For >40 To 80, Add	*0.31*	
			For >240 To 960, Deduct	*-0.35*	
			For >960, Deduct	*-0.52*	
			For >1,000 To 3,000, Deduct	*-0.10*	
			For >3,000 To 6,000, Deduct	*-0.24*	
			For >6,000, Deduct	*-0.43*	
	09 65 23		**Resilient Plank Flooring** *(09 65)*		
	09 65 23 00-0001		Vinyl Plank Flooring *(09 65 23)*		
	09 65 23 00-0002	SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	5.05	0.74
			For Up To 40, Add	*3.00*	
			For >40 To 100, Add	*1.50*	
			For >1,000, Deduct	*-0.35*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 23 00-0003		SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.18	0.74
			For Up To 40, Add	*3.23*	
			For >40 To 100, Add	*1.61*	
			For >1,000, Deduct	*-0.47*	
09 65 23 00-0004		SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.88	0.74
			For Up To 40, Add	*3.37*	
			For >40 To 100, Add	*1.68*	
			For >1,000, Deduct	*-0.54*	

09 65 43 Linoleum Flooring *(09 65)*

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002		SF	Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong)	4.91	1.50
			For Up To 20, Add	*1.76*	
			For >20 To 40, Add	*1.00*	
			For >40 To 100, Add	*0.37*	
09 65 43 00-0003		SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	6.18	0.74
09 65 43 00-0004		SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	5.71	0.74
09 65 43 00-0005		SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	6.39	0.74
09 65 43 00-0006		SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	5.97	0.74
09 65 43 00-0007		SF	Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	6.39	0.74
09 65 43 00-0008		SF	> 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	5.80	0.74
09 65 43 00-0009		SF	Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	7.77	0.74
09 65 43 00-0010		SF	> 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	7.17	0.74
09 65 43 00-0011		LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	6.77	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Sheet Goods For Gym *(09 65 66)*

09 65 66 00-0002		SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.22	2.98
09 65 66 00-0003		SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.60	3.08
09 65 66 00-0004		SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.88	3.18
09 65 66 00-0005		SF	1/8" Rubber Sheet Good For Gym Floor Base	4.95	2.44
09 65 66 00-0006		SF	3/16" Rubber Sheet Good For Gym Floor Base	5.60	2.79
09 65 66 00-0007		SF	1/4" Rubber Sheet Good For Gym Floor Base	6.43	2.98
09 65 66 00-0008		SF	3/8" Rubber Sheet Good For Gym Floor Base	7.06	3.18
09 65 66 00-0009		SF	1/2" Rubber Sheet Good For Gym Floor Base	7.48	3.38

09 65 66 00-0010 Interlocking Rubber Flooring *(09 65 66)*

09 65 66 00-0011		SF	3/8" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling HL-155) Note: Black with hidden or exposed locks.	21.69	0.69
			For Colors, Add	*2.59*	
09 65 66 00-0012		SF	9/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling HL-100) Note: Black with hidden or exposed locks.	33.20	0.69
			For Colors, Add	*4.03*	
09 65 66 00-0013		SF	7/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling PL-100) Note: Black with hidden or exposed locks.	19.38	0.69
			For Colors, Add	*2.30*	
09 65 66 00-0014		SF	9/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling PL-200) Note: Black with hidden or exposed locks.	23.16	0.69
			For Colors, Add	*2.77*	
09 65 66 00-0015		SF	7/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling FL-150) Note: Black with hidden or exposed locks.	19.38	0.69
			For Colors, Add	*2.30*	
09 65 66 00-0016		SF	3/8" Interlocking Rubber Tile Flooring	4.00	0.69
09 65 66 00-0017		SF	7/16" Interlocking Rubber Tile Flooring	4.44	0.79
09 65 66 00-0018		SF	1/2" Interlocking Rubber Tile Flooring	4.65	0.87
09 65 66 00-0019		SF	5/8" Interlocking Rubber Tile Flooring	4.98	1.04
09 65 66 00-0020		SF	3/4" Interlocking Rubber Tile Flooring	7.29	1.40
09 65 66 00-0021		SF	1" Interlocking Rubber Tile Flooring	9.46	1.70

09 65 66 00-0022 Polyurethane Floor Systems *(09 65 66)*

See CSI section 09 93 23 53-0022 for game lines.

09 65 66 00-0023		SF	7 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	14.83	1.99
09 65 66 00-0024		SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	16.08	1.99

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 00-0001 Floors Bonded To Concrete *(09 66 13)*

Note: 1-3/4" Thick - 5/8" topping.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 00-0002		SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	17.56	2.40
			For Venetian Type Terrazzo, Add	*3.86*	
			For Abrasive Heavy Duty Terrazzo, Add	*3.86*	
			For Colors, Add	*1.93*	
			For Up To 100, Add	*4.71*	
			For >100 To 250, Add	*2.35*	
09 66 13 00-0003		SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	17.65	2.40
			For Venetian Type Terrazzo, Add	*3.91*	
			For Abrasive Heavy Duty Terrazzo, Add	*3.91*	
			For Colors, Add	*1.95*	
			For Up To 100, Add	*4.72*	
			For >100 To 250, Add	*2.36*	

09 66 13 00-0004 Floors Not Bonded To Concrete *(09 66 13)*

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

09 66 13 00-0005		SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	22.16	2.40
			For Venetian Type Terrazzo, Add	*4.68*	
			For Abrasive Heavy Duty Terrazzo, Add	*4.68*	
			For Colors, Add	*2.34*	
			For Up To 100, Add	*6.06*	
			For >100 To 250, Add	*3.03*	
09 66 13 00-0006		SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	22.25	2.40
			For Venetian Type Terrazzo, Add	*4.73*	
			For Abrasive Heavy Duty Terrazzo, Add	*4.73*	
			For Colors, Add	*2.36*	
			For Up To 100, Add	*6.07*	
			For >100 To 250, Add	*3.03*	

09 66 13 00-0007 Monolithic Terrazzo *(09 66 13)*

09 66 13 00-0008		SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5' Square Panels Topping (Including Mesh And Felt)	11.46	2.40
			For Venetian Type Terrazzo, Add	*3.41*	
			For Abrasive Heavy Duty Terrazzo, Add	*3.41*	
			For Colors, Add	*1.70*	
			For Up To 100, Add	*2.54*	
			For >100 To 250, Add	*1.27*	

09 66 13 00-0009 Terrazzo Wainscot *(09 66 13)*

09 66 13 00-0010		SF	Terrazzo Wainscot Cast In Place 1-1/2" Thick Bonded To Concrete Or Masonry 1-1/2" Thick	26.30	3.20
			For Venetian Type Terrazzo, Add	*2.50*	

09 66 13 00-0011 Terrazzo Base *(09 66 13)*

09 66 13 00-0012		SF	Terrazzo Base, Cast In Place, 6" Cove Type	25.15	2.57
			For Venetian Type Terrazzo, Add	*5.45*	

09 66 13 00-0013 Terrazzo Curb *(09 66 13)*

09 66 13 00-0014		LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	71.52	17.09
			For Venetian Type Terrazzo, Add	*7.27*	

09 66 13 00-0015 Stairs Cast In Place *(09 66 13)*

Note: Topping applied to concrete or metal.

09 66 13 00-0016		LF	Cast In Place Terrazzo Stair, 1-1/2" Thick x 12" Wide, Applied To Concrete Or Metal	27.33	4.79
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	
09 66 13 00-0017		LF	Cast In Place Terrazzo Stair Tread And Riser, Applied To Concrete Or Metal	70.18	15.97
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	
09 66 13 00-0018		SF	Cast In Place Terrazzo Stair Stringer And Fascia, Applied To Concrete Or Metal	27.60	4.79
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	

09 66 13 00-0019 Divider Strips *(09 66 13)*

09 66 13 00-0020		LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	3.82	0.80
09 66 13 00-0021		LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	3.21	0.80
09 66 13 00-0022		LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	5.81	0.80
09 66 13 00-0023		LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	8.32	0.80
09 66 13 00-0024		LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	3.72	0.80
09 66 13 00-0025		LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	5.30	0.80
09 66 13 00-0026		LF	Vinyl Plastic, Divider Strip For Floor	3.70	0.80

09 66 16 Terrazzo Floor Tile *(09 66)*

09 66 16 00-0001 Flooring Tiles *(09 66 16)*

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 00-0002		Terrazzo Tiles With Non Slip Surface *(09 66 16 00-0001)*		
09 66 16 00-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	21.01	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	20.99	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	23.98	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	24.94	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	25.30	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0008		Terrazzo Tile Thin Set *(09 66 16 00-0001)*		
09 66 16 00-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	20.48	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	21.54	2.36
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 00-0011		Thin Set Terrazzo Wainscot *(09 66 16 00-0001)*		
09 66 16 00-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	34.31	5.13
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	39.36	5.13
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0014		Thin Set Terrazzo Base, Gray Cement *(09 66 16 00-0001)*		
09 66 16 00-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	11.07	2.57
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	12.06	2.57
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	12.71	2.57
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	13.20	2.57
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0019		Terrazzo Curbs *(09 66 16 00-0001)*		
09 66 16 00-0020	LF	8" x 8" Curb, Terrazzo Tile	23.98	3.42
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0021	LF	6" x 6" Curb, Terrazzo Tile	23.49	3.42
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 00-0022		Precast Terrazzo Stair Treads 12" Wide *(09 66 16 00-0001)*		
09 66 16 00-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	47.62	3.42
09 66 16 00-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	41.69	3.42
09 66 16 00-0025	LF	2" Precast Terrazzo Straight Stair Tread	37.74	3.42
09 66 16 00-0026	LF	2" Precast Terrazzo Curved Stair Tread	43.84	3.42
09 66 16 00-0027		Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 00-0001)*		
09 66 16 00-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	22.54	2.57
09 66 16 00-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	25.50	2.57
09 66 16 00-0030		Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 00-0001)*		
09 66 16 00-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	32.02	2.57
09 66 16 00-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	34.00	2.57
09 66 16 00-0033		Tread And Riser *(09 66 16)*		
09 66 16 00-0034		Stair Stringers, Notched For Treads And Risers *(09 66 16 00-0033)*		
09 66 16 00-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	54.86	6.84
09 66 16 00-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	65.83	6.84
09 66 16 00-0037		Structural Non-Slip Landings *(09 66 16 00-0033)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 00-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip	39.00	3.42
09 66 16 00-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	47.24	3.42
09 66 16 00-0040		Combined Tread And Riser *(09 66 16 00-0033)*		
09 66 16 00-0041		Straight Sections *(09 66 16 00-0040)*		
09 66 16 00-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	81.62	6.84
09 66 16 00-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	95.46	6.84
09 66 16 00-0044		Curved Sections *(09 66 16 00-0040)*		
09 66 16 00-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	100.61	6.84
09 66 16 00-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	124.32	6.84
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*		
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*		
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	16.28	2.40
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*		
		Note: For anti-static areas.		
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*		
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial	16.48	4.27
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial	28.90	4.27
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*		
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	12.79	4.27
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial	20.59	4.27
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*		
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	14.41	4.27
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	26.33	4.27
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	19.96	4.27
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	23.17	4.27
09 67		**Fluid-Applied Flooring** *(09 60)*		
09 67 16		**Epoxy-Marble Chip Flooring** *(09 67)*		
09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*		
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base	11.67	2.40
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	12.30	2.40
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
09 67 29		**Epoxy Flooring** *(09 67)*		
09 67 29 00-0001		Epoxy Flooring *(09 67 29)*		
		Note: Includes primer and topcoats (assorted colors), existing floor preparation of sand or bead blasting, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes.		
09 67 29 00-0002	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16" Heavy Duty (6,000 - 7,500 PSI)	9.95	5.43
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
		For Up To 500, Add	*1.85*	
		For >500 To 1,000, Add	*1.17*	
		For >1,000 To 2,000, Add	*0.59*	
09 67 29 00-0003	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16", Chemical Resistant (10,000 - 12,000 PSI)	14.23	5.43
		For Skid Resistant Abrasive Sand Finish, Add	*0.08*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.08*	
		For Up To 500, Add	*2.92*	
		For >500 To 1,000, Add	*1.81*	
		For >1,000 To 2,000, Add	*0.91*	
09 67 29 00-0004	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4" Heavy Duty (6,000 - 7,500 PSI)	11.24	6.07
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
		For Up To 500, Add	*2.08*	
		For >500 To 1,000, Add	*1.32*	
		For >1,000 To 2,000, Add	*0.66*	
09 67 29 00-0005	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10,000 - 12,000 PSI)	16.15	6.07
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*	
		For Up To 500, Add	*3.31*	
		For >500 To 1,000, Add	*2.06*	
		For >1,000 To 2,000, Add	*1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 29 00-0006	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8" Heavy Duty (6,000 - 7,500 PSI)	12.56	6.79
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*2.34*	
		For >500 To 1,000, Add	*1.48*	
		For >1,000 To 2,000, Add	*0.74*	
09 67 29 00-0007	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8", Chemical Resistant (10,000 - 12,000 PSI)	17.77	6.79
		For Skid Resistant Abrasive Sand Finish, Add	*0.10*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.10*	
		For Up To 500, Add	*3.64*	
		For >500 To 1,000, Add	*2.27*	
		For >1,000 To 2,000, Add	*1.13*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tile With Fiberglass Reinforced Backing *(09 68 13)*
Note: Includes glue (Lees ICT Backing System)

09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

09 68 13 00-0003	SY	18 Ounce, Non Patterned, Nylon Carpet Tile	44.34	5.98
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.89*	
		For >600 To 900, Deduct	*-1.70*	
		For >900 To 1,500, Deduct	*-2.52*	
		For >1,500 To 2,200, Deduct	*-3.70*	
		For >2,200 To 3,500, Deduct	*-4.81*	
		For >3,500, Deduct	*-5.92*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0004	SY	20 Ounce, Non Patterned, Nylon Carpet Tile	46.14	5.98
		For >200 To 400, Deduct	*-0.63*	
		For >400 To 600, Deduct	*-0.95*	
		For >600 To 900, Deduct	*-1.79*	
		For >900 To 1,500, Deduct	*-2.64*	
		For >1,500 To 2,200, Deduct	*-3.88*	
		For >2,200 To 3,500, Deduct	*-5.04*	
		For >3,500, Deduct	*-6.19*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0005	SY	22 Ounce, Non Patterned, Nylon Carpet Tile	51.86	5.98
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.08*	
		For >900 To 1,500, Deduct	*-3.04*	
		For >1,500 To 2,200, Deduct	*-4.45*	
		For >2,200 To 3,500, Deduct	*-5.75*	
		For >3,500, Deduct	*-7.05*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0006	SY	24 Ounce, Non Patterned, Nylon Carpet Tile	57.43	5.98
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.36*	
		For >900 To 1,500, Deduct	*-3.43*	
		For >1,500 To 2,200, Deduct	*-5.01*	
		For >2,200 To 3,500, Deduct	*-6.45*	
		For >3,500, Deduct	*-7.88*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0007	SY	26 Ounce, Non Patterned, Nylon Carpet Tile	60.69	5.98
		For >200 To 400, Deduct	*-0.92*	
		For >400 To 600, Deduct	*-1.38*	
		For >600 To 900, Deduct	*-2.52*	
		For >900 To 1,500, Deduct	*-3.66*	
		For >1,500 To 2,200, Deduct	*-5.34*	
		For >2,200 To 3,500, Deduct	*-6.85*	
		For >3,500, Deduct	*-8.37*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0008	SY	28 Ounce, Non Patterned, Nylon Carpet Tile	64.03	5.98
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.69*	
		For >900 To 1,500, Deduct	*-3.90*	
		For >1,500 To 2,200, Deduct	*-5.67*	
		For >2,200 To 3,500, Deduct	*-7.27*	
		For >3,500, Deduct	*-8.87*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile	65.02	5.98
		For >200 To 400, Deduct	*-1.01*	
		For >400 To 600, Deduct	*-1.51*	
		For >600 To 900, Deduct	*-2.74*	
		For >900 To 1,500, Deduct	*-3.97*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.40*	
		For >3,500, Deduct	*-9.02*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile	65.64	5.98
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.77*	
		For >900 To 1,500, Deduct	*-4.01*	
		For >1,500 To 2,200, Deduct	*-5.83*	
		For >2,200 To 3,500, Deduct	*-7.47*	
		For >3,500, Deduct	*-9.11*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0011	SY	34 Ounce, Non Patterned, Nylon Carpet Tile	66.16	5.98
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.80*	
		For >900 To 1,500, Deduct	*-4.05*	
		For >1,500 To 2,200, Deduct	*-5.88*	
		For >2,200 To 3,500, Deduct	*-7.54*	
		For >3,500, Deduct	*-9.19*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0012	SY	36 Ounce, Non Patterned, Nylon Carpet Tile	67.94	5.98
		For >200 To 400, Deduct	*-1.07*	
		For >400 To 600, Deduct	*-1.60*	
		For >600 To 900, Deduct	*-2.88*	
		For >900 To 1,500, Deduct	*-4.17*	
		For >1,500 To 2,200, Deduct	*-6.06*	
		For >2,200 To 3,500, Deduct	*-7.76*	
		For >3,500, Deduct	*-9.46*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0013	SY	38 Ounce, Non Patterned, Nylon Carpet Tile	71.47	5.98
		For >200 To 400, Deduct	*-1.14*	
		For >400 To 600, Deduct	*-1.70*	
		For >600 To 900, Deduct	*-3.06*	
		For >900 To 1,500, Deduct	*-4.42*	
		For >1,500 To 2,200, Deduct	*-6.42*	
		For >2,200 To 3,500, Deduct	*-8.20*	
		For >3,500, Deduct	*-9.99*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0014	SY	40 Ounce, Non Patterned, Nylon Carpet Tile	75.26	5.98
		For >200 To 400, Deduct	*-1.21*	
		For >400 To 600, Deduct	*-1.82*	
		For >600 To 900, Deduct	*-3.25*	
		For >900 To 1,500, Deduct	*-4.68*	
		For >1,500 To 2,200, Deduct	*-6.79*	
		For >2,200 To 3,500, Deduct	*-8.68*	
		For >3,500, Deduct	*-10.56*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0015	SY	42 Ounce, Non Patterned, Nylon Carpet Tile	82.53	5.98
		For >200 To 400, Deduct	*-1.36*	
		For >400 To 600, Deduct	*-2.04*	
		For >600 To 900, Deduct	*-3.61*	
		For >900 To 1,500, Deduct	*-5.19*	
		For >1,500 To 2,200, Deduct	*-7.52*	
		For >2,200 To 3,500, Deduct	*-9.58*	
		For >3,500, Deduct	*-11.65*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0016	SY	Installation Of Owner Provided Non Patterned Carpet Tiles	14.55	

09 68 13 00-0017 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile	45.28	5.98
		For >200 To 400, Deduct	*-0.58*	
		For >400 To 600, Deduct	*-0.88*	
		For >600 To 900, Deduct	*-1.70*	
		For >900 To 1,500, Deduct	*-2.53*	
		For >1,500 To 2,200, Deduct	*-3.72*	
		For >2,200 To 3,500, Deduct	*-4.86*	
		For >3,500, Deduct	*-5.99*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile	46.25	5.98
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.75*	
		For >900 To 1,500, Deduct	*-2.59*	
		For >1,500 To 2,200, Deduct	*-3.82*	
		For >2,200 To 3,500, Deduct	*-4.98*	
		For >3,500, Deduct	*-6.13*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile	48.08	5.98
		For >200 To 400, Deduct	*-0.64*	
		For >400 To 600, Deduct	*-0.96*	
		For >600 To 900, Deduct	*-1.84*	
		For >900 To 1,500, Deduct	*-2.72*	
		For >1,500 To 2,200, Deduct	*-4.00*	
		For >2,200 To 3,500, Deduct	*-5.21*	
		For >3,500, Deduct	*-6.41*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	53.88	5.98
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.13*	
		For >900 To 1,500, Deduct	*-3.13*	
		For >1,500 To 2,200, Deduct	*-4.58*	
		For >2,200 To 3,500, Deduct	*-5.93*	
		For >3,500, Deduct	*-7.28*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	59.54	5.98
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.41*	
		For >900 To 1,500, Deduct	*-3.52*	
		For >1,500 To 2,200, Deduct	*-5.15*	
		For >2,200 To 3,500, Deduct	*-6.64*	
		For >3,500, Deduct	*-8.13*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	62.84	5.98
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.40*	
		For >600 To 900, Deduct	*-2.58*	
		For >900 To 1,500, Deduct	*-3.75*	
		For >1,500 To 2,200, Deduct	*-5.48*	
		For >2,200 To 3,500, Deduct	*-7.05*	
		For >3,500, Deduct	*-8.62*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	66.23	5.98
		For >200 To 400, Deduct	*-1.00*	
		For >400 To 600, Deduct	*-1.50*	
		For >600 To 900, Deduct	*-2.75*	
		For >900 To 1,500, Deduct	*-3.99*	
		For >1,500 To 2,200, Deduct	*-5.82*	
		For >2,200 To 3,500, Deduct	*-7.47*	
		For >3,500, Deduct	*-9.13*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	67.23	5.98
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.80*	
		For >900 To 1,500, Deduct	*-4.06*	
		For >1,500 To 2,200, Deduct	*-5.92*	
		For >2,200 To 3,500, Deduct	*-7.60*	
		For >3,500, Deduct	*-9.28*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	67.87	5.98
		For >200 To 400, Deduct	*-1.04*	
		For >400 To 600, Deduct	*-1.55*	
		For >600 To 900, Deduct	*-2.83*	
		For >900 To 1,500, Deduct	*-4.11*	
		For >1,500 To 2,200, Deduct	*-5.98*	
		For >2,200 To 3,500, Deduct	*-7.68*	
		For >3,500, Deduct	*-9.38*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	68.39	5.98
		For >200 To 400, Deduct	*-1.05*	
		For >400 To 600, Deduct	*-1.57*	
		For >600 To 900, Deduct	*-2.86*	
		For >900 To 1,500, Deduct	*-4.14*	
		For >1,500 To 2,200, Deduct	*-6.03*	
		For >2,200 To 3,500, Deduct	*-7.74*	
		For >3,500, Deduct	*-9.45*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	70.20	5.98
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.95*	
		For >900 To 1,500, Deduct	*-4.27*	
		For >1,500 To 2,200, Deduct	*-6.22*	
		For >2,200 To 3,500, Deduct	*-7.97*	
		For >3,500, Deduct	*-9.73*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0029	SY	38 Ounce, Patterned, Nylon Carpet Tile	73.78	5.98
		For >200 To 400, Deduct	*-1.15*	
		For >400 To 600, Deduct	*-1.73*	
		For >600 To 900, Deduct	*-3.13*	
		For >900 To 1,500, Deduct	*-4.52*	
		For >1,500 To 2,200, Deduct	*-6.57*	
		For >2,200 To 3,500, Deduct	*-8.42*	
		For >3,500, Deduct	*-10.26*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0030	SY	40 Ounce, Patterned, Nylon Carpet Tile	77.63	5.98
		For >200 To 400, Deduct	*-1.23*	
		For >400 To 600, Deduct	*-1.85*	
		For >600 To 900, Deduct	*-3.32*	
		For >900 To 1,500, Deduct	*-4.79*	
		For >1,500 To 2,200, Deduct	*-6.96*	
		For >2,200 To 3,500, Deduct	*-8.90*	
		For >3,500, Deduct	*-10.84*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0031	SY	42 Ounce, Patterned, Nylon Carpet Tile	85.01	5.98
		For >200 To 400, Deduct	*-1.38*	
		For >400 To 600, Deduct	*-2.07*	
		For >600 To 900, Deduct	*-3.69*	
		For >900 To 1,500, Deduct	*-5.31*	
		For >1,500 To 2,200, Deduct	*-7.70*	
		For >2,200 To 3,500, Deduct	*-9.82*	
		For >3,500, Deduct	*-11.95*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0032	SY	Installation Of Owner Provided Patterned Carpet Tiles	16.67	

09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0034	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	74.64	5.98
		For >200 To 400, Deduct	*-1.17*	
		For >400 To 600, Deduct	*-1.76*	
		For >600 To 900, Deduct	*-3.17*	
		For >900 To 1,500, Deduct	*-4.58*	
		For >1,500 To 2,200, Deduct	*-6.66*	
		For >2,200 To 3,500, Deduct	*-8.53*	
		For >3,500, Deduct	*-10.39*	

09 68 13 00-0035 Carpet Tiles *(09 68 13)*

Note: Includes glue

09 68 13 00-0036	SY	27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II) Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.	70.10	5.98
		For >200 To 400, Deduct	*-1.08*	
		For >400 To 600, Deduct	*-1.62*	
		For >600 To 900, Deduct	*-2.94*	
		For >900 To 1,500, Deduct	*-4.26*	
		For >1,500 To 2,200, Deduct	*-6.21*	
		For >2,200 To 3,500, Deduct	*-7.96*	
		For >3,500, Deduct	*-9.71*	
09 68 13 00-0037	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata) Note: Tufted carpet tile with EcoFlex ICT backing.	60.37	5.98
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.46*	
		For >900 To 1,500, Deduct	*-3.58*	
		For >1,500 To 2,200, Deduct	*-5.23*	
		For >2,200 To 3,500, Deduct	*-6.74*	
		For >3,500, Deduct	*-8.25*	
09 68 13 00-0038	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway) Note: Tufted carpet tile with EcoFlex ICT backing.	62.12	5.98
		For >200 To 400, Deduct	*-0.92*	
		For >400 To 600, Deduct	*-1.38*	
		For >600 To 900, Deduct	*-2.54*	
		For >900 To 1,500, Deduct	*-3.70*	
		For >1,500 To 2,200, Deduct	*-5.41*	
		For >2,200 To 3,500, Deduct	*-6.96*	
		For >3,500, Deduct	*-8.51*	
09 68 13 00-0039	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization) Note: Tufted carpet tile with EcoFlex ICT backing.	60.66	5.98
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.34*	
		For >600 To 900, Deduct	*-2.47*	
		For >900 To 1,500, Deduct	*-3.60*	
		For >1,500 To 2,200, Deduct	*-5.26*	
		For >2,200 To 3,500, Deduct	*-6.78*	
		For >3,500, Deduct	*-8.29*	
09 68 13 00-0040	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt) Note: Tufted carpet tile with EcoFlex ICT backing.	62.41	5.98
		For >200 To 400, Deduct	*-0.93*	
		For >400 To 600, Deduct	*-1.39*	
		For >600 To 900, Deduct	*-2.56*	
		For >900 To 1,500, Deduct	*-3.72*	
		For >1,500 To 2,200, Deduct	*-5.44*	
		For >2,200 To 3,500, Deduct	*-7.00*	
		For >3,500, Deduct	*-8.56*	

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0002		**Carpet Pads** *(09 68 16 00-0001)*		
09 68 16 00-0003	SY	Foam Rubber Carpet Padding	6.47	2.51
09 68 16 00-0004	SY	Sponge Rubber Carpet Cushion	6.32	2.51
09 68 16 00-0005	SY	Urethane Carpet Cushion 1/4" Thick	6.28	2.51
09 68 16 00-0006	SY	Urethane Carpet Cushion 3/8" Thick	6.86	2.51
09 68 16 00-0007	SY	7/16" Thick, Rebonded, 6 LB/CF	6.39	2.51
09 68 16 00-0008	SY	3/8" Thick, Rebonded, 7 LB/CF	6.66	2.51
09 68 16 00-0009	SY	1/2" Thick, Rebonded, 8 LB/CF	7.04	2.51
09 68 16 00-0010		**Indoor/Outdoor Carpet** *(09 68 16)*		
		Note: Includes waterproof glue.		
09 68 16 00-0011	SY	Nylon Indoor/Outdoor Carpet	30.85	5.02
09 68 16 00-0012	SY	Ozite Indoor/Outdoor Carpet	25.83	5.02
09 68 16 00-0013		**Commercial Broadloom Carpet** *(09 68 16)*		
		Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0014		**Non-Patterned Broadloom Carpet** *(09 68 16 00-0013)*		
09 68 16 00-0015	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	40.18	24.52
		For Up To 15, Add	*3.27*	
		For >15 To 33, Add	*1.64*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.44*	
		For >900, Deduct	*-2.16*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0016	SY	24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	40.18	24.52
		For Up To 15, Add	*3.27*	
		For >15 To 33, Add	*1.64*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.44*	
		For >900, Deduct	*-2.16*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0017	SY	26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	40.18	24.52
		For Up To 15, Add	*3.27*	
		For >15 To 33, Add	*1.64*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.44*	
		For >900, Deduct	*-2.16*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0018	SY	28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	43.55	26.57
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.78*	
		For >600 To 900, Deduct	*-1.56*	
		For >900, Deduct	*-2.34*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0019	SY	30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	44.28	26.57
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.59*	
		For >900, Deduct	*-2.39*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0020	SY	32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	44.41	26.57
		For Up To 15, Add	*3.54*	
		For >15 To 33, Add	*1.77*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.60*	
		For >900, Deduct	*-2.40*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0021	SY	34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	48.68	28.60
		For Up To 15, Add	*3.81*	
		For >15 To 33, Add	*1.91*	
		For >200 To 400, Deduct	*-0.59*	
		For >400 To 600, Deduct	*-0.89*	
		For >600 To 900, Deduct	*-1.77*	
		For >900, Deduct	*-2.64*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0022	SY	36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	49.20	28.60
		For Up To 15, Add	*3.81*	
		For >15 To 33, Add	*1.91*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.79*	
		For >900, Deduct	*-2.68*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0023	SY	38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	49.84	28.60
		For Up To 15, Add	*3.81*	
		For >15 To 33, Add	*1.91*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.92*	
		For >600 To 900, Deduct	*-1.82*	
		For >900, Deduct	*-2.73*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0024 Patterned Broadloom Carpet *(09 68 16 00-0013)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 16 00-0025	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.18	24.52
		For Up To 15, Add	*3.60*	
		For >15 To 33, Add	*1.80*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.48*	
		For >900, Deduct	*-2.23*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0026	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.18	24.52
		For Up To 15, Add	*3.60*	
		For >15 To 33, Add	*1.80*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.48*	
		For >900, Deduct	*-2.23*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0027	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.18	24.52
		For Up To 15, Add	*3.60*	
		For >15 To 33, Add	*1.80*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.73*	
		For >600 To 900, Deduct	*-1.48*	
		For >900, Deduct	*-2.23*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0028	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	45.71	26.57
		For Up To 15, Add	*3.90*	
		For >15 To 33, Add	*1.95*	
		For >200 To 400, Deduct	*-0.52*	
		For >400 To 600, Deduct	*-0.79*	
		For >600 To 900, Deduct	*-1.60*	
		For >900, Deduct	*-2.42*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0029	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	46.45	26.57
		For Up To 15, Add	*3.90*	
		For >15 To 33, Add	*1.95*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.64*	
		For >900, Deduct	*-2.47*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0030	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	46.58	26.57
		For Up To 15, Add	*3.90*	
		For >15 To 33, Add	*1.95*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.65*	
		For >900, Deduct	*-2.48*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0031	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	51.03	28.60
		For Up To 15, Add	*4.20*	
		For >15 To 33, Add	*2.10*	
		For >200 To 400, Deduct	*-0.60*	
		For >400 To 600, Deduct	*-0.90*	
		For >600 To 900, Deduct	*-1.82*	
		For >900, Deduct	*-2.73*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0032	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	51.57	28.60
		For Up To 15, Add	*4.20*	
		For >15 To 33, Add	*2.10*	
		For >200 To 400, Deduct	*-0.61*	
		For >400 To 600, Deduct	*-0.92*	
		For >600 To 900, Deduct	*-1.84*	
		For >900, Deduct	*-2.77*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0033	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	52.22	28.60
		For Up To 15, Add	*4.20*	
		For >15 To 33, Add	*2.10*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.94*	
		For >600 To 900, Deduct	*-1.88*	
		For >900, Deduct	*-2.82*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0034	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded)	60.93	26.57
		For Up To 15, Add	*3.90*	
		For >15 To 33, Add	*1.95*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.24*	
		For >600 To 900, Deduct	*-2.36*	
		For >900, Deduct	*-3.49*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0035 Carpet Accessories *(09 68 16)*

09 68 16 00-0036	LF	Metal Carpet Saddle Strip, Up To 4" Wide	2.91	0.68

09 68 16 00-0037 Removal And Reinstallation Of Carpet And Pad *(09 68 16)*

Note: Includes storage, cleaning and supply materials.

09 68 16 00-0038	SY	Removal And Reinstallation Of Carpet And Pad	34.47	

09 68 16 00-0039 Carpeting Support Functions *(09 68 16)*

09 68 16 00-0040 Relocate Partitions, Modular Work Stations *(09 68 16 00-0039)*

Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.

09 68 16 00-0041	EA	Relocate Modular Work Station	238.13	

09 68 16 00-0042 Installation Of Owner Provided Broadloom Carpet *(09 68 16)*

09 68 16 00-0043	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	14.43	
		For Up To 15, Add	*2.84*	
		For >15 To 33, Add	*1.42*	
09 68 16 00-0044	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	16.80	
		For Up To 15, Add	*3.32*	
		For >15 To 33, Add	*1.66*	
09 68 16 00-0045	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	20.12	
		For Up To 15, Add	*3.98*	
		For >15 To 33, Add	*1.99*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001 Panels, No Covering *(09 69 13)*

09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	10.07	0.68
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	18.81	0.68
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	17.53	0.75
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	17.53	0.75
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	17.53	0.75
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	17.53	0.75
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	16.59	0.75
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	16.59	0.75
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	18.71	0.75
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	18.71	0.75
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	18.71	0.75
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	18.71	0.75
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	17.77	0.75
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	17.77	0.75
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	22.47	0.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	22.47	0.75
09 69 13 00-0018		**Pedestals** *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	23.18	3.40
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	24.37	3.40
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	24.96	3.40
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	27.10	3.40
09 69 13 00-0023		**Stringers** *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	12.63	4.08
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	21.53	6.12
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	34.26	10.20
09 69 13 00-0027		**Understructure** *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	3.87	1.02
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	4.15	1.02
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	4.96	1.02

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		**Accessories** *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	23.16	2.72
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors.	37.40	4.77
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	16.30	4.77
09 69 53 00-0005	EA	Machine Cutouts	124.83	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	37.67	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	89.08	0.34
09 69 53 00-0008	LF	Tate Handrail	71.28	2.25
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	27.37	2.25
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	122.55	8.51
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	30.34	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	30.34	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	34.95	1.36
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	42.62	1.36
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	32.83	1.36
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	42.61	1.36
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	121.13	8.51
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	87.37	8.51
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	121.13	8.51
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	60.16	1.36
09 69 53 00-0021	EA	Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	6.80	
09 69 53 00-0022		**Final Cleaning For Computer Room Raised Floor System** *(09 69 53)* Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	2.30	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	2.37	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	2.35	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001		**Cork Wall Covering** *(09 72 13)*		
09 72 13 00-0002	SF	1/8" Cork Wall Covering	4.52	0.82
09 72 13 00-0003	SF	1/4" Cork Wall Covering	5.44	0.82
09 72 13 00-0004	SF	1/2" Cork Wall Covering	6.18	0.82
09 72 13 00-0005	SF	3/4" Cork Wall Covering	8.32	0.82

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 00-0001		**Vinyl Wall Coverings** *(09 72 16)* Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 16 00-0002	SF	Vinyl Wall Covering, 7-10 Oz/SY	1.77	0.82
		For Owner Furnished Material, Deduct	*-0.49*	
09 72 16 00-0003	SF	Vinyl Wall Covering, 11-14 Oz/SY	2.08	0.82
		For Owner Furnished Material, Deduct	*-0.72*	
09 72 16 00-0004	SF	Vinyl Wall Covering, 20-25 Oz/SY	2.73	0.82
		For Owner Furnished Material, Deduct	*-1.03*	
09 72 16 00-0005	SF	Vinyl Wall Covering, 26-32 Oz/SY	3.04	0.82
		For Owner Furnished Material, Deduct	*-1.26*	
09 72 16 00-0006	SF	Vinyl Wall Covering, 33-38 Oz/SY	3.98	0.82
		For Owner Furnished Material, Deduct	*-2.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 72 19		**Textile Wall Coverings** *(09 72)*		
09 72 19 00-0001		Wall Fabrics *(09 72 19)*		
09 72 19 00-0002	SF	Wall Covering, Natural Fabric, Grass Cloth	4.46	0.82
09 72 19 00-0003	SF	Wall Covering, Grass Cloth	4.82	0.82
09 72 19 00-0004	SF	Wall Covering, Burlap	3.82	0.82
09 72 19 00-0005	SF	Flexible Gypsum Coated Wall Fabric, Fire Resistant	3.14	0.82
09 72 19 00-0006	SF	Acoustical Wall Cover	5.39	0.82
09 72 19 00-0007	SF	Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	2.19	0.82
09 72 19 00-0008	SF	Install Owner Furnished Wall Covering Fabrics, Patterned	3.08	0.82
09 72 19 00-0009		Natural Fiber Resilient Wallcovering *(09 72 19)*		
09 72 19 00-0010	SY	Sisal Wall Covering - 48 To 54 Oz/SY With Adhesive (4', 8', 12' Widths)	53.94	4.77
		For Fire Rated Adhesive, UBC 42-2, Add	*0.11*	
09 72 23		**Wallpapering** *(09 72)*		
09 72 23 00-0001		Wallpaper Coverings *(09 72 23)* Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.10	1.09
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	3.43	1.39
09 72 23 00-0004	SF	Ceiling Paper	3.23	2.04
09 73		**Wall Carpeting** *(09 70)*		
09 73 00 00-0001		Carpet Wall Covering *(09 73)*		
09 73 00 00-0002	SY	Nylon 28 Oz Carpet Wall Covering	30.76	10.20
09 73 00 00-0003	SY	Nylon 32 Oz Carpet Wall Covering	31.39	10.20
09 73 00 00-0004	SY	Nylon 34 Oz Carpet Wall Covering	34.04	11.23
09 73 00 00-0005	SY	Nylon 35 Oz Carpet Wall Covering	36.04	11.91
09 73 00 00-0006	SY	Nylon 36 Oz Carpet Wall Covering	38.07	12.59
09 73 00 00-0007	SY	Nylon 38 Oz Carpet Wall Covering	38.83	12.59
09 73 00 00-0008	SY	Nylon 40 Oz Carpet Wall Covering	40.34	12.93
09 73 00 00-0009	SY	Nylon 42 Oz Carpet Wall Covering	41.98	13.27
09 74		**Flexible Wood Sheets** *(09 70)*		
09 74 16		**Flexible Wood Veneers** *(09 74)*		
09 74 16 00-0001		Walnut *(09 74 16)*		
09 74 16 00-0002	SF	Walnut 1/32 In Thick Flexible Wood Veneer	8.93	3.28
09 74 16 00-0003		Exotic Wood *(09 74 16)*		
09 74 16 00-0004	SF	Exotic Wood 1/32 Thick, Flexible Wood Veneer	11.60	3.28
09 80		**Acoustic Treatment** *(09)*		
09 81		**Acoustic Insulation** *(09 80)*		
09 81 16		**Acoustic Blanket Insulation** *(09 81)*		
09 81 16 00-0001		Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*		
09 81 16 00-0002		2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.45	0.27
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.53	0.27
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.65	0.27
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.73	0.27
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.85	0.27
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.96	0.27
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.11	0.27
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.28	0.27
09 81 16 00-0011		4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*		
09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.42	0.27
09 81 16 00-0013		Sound Attenuation Batts *(09 81 16)* Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	0.89	0.37
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	0.94	0.37
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.97	0.37
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	1.06	0.37
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.08	0.37
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	1.07	0.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.11	0.37

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*
Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	8.95	1.84
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	13.07	1.84

09 84 13 00-0004 Sound Absorbing Acoustical Wall Panel System *(09 84 13)*
See CSI section 06 11 16 00-0127 for wood furring.

09 84 13 00-0005 Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*
Note: Includes tackable surface, molding and mounting hardware for flush mount.

09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	8.98	2.07
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	8.41	2.07
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	10.22	2.07
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	10.23	2.07
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	11.15	2.07
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	11.15	2.07

09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)*
Note: Includes molding and mounting hardware for flush mount.

09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	10.25	2.07
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	11.74	2.07
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	11.74	2.07
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	13.23	2.07
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	13.23	2.07

09 84 13 00-0018 Sound Absorbing Panel, Eggcrate Style *(09 84 13)*
Note: Ceiling or wall hung back.

09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	8.37	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	10.88	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	13.96	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	10.56	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	20.49	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	26.03	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	

09 85 Acoustic Sound Deadening *(09 80)*

09 85 00 00-0001 Sound Deadening Fiberboard *(09 85)*

09 85 00 00-0002	SF	1/2" Sound Deadening Fiberboard	1.30	0.46
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.42*	
		For Horizontal Installation Up To 10' High, Add	*0.28*	
		For Horizontal Installation >10' High, Add	*0.42*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.43*	
		For >128 To 320, Add	*0.25*	

09 90 Painting And Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

Note: (Sherwin Williams)

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated.

09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

09 91 13 00-0003	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush Work		0.84	
		For Oil Based Paint, Add		*0.05*	
		For Work >20', Add		*0.18*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.55*	
		For >100 To 250, Add		*0.26*	
		For >250 To 500, Add		*0.11*	
		For >2,500 To 5,000, Deduct		*-0.04*	
		For >5,000 To 10,000, Deduct		*-0.08*	
		For >10,000 To 20,000, Deduct		*-0.13*	
		For >20,000, Deduct		*-0.17*	
09 91 13 00-0004	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush Work		1.21	
		For Oil Based Paint, Add		*0.07*	
		For Work >20', Add		*0.27*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.82*	
		For >100 To 250, Add		*0.39*	
		For >250 To 500, Add		*0.17*	
		For >2,500 To 5,000, Deduct		*-0.06*	
		For >5,000 To 10,000, Deduct		*-0.12*	
		For >10,000 To 20,000, Deduct		*-0.18*	
		For >20,000, Deduct		*-0.24*	
09 91 13 00-0005	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush Work		1.73	
		For Oil Based Paint, Add		*0.10*	
		For Work >20', Add		*0.36*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*1.12*	
		For >100 To 250, Add		*0.53*	
		For >250 To 500, Add		*0.23*	
		For >2,500 To 5,000, Deduct		*-0.09*	
		For >5,000 To 10,000, Deduct		*-0.17*	
		For >10,000 To 20,000, Deduct		*-0.26*	
		For >20,000, Deduct		*-0.35*	
09 91 13 00-0006	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush/Roller Work		0.55	
		For Oil Based Paint, Add		*0.03*	
		For Work >20', Add		*0.11*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.33*	
		For >100 To 250, Add		*0.16*	
		For >250 To 500, Add		*0.07*	
		For >2,500 To 5,000, Deduct		*-0.03*	
		For >5,000 To 10,000, Deduct		*-0.06*	
		For >10,000 To 20,000, Deduct		*-0.08*	
		For >20,000, Deduct		*-0.11*	
09 91 13 00-0007	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush/Roller Work		0.92	
		For Oil Based Paint, Add		*0.06*	
		For Work >20', Add		*0.18*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.58*	
		For >100 To 250, Add		*0.27*	
		For >250 To 500, Add		*0.12*	
		For >2,500 To 5,000, Deduct		*-0.05*	
		For >5,000 To 10,000, Deduct		*-0.09*	
		For >10,000 To 20,000, Deduct		*-0.14*	
		For >20,000, Deduct		*-0.18*	
09 91 13 00-0008	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush/Roller Work		1.33	
		For Oil Based Paint, Add		*0.08*	
		For Work >20', Add		*0.25*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.79*	
		For >100 To 250, Add		*0.38*	
		For >250 To 500, Add		*0.17*	
		For >2,500 To 5,000, Deduct		*-0.07*	
		For >5,000 To 10,000, Deduct		*-0.13*	
		For >10,000 To 20,000, Deduct		*-0.20*	
		For >20,000, Deduct		*-0.27*	
09 91 13 00-0009	SF	Paint Exterior Brick Walls, 1 Coat Filler, Sprayed		0.47	
		For Oil Based Paint, Add		*0.03*	
		For Work >20', Add		*0.08*	
		Note: Applied only to work area above 20'.			
		For Up To 100, Add		*0.26*	
		For >100 To 250, Add		*0.13*	
		For >250 To 500, Add		*0.06*	
		For >2,500 To 5,000, Deduct		*-0.02*	
		For >5,000 To 10,000, Deduct		*-0.05*	
		For >10,000 To 20,000, Deduct		*-0.07*	
		For >20,000, Deduct		*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0010	SF	Paint Exterior Brick Walls, 1 Coat Paint, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0011	SF	Paint Exterior Brick Walls, 2 Coats Paint, Sprayed	1.02	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 13 00-0012 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

09 91 13 00-0013	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Brush Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0014	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Brush Work	0.79	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0015	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush Work	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0016	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0017	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Brush/Roller Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush/Roller Work	1.10	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0019	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Sprayed	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0020	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Sprayed	0.40	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	
09 91 13 00-0021	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Sprayed	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.10*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

09 91 13 00-0022 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0023 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0022)*

09 91 13 00-0024	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work	0.98	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0025	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush	1.14	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0026	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work	1.98	
		For Work >20', Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0027	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work	0.80	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0028	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work	0.89	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0029	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work	1.56	
		For Work >20', Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0030	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed	0.56	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0031	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed	0.62	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0032	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed	1.19	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 13 00-0033 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0022)*

09 91 13 00-0034	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush Work	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0035	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0036	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush Work	1.96	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0037	SF	Paint Exterior Concrete Block Walls, Texture Coat, Brush Work	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0038	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0039	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0040	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work	1.55	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0041	SF	Paint Exterior Concrete Block Walls, Texture Coat, Brush/Roller Work	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0042	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0043	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Sprayed	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0044	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Sprayed	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0045	SF	Paint Exterior Concrete Block Walls, Texture Coat, Sprayed	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

09 91 13 00-0046 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0047	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0048	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0049	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush Work	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.21*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0050	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush/Roller Work	0.57	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.08*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0051	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush/Roller Work	0.59	
		For Oil Based Paint, Add	*0.03*	
		For Orange Peel Finish, Add	*0.08*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0052	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush/Roller Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0053	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Sprayed	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0054	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0055	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Sprayed	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

09 91 13 00-0056 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0057 Paint Exterior Galvanized Walls *(09 91 13 00-0056)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0058	SF	Paint Exterior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work	0.86	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0059	SF	Paint Exterior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work	0.96	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0060	SF	Paint Exterior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work	1.72	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0061	SF	Paint Exterior Galvanized Walls, 1 Coat Primer, Brush/Roller Work	0.63	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0062	SF	Paint Exterior Galvanized Walls, 1 Coat Paint, Brush/Roller Work	0.74	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0063	SF	Paint Exterior Galvanized Walls, 2 Coats Paint, Brush/Roller Work	1.37	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0064	SF	Paint Exterior Galvanized Walls, 1 Coat Primer, Sprayed	0.44	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0065	SF	Paint Exterior Galvanized Walls, 1 Coat Paint, Sprayed	0.60	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0066	SF	Paint Exterior Galvanized Walls, 2 Coats Paint, Sprayed	0.99	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 13 00-0067 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0056)*

Note: Alkyd enamel paint.

09 91 13 00-0068	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work	0.86	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0069	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	0.96	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0070	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	1.72	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0071	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work	0.68	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0072	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.78	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0073	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.45	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0074	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed	0.49	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0075	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed	0.60	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0076	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed	0.99	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 13 00-0077 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0056)*

09 91 13 00-0078	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Primer, Per LF Of Stack	10.49	
		For Work >20', Add	*2.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*7.35*	
		For >100 To 250, Add	*3.46*	
		For >250 To 500, Add	*1.49*	
		For >2,500 To 5,000, Deduct	*-0.52*	
		For >5,000 To 10,000, Deduct	*-1.05*	
		For >10,000 To 20,000, Deduct	*-1.57*	
		For >20,000, Deduct	*-2.10*	
09 91 13 00-0079	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Paint, Per LF Of Stack	11.67	
		For Work >20', Add	*2.68*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*8.17*	
		For >100 To 250, Add	*3.84*	
		For >250 To 500, Add	*1.65*	
		For >2,500 To 5,000, Deduct	*-0.58*	
		For >5,000 To 10,000, Deduct	*-1.17*	
		For >10,000 To 20,000, Deduct	*-1.75*	
		For >20,000, Deduct	*-2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0080	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 2 Coats Paint, Per LF Of Stack	21.84	
		For Work >20', Add	*5.03*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*15.35*	
		For >100 To 250, Add	*7.21*	
		For >250 To 500, Add	*3.10*	
		For >2,500 To 5,000, Deduct	*-1.09*	
		For >5,000 To 10,000, Deduct	*-2.18*	
		For >10,000 To 20,000, Deduct	*-3.28*	
		For >20,000, Deduct	*-4.37*	

09 91 13 00-0081 Paint Exterior Corrugated Metal Walls *(09 91 13 00-0056)*

09 91 13 00-0082	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.56	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0083	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.77	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0084	SF	Paint Exterior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.25	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0085 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0086	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Primer, Brush Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0087	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Paint, Brush Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0088	SF	Paint Exterior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.53	
		For Oil Based Paint, Add	*0.14*	
		For Work >20', Add	*0.56*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0089	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush/Roller Work	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0090	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Brush/Roller Work	1.06	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0091	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush/Roller Work	1.93	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0092	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Sprayed	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0093	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Sprayed	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0094	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Sprayed	1.41	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0095 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0096 Paint Exterior Smooth Wood Siding *(09 91 13 00-0095)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0097	SF	Paint Exterior Wood Smooth Siding, 1 Coat Primer, Brush Work	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0098	SF	Paint Exterior Wood Smooth Siding, 1 Coat Paint, Brush Work	0.95	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0099	SF	Paint Exterior Wood Smooth Siding, 2 Coats Paint, Brush Work	1.68	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0100	SF	Paint Exterior Smooth Wood Siding, 1 Coat Primer, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0101	SF	Paint Exterior Smooth Wood Siding, 1 Coat Paint, Brush/Roller Work	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0102	SF	Paint Exterior Smooth Wood Siding, 2 Coats Paint, Brush/Roller Work	1.42	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0103	SF	Paint Exterior Smooth Wood Siding, 1 Coat Primer, Sprayed	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0104	SF	Paint Exterior Smooth Wood Siding, 1 Coat Paint, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0105	SF	Paint Exterior Smooth Wood Siding, 2 Coats Paint, Sprayed	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0106		Paint Exterior Rough Wood Siding *(09 91 13 00-0095)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0107	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Primer, Brush Work	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0108	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Paint, Brush Work	1.41	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0109	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Paint, Brush Work	2.60	
		For Oil Based Paint, Add	*0.14*	
		For Work >20', Add	*0.59*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.79*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 13 00-0110	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work	1.19	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0111	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0112	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work	2.38	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.46*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0113	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Sprayed	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0114	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Sprayed	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0115	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Sprayed	1.66	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

09 91 13 00-0116 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0117	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush Work	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0118	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush Work	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0119	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush Work	1.53	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0120	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0121	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0122	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush/Roller Work	1.25	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0123	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Sprayed	0.53	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0124	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0125	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Sprayed	1.19	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 13 00-0126 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0127 Paint Exterior Concrete Ceilings *(09 91 13 00-0126)*

09 91 13 00-0128	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0129	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0130	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work	1.59	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.13*	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0131	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0132	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0133	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0134	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Sprayed	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0135	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Sprayed	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0136	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Sprayed	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 13 00-0137 Drywall/Plaster *(09 91 13 00-0126)*

09 91 13 00-0138	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0139	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0140	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.60	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.23*	
		For Epoxy Paint, Add	*0.13*	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0141	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0142	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0143	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.28	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.18*	
		For Epoxy Paint, Add	*0.12*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0144	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed	0.44	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0145	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed	0.55	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0146	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 13 00-0147 Paint Exterior Wood Ceilings *(09 91 13 00-0126)*

09 91 13 00-0148 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0147)*

09 91 13 00-0149	SF	Paint Exterior Wood Smooth Ceiling, 1 Coat Primer, Brush Work	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0150	SF	Paint Exterior Wood Smooth Ceiling, 1 Coat Paint, Brush Work	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0151	SF	Paint Exterior Wood Smooth Ceiling, 2 Coats Paint, Brush Work	1.89	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0152	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0153	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0154	SF	Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.51	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0155	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Sprayed	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0156	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Sprayed	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0157	SF	Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Sprayed	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 13 00-0158 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0147)*

09 91 13 00-0159	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Primer, Brush Work	1.48	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0160	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Paint, Brush Work	1.56	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0161	SF	Paint Exterior Wood Rough Ceiling, 2 Coats Paint, Brush Work	2.70	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.61*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.87*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	
09 91 13 00-0162	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Brush/Roller Work	1.29	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0163	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Brush/Roller Work	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0164	SF	Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Brush/Roller Work	2.48	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.48*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0165	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Sprayed	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0166	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Sprayed	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0167	SF	Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Sprayed	1.76	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

09 91 13 00-0168 Paint Exterior Metal Ceilings *(09 91 13 00-0126)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0169		Paint Exterior Galvanized Ceilings *(09 91 13 00-0168)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0170	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush Work	0.96	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0171	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush Work	1.06	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0172	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush Work	1.93	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0173	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.73	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0174	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	0.83	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0175	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.45	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0176	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Sprayed	0.60	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0177	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Sprayed	0.70	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0178	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Sprayed	1.09	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0179		Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0168)*		
		Note: Alkyd enamel paint.		
09 91 13 00-0180	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work	0.96	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0181	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.06	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0182	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	1.93	
		For Work >20', Add	*0.41*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0183	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.78	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0184	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	0.88	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0185	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	1.55	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0186	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.60	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0187	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed	0.60	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0188	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed	1.09	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

09 91 13 00-0189 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0168)*

09 91 13 00-0190	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed	0.66	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0191	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed	0.77	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0192	SF	Paint Exterior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed	1.39	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 13 00-0193 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0194 Paint Exterior Concrete Floors *(09 91 13 00-0193)*

09 91 13 00-0195	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush Work	0.62	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0196	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0197	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush Work	1.28	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0198	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0199	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.60	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0200	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0201	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Sprayed	0.34	
		For Oil Based Paint, Add	*0.02*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 91 13 00-0202	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Sprayed	0.43	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0203	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Sprayed	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0204	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush/Roller Work	1.33	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0205	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work	2.90	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000, Deduct	*-0.58*	
09 91 13 00-0206	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work	3.56	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.36*	
		For >10,000 To 20,000, Deduct	*-0.53*	
		For >20,000, Deduct	*-0.71*	

09 91 13 00-0207 Paint Exterior Wood Floors *(09 91 13 00-0193)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0208	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush Work	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0209	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush Work	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0210	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush Work	1.57	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0211	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0212	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0213	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.21	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0214	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Sprayed	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0215	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Sprayed	0.56	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0216	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0217	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.43	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0218	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work	3.66	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 20,000, Deduct	*-0.55*	
		For >20,000, Deduct	*-0.73*	
09 91 13 00-0219		Paint Exterior Doors And Windows *(09 91 13)*		
09 91 13 00-0220		Paint Exterior Door Frames *(09 91 13 00-0219)*		
09 91 13 00-0221	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.05	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.27*	
09 91 13 00-0222	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.37	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.35*	
09 91 13 00-0223	LF	Paint Exterior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.32	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.60*	
09 91 13 00-0224	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.04	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.27*	
09 91 13 00-0225	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.36	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.35*	
09 91 13 00-0226	LF	Paint Exterior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.31	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.60*	
09 91 13 00-0227		Paint Exterior Metal Doors *(09 91 13 00-0219)*		
09 91 13 00-0228	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work	39.57	
		For Half Louvered Door, Add	*4.41*	
		For Full Louvered Door, Add	*7.36*	
		For Electrostatic Painting, Add	*5.48*	
		For >5 To 10, Deduct	*-1.98*	
		For >10 To 25, Deduct	*-3.96*	
		For >25, Deduct	*-5.94*	
09 91 13 00-0229	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work	39.57	
		For Half Louvered Door, Add	*4.41*	
		For Full Louvered Door, Add	*7.36*	
		For Electrostatic Painting, Add	*5.48*	
		For >5 To 10, Deduct	*-1.98*	
		For >10 To 25, Deduct	*-3.96*	
		For >25, Deduct	*-5.94*	
09 91 13 00-0230	EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work	69.85	
		For Half Louvered Door, Add	*7.45*	
		For Full Louvered Door, Add	*12.42*	
		For Electrostatic Painting, Add	*10.01*	
		For >5 To 10, Deduct	*-3.49*	
		For >10 To 25, Deduct	*-6.99*	
		For >25, Deduct	*-10.48*	
09 91 13 00-0231	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work	70.98	
		For Half Louvered Door, Add	*7.91*	
		For Full Louvered Door, Add	*13.19*	
		For Electrostatic Painting, Add	*9.83*	
		For >5 To 10, Deduct	*-3.55*	
		For >10 To 25, Deduct	*-7.10*	
		For >25, Deduct	*-10.65*	
09 91 13 00-0232	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work	70.98	
		For Half Louvered Door, Add	*7.91*	
		For Full Louvered Door, Add	*13.19*	
		For Electrostatic Painting, Add	*9.83*	
		For >5 To 10, Deduct	*-3.55*	
		For >10 To 25, Deduct	*-7.10*	
		For >25, Deduct	*-10.65*	
09 91 13 00-0233	EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work	125.71	
		For Half Louvered Door, Add	*13.39*	
		For Full Louvered Door, Add	*22.31*	
		For Electrostatic Painting, Add	*18.04*	
		For >5 To 10, Deduct	*-6.29*	
		For >10 To 25, Deduct	*-12.57*	
		For >25, Deduct	*-18.86*	
09 91 13 00-0234	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Sprayed	31.90	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.19*	
		For Electrostatic Painting, Add	*4.86*	
		For >5 To 10, Deduct	*-1.60*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.79*	
09 91 13 00-0235	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Sprayed	31.89	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.18*	
		For Electrostatic Painting, Add	*4.86*	
		For >5 To 10, Deduct	*-1.59*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.78*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0236		EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Sprayed	57.19	
			For Half Louvered Door, Add	*5.25*	
			For Full Louvered Door, Add	*8.75*	
			For Electrostatic Painting, Add	*9.05*	
			For >5 To 10, Deduct	*-2.86*	
			For >10 To 25, Deduct	*-5.72*	
			For >25, Deduct	*-8.58*	
09 91 13 00-0237		EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Sprayed	57.24	
			For Half Louvered Door, Add	*5.58*	
			For Full Louvered Door, Add	*9.30*	
			For Electrostatic Painting, Add	*8.73*	
			For >5 To 10, Deduct	*-2.86*	
			For >10 To 25, Deduct	*-5.72*	
			For >25, Deduct	*-8.59*	
09 91 13 00-0238		EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Sprayed	57.24	
			For Half Louvered Door, Add	*5.58*	
			For Full Louvered Door, Add	*9.30*	
			For Electrostatic Painting, Add	*8.73*	
			For >5 To 10, Deduct	*-2.86*	
			For >10 To 25, Deduct	*-5.72*	
			For >25, Deduct	*-8.59*	
09 91 13 00-0239		EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Sprayed	103.03	
			For Half Louvered Door, Add	*9.44*	
			For Full Louvered Door, Add	*15.73*	
			For Electrostatic Painting, Add	*16.32*	
			For >5 To 10, Deduct	*-5.15*	
			For >10 To 25, Deduct	*-10.30*	
			For >25, Deduct	*-15.45*	
09 91 13 00-0240		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	2.18	
			For Electrostatic Painting, Add	*0.24*	
09 91 13 00-0241		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	2.25	
			For Electrostatic Painting, Add	*0.26*	
09 91 13 00-0242		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	4.66	
			For Electrostatic Painting, Add	*0.53*	
09 91 13 00-0243		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.12	
			For Electrostatic Painting, Add	*0.24*	
09 91 13 00-0244		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.19	
			For Electrostatic Painting, Add	*0.26*	
09 91 13 00-0245		SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.23	
			For Electrostatic Painting, Add	*0.49*	

09 91 13 00-0246 Paint Exterior Wood Doors *(09 91 13 00-0219)*

09 91 13 00-0247		EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work	39.57	
			For Half Louvered Door, Add	*4.41*	
			For Full Louvered Door, Add	*7.36*	
			For >5 To 10, Deduct	*-1.98*	
			For >10 To 25, Deduct	*-3.96*	
			For >25, Deduct	*-5.94*	
09 91 13 00-0248		EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	39.57	
			For Half Louvered Door, Add	*4.41*	
			For Full Louvered Door, Add	*7.36*	
			For >5 To 10, Deduct	*-1.98*	
			For >10 To 25, Deduct	*-3.96*	
			For >25, Deduct	*-5.94*	
09 91 13 00-0249		EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	69.85	
			For Half Louvered Door, Add	*7.45*	
			For Full Louvered Door, Add	*12.42*	
			For >5 To 10, Deduct	*-3.49*	
			For >10 To 25, Deduct	*-6.99*	
			For >25, Deduct	*-10.48*	
09 91 13 00-0250		EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	70.98	
			For Half Louvered Door, Add	*7.91*	
			For Full Louvered Door, Add	*13.19*	
			For >5 To 10, Deduct	*-3.55*	
			For >10 To 25, Deduct	*-7.10*	
			For >25, Deduct	*-10.65*	
09 91 13 00-0251		EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work	70.98	
			For Half Louvered Door, Add	*7.91*	
			For Full Louvered Door, Add	*13.19*	
			For >5 To 10, Deduct	*-3.55*	
			For >10 To 25, Deduct	*-7.10*	
			For >25, Deduct	*-10.65*	
09 91 13 00-0252		EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work	125.71	
			For Half Louvered Door, Add	*13.39*	
			For Full Louvered Door, Add	*22.31*	
			For >5 To 10, Deduct	*-6.29*	
			For >10 To 25, Deduct	*-12.57*	
			For >25, Deduct	*-18.86*	
09 91 13 00-0253		EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Sprayed	31.89	
			For Half Louvered Door, Add	*3.11*	
			For Full Louvered Door, Add	*5.18*	
			For >5 To 10, Deduct	*-1.59*	
			For >10 To 25, Deduct	*-3.19*	
			For >25, Deduct	*-4.78*	
09 91 13 00-0254		EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Sprayed	31.89	
			For Half Louvered Door, Add	*3.11*	
			For Full Louvered Door, Add	*5.18*	
			For >5 To 10, Deduct	*-1.59*	
			For >10 To 25, Deduct	*-3.19*	
			For >25, Deduct	*-4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0255	EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Sprayed	57.22	
		For Half Louvered Door, Add	*5.26*	
		For Full Louvered Door, Add	*8.76*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.58*	
09 91 13 00-0256	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Sprayed	57.24	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	
09 91 13 00-0257	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Sprayed	57.24	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	
09 91 13 00-0258	EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Sprayed	103.03	
		For Half Louvered Door, Add	*9.44*	
		For Full Louvered Door, Add	*15.73*	
		For >5 To 10, Deduct	*-5.15*	
		For >10 To 25, Deduct	*-10.30*	
		For >25, Deduct	*-15.45*	
09 91 13 00-0259	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	2.20	
09 91 13 00-0260	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	2.25	
09 91 13 00-0261	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	4.66	
09 91 13 00-0262	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.12	
09 91 13 00-0263	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.19	
09 91 13 00-0264	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.23	

09 91 13 00-0265 Paint Exterior Metal Windows *(09 91 13 00-0219)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 13 00-0266	EA	Up To 8 SF Window Size, Paint Exterior Metal Window Including Trim	72.69	
		For Electrostatic Painting, Add	*8.28*	
		For >5 To 10, Deduct	*-3.63*	
		For >10 To 25, Deduct	*-7.27*	
		For >25, Deduct	*-10.90*	
09 91 13 00-0267	EA	>8 To 14 SF Window Size, Paint Exterior Metal Window Including Trim	86.49	
		For Electrostatic Painting, Add	*10.21*	
		For >5 To 10, Deduct	*-4.32*	
		For >10 To 25, Deduct	*-8.65*	
		For >25, Deduct	*-12.97*	
09 91 13 00-0268	EA	>14 To 20 SF Window Size, Paint Exterior Metal Window Including Trim	116.24	
		For Electrostatic Painting, Add	*13.84*	
		For >5 To 10, Deduct	*-5.81*	
		For >10 To 25, Deduct	*-11.62*	
		For >25, Deduct	*-17.44*	
09 91 13 00-0269	EA	>20 To 26 SF Window Size, Paint Exterior Metal Window Including Trim	130.85	
		For Electrostatic Painting, Add	*15.59*	
		For >5 To 10, Deduct	*-6.54*	
		For >10 To 25, Deduct	*-13.09*	
		For >25, Deduct	*-19.63*	
09 91 13 00-0270	EA	>26 To 34 SF Window Size, Paint Exterior Metal Window Including Trim	145.20	
		For Electrostatic Painting, Add	*17.28*	
		For >5 To 10, Deduct	*-7.26*	
		For >10 To 25, Deduct	*-14.52*	
		For >25, Deduct	*-21.78*	
09 91 13 00-0271	SF	>34 SF Window Size, Paint Exterior Metal Window Including Trim	4.61	
		For Electrostatic Painting, Add	*0.55*	

09 91 13 00-0272 Paint Exterior Wood Windows *(09 91 13 00-0219)*

Note: Two finish coats paint over primer.

09 91 13 00-0273	EA	Up To 8 SF Window Size, Paint Exterior Wood Window Including Trim	72.69	
		For >5 To 10, Deduct	*-3.63*	
		For >10 To 25, Deduct	*-7.27*	
		For >25, Deduct	*-10.90*	
09 91 13 00-0274	EA	>8 To 14 SF Window Size, Paint Exterior Wood Window Including Trim	86.49	
		For >5 To 10, Deduct	*-4.32*	
		For >10 To 25, Deduct	*-8.65*	
		For >25, Deduct	*-12.97*	
09 91 13 00-0275	EA	>14 To 20 SF Window Size, Paint Exterior Wood Window Including Trim	116.24	
		For >5 To 10, Deduct	*-5.81*	
		For >10 To 25, Deduct	*-11.62*	
		For >25, Deduct	*-17.44*	
09 91 13 00-0276	EA	>20 To 26 SF Window Size, Paint Exterior Wood Window Including Trim	130.85	
		For >5 To 10, Deduct	*-6.54*	
		For >10 To 25, Deduct	*-13.09*	
		For >25, Deduct	*-19.63*	
09 91 13 00-0277	EA	>26 To 34 SF Window Size, Paint Exterior Wood Window Including Trim	145.20	
		For >5 To 10, Deduct	*-7.26*	
		For >10 To 25, Deduct	*-14.52*	
		For >25, Deduct	*-21.78*	
09 91 13 00-0278	SF	>34 SF Window Size, Paint Exterior Wood Window Including Trim	4.87	

09 91 13 00-0279 Paint Exterior Security Screens *(09 91 13 00-0219)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0280	SF	Paint Exterior Security Screen, 1 Coat Primer, Brush/Roller Work	1.17	
		For Electrostatic Painting, Add	*0.14*	
09 91 13 00-0281	SF	Paint Exterior Security Screen, 1 Coat Paint, Brush/Roller Work	1.24	
		For Electrostatic Painting, Add	*0.14*	
09 91 13 00-0282	SF	Paint Exterior Security Screen, 2 Coats Paint, Brush/Roller Work	2.03	
		For Electrostatic Painting, Add	*0.23*	

09 91 13 00-0283 Paint Exterior Window Guards *(09 91 13 00-0219)*

09 91 13 00-0284	SF	Paint Exterior Metal Window Guards, 1 Coat Primer, Brush/Roller Work	1.17	
09 91 13 00-0285	SF	Paint Exterior Metal Window Guards, 1 Coat Paint, Brush/Roller Work	1.24	
09 91 13 00-0286	SF	Paint Exterior Metal Window Guards, 2 Coats Paint, Brush/Roller Work	2.03	

09 91 13 00-0287 Paint Exterior Window Trim *(09 91 13 00-0219)*

09 91 13 00-0288	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.08	
09 91 13 00-0289	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.08	
09 91 13 00-0290	LF	Paint Exterior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.28	
09 91 13 00-0291	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.15	
09 91 13 00-0292	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.15	
09 91 13 00-0293	LF	Paint Exterior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.41	

09 91 13 00-0294 Paint Roofing And Trim *(09 91 13)*

09 91 13 00-0295 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0294)*

09 91 13 00-0296	SF	Stain And Seal Shingles/Shake, 1 Coat, Brush/Roller Work	1.47	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0297	SF	Stain And Seal Shingles/Shake, 2 Coats, Brush/Roller Work	2.70	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	

09 91 13 00-0298 Paint Metal Roofing *(09 91 13 00-0294)*

09 91 13 00-0299	SF	Paint Metal Roofing, 1 Coat Paint, Brush/Roller Work	0.60	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0300	SF	Paint Metal Roofing, 2 Coats Paint, Brush/Roller Work	1.05	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0301 Paint Fascia Board *(09 91 13 00-0294)*

09 91 13 00-0302	LF	Paint Fascia Board, 1 Coat Primer, Brush/Roller Work	0.60	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0303	LF	Paint Fascia Board, 1 Coat Paint, Brush/Roller Work	0.60	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0304	LF	Paint Fascia Board, 2 Coats Paint, Brush/Roller Work	1.05	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0305 Paint Soffit *(09 91 13 00-0294)*

09 91 13 00-0306	SF	Paint Soffit, 1 Coat Primer, Brush/Roller Work	0.69	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0307	SF	Paint Soffit, 1 Coat Paint, Brush/Roller Work	0.69	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0308	SF	Paint Soffit, 2 Coats Paint, Brush/Roller Work	1.18	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0309 Paint Site Work *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0310 Paint Structural Steel *(09 91 13 00-0309)*

09 91 13 00-0311 Paint Structural Steel, Brush Work *(09 91 13 00-0310)*

09 91 13 00-0312	SF	Paint Structural Steel, 1 Field Coat Primer, Brush/Roller Work	0.81	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0313	SF	Paint Structural Steel, 1 Field Coat Paint, Brush/Roller Work	0.71	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.07*	

09 91 13 00-0314 Paint Structural Steel, Spray Work *(09 91 13 00-0310)*

09 91 13 00-0315	SF	Paint Structural Steel, 1 Field Coat Primer, Spray Work	0.54	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0316	SF	Paint Structural Steel, 1 Field Coat Paint, Spray Work	0.44	
		For Electrostatic Painting, Add	*0.06*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For Epoxy Paint, Add	*0.05*	

09 91 13 00-0317 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0310)*

09 91 13 00-0318	SF	Paint Exposed Metal Decking, 1 Coat Primer, Sprayed	0.61	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0319	SF	Paint Exposed Metal Decking, 1 Coat Paint, Sprayed	0.61	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0320	SF	Paint Exposed Metal Decking, 2 Coats Paint, Sprayed	1.02	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0321	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Brush/Roller Work	0.97	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0322	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Brush/Roller Work	0.96	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0323	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Brush/Roller Work	1.79	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0324	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Sprayed	0.73	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0325	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Sprayed	0.73	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0326	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Sprayed	1.23	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For Epoxy Paint, Add	*0.15*	

09 91 13 00-0327 Paint Steel Pipes *(09 91 13 00-0309)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0328	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Primer	1.41	
		For Electrostatic Painting, Add	*0.16*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0329	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Primer	1.58	
		For Electrostatic Painting, Add	*0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0330	LF	Paint Steel Pipes 4" Diameter, 1 Coat Primer	1.79	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0331	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Primer	2.23	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0332	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Primer	2.83	
		For Electrostatic Painting, Add	*0.33*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0333	LF	Paint Conduit, Steel Pipe 1/2"To 1-1/2" Diameter, 1 Coat Paint	1.41	
		For Electrostatic Painting, Add	*0.16*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0334	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Paint	1.58	
		For Electrostatic Painting, Add	*0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0335	LF	Paint Steel Pipes 4" Diameter, 1 Coat Paint	1.79	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0336	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Paint	2.23	
		For Electrostatic Painting, Add	*0.26*	
		For Epoxy Paint, Add	*0.18*	
09 91 13 00-0337	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Paint	2.83	
		For Electrostatic Painting, Add	*0.33*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0338	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 2 Coats	2.81	
		For Electrostatic Painting, Add	*0.34*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0339	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 2 Coats	3.16	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0340	LF	Paint Steel Pipes 4" Diameter, 2 Coats	3.41	
		For Electrostatic Painting, Add	*0.40*	
		For Epoxy Paint, Add	*0.29*	
09 91 13 00-0341	LF	Paint Steel Pipes 6" To 8" Diameter, 2 Coats	4.31	
		For Electrostatic Painting, Add	*0.50*	
		For Epoxy Paint, Add	*0.36*	
09 91 13 00-0342	LF	Paint Steel Pipes 10" To 12" Diameter, 2 Coats	5.30	
		For Electrostatic Painting, Add	*0.62*	
		For Epoxy Paint, Add	*0.45*	

09 91 13 00-0343 Paint Fencing *(09 91 13 00-0309)*

Note: Per side of fence. Based on gross fence area (length of fence x height of fence).

09 91 13 00-0344	SF	Paint Existing Chain Link Fence, 1 Coat Paint, Brush/Roller	0.71	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0345	SF	Paint Existing Chain Link Fence, 2 Coats Paint, Brush/Roller	1.30	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 91 13 00-0346	SF	Paint Existing Chain Link Fence, 1 Coat Paint, Sprayed	0.54	
		For Epoxy Paint, Add	*0.06*	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 91 13 00-0347	SF	Paint Existing Chain Link Fence, 2 Coats Paint, Sprayed	0.99	
		For Epoxy Paint, Add	*0.11*	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0348	SF	Paint Wrought Iron Fence, 1 Coat Primer, Brush/Roller	0.62	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0349	SF	Paint Wrought Iron Fence, 1 Coat, Brush/Roller	0.60	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0350	SF	Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller	0.41	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
09 91 13 00-0351	SF	Paint Picket Fence, 1 Coat Primer, Brush/Roller	0.87	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0352	SF	Paint Picket Fence, 1 Coat, Brush/Roller	0.87	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0353	SF	Paint Picket Fence, Each Additional Coat, Brush/Roller	0.61	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0354	SF	Paint Wood Fences 1 Coat, Brush/Roller	0.62	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0355	SF	Paint Wood Fences 2 Coats, Brush/Roller	1.09	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0356	SF	Paint Wood Fences 1 Coat, Sprayed	0.43	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
09 91 13 00-0357	SF	Paint Wood Fences 2 Coats, Sprayed	0.79	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	

09 91 13 00-0358 Paint Metal Louvers *(09 91 13 00-0309)*

09 91 13 00-0359	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Primer, Brush/Roller Work	1.17	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0360	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Alkyd, Brush/Roller Work	1.18	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0361	SF	Paint Ventilation Louver, SF Of Opening Area, 2 Coats Alkyd, Brush/Roller Work	2.39	
		For Electrostatic Painting, Add	*0.27*	

09 91 13 00-0362 Paint Ladders *(09 91 13 00-0309)*

09 91 13 00-0363	LF	Paint Ladders, 1 Coat Alkyd Primer, Brush/Roller Work	3.32	
		For Epoxy Paint, Add	*0.19*	
09 91 13 00-0364	LF	Paint Ladders, 1 Coat Alkyd Enamel, Brush/Roller Work	3.71	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0365	LF	Paint Ladders, 2 Coats Alkyd Enamel, Brush/Roller Work	7.35	
		For Epoxy Paint, Add	*0.40*	

09 91 13 00-0366 Paint Handrails *(09 91 13 00-0309)*

09 91 13 00-0367	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work	1.29	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0368	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work	1.44	
		For Epoxy Paint, Add	*0.09*	
09 91 13 00-0369	LF	Paint Hand Rail And Bracket, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work	2.39	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0370	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work	1.95	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0371	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work	2.18	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0372	LF	Paint Pipe Rail And Pickets, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work	3.84	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0373	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Primer, Brush/Roller Work	2.14	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0374	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Enamel, Brush/Roller Work	2.38	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0375	LF	Paint Pipe Rail And Pickets, 2 Rails, 2 Coats Alkyd Enamel, Brush/Roller Work	4.12	
		For Epoxy Paint, Add	*0.25*	
09 91 13 00-0376	LF	Paint Balustrades, 1 Coat Alkyd Primer, Brush/Roller Work	1.34	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0377	LF	Paint Balustrades, 1 Coat Alkyd Enamel, Brush/Roller Work	1.49	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0378	LF	Paint Balustrades, 2 Coats Alkyd Enamel, Brush/Roller Work	2.69	
		For Epoxy Paint, Add	*0.24*	

09 91 13 00-0379 Paint Grating *(09 91 13 00-0309)*

09 91 13 00-0380	SF	Paint Gratings And Frames, 1 Coat Primer, Brush/Roller Work	2.40	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0381	SF	Paint Gratings And Frames, 1 Coat Paint, Brush/Roller Work	2.42	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0382	SF	Paint Gratings And Frames, 2 Coats Paint, Brush/Roller Work	3.61	
		For Epoxy Paint, Add	*0.24*	

09 91 13 00-0383 Equipment And Tanks *(09 91 13 00-0309)*

09 91 13 00-0384 Valves, Primer And Finish Coats *(09 91 13 00-0383)*

09 91 13 00-0385	EA	Prime And Paint 4" And Smaller Valve	23.28
09 91 13 00-0386	EA	Prime And Paint 6" To 10" Valve	28.32
09 91 13 00-0387	EA	Prime And Paint 12" To 18" Valve	37.45
09 91 13 00-0388	EA	Prime And Paint 20" To 24" Valve	50.66
09 91 13 00-0389	EA	Prime And Paint >24" To 36" Valve	68.91
09 91 13 00-0390	EA	Prime And Paint >36" To 48" Valve	93.14

09 91 13 00-0391 Pumps And Motors. Primer And Finish Coats *(09 91 13 00-0383)*

09 91 13 00-0392	EA	Prime And Paint Pump Under 1 HP	70.80
09 91 13 00-0393	EA	Prime And Paint Pump, 1 HP To 5 HP	91.91
09 91 13 00-0394	EA	Prime And Paint Pump, >5 HP To 10 HP	108.94
09 91 13 00-0395	EA	Prime And Paint Pump, >10 HP To 20 HP	120.92
09 91 13 00-0396	EA	Prime And Paint Pump, >20 HP To 30 HP	141.06
09 91 13 00-0397	EA	Prime And Paint Pump, >30 HP To 50 HP	161.23
09 91 13 00-0398	EA	Prime And Paint Pump, >50 HP To 75 HP	177.30
09 91 13 00-0399	EA	Prime And Paint Pump, >75 HP	201.54

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0400		**Storage Tanks** *(09 91 13 00-0383)*		
09 91 13 00-0401	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Roller	0.85	
09 91 13 00-0402	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Roller	1.08	
09 91 13 00-0403	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Roller	2.05	
09 91 13 00-0404	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Roller	1.19	
09 91 13 00-0405	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Roller	1.48	
09 91 13 00-0406	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Roller	2.80	
09 91 13 00-0407	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Spray	0.80	
09 91 13 00-0408	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Spray	0.93	
09 91 13 00-0409	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Spray	1.78	
09 91 13 00-0410	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Spray	0.95	
09 91 13 00-0411	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Spray	1.20	
09 91 13 00-0412	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Spray	2.30	
09 91 13 00-0413		**Other Site Work Painting** *(09 91 13 00-0309)*		
09 91 13 00-0414		**Paint Shutters Or Blinds, Solid Panel** *(09 91 13 00-0413)*		
09 91 13 00-0415	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Brush Work	2.61	
09 91 13 00-0416	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Brush Work	2.62	
09 91 13 00-0417	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Brush Work	4.65	
09 91 13 00-0418	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Sprayed	1.45	
09 91 13 00-0419	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Sprayed	1.46	
09 91 13 00-0420	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Sprayed	2.68	
09 91 13 00-0421		**Paint Shutters Or Blinds, Louvered Panel** *(09 91 13 00-0413)*		
09 91 13 00-0422	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Brush Work	3.25	
09 91 13 00-0423	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Brush Work	3.26	
09 91 13 00-0424	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Brush Work	5.77	
09 91 13 00-0425	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Sprayed	1.77	
09 91 13 00-0426	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Sprayed	1.78	
09 91 13 00-0427	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Sprayed	3.28	
09 91 13 00-0428		**Paint Flagpoles** *(09 91 13 00-0413)*		
09 91 13 00-0429	EA	Paint Steel Flagpole, 20' High, 1 Coat Paint	156.78	
09 91 13 00-0430	EA	Paint Steel Flagpole, 30' High, 1 Coat Paint	210.52	
09 91 13 00-0431	EA	Paint Steel Flagpole, 40' High, 1 Coat Paint	264.28	
09 91 13 00-0432	EA	Paint Steel Flagpole, 50' High, 1 Coat Paint	318.05	
09 91 13 00-0433	EA	Paint Steel Flagpole, 70' High, 1 Coat Paint	419.85	
09 91 13 00-0434	EA	Paint Steel Flagpole, 80' High, 1 Coat Paint	472.90	
09 91 13 00-0435	EA	Paint Steel Flagpole, 90' High, 1 Coat Paint	525.95	
09 91 13 00-0436		**Paint Lattice Or Trellis** *(09 91 13 00-0413)*		
09 91 13 00-0437	SF	Paint Wood Lattice Or Trellis 1 Coat, Spray Per Side	1.14	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 91 13 00-0438	SF	Paint Wood Lattice Or Trellis 2 Coats, Spray Per Side	2.10	
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 91 13 00-0439		**Paint Exterior Stairs** *(09 91 13)*		
09 91 13 00-0440		**Paint Exterior Concrete Stairs** *(09 91 13 00-0439)*		
09 91 13 00-0441	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	14.47	
09 91 13 00-0442	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	14.47	
09 91 13 00-0443	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	17.55	
09 91 13 00-0444	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	26.48	
09 91 13 00-0445	RSR	Paint Exterior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	28.94	
09 91 13 00-0446		**Paint Exterior Metal Stairs** *(09 91 13 00-0439)*		
09 91 13 00-0447	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	7.42	
		For Oil Based Paint, Add	*0.39*	
09 91 13 00-0448	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	7.42	
		For Oil Based Paint, Add	*0.39*	
09 91 13 00-0449	RSR	Paint Exterior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	14.84	
		For Oil Based Paint, Add	*0.78*	
09 91 13 00-0450		**Paint Exterior Wood Stairs** *(09 91 13 00-0439)*		
09 91 13 00-0451	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	7.42	
09 91 13 00-0452	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	7.41	
09 91 13 00-0453	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	10.49	
09 91 13 00-0454	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	19.42	
09 91 13 00-0455	RSR	Paint Exterior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	14.83	
09 91 13 00-0456		**Paint Exterior Stair Nosing** *(09 91 13 00-0439)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0457	LF	Paint Exterior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.44	

09 91 13 00-0458 Paint Exterior Trim *(09 91 13)*

09 91 13 00-0459 Paint Exterior Metal Trim And Gutters *(09 91 13 00-0458)*

09 91 13 00-0460	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.01	
09 91 13 00-0461	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.01	
09 91 13 00-0462	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work	1.82	
09 91 13 00-0463	SF	Paint Exterior Metal Trim, 1 Coat Primer, Brush/Roller Work	0.81	
09 91 13 00-0464	SF	Paint Exterior Metal Trim, 1 Coat Paint, Brush/Roller Work	0.91	
09 91 13 00-0465	SF	Paint Exterior Metal Trim, 2 Coats Paint, Brush/Roller Work	1.62	
09 91 13 00-0466	LF	Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work	1.48	
09 91 13 00-0467	LF	Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work	1.98	

09 91 13 00-0468 Paint Exterior Wood Trim *(09 91 13 00-0458)*

09 91 13 00-0469	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	1.39	
		For Oil Based Paint, Add		*0.08*
09 91 13 00-0470	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.51	
		For Oil Based Paint, Add		*0.09*
09 91 13 00-0471	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work	2.73	
		For Oil Based Paint, Add		*0.16*
09 91 13 00-0472	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work	1.09	
		For Oil Based Paint, Add		*0.06*
09 91 13 00-0473	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work	1.21	
		For Oil Based Paint, Add		*0.07*
09 91 13 00-0474	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work	2.25	
		For Oil Based Paint, Add		*0.13*

09 91 13 00-0475 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0476	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Primer, Brush/Roller Work	1.07	
		For Epoxy Paint, Add		*0.10*
		For Electrostatic Painting, Add		*0.13*
09 91 13 00-0477	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	1.02	
		For Epoxy Paint, Add		*0.08*
		For Electrostatic Painting, Add		*0.12*
09 91 13 00-0478	SF	Paint Exterior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	2.07	
		For Epoxy Paint, Add		*0.17*
		For Electrostatic Painting, Add		*0.24*

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

09 91 23 00-0003	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush Work	0.92	
		For Oil Based Paint, Add		*0.05*
		For Up To 100, Add		*0.61*
		For >100 To 250, Add		*0.29*
		For >250 To 500, Add		*0.13*
		For >2,500 To 5,000, Deduct		*-0.05*
		For >5,000 To 10,000, Deduct		*-0.09*
		For >10,000 To 20,000, Deduct		*-0.14*
		For >20,000, Deduct		*-0.18*
09 91 23 00-0004	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush Work	1.06	
		For Oil Based Paint, Add		*0.06*
		For Up To 100, Add		*0.71*
		For >100 To 250, Add		*0.33*
		For >250 To 500, Add		*0.14*
		For >2,500 To 5,000, Deduct		*-0.05*
		For >5,000 To 10,000, Deduct		*-0.11*
		For >10,000 To 20,000, Deduct		*-0.16*
		For >20,000, Deduct		*-0.21*
09 91 23 00-0005	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush Work	1.88	
		For Oil Based Paint, Add		*0.11*
		For Up To 100, Add		*1.23*
		For >100 To 250, Add		*0.58*
		For >250 To 500, Add		*0.25*
		For >2,500 To 5,000, Deduct		*-0.09*
		For >5,000 To 10,000, Deduct		*-0.19*
		For >10,000 To 20,000, Deduct		*-0.28*
		For >20,000, Deduct		*-0.38*
09 91 23 00-0006	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush/Roller Work	0.75	
		For Oil Based Paint, Add		*0.04*
		For Up To 100, Add		*0.48*
		For >100 To 250, Add		*0.23*
		For >250 To 500, Add		*0.10*
		For >2,500 To 5,000, Deduct		*-0.04*
		For >5,000 To 10,000, Deduct		*-0.08*
		For >10,000 To 20,000, Deduct		*-0.11*
		For >20,000, Deduct		*-0.15*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0007	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush/Roller Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0008	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush/Roller Work	1.55	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0009	SF	Paint Interior Brick Walls, 1 Coat Filler, Sprayed	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0010	SF	Paint Interior Brick Walls, 1 Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0011	SF	Paint Interior Brick Walls, 2 Coats Paint, Sprayed	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0012	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush Work	0.94	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0013	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.77	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0014	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Spray	0.61	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

09 91 23 00-0015 Paint Interior Concrete Walls *(09 91 23 00-0001)*

09 91 23 00-0016	SF	Paint Interior Concrete Walls, 1 Coat Filler, Brush Work	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0017	SF	Paint Interior Concrete Walls, 1 Coat Paint, Brush Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0018	SF	Paint Interior Concrete Walls, 2 Coats Paint, Brush Work	1.57	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0019	SF	Paint Interior Concrete Walls, 1 Coat Filler, Brush/Roller Work	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0020	SF	Paint Interior Concrete Walls, 1 Coat Paint, Brush/Roller Work	0.73	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0021	SF	Paint Interior Concrete Walls, 2 Coats Paint, Brush/Roller Work	1.30	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0022	SF	Paint Interior Concrete Walls, 1 Coat Filler, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0023	SF	Paint Interior Concrete Walls, 1 Coat Paint, Sprayed	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 23 00-0024	SF	Paint Interior Concrete Walls, 2 Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0025	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush Work	0.81	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0026	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.65	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0027	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Sprayed	0.49	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	

09 91 23 00-0028 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0029 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0028)*

09 91 23 00-0030	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work	1.07	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0031	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush	1.24	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0032	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work	2.21	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0033	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work	0.86	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0034	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work	0.96	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0035	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work	1.81	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 23 00-0036	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed	0.63	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0037	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed	0.78	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0038	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed	1.38	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 91 23 00-0039 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0028)*

09 91 23 00-0040	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush Work	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0041	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0042	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush Work	2.14	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0043	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush Work	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0044	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0045	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0046	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work	1.77	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0047	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush/Roller Work	1.11	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0048	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Sprayed	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0049	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Sprayed	0.75	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0050	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Sprayed	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0051	SF	Paint Interior Concrete Block Walls, Texture Coat, Sprayed	0.86	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 23 00-0052 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0028)*

09 91 23 00-0053	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush	1.03	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0054	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.87	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0055	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Sprayed	0.68	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

09 91 23 00-0056 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

09 91 23 00-0057 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0056)*

09 91 23 00-0058	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0059	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush Work	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0060	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Work	1.60	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.23*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0061	SF	Paint Interior Plaster/Drywall Walls, 3 Coats Paint, Brush	2.27	
		For Oil Based Paint, Add	*0.13*	
		For Orange Peel Finish, Add	*0.32*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0062	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0063	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush/Roller Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.10*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0064	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work	1.30	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.18*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0065	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0066	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Sprayed	0.54	
		For Oil Based Paint, Add	*0.03*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.34*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 23 00-0067	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 23 00-0068 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0056)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0069		SF	Paint Interior Plaster/Drywall Or Masonry Walls, 2 Tone Polymix With Base Coat, Sprayed	1.40	
			For Up To 100, Add	*0.67*	
			For >100 To 250, Add	*0.33*	
			For >250 To 500, Add	*0.15*	
			For >2,500 To 5,000, Deduct	*-0.07*	
			For >5,000 To 10,000, Deduct	*-0.14*	
			For >10,000 To 20,000, Deduct	*-0.21*	
			For >20,000, Deduct	*-0.28*	
09 91 23 00-0070		SF	Paint Interior Plaster/Drywall Or Masonry Walls, 3 Tone Polymix With Base Coat, Sprayed	1.51	
			For Up To 100, Add	*0.68*	
			For >100 To 250, Add	*0.34*	
			For >250 To 500, Add	*0.15*	
			For >2,500 To 5,000, Deduct	*-0.08*	
			For >5,000 To 10,000, Deduct	*-0.15*	
			For >10,000 To 20,000, Deduct	*-0.23*	
			For >20,000, Deduct	*-0.30*	
09 91 23 00-0071		SF	Paint Interior Plaster/Drywall Or Masonry Walls, 4 Tone Polymix With Base Coat, Sprayed	1.62	
			For Up To 100, Add	*0.70*	
			For >100 To 250, Add	*0.35*	
			For >250 To 500, Add	*0.16*	
			For >2,500 To 5,000, Deduct	*-0.08*	
			For >5,000 To 10,000, Deduct	*-0.16*	
			For >10,000 To 20,000, Deduct	*-0.24*	
			For >20,000, Deduct	*-0.32*	

09 91 23 00-0072 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0056)*

09 91 23 00-0073		SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Primer, Sprayed	0.60	
			For Up To 100, Add	*0.35*	
			For >100 To 250, Add	*0.17*	
			For >250 To 500, Add	*0.07*	
			For >2,500 To 5,000, Deduct	*-0.03*	
			For >5,000 To 10,000, Deduct	*-0.06*	
			For >10,000 To 20,000, Deduct	*-0.09*	
			For >20,000, Deduct	*-0.12*	
09 91 23 00-0074		SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Finish, Sprayed	0.71	
			For Up To 100, Add	*0.43*	
			For >100 To 250, Add	*0.21*	
			For >250 To 500, Add	*0.09*	
			For >2,500 To 5,000, Deduct	*-0.04*	
			For >5,000 To 10,000, Deduct	*-0.07*	
			For >10,000 To 20,000, Deduct	*-0.11*	
			For >20,000, Deduct	*-0.14*	
09 91 23 00-0075		SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 2 Coats Finish, Sprayed	1.09	
			For Up To 100, Add	*0.61*	
			For >100 To 250, Add	*0.30*	
			For >250 To 500, Add	*0.13*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.11*	
			For >10,000 To 20,000, Deduct	*-0.16*	
			For >20,000, Deduct	*-0.22*	
09 91 23 00-0076		SF	Paint Interior Plaster/Drywall Walls, Stipple Finish (Drippowder)	1.30	
			For Up To 100, Add	*0.93*	
			For >100 To 250, Add	*0.44*	
			For >250 To 500, Add	*0.19*	
			For >2,500 To 5,000, Deduct	*-0.07*	
			For >5,000 To 10,000, Deduct	*-0.13*	
			For >10,000 To 20,000, Deduct	*-0.20*	
			For >20,000, Deduct	*-0.26*	

09 91 23 00-0077 Paint Interior Metal Walls *(09 91 23 00-0001)*

09 91 23 00-0078 Paint Interior Galvanized Walls *(09 91 23 00-0077)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0079		SF	Paint Interior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work	0.94	
			For Electrostatic Painting, Add	*0.12*	
			For Up To 100, Add	*0.62*	
			For >100 To 250, Add	*0.29*	
			For >250 To 500, Add	*0.13*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.09*	
			For >10,000 To 20,000, Deduct	*-0.14*	
			For >20,000, Deduct	*-0.19*	
09 91 23 00-0080		SF	Paint Interior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work	1.05	
			For Electrostatic Painting, Add	*0.13*	
			For Up To 100, Add	*0.70*	
			For >100 To 250, Add	*0.33*	
			For >250 To 500, Add	*0.14*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.11*	
			For >10,000 To 20,000, Deduct	*-0.16*	
			For >20,000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0081	SF	Paint Interior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work	1.88	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0082	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Brush/Roller Work	0.69	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0083	SF	Paint Interior Galvanized Wall , 1 Coat Paint, Brush/Roller Work	0.81	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0084	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Brush/Roller Work	1.50	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0085	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Sprayed	0.47	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0086	SF	Paint Interior Galvanized Walls, 1 Coat Paint, Sprayed	0.65	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0087	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Sprayed	1.06	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 23 00-0088 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0077)*

Note: Alkyd enamel paint.

09 91 23 00-0089	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work	0.94	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0090	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	1.05	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0091	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	1.88	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.38*	
09 91 23 00-0092	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work	0.74	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0093	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.85	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0094	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.58	
		For Electrostatic Painting, Add	*0.21*	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0095	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed	0.53	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 23 00-0096	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed	0.65	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0097	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed	1.06	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 23 00-0098 Paint Interior Corrugated Metal Walls *(09 91 23 00-0077)*

09 91 23 00-0099	SF	Paint Interior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.59	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0100	SF	Paint Interior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.84	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0101	SF	Paint Interior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.34	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 23 00-0102 Paint Interior Stucco Walls *(09 91 23 00-0001)*

09 91 23 00-0103	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush Work	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0104	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush Work	1.50	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0105	SF	Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.64	
		For Oil Based Paint, Add	*0.15*	
		For Up To 100, Add	*1.80*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
09 91 23 00-0106	SF	Paint Interior Stucco Walls, 1 Coat Primer, Brush/Roller Work	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0107	SF	Paint Interior Stucco Walls, 1 Coat Paint, Brush/Roller Work	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0108	SF	Paint Interior Stucco Walls, 2 Coats Paint, Brush/Roller Work	2.11	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0109	SF	Paint Interior Stucco Walls, 1 Coat Primer, Sprayed	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0110	SF	Paint Interior Stucco Walls, 1 Coat Paint, Sprayed	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0111	SF	Paint Interior Stucco Walls, 2 Coats Paint, Sprayed	1.54	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0112		Paint Interior Wood Walls *(09 91 23 00-0001)*		
09 91 23 00-0113		Interior Wood Walls *(09 91 23 00-0112)*		
09 91 23 00-0114	SF	Paint Interior Wood Wall Surfaces, 1 Coat Paint, Brush Work	1.03	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0115	SF	Paint Interior Wood Wall Surfaces, 2 Coats Paint, Brush Work	1.85	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0116	SF	Paint Interior Wood Wall Surfaces, 3 Coats Paint, Brush Work	2.63	
		For Oil Based Paint, Add	*0.15*	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.53*	
09 91 23 00-0117	SF	Paint Interior Wood Walls, 1 Coat Primer, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0118	SF	Paint Interior Wood Walls, 1 Coat Paint, Brush/Roller Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0119	SF	Paint Interior Wood Walls, 2 Coats Paint, Brush/Roller Work	1.42	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0120	SF	Paint Interior Wood Walls, 1 Coat Primer, Sprayed	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0121	SF	Paint Interior Wood Walls, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0122	SF	Paint Interior Wood Walls, 2 Coats Paint, Sprayed	1.06	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0123		Paint Interior Ceilings *(09 91 23)*		
09 91 23 00-0124		Paint Interior Acoustical Ceilings *(09 91 23 00-0123)*		
		Note: Includes grid.		
09 91 23 00-0125	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0126	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work	1.00	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0127	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work	1.75	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0128	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0129	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0130	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.41	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0131	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0132	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0133	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

09 91 23 00-0134 Paint Interior Concrete Ceilings *(09 91 23 00-0123)*

09 91 23 00-0135	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0136	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work	0.99	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0137	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work	1.75	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.14*	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0138	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0139	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0140	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.41	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0141	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Sprayed	0.57	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0142	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0143	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Sprayed	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0144	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work	0.92	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0145	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller	0.70	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0146	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Sprayed	0.59	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

09 91 23 00-0147 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0123)*

09 91 23 00-0148	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.13*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0149	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	1.00	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.14*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0150	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.75	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.25*	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0151	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0152	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0153	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.41	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.20*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0154	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0155	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0156	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

09 91 23 00-0157 Paint Interior Metal Ceilings *(09 91 23 00-0123)*

09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0157)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0159	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush Work	1.05	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0160	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush Work	1.16	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0161	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush Work	2.10	
		For Electrostatic Painting, Add	*0.26*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0162	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.80	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0163	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	0.91	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0164	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.67	
		For Electrostatic Painting, Add	*0.20*	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0165	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Sprayed	0.65	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0166	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Sprayed	0.76	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0167	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Sprayed	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	

09 91 23 00-0168 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0157)*

Note: Alkyd enamel paint.

09 91 23 00-0169	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work	1.05	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0170	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.16	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0171	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	2.10	
		For Electrostatic Painting, Add	*0.26*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0172	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.85	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0173	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	0.96	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0174	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	1.80	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 23 00-0175	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.65	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0176	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed	0.76	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0177	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed	1.17	
		For Electrostatic Painting, Add	*0.17*	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	

09 91 23 00-0178 Paint Interior Ceiling Tile Grid *(09 91 23 00-0157)*

Note: Grid only.

09 91 23 00-0179	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work	0.23	
		For Electrostatic Painting, Add	*0.03*	
		For Up To 100, Add	*0.16*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.03*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0180	LF	Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller Work	0.46	
		For Electrostatic Painting, Add	*0.05*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	

09 91 23 00-0181 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0157)*

09 91 23 00-0182	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed	0.87	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0183	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed	1.02	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0184	SF	Paint Interior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed	1.58	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 23 00-0185 Paint Interior Wood Ceilings *(09 91 23 00-0123)*

09 91 23 00-0186 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0185)*

09 91 23 00-0187	SF	Paint Interior Wood Smooth Ceiling, 1 Coat Primer, Brush Work	1.09	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0188	SF	Paint Interior Wood Smooth Ceiling, 1 Coat Paint, Brush Work	1.14	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0189	SF	Paint Interior Wood Smooth Ceiling, 2 Coats Paint, Brush Work	2.07	
		For Oil Based Paint, Add	*0.12*	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0190	SF	Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work	0.85	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0191	SF	Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0192	SF	Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0193	SF	Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Sprayed	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0194	SF	Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Sprayed	0.73	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0195	SF	Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Sprayed	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	

09 91 23 00-0196 Paint Interior Wood Beams *(09 91 23 00-0123)*

09 91 23 00-0197	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush Work	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0198	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0199	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush Work	2.27	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0200	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0201	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush/Roller Work	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0202	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work	1.76	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0203	SF	Paint Interior Wood Beams, 1 Coat Primer, Sprayed	0.73	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0204	SF	Paint Interior Wood Beams, 1 Coat Paint, Sprayed	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0205	SF	Paint Interior Wood Beams, 2 Coats Paint, Sprayed	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 23 00-0206 Paint Interior Floors And Decks *(09 91 23)*

09 91 23 00-0207 Paint Interior Concrete Floors And Decks *(09 91 23 00-0206)*

09 91 23 00-0208	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0209	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0210	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush Work	1.49	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0211	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0212	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0213	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0214	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Sprayed	0.45	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0215	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0216	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Sprayed	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0217	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush	0.70	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0218	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush/Roller Work	0.68	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0219	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Sprayed	0.47	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 23 00-0220	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.50	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0221	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work (Rust-Oleum® AS91864251)	3.73	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 20,000, Deduct	*-0.56*	
		For >20,000, Deduct	*-0.75*	

09 91 23 00-0222 Paint Interior Wood Floors And Decks *(09 91 23 00-0206)*

09 91 23 00-0223	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0224	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush Work	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0225	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush Work	1.73	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0226	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0227	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0228	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.42	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0229	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Sprayed	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0230	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Sprayed	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0231	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0232	SF	Paint Interior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.50	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0233	SF	Paint Interior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work	3.73	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 20,000, Deduct	*-0.56*	
		For >20,000, Deduct	*-0.75*	

09 91 23 00-0234 Paint Interior Doors And Windows *(09 91 23)*

09 91 23 00-0235 Paint Interior Door Frames *(09 91 23 00-0234)*

09 91 23 00-0236	LF	Paint Interior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.27*	
09 91 23 00-0237	LF	Paint Interior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.37	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.35*	
09 91 23 00-0238	LF	Paint Interior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.32	
		For Oil Based Paint, Add	*0.12*	
		For Painting One Face Of Frame Only, Deduct	*-0.60*	
09 91 23 00-0239	LF	Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.27*	
09 91 23 00-0240	LF	Paint Interior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0241	LF	Paint Interior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.31	
		For Oil Based Paint, Add	*0.12*	
		For Painting One Face Of Frame Only, Deduct	*-0.60*	

09 91 23 00-0242 Paint Interior Metal Doors *(09 91 23 00-0234)*

09 91 23 00-0243	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work	42.83	
		For Electrostatic Painting, Add	*5.81*	
		For Half Louvered Door, Add	*4.90*	
		For Full Louvered Door, Add	*8.17*	
		For Oil Based Paint, Add	*2.65*	
		For >5 To 10, Deduct	*-2.14*	
		For >10 To 25, Deduct	*-4.28*	
		For >25, Deduct	*-6.42*	
09 91 23 00-0244	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work	42.83	
		For Electrostatic Painting, Add	*5.81*	
		For Half Louvered Door, Add	*4.90*	
		For Full Louvered Door, Add	*8.17*	
		For Oil Based Paint, Add	*2.65*	
		For >5 To 10, Deduct	*-2.14*	
		For >10 To 25, Deduct	*-4.28*	
		For >25, Deduct	*-6.42*	
09 91 23 00-0245	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work	75.36	
		For Electrostatic Painting, Add	*10.56*	
		For Half Louvered Door, Add	*8.28*	
		For Full Louvered Door, Add	*13.80*	
		For Oil Based Paint, Add	*4.78*	
		For >5 To 10, Deduct	*-3.77*	
		For >10 To 25, Deduct	*-7.54*	
		For >25, Deduct	*-11.30*	
09 91 23 00-0246	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work	76.83	
		For Electrostatic Painting, Add	*10.42*	
		For Half Louvered Door, Add	*8.79*	
		For Full Louvered Door, Add	*14.65*	
		For Oil Based Paint, Add	*4.75*	
		For >5 To 10, Deduct	*-3.84*	
		For >10 To 25, Deduct	*-7.68*	
		For >25, Deduct	*-11.52*	
09 91 23 00-0247	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work	76.84	
		For Electrostatic Painting, Add	*10.42*	
		For Half Louvered Door, Add	*8.79*	
		For Full Louvered Door, Add	*14.65*	
		For Oil Based Paint, Add	*4.75*	
		For >5 To 10, Deduct	*-3.84*	
		For >10 To 25, Deduct	*-7.68*	
		For >25, Deduct	*-11.53*	
09 91 23 00-0248	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work	135.62	
		For Electrostatic Painting, Add	*19.03*	
		For Half Louvered Door, Add	*14.87*	
		For Full Louvered Door, Add	*24.79*	
		For Oil Based Paint, Add	*8.60*	
		For >5 To 10, Deduct	*-6.78*	
		For >10 To 25, Deduct	*-13.56*	
		For >25, Deduct	*-20.34*	
09 91 23 00-0249	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Sprayed	31.90	
		For Electrostatic Painting, Add	*4.86*	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.19*	
		For Oil Based Paint, Add	*2.15*	
		For >5 To 10, Deduct	*-1.60*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.79*	
09 91 23 00-0250	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Sprayed	31.89	
		For Electrostatic Painting, Add	*4.86*	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.18*	
		For Oil Based Paint, Add	*2.15*	
		For >5 To 10, Deduct	*-1.59*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.78*	
09 91 23 00-0251	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Sprayed	57.19	
		For Electrostatic Painting, Add	*9.05*	
		For Half Louvered Door, Add	*5.25*	
		For Full Louvered Door, Add	*8.75*	
		For Oil Based Paint, Add	*3.97*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.58*	
09 91 23 00-0252	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Sprayed	57.24	
		For Electrostatic Painting, Add	*8.73*	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For Oil Based Paint, Add	*3.87*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0253	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Sprayed	57.24	
		For Electrostatic Painting, Add	*8.73*	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For Oil Based Paint, Add	*3.87*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	
09 91 23 00-0254	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Sprayed	103.03	
		For Electrostatic Painting, Add	*16.32*	
		For Half Louvered Door, Add	*9.44*	
		For Full Louvered Door, Add	*15.73*	
		For Oil Based Paint, Add	*7.16*	
		For >5 To 10, Deduct	*-5.15*	
		For >10 To 25, Deduct	*-10.30*	
		For >25, Deduct	*-15.45*	

09 91 23 00-0255 Paint Interior Wood Doors *(09 91 23 00-0234)*

09 91 23 00-0256	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work	42.83	
		For Oil Based Paint, Add	*2.65*	
		For Half Louvered Door, Add	*4.90*	
		For Full Louvered Door, Add	*8.17*	
		For >5 To 10, Deduct	*-2.14*	
		For >10 To 25, Deduct	*-4.28*	
		For >25, Deduct	*-6.42*	
09 91 23 00-0257	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	42.83	
		For Oil Based Paint, Add	*2.65*	
		For Half Louvered Door, Add	*4.90*	
		For Full Louvered Door, Add	*8.17*	
		For >5 To 10, Deduct	*-2.14*	
		For >10 To 25, Deduct	*-4.28*	
		For >25, Deduct	*-6.42*	
09 91 23 00-0258	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	75.37	
		For Oil Based Paint, Add	*4.78*	
		For Half Louvered Door, Add	*8.28*	
		For Full Louvered Door, Add	*13.80*	
		For >5 To 10, Deduct	*-3.77*	
		For >10 To 25, Deduct	*-7.54*	
		For >25, Deduct	*-11.31*	
09 91 23 00-0259	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	76.84	
		For Oil Based Paint, Add	*4.75*	
		For Half Louvered Door, Add	*8.79*	
		For Full Louvered Door, Add	*14.65*	
		For >5 To 10, Deduct	*-3.84*	
		For >10 To 25, Deduct	*-7.68*	
		For >25, Deduct	*-11.53*	
09 91 23 00-0260	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work	76.84	
		For Oil Based Paint, Add	*4.75*	
		For Half Louvered Door, Add	*8.79*	
		For Full Louvered Door, Add	*14.65*	
		For >5 To 10, Deduct	*-3.84*	
		For >10 To 25, Deduct	*-7.68*	
		For >25, Deduct	*-11.53*	
09 91 23 00-0261	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work	135.62	
		For Oil Based Paint, Add	*8.60*	
		For Half Louvered Door, Add	*14.87*	
		For Full Louvered Door, Add	*24.79*	
		For >5 To 10, Deduct	*-6.78*	
		For >10 To 25, Deduct	*-13.56*	
		For >25, Deduct	*-20.34*	
09 91 23 00-0262	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Sprayed	31.89	
		For Oil Based Paint, Add	*2.15*	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.18*	
		For >5 To 10, Deduct	*-1.59*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.78*	
09 91 23 00-0263	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Sprayed	31.89	
		For Oil Based Paint, Add	*2.15*	
		For Half Louvered Door, Add	*3.11*	
		For Full Louvered Door, Add	*5.18*	
		For >5 To 10, Deduct	*-1.59*	
		For >10 To 25, Deduct	*-3.19*	
		For >25, Deduct	*-4.78*	
09 91 23 00-0264	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Sprayed	57.22	
		For Oil Based Paint, Add	*3.97*	
		For Half Louvered Door, Add	*5.26*	
		For Full Louvered Door, Add	*8.76*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.58*	
09 91 23 00-0265	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Sprayed	57.24	
		For Oil Based Paint, Add	*3.87*	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0266	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Sprayed	57.24	
		For Oil Based Paint, Add	*3.87*	
		For Half Louvered Door, Add	*5.58*	
		For Full Louvered Door, Add	*9.30*	
		For >5 To 10, Deduct	*-2.86*	
		For >10 To 25, Deduct	*-5.72*	
		For >25, Deduct	*-8.59*	
09 91 23 00-0267	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Sprayed	103.03	
		For Oil Based Paint, Add	*7.16*	
		For Half Louvered Door, Add	*9.44*	
		For Full Louvered Door, Add	*15.73*	
		For >5 To 10, Deduct	*-5.15*	
		For >10 To 25, Deduct	*-10.30*	
		For >25, Deduct	*-15.45*	

09 91 23 00-0268 Paint Interior Metal Windows *(09 91 23 00-0234)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0269	EA	Up To 8 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	80.01	
		For Oil Based Paint, Add	*4.34*	
		For Electrostatic Painting, Add	*9.01*	
		For >5 To 10, Deduct	*-4.00*	
		For >10 To 25, Deduct	*-8.00*	
		For >25, Deduct	*-12.00*	
09 91 23 00-0270	EA	>8 To 14 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	94.95	
		For Oil Based Paint, Add	*5.27*	
		For Electrostatic Painting, Add	*11.06*	
		For >5 To 10, Deduct	*-4.75*	
		For >10 To 25, Deduct	*-9.50*	
		For >25, Deduct	*-14.24*	
09 91 23 00-0271	EA	>14 To 20 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	127.51	
		For Oil Based Paint, Add	*7.12*	
		For Electrostatic Painting, Add	*14.97*	
		For >5 To 10, Deduct	*-6.38*	
		For >10 To 25, Deduct	*-12.75*	
		For >25, Deduct	*-19.13*	
09 91 23 00-0272	EA	>20 To 26 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	143.54	
		For Oil Based Paint, Add	*8.01*	
		For Electrostatic Painting, Add	*16.86*	
		For >5 To 10, Deduct	*-7.18*	
		For >10 To 25, Deduct	*-14.35*	
		For >25, Deduct	*-21.53*	
09 91 23 00-0273	EA	>26 To 34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	159.29	
		For Oil Based Paint, Add	*8.88*	
		For Electrostatic Painting, Add	*18.69*	
		For >5 To 10, Deduct	*-7.96*	
		For >10 To 25, Deduct	*-15.93*	
		For >25, Deduct	*-23.89*	
09 91 23 00-0274	SF	>34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	5.06	
		For Oil Based Paint, Add	*0.28*	
		For Electrostatic Painting, Add	*0.59*	

09 91 23 00-0275 Wood Windows *(09 91 23 00-0234)*

Note: Two finish coats paint over primer.

09 91 23 00-0276	EA	Up To 8 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	80.01	
		For Oil Based Paint, Add	*4.34*	
		For >5 To 10, Deduct	*-4.00*	
		For >10 To 25, Deduct	*-8.00*	
		For >25, Deduct	*-12.00*	
09 91 23 00-0277	EA	>8 To 14 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	94.95	
		For Oil Based Paint, Add	*5.27*	
		For >5 To 10, Deduct	*-4.75*	
		For >10 To 25, Deduct	*-9.50*	
		For >25, Deduct	*-14.24*	
09 91 23 00-0278	EA	>14 To 20 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	128.27	
		For Oil Based Paint, Add	*7.15*	
		For >5 To 10, Deduct	*-6.41*	
		For >10 To 25, Deduct	*-12.83*	
		For >25, Deduct	*-19.24*	
09 91 23 00-0279	EA	>20 To 26 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	144.40	
		For Oil Based Paint, Add	*8.06*	
		For >5 To 10, Deduct	*-7.22*	
		For >10 To 25, Deduct	*-14.44*	
		For >25, Deduct	*-21.66*	
09 91 23 00-0280	EA	>26 To 34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	159.29	
		For Oil Based Paint, Add	*8.88*	
		For >5 To 10, Deduct	*-7.96*	
		For >10 To 25, Deduct	*-15.93*	
		For >25, Deduct	*-23.89*	
09 91 23 00-0281	SF	>34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	5.34	
		For Oil Based Paint, Add	*0.30*	

09 91 23 00-0282 Paint Interior Security Screens *(09 91 23 00-0234)*

09 91 23 00-0283	SF	Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work	1.17	
		For Oil Based Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0284	SF	Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work	1.24	
		For Oil Based Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.14*	
09 91 23 00-0285	SF	Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work	2.03	
		For Oil Based Paint, Add	*0.11*	
		For Electrostatic Painting, Add	*0.23*	

09 91 23 00-0286 Paint Interior Window Guards *(09 91 23 00-0234)*

09 91 23 00-0287	SF	Paint Interior Metal Window Guards, 1 Coat Primer, Brush/Roller Work	1.17	
		For Oil Based Paint, Add	*0.07*	
09 91 23 00-0288	SF	Paint Interior Metal Window Guards, 1 Coat Paint, Brush/Roller Work	1.24	
		For Oil Based Paint, Add	*0.07*	
09 91 23 00-0289	SF	Paint Interior Metal Window Guards, 2 Coats Paint, Brush/Roller Work	2.03	
		For Oil Based Paint, Add	*0.11*	

09 91 23 00-0290 Paint Interior Window Trim *(09 91 23 00-0234)*

09 91 23 00-0291	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0292	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.32*	
09 91 23 00-0293	LF	Paint Interior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.38	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0294	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work Note: Brush/roller work.	1.21	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0295	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work Note: Brush/roller work.	1.21	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0296	LF	Paint Interior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work Note: Brush/roller work.	1.44	
		For Painting One Face Of Frame Only, Deduct	*-0.43*	

09 91 23 00-0297 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0298 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0297)*

09 91 23 00-0299	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Paint, Brush/Roller Work	1.18	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0300	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 1 Coat Alkyd Or Latex Paint, Brush/Roller Work	1.62	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0301	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 2 Coats Alkyd Or Latex Paint, Brush/Roller Work	2.52	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.38*	

09 91 23 00-0302 Paint Exposed Metal Lockers *(09 91 23 00-0297)*

09 91 23 00-0303	SF	Paint Exposed Metal Locker, 1 Coat Primer, Brush/Roller Work	1.07	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0304	SF	Paint Exposed Metal Locker, 1 Coat Alkyd Enamel, Brush/Roller Work	1.14	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0305	SF	Paint Exposed Metal Locker, 2 Coats Alkyd Enamel, Brush/Roller Work	2.07	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.31*	

09 91 23 00-0306 Paint Interior Stairs *(09 91 23)*

09 91 23 00-0307 Paint Interior Concrete Stairs *(09 91 23 00-0306)*

Note: Includes the riser and tread.

09 91 23 00-0308	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	16.04	
09 91 23 00-0309	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	16.04	
09 91 23 00-0310	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work Note: Excludes riser.	11.29	
09 91 23 00-0311	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work Note: Excludes riser.	20.22	
09 91 23 00-0312	RSR	Paint Interior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	32.07	

09 91 23 00-0313 Paint Interior Metal Stairs *(09 91 23 00-0306)*

Note: Includes the riser and tread.

09 91 23 00-0314	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.54	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0315	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.20	
09 91 23 00-0316	RSR	Paint Interior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.41	
09 91 23 00-0317		**Paint Interior Wood Stairs** *(09 91 23 00-0306)*		
		Note: Includes the riser and tread.		
09 91 23 00-0318	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.20	
09 91 23 00-0319	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.20	
09 91 23 00-0320	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	7.36	
		Note: Excludes riser.		
09 91 23 00-0321	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	16.29	
		Note: Excludes riser.		
09 91 23 00-0322	RSR	Paint Interior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.40	
09 91 23 00-0323		**Paint Interior Stair Nosing** *(09 91 23 00-0306)*		
09 91 23 00-0324	LF	Paint Interior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.44	
09 91 23 00-0325		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0326		**Paint Interior Metal Trim** *(09 91 23 00-0325)*		
09 91 23 00-0327	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.11	
09 91 23 00-0328	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.11	
09 91 23 00-0329	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work	2.00	
09 91 23 00-0330	SF	Paint Interior Metal Trim, 1 Coat Primer, Brush/Roller Work	1.11	
09 91 23 00-0331	SF	Paint Interior Metal Trim, 1 Coat Paint, Brush/Roller Work	1.11	
09 91 23 00-0332	SF	Paint Interior Metal Trim, 2 Coats Paint, Brush/Roller Work	2.00	
09 91 23 00-0333		**Paint Interior Wood Trim** *(09 91 23 00-0325)*		
09 91 23 00-0334	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Primer, Brush Work	0.72	
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0335	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Paint, Brush Work	0.80	
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0336	LF	Paint Interior Wood Trim To 6" Wide, 2 Coats Paint	1.68	
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0337	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush Work	2.20	
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0338	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush Work	2.44	
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0339	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush Work	5.22	
		For Oil Based Paint, Add	*0.28*	
09 91 23 00-0340	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work	2.20	
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0341	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work	2.44	
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0342	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work	5.22	
		For Oil Based Paint, Add	*0.28*	
09 91 23 00-0343		**Paint Additives** *(09 91 23)*		
09 91 23 00-0344	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0345	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.04	
		For Class "A" Fire Rating, Add	*0.04*	
09 91 23 00-0346		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0347	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.24	
09 91 23 00-0348	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.62	
09 91 23 00-0349	EA	2" To 3" High, Hand Paint, Per Letter/Number	3.99	
09 91 23 00-0350	EA	3" To 4" High, Hand Paint, Per Letter/Number	4.89	
09 91 23 00-0351	EA	4" To 6" High, Hand Paint, Per Letter/Number	6.74	
09 91 23 00-0352	EA	6" To 12" High, Hand Paint, Per Letter/Number	8.54	
09 91 23 00-0353	EA	Over 12" High, Hand Paint, Per Letter/Number	10.02	
09 91 23 00-0354		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0355		**Conduit/Pipe** *(09 91 23 00-0354)*		
09 91 23 00-0356	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	42.60	
09 91 23 00-0357	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	65.01	
09 91 23 00-0358	CSF	Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	50.41	
09 91 23 00-0359	CSF	Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	40.55	
09 91 23 00-0360	CSF	Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt	73.78	
09 91 23 00-0361	CSF	Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt	67.53	
09 91 23 00-0362		**Ductwork** *(09 91 23 00-0354)*		
09 91 23 00-0363	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	42.60	
09 91 23 00-0364	CSF	Metal Primer Ductwork With Glove/Mitt	53.76	
09 91 23 00-0365	CSF	Enamel, Oil Base Paint Ductwork With Glove/Mitt	45.81	
09 91 23 00-0366	CSF	Epoxy Coating, First Coat Ductwork With Glove/Mitt	71.39	
09 91 23 00-0367	CSF	Epoxy Coating, Second Coat Ductwork With Glove/Mitt	61.35	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0368		Stencil Painting Letters/Numbers *(09 91 23)*		
		Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0369	EA	Up To 1" High, Stencil Painting, Per Letter/Number	1.82	
		For >200 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000, Deduct	*-0.36*	
09 91 23 00-0370	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.12	
		For >200 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000, Deduct	*-0.42*	
09 91 23 00-0371	EA	2" To 3" High, Stencil Painting, Per Letter/Number	3.60	
		For >200 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000 To 2,000, Deduct	*-0.58*	
		For >2,000, Deduct	*-0.72*	
09 91 23 00-0372	EA	3" To 4" High, Stencil Painting, Per Letter/Number	4.41	
		For >200 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 2,000, Deduct	*-0.71*	
		For >2,000, Deduct	*-0.88*	
09 91 23 00-0373	EA	4" To 6" High, Stencil Painting, Per Letter/Number	6.07	
		For >200 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 2,000, Deduct	*-0.97*	
		For >2,000, Deduct	*-1.21*	
09 91 23 00-0374	EA	6" To 12" High, Stencil Painting, Per Letter/Number	8.08	
		For >200 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.29*	
		For >2,000, Deduct	*-1.62*	
09 91 23 00-0375	EA	Over 12" High, Stencil Painting, Per Letter/Number	9.54	
		For >200 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000 To 2,000, Deduct	*-1.53*	
		For >2,000, Deduct	*-1.91*	
09 91 23 00-0376		Logo Painting *(09 91 23)*		
09 91 23 00-0377	SF	Paint Logo (Simple Design)	35.35	
09 91 23 00-0378	SF	Paint Logo (Complex Design)	41.53	
09 91 23 00-0379		Paint Interior Miscellaneous Metal Surfaces *(09 91 23)*		
09 91 23 00-0380	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Brush/Roller Work	0.70	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0381	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	0.81	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0382	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	1.48	
		For Electrostatic Painting, Add	*0.17*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0383	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Sprayed	0.85	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0384	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd, Sprayed	0.85	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0385	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd, Sprayed	1.31	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	25.10
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	24.61
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	31.21
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	57.43
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	25.74
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	39.68
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	31.85
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	24.61
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	22.36
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	39.42
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	32.82
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	32.82
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	37.00
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	24.13
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	42.95
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	25.74
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	20.59
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	53.25
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	33.21
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	37.47

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	18.02
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	89.34
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	9.65
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	55.82
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	29.28
09 91 33 00-0028	GAL	Driveway Coating, Tar Emulsion, 120 SF Per Gallon	9.65
09 91 33 00-0029	GAL	Driveway Coating, Acrylic Latex, 250 SF Per Gallon	14.64
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	29.60
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	39.42
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	32.18
09 91 33 00-0033	GAL	Exterior, Oil Base, Flat	29.49
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	27.99
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	32.98
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	29.28
09 91 33 00-0037	GAL	Exterior, Latex Gloss Enamel, Water Base	41.68
09 91 33 00-0038	GAL	Cold Galvanizing Paint	180.83
09 91 33 00-0039	GAL	High Heat Paint	60.81
09 91 33 00-0040	GAL	Heat Resistant Paint	40.54
09 91 33 00-0041	GAL	Zinc Chromate Paint	36.68
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	14.48
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	40.54
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	29.28
09 91 33 00-0045	GAL	Alkyd Latex, Black	27.35
09 91 33 00-0046	GAL	Alkyd Latex, White	27.35
09 91 33 00-0047	GAL	Alkyd Latex, Colors	32.98
09 91 33 00-0048	QT	Wrought Iron Paint, Black	37.00
09 91 33 00-0049	GAL	Vinyl Paint	49.23
09 91 33 00-0050	GAL	Silicone Alkyd	59.85
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	60.81
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	76.26
09 91 33 00-0053	GAL	Chlorinated Rubber	55.99
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	57.92
09 91 33 00-0055	GAL	Coal Tar Epoxy	41.51
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	51.80
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	67.57
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	46.33
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	29.44
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	32.98
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	60.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	20.43	
09 91 33 00-0063	GAL	Linseed Oil	17.86	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	29.28	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	32.98	
09 91 33 00-0066	GAL	Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	30.16	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	24.24	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	16.73	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	31.21	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	27.83	
09 91 33 00-0072	GAL	Varnish, Clear	19.44	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	14.12	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	12.62	
09 91 33 00-0075	GAL	Polyurethane	22.15	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	29.37	
09 91 33 00-0077	GAL	Shellac, Clear	38.52	
09 91 33 00-0078	GAL	Acetone	12.71	
09 91 33 00-0079	GAL	Paint Thinner	3.14	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	12.87	
09 91 33 00-0081	GAL	Turpentine	17.70	
09 91 33 00-0082	GAL	Wood Filler Paste	30.24	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	24.13	

09 91 43 Surface Preparation *(09 91)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 91 43 00-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 91 43)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 91 43 00-0002 Concrete And Masonry Surfaces, Surface Preparation *(09 91 43 00-0001)*

09 91 43 00-0003	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation	0.41
		For Up To 100, Add	*0.72*
		For >100 To 250, Add	*0.18*
		For >250 To 500, Add	*0.09*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.04*
		For >15,000 To 30,000, Deduct	*-0.06*
		For >30,000, Deduct	*-0.08*
09 91 43 00-0004	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.66
		For Up To 100, Add	*1.14*
		For >100 To 250, Add	*0.29*
		For >250 To 500, Add	*0.14*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.10*
		For >30,000, Deduct	*-0.13*
09 91 43 00-0005	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.58
		For Up To 100, Add	*1.16*
		For >100 To 250, Add	*0.29*
		For >250 To 500, Add	*0.15*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.09*
		For >30,000, Deduct	*-0.12*
09 91 43 00-0006	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation	0.60
		For Up To 100, Add	*1.04*
		For >100 To 250, Add	*0.26*
		For >250 To 500, Add	*0.13*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.09*
		For >30,000, Deduct	*-0.12*
09 91 43 00-0007	SF	Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.38
		For Up To 100, Add	*0.62*
		For >100 To 250, Add	*0.16*
		For >250 To 500, Add	*0.08*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.04*
		For >15,000 To 30,000, Deduct	*-0.05*
		For >30,000, Deduct	*-0.07*
09 91 43 00-0008	SF	10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.09
		For Up To 100, Add	*1.98*
		For >100 To 250, Add	*0.50*
		For >250 To 500, Add	*0.25*
		For >5,000 To 10,000, Deduct	*-0.05*
		For >10,000 To 15,000, Deduct	*-0.11*
		For >15,000 To 30,000, Deduct	*-0.16*
		For >30,000, Deduct	*-0.21*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0009	SF	30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.84	
		For Up To 100, Add	*3.48*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.44*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 15,000, Deduct	*-0.18*	
		For >15,000 To 30,000, Deduct	*-0.27*	
		For >30,000, Deduct	*-0.36*	
09 91 43 00-0010	SF	Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation	2.47	
		For Heavy Condition Where Multiple Pass Is Required, Add	*1.24*	
		For Up To 100, Add	*4.46*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.56*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 30,000, Deduct	*-0.36*	
		For >30,000, Deduct	*-0.48*	

09 91 43 00-0011 Drywall *(09 91 43 00-0001)*

Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 91 43 00-0012	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping)	0.33	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 43 00-0013	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces	0.58	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.15*	
09 91 43 00-0014	SF	Scrape, Repair And Sand Severely Damaged Drywall Surfaces	1.07	
		For Up To 100, Add	*2.02*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.25*	

09 91 43 00-0015 Metal Surfaces, Surface Preparation *(09 91 43 00-0001)*

09 91 43 00-0016	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.66	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 91 43 00-0017	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 91 43 00-0018	SF	Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.23*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 91 43 00-0019	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.06	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 91 43 00-0020	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.37	
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 91 43 00-0021	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	0.80	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.15*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0022	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.08	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 91 43 00-0023	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.59	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.31*	
09 91 43 00-0024	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	2.66	
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 15,000, Deduct	*-0.25*	
		For >15,000 To 30,000, Deduct	*-0.39*	
		For >30,000, Deduct	*-0.51*	
09 91 43 00-0025	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.01	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 15,000, Deduct	*-0.19*	
		For >15,000 To 30,000, Deduct	*-0.29*	
		For >30,000, Deduct	*-0.39*	
09 91 43 00-0026	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.49	
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.23*	
		For >15,000 To 30,000, Deduct	*-0.36*	
		For >30,000, Deduct	*-0.48*	
09 91 43 00-0027	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.24	
		For Up To 100, Add	*2.07*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.30*	
		For >15,000 To 30,000, Deduct	*-0.47*	
		For >30,000, Deduct	*-0.62*	
09 91 43 00-0028	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	4.04	
		For Up To 100, Add	*2.59*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.52*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 15,000, Deduct	*-0.38*	
		For >15,000 To 30,000, Deduct	*-0.59*	
		For >30,000, Deduct	*-0.78*	

09 91 43 00-0029 Tile Surfaces *(09 91 43 00-0001)*

09 91 43 00-0030	SF	Alkaline Cleaner, Brush And Wash Tile Surface	0.38	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 91 43 00-0031	SF	Up To 5,000 PSI, Pressure Wash Tile Surface	0.27	
		For Up To 100, Add	*0.18*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.04*	
		For >30,000, Deduct	*-0.05*	

09 91 43 00-0032 Wood Surfaces *(09 91 43 00-0001)*

09 91 43 00-0033	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.19	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.17*	
		For >4,000, Deduct	*-0.06*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0034	SF	Chemical Clean, Brush And Wash Wood Surface	0.53	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 91 43 00-0035	SF	Hand Scrape Wood Surface	0.65	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 91 43 00-0036	SF	Steam Clean Wood Surface	0.59	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 91 43 00-0037	SF	Up To 5,000 PSI, Pressure Wash Wood Surface	0.41	
		For Up To 100, Add	*0.26*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 91 43 00-0038	SF	Sanding Wood Paneling, Boards, Doors, Etcetera	0.78	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.15*	
09 91 43 00-0039	SF	Sanding Wood Trim	1.05	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	
09 91 43 00-0040	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat	0.68	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	
09 91 43 00-0041	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat	0.79	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.15*	

09 91 43 00-0042 Vinyl Siding Surfaces *(09 91 43 00-0001)*

09 91 43 00-0043	SF	Hand Wash,Vinyl Siding Surfaces	0.60	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 91 43 00-0044	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces	0.33	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.06*	
09 91 43 00-0045	SF	Steam Clean, Vinyl Siding Surfaces	0.61	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0046		Prep Work *(09 91 43 00-0001)*		
09 91 43 00-0047	SF	Citrus Strip, Single Applications	0.98	
09 91 43 00-0048		Plaster/Stucco *(09 91 43 00-0001)*		
		Note: Based on total project quantity.		
09 91 43 00-0049	SF	Up To 5,000 PSI Pressure Wash Stucco Surfaces	0.43	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 91 43 00-0050		Paint Removal, Strip To Bare Wood *(09 91 43 00-0001)*		
09 91 43 00-0051	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	7.00	
09 91 43 00-0052	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	7.47	

09 93 Staining And Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining And Finishing *(09 93)*

09 93 13 13 Exterior Staining *(09 93 13)*

09 93 13 13-0001		Stain Sealer *(09 93 13 13)*		
		Note: Measured by surface area of wall or ceiling.		
09 93 13 13-0002	SF	Stain Sealer, Brush Work	0.85	
		For Ceiling Work, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 13-0003	SF	Stain Sealer, Brush/Roller Work	0.68	
		For Ceiling Work, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 93 13 13-0004	SF	Stain Sealer, Sprayed	0.24	
		For Ceiling Work, Add	*0.03*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	

09 93 23 Interior Staining And Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 53 Interior Finishing *(09 93 23)*

09 93 23 53-0001		Concrete Finishes *(09 93 23 53)*		
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.69	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >4,000, Deduct	*-0.03*	
09 93 23 53-0003		Wood Trim Finishes *(09 93 23 53)*		
09 93 23 53-0004	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.05	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >4,000, Deduct	*-0.05*	
09 93 23 53-0005	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.56	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >4,000, Deduct	*-0.08*	
09 93 23 53-0006	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.23	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.17*	
		For >4,000, Deduct	*-0.06*	
09 93 23 53-0007	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.84	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0008		Wood Floor Finishes *(09 93 23 53)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0009	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.45	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >4,000, Deduct	*-0.02*	
09 93 23 53-0010	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.32	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >4,000, Deduct	*-0.02*	
09 93 23 53-0011	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	2.51	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >4,000, Deduct	*-0.13*	
09 93 23 53-0012	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.62	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >4,000, Deduct	*-0.03*	
09 93 23 53-0013	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	2.85	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
		For >4,000, Deduct	*-0.14*	

09 93 23 53-0014 Wood Door And Window Finishes *(09 93 23 53)*

See CSI section 08 14 16 00-0175 for factory finish.

09 93 23 53-0015	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	51.22	
		For Up To 4, Add	*37.88*	
		For >4 To 10, Add	*17.70*	
		For >10 To 20, Add	*7.59*	
		For >160, Deduct	*-2.56*	
09 93 23 53-0016	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	35.81	
		For Up To 4, Add	*26.07*	
		For >4 To 10, Add	*12.20*	
		For >10 To 20, Add	*5.24*	
		For >160, Deduct	*-1.79*	
09 93 23 53-0017	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	37.01	
		For Up To 4, Add	*27.29*	
		For >4 To 10, Add	*12.76*	
		For >10 To 20, Add	*5.47*	
		For >160, Deduct	*-1.85*	
09 93 23 53-0018	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	111.27	
		For Up To 4, Add	*81.30*	
		For >4 To 10, Add	*38.05*	
		For >10 To 20, Add	*16.33*	
		For >160, Deduct	*-5.56*	

09 93 23 53-0019 Cabinet Finishes *(09 93 23 53)*

09 93 23 53-0020	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.26	
09 93 23 53-0021	SF	Stain Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.26	

09 93 23 53-0022 Gym, Stage And Dance Floor Finishes *(09 93 23 53)*

09 93 23 53-0023	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	1.56	
09 93 23 53-0024	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.60	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0025	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.69	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0026	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.77	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0027	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.60	
		For Stage Or Dance Floors, Deduct	*-0.07*	
09 93 23 53-0028	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.69	
		For Stage Or Dance Floors, Deduct	*-0.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0029	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.77	
		For Stage Or Dance Floors, Deduct	*-0.08*	

09 94 Decorative Finishing *(09 90)*

09 94 13 Textured Finishing *(09 94)*

09 94 13 00-0001	SF	Textured Metallic Paint (Scufmaster Enviremetal)	2.04	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Painting *(09 96 23)*

09 96 23 00-0002	SF	Anti-Graffiti Coating System, 1 Coat, Concrete Surface	1.66	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 96 23 00-0003	SF	Anti-Graffiti Coating System, 1 Coat, Brick Or Block	1.70	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
09 96 23 00-0004	SF	Anti-Graffiti Coating System, 1 Coat, Tile	1.43	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 96 23 00-0005	SF	Anti-Graffiti Coating System, 1 Coat, Metal Or Steel	1.39	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 96 23 00-0006	SF	Anti-Graffiti Coating System, 1 Coat, Wood	1.66	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 96 23 00-0007	SF	Anti-Graffiti Coating System, 1 Coat, Painted Surface	1.51	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
09 96 23 00-0008	SF	Anti-Graffiti Coating System, 2 Coats, Concrete Surface	3.14	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 96 23 00-0009	SF	Anti-Graffiti Coating System, 2 Coats, Brick Or Block	3.22	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 96 23 00-0010	SF	Anti-Graffiti Coating System, 2 Coats, Tile	2.69	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.32*	
09 96 23 00-0011	SF	Anti-Graffiti Coating System, 2 Coats, Metal Or Steel	2.61	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 96 23 00-0012	SF	Anti-Graffiti Coating System, 2 Coats, Wood	3.11	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.34*	
09 96 23 00-0013	SF	Anti-Graffiti Coating System, 2 Coats, Painted Surface	2.84	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric Painting *(09 96 53)*
Note: Per coat.

09 96 53 00-0002	SF	Paint, Brush, Elastomeric, Per Coat	2.19	
		For Work >20', Add *Note: Applied only to work area above 20'.*	*0.38*	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0003	SF	Paint, Roller, Elastomeric, Per Coat	1.74	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 96 53 00-0004	SF	Paint, Conventional Spray, Elastomeric, Per Coat	1.52	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 96 53 00-0005	SF	Paint, Airless Spray, Elastomeric, Per Coat	1.36	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	High Build Epoxy - 50 Mil	2.45	

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	5.27	

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	3.73	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	6.69	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	9.94	

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	3.02	

09 97 Special Coatings *(09 90)*

09 97 13 Steel Coatings *(09 97)*

09 97 13 23 Exterior Steel Coatings *(09 97 13)*

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.96	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.86	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 23-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.84	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.19	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	

09 97 13 23-0007 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0008	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.41	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0009	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.12	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0010	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	1.98	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	2.98	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	

09 97 13 23-0012 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0013	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.66	
		For Up To 100, Add	*3.15*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.64*	
09 97 13 23-0014	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.02	
		For Up To 100, Add	*2.69*	
		For >100 To 250, Add	*1.27*	
		For >250 To 500, Add	*0.55*	
09 97 13 23-0015	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.72	
		For Up To 100, Add	*2.47*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0016	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.56	
		For Up To 100, Add	*3.83*	
		For >100 To 250, Add	*1.80*	
		For >250 To 500, Add	*0.78*	

09 97 13 23-0017 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0018	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.49	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0019	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.98	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0020	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.83	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0021	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.04	
		For Up To 100, Add	*2.78*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.57*	

09 97 13 23-0022 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0023 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0024	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	0.86	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0025	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.64	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 13 23-0026	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.56	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 13 23-0027	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.05	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0028	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.26	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0029	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	0.92	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0030	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.81	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 23-0031	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.53	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	

09 97 13 23-0032 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0033	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.54	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0034	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.82	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0035	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.68	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0036	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.11	
		For Up To 100, Add	*2.13*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0037	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.91	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0038	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.37	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0039	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.26	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0040	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.34	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0041	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.00	
		For Up To 100, Add	*2.81*	
		For >100 To 250, Add	*1.32*	
		For >250 To 500, Add	*0.57*	
09 97 13 23-0042	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.82	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0043	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.59	
		For Up To 100, Add	*1.77*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0044	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.93	
		For Up To 100, Add	*3.50*	
		For >100 To 250, Add	*1.64*	
		For >250 To 500, Add	*0.71*	
09 97 13 23-0045	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.00	
		For Up To 100, Add	*2.11*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0046	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0047	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.95	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.70	
		For Up To 100, Add	*2.63*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.53*	

09 97 13 23-0049 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0050	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.97	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0051	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.60	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0052	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.47	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0053	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.46	
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0054	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.26	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0055	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.02	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0056	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.93	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0057	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.57	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0058	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.85	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0059	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.31	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0060	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.10	
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0061	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.60	
		For Up To 100, Add	*2.56*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0062	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.83	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0063	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.48	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0064	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.34	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0065	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.30	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	

09 97 13 23-0066 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0067	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.14	
		For Up To 100, Add	*1.97*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0068	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.25	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0069	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.97	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0070	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.58	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0071	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.20	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0072	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.58	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0073	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.39	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0074	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.51	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	

09 97 13 23-0075 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0076	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.32	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0077	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.41	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0078	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.13	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0079	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.77	
		For Up To 100, Add	*2.32*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0080	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.73	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0081	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.98	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0082	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.75	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0083	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	3.09	
		For Up To 100, Add	*1.90*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	

09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0085	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.00	
		For Up To 100, Add	*4.30*	
		For >100 To 250, Add	*2.06*	
		For >250 To 500, Add	*0.89*	
09 97 13 23-0086	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.24	
		For Up To 100, Add	*3.08*	
		For >100 To 250, Add	*1.48*	
		For >250 To 500, Add	*0.65*	
09 97 13 23-0087	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.02	
		For Up To 100, Add	*2.92*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0088	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.22	
		For Up To 100, Add	*5.20*	
		For >100 To 250, Add	*2.47*	
		For >250 To 500, Add	*1.07*	

09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0090	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.61	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0091	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.77	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0092	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.63	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0093	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.13	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0094	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.86	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0095	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.19	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0096	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.09	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0097	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	3.27	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.41*	

09 97 13 23-0098 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0099	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.16	
		For Up To 100, Add	*2.02*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0100	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.56	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0101	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.35	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0102	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	3.95	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.53*	

09 97 13 23-0103 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0104	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.10	
		For Up To 100, Add	*2.06*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0105	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.16	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0106	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.81	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0107	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.54	
		For Up To 100, Add	*2.37*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	

09 97 13 23-0108 One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0109	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	1.58	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0110	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.12	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0111	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.05	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0112	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	1.66	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	

09 97 13 23-0113 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0022)*

Note: Installed over existing primer.

09 97 13 23-0114	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.49	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0115	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.02	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0116	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	1.75	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0117	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	2.93	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	

09 97 13 24 Steel Water Storage Tank Painting *(09 97 13)*

09 97 13 24-0001 Surface Preparation For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

09 97 13 24-0002 SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.37	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.21	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.72	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	

09 97 13 24-0006 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.81	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.66	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.09	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	

09 97 13 24-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.97	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.82	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.58	
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	

09 97 13 24-0014 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.54	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.40	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.46*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	4.83	
		For Up To 100, Add	*3.31*	
		For >100 To 250, Add	*1.56*	
		For >250 To 500, Add	*0.67*	

09 97 13 24-0018 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.82	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.82	
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.89*	
		For >250 To 500, Add	*0.38*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.03	
		For Up To 100, Add	*2.78*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.56*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0022		Protective Coatings For Tanks *(09 97 13 24)* Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0023		1.5 Mil Prime Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0024	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.50	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
09 97 13 24-0025	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.40	
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
09 97 13 24-0026	SF	Spray Tank Interior 1.5 Mil Prime Coat	0.99	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0027	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.71	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0028	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.56	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0029	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.45	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0030		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0031	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.46	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0032	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.11	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0033	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.78	
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0034	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.10	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0035	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	0.84	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0036	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.08	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0037	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.24	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 24-0038	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.66	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0039	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.42	
		For Up To 100, Add	*3.15*	
		For >100 To 250, Add	*1.48*	
		For >250 To 500, Add	*0.64*	
09 97 13 24-0040	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.68	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0041	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.24	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0042	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.32	
		For Up To 100, Add	*2.36*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0043		Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0044	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.31	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0045	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.11	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0046	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.92	
		For Up To 100, Add	*2.07*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0047	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.84	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0048	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.71	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0049	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	1.87	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0050	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.88	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0051	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.57	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0052	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.61	
		For Up To 100, Add	*3.38*	
		For >100 To 250, Add	*1.58*	
		For >250 To 500, Add	*0.68*	
09 97 13 24-0053	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.21	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0054	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.00	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0055	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.00	
		For Up To 100, Add	*2.17*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	

09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0057	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.82	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0058	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.54	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0059	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.26	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0060	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.07	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	

09 97 13 24-0061 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.98	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.70	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.62	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.39	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	

09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0067	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.85	
		For Up To 100, Add	*2.82*	
		For >100 To 250, Add	*1.36*	
		For >250 To 500, Add	*0.59*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.43	
		For Up To 100, Add	*2.50*	
		For >100 To 250, Add	*1.21*	
		For >250 To 500, Add	*0.53*	
09 97 13 24-0069	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.63	
		For Up To 100, Add	*4.90*	
		For >100 To 250, Add	*2.33*	
		For >250 To 500, Add	*1.01*	

09 97 13 24-0070 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0071	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.47	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0072	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.18	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0073	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.84	
		For Up To 100, Add	*2.33*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0074	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	1.96	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0075	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	1.71	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0076	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	3.03	
		For Up To 100, Add	*1.84*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	

09 97 13 24-0077 Two 8 Mil Coal Tar Epoxy Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0078	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.33	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0079	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	1.91	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0080	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	3.02	
		For Up To 100, Add	*1.95*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	

09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0082	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.59	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.45	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0084	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.50	
		For Up To 100, Add	*1.63*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	

09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 13 24-0022)*

09 97 13 24-0086	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.55	
		For Up To 100, Add	*2.20*	
		For >100 To 250, Add	*1.05*	
		For >250 To 500, Add	*0.46*	
09 97 13 24-0087	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	2.08	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	

09 97 13 24-0088 One 3 Mil High Zinc Silicate Coat For Tanks *(09 97 13 24-0022)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0089	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	0.97	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0090	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	0.94	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0091	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	1.59	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0092		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0022)*		
		Note: Installed over existing primer.		
09 97 13 24-0093	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.66	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0094	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.46	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.35	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0096		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	6.27	
		For Up To 100, Add	*4.11*	
		For >100 To 250, Add	*1.95*	
		For >250 To 500, Add	*0.84*	

09 97 26 Cementitious Coatings *(09 97)*

09 97 26 13 Interior Cementitious Coatings *(09 97 26)*

09 97 26 13-0001 Ceramic-Like Glazed Coating *(09 97 26 13)*

09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*

09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.16

09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*

09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	1.87

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001 Dry-Erase Paint *(09 97 35)*

09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	7.88

09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: For application over existing latex-based top coats.	4.13
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: Includes two coats of primer and white or black surface coat.	8.34

09 97 63 Special Coatings *(09 97)*

09 97 63 00-0001 Acrylic Glazed Coating *(09 97 63)*

09 97 63 00-0002	SF	Acrylic Glazed Coating	1.46

END OF SECTION 09

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	42.55	7.81
		For >3 To 9, Deduct	*-2.02*	
		For >9, Deduct	*-4.17*	
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	27.35	3.67
		For >3 To 9, Deduct	*-1.50*	
		For >9, Deduct	*-3.10*	
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.65	3.17
		For >3 To 9, Deduct	*-1.30*	
		For >9, Deduct	*-2.68*	
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.68	2.07
		For >3 To 9, Deduct	*-1.17*	
		For >9, Deduct	*-2.41*	
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	16.52	1.15
		For >3 To 9, Deduct	*-1.07*	
		For >9, Deduct	*-2.21*	

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	45.05	7.81
		For >3 To 9, Deduct	*-2.21*	
		For >9, Deduct	*-4.56*	
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	29.79	3.67
		For >3 To 9, Deduct	*-1.68*	
		For >9, Deduct	*-3.48*	
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	25.89	3.17
		For >3 To 9, Deduct	*-1.47*	
		For >9, Deduct	*-3.03*	
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.40	2.07
		For >3 To 9, Deduct	*-1.37*	
		For >9, Deduct	*-2.83*	
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.19	1.15
		For >3 To 9, Deduct	*-1.27*	
		For >9, Deduct	*-2.62*	

10 11 13 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.

10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	41.01	7.81
		For >3 To 9, Deduct	*-1.90*	
		For >9, Deduct	*-3.94*	
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	25.78	3.67
		For >3 To 9, Deduct	*-1.38*	
		For >9, Deduct	*-2.86*	
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	22.14	3.17
		For >3 To 9, Deduct	*-1.19*	
		For >9, Deduct	*-2.45*	
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	18.42	2.07
		For >3 To 9, Deduct	*-1.07*	
		For >9, Deduct	*-2.21*	
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	15.11	1.15
		For >3 To 9, Deduct	*-0.96*	
		For >9, Deduct	*-1.99*	

10 11 13 13-0020 Remove And Reinstall *(10 11 13 13)*

10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	9.62	
		For >3 To 9, Deduct	*-0.03*	
		For >9, Deduct	*-0.07*	

10 11 13 13-0022 Field Applied Chalkboard And Accessories *(10 11 13 13)*

10 11 13 13-0023 Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	14.07	3.67
		Note: Includes porcelain enamel steel chalkboard skin.		
		For >3 To 9, Deduct	*-0.54*	
		For >9, Deduct	*-1.11*	
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	16.85	3.67
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
		For >3 To 9, Deduct	*-0.75*	
		For >9, Deduct	*-1.54*	

10 11 13 13-0026 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*

10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	15.95	5.05
		For >3 To 9, Deduct	*-0.43*	
		For >9, Deduct	*-0.89*	
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	22.86	9.18
		For >3 To 9, Deduct	*-0.34*	
		For >9, Deduct	*-0.69*	
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	12.02	5.05
		For >3 To 9, Deduct	*-0.14*	
		For >9, Deduct	*-0.28*	
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	12.32	5.05
		For >3 To 9, Deduct	*-0.16*	
		For >9, Deduct	*-0.33*	
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	13.23	5.05
		For >3 To 9, Deduct	*-0.23*	
		For >9, Deduct	*-0.47*	
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	13.98	5.05
		For >3 To 9, Deduct	*-0.28*	
		For >9, Deduct	*-0.58*	
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	12.79	5.05
		For >3 To 9, Deduct	*-0.19*	
		For >9, Deduct	*-0.40*	

10 11 13 33 Rail-Mounted Chalkboards *(10 11 13)*

10 11 13 33-0001 Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*

10 11 13 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	1,988.16	91.87
		For >3 To 9, Deduct	*-135.33*	
		For >9, Deduct	*-279.69*	
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,233.37	91.87
		For >3 To 9, Deduct	*-153.72*	
		For >9, Deduct	*-317.69*	
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,530.21	97.84
		For >3 To 9, Deduct	*-175.09*	
		For >9, Deduct	*-361.85*	
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,815.11	97.84
		For >3 To 9, Deduct	*-196.46*	
		For >9, Deduct	*-406.01*	
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,509.72	105.19
		For >3 To 9, Deduct	*-247.45*	
		For >9, Deduct	*-511.40*	
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,736.97	105.19
		For >3 To 9, Deduct	*-264.49*	
		For >9, Deduct	*-546.62*	
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,223.32	110.25
		For >3 To 9, Deduct	*-300.21*	
		For >9, Deduct	*-620.44*	
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,787.45	110.25
		For >3 To 9, Deduct	*-342.52*	
		For >9, Deduct	*-707.88*	

10 11 13 33-0011 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,719.59	91.87
		For >3 To 9, Deduct	*-190.19*	
		For >9, Deduct	*-393.06*	
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,227.51	91.87
		For >3 To 9, Deduct	*-228.28*	
		For >9, Deduct	*-471.78*	
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,694.45	97.84
		For >3 To 9, Deduct	*-262.41*	
		For >9, Deduct	*-542.31*	
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,160.79	97.84
		For >3 To 9, Deduct	*-297.38*	
		For >9, Deduct	*-614.59*	
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,743.89	105.19
		For >3 To 9, Deduct	*-340.01*	
		For >9, Deduct	*-702.69*	
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,949.40	105.19
		For >3 To 9, Deduct	*-355.43*	
		For >9, Deduct	*-734.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,805.25	110.25
		For >3 To 9, Deduct	*-418.86*	
		For >9, Deduct	*-865.64*	
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,491.28	110.25
		For >3 To 9, Deduct	*-470.31*	
		For >9, Deduct	*-971.97*	

10 11 13 33-0020 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,031.44	91.87
		For >3 To 9, Deduct	*-213.58*	
		For >9, Deduct	*-441.39*	
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,446.75	91.87
		For >3 To 9, Deduct	*-244.73*	
		For >9, Deduct	*-505.77*	
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,895.73	97.84
		For >3 To 9, Deduct	*-277.50*	
		For >9, Deduct	*-573.51*	
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,372.47	97.84
		For >3 To 9, Deduct	*-313.26*	
		For >9, Deduct	*-647.40*	
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,295.77	105.19
		For >3 To 9, Deduct	*-381.40*	
		For >9, Deduct	*-788.24*	
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,514.51	105.19
		For >3 To 9, Deduct	*-397.81*	
		For >9, Deduct	*-822.14*	
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,513.06	110.25
		For >3 To 9, Deduct	*-471.94*	
		For >9, Deduct	*-975.35*	
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,272.38	110.25
		For >3 To 9, Deduct	*-528.89*	
		For >9, Deduct	*-1,093.04*	

10 11 13 33-0029 Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*

10 11 13 33-0030 One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,377.95	91.87
		For >3 To 9, Deduct	*-164.57*	
		For >9, Deduct	*-340.10*	
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,625.05	91.87
		For >3 To 9, Deduct	*-183.10*	
		For >9, Deduct	*-378.40*	
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,870.86	97.84
		For >3 To 9, Deduct	*-200.64*	
		For >9, Deduct	*-414.65*	
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,299.85	97.84
		For >3 To 9, Deduct	*-232.81*	
		For >9, Deduct	*-481.15*	
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,615.03	105.19
		For >3 To 9, Deduct	*-255.35*	
		For >9, Deduct	*-527.72*	
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,010.94	105.19
		For >3 To 9, Deduct	*-285.04*	
		For >9, Deduct	*-589.09*	

10 11 13 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,491.09	91.87
		For >3 To 9, Deduct	*-248.05*	
		For >9, Deduct	*-512.64*	
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,874.72	91.87
		For >3 To 9, Deduct	*-276.82*	
		For >9, Deduct	*-572.10*	
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,258.95	97.84
		For >3 To 9, Deduct	*-304.75*	
		For >9, Deduct	*-629.81*	
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,964.79	97.84
		For >3 To 9, Deduct	*-357.68*	
		For >9, Deduct	*-739.21*	
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,403.72	105.19
		For >3 To 9, Deduct	*-389.50*	
		For >9, Deduct	*-804.97*	
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,044.36	105.19
		For >3 To 9, Deduct	*-437.55*	
		For >9, Deduct	*-904.27*	

10 11 13 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,769.60	91.87
		For >3 To 9, Deduct	*-343.94*	
		For >9, Deduct	*-710.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,292.60	91.87
		For >3 To 9, Deduct	*-383.16*	
		For >9, Deduct	*-791.87*	
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,816.20	97.84
		For >3 To 9, Deduct	*-421.54*	
		For >9, Deduct	*-871.18*	
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,797.94	97.84
		For >3 To 9, Deduct	*-495.17*	
		For >9, Deduct	*-1,023.35*	
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,371.97	105.19
		For >3 To 9, Deduct	*-537.12*	
		For >9, Deduct	*-1,110.05*	
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,274.33	105.19
		For >3 To 9, Deduct	*-604.80*	
		For >9, Deduct	*-1,249.91*	

10 11 13 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)*

Note: Excludes remotes.

10 11 13 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,648.14	183.74
		For >3 To 9, Deduct	*-546.05*	
		For >9, Deduct	*-1,128.50*	
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,867.00	183.74
		For >3 To 9, Deduct	*-562.46*	
		For >9, Deduct	*-1,162.43*	
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,110.58	189.48
		For >3 To 9, Deduct	*-579.87*	
		For >9, Deduct	*-1,198.40*	
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,511.45	189.48
		For >3 To 9, Deduct	*-609.94*	
		For >9, Deduct	*-1,260.53*	
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,954.04	195.22
		For >3 To 9, Deduct	*-642.27*	
		For >9, Deduct	*-1,327.36*	
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,340.73	195.22
		For >3 To 9, Deduct	*-671.27*	
		For >9, Deduct	*-1,387.29*	
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,181.32	206.71
		For >3 To 9, Deduct	*-732.59*	
		For >9, Deduct	*-1,514.02*	
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,288.29	206.71
		For >3 To 9, Deduct	*-740.62*	
		For >9, Deduct	*-1,530.60*	

10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,038.99	183.74
		For >3 To 9, Deduct	*-875.36*	
		For >9, Deduct	*-1,809.08*	
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,328.34	183.74
		For >3 To 9, Deduct	*-897.06*	
		For >9, Deduct	*-1,853.93*	
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,650.93	189.48
		For >3 To 9, Deduct	*-920.40*	
		For >9, Deduct	*-1,902.15*	
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,240.04	189.48
		For >3 To 9, Deduct	*-964.58*	
		For >9, Deduct	*-1,993.47*	
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,825.51	195.22
		For >3 To 9, Deduct	*-1,007.63*	
		For >9, Deduct	*-2,082.43*	
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,385.33	195.22
		For >3 To 9, Deduct	*-1,049.62*	
		For >9, Deduct	*-2,169.21*	
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,520.95	206.71
		For >3 To 9, Deduct	*-1,133.06*	
		For >9, Deduct	*-2,341.67*	
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,690.48	206.71
		For >3 To 9, Deduct	*-1,145.78*	
		For >9, Deduct	*-2,367.94*	

10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,644.54	183.74
		For >3 To 9, Deduct	*-1,145.78*	
		For >9, Deduct	*-2,367.94*	
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,374.84	183.74
		For >3 To 9, Deduct	*-1,200.55*	
		For >9, Deduct	*-2,481.14*	
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,761.30	189.48
		For >3 To 9, Deduct	*-1,228.67*	
		For >9, Deduct	*-2,539.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,527.32	189.48
		For >3 To 9, Deduct	*-1,286.13*	
		For >9, Deduct	*-2,657.99*	
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,332.22	195.22
		For >3 To 9, Deduct	*-1,345.63*	
		For >9, Deduct	*-2,780.97*	
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,106.74	195.22
		For >3 To 9, Deduct	*-1,403.72*	
		For >9, Deduct	*-2,901.02*	
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,633.77	206.71
		For >3 To 9, Deduct	*-1,516.53*	
		For >9, Deduct	*-3,134.15*	
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,932.02	206.71
		For >3 To 9, Deduct	*-1,538.90*	
		For >9, Deduct	*-3,180.38*	

10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*

10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	575.24	
		For >3 To 9, Deduct	*-42.45*	
		For >9, Deduct	*-87.74*	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	982.53	
		For >3 To 9, Deduct	*-73.00*	
		For >9, Deduct	*-150.87*	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	42.71	7.81
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.90	3.67
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.65	3.17
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.88	2.07
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	16.30	1.15

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	45.08	7.81
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.61	3.67
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	24.71	3.17
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.22	2.07
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	18.49	1.15

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	40.99	7.81
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	25.79	3.67
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	23.29	3.17
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	18.54	2.07
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	14.85	1.15

10 11 16 13-0020 Melamine Markerboards *(10 11 16 13)*

10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	33.73	7.81
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	20.78	3.67
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	18.03	3.17
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.58	2.07
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	11.07	1.15

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	32.93	7.81
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	20.41	3.67
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	17.50	3.17
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.63	2.07
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	10.20	1.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	33.85	7.81
		For Magnetic Surface, Add	*1.82*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	21.22	3.67
		For Magnetic Surface, Add	*1.39*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	18.31	3.17
		For Magnetic Surface, Add	*1.20*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	15.62	2.07
		For Magnetic Surface, Add	*1.15*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	13.01	1.15
		For Magnetic Surface, Add	*1.07*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	33.85	7.81
		For Magnetic Surface, Add	*1.82*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	21.22	3.67
		For Magnetic Surface, Add	*1.39*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	18.31	3.17
		For Magnetic Surface, Add	*1.20*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	15.62	2.07
		For Magnetic Surface, Add	*1.15*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	13.01	1.15
		For Magnetic Surface, Add	*1.07*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	56.45	7.81
		For Magnetic Surface, Add	*4.08*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	34.80	3.67
		For Magnetic Surface, Add	*2.75*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	29.45	3.17
		For Magnetic Surface, Add	*2.31*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	24.44	2.07
		For Magnetic Surface, Add	*2.03*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	18.64	1.15
		For Magnetic Surface, Add	*1.64*	
10 11 16 13-0052		Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*		
		Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	14.96	3.17
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	12.31	2.07
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	9.91	1.15
10 11 16 13-0056		Remove And Reinstall Markerboard *(10 11 16 13)*		
10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	55.12	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	64.31	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	73.50	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	82.68	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	91.87	
10 11 16 13-0062		Field Applied Markerboard And Accessories *(10 11 16 13)*		
10 11 16 13-0063		Markerboard Face Sheets And Panels *(10 11 16 13-0062)*		
10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)	13.85	3.67
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)	16.34	3.67
		Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS)	16.28	3.67
		Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032)	9.33	3.67
		Note: Includes 1/4" thick melamine panel.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0068		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)* See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33		**Rail-Mounted Markerboards** *(10 11 16)*		
10 11 16 33-0001		Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*		
10 11 16 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	1,964.12	91.87
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,201.32	91.87
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,490.14	97.84
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,767.02	97.84
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,453.62	105.19
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,672.86	105.19
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,143.19	110.25
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,691.29	110.25
10 11 16 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,695.55	91.87
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,195.46	91.87
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,654.38	97.84
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,112.70	97.84
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,687.79	105.19
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,885.30	105.19
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,725.11	110.25
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,395.12	110.25
10 11 16 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,007.40	91.87
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,414.70	91.87
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,855.66	97.84
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,324.38	97.84
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,239.67	105.19
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,450.40	105.19
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,432.92	110.25
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,200.26	110.25
10 11 16 33-0029		Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*		
10 11 16 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,345.90	91.87
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,584.98	91.87
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,822.78	97.84
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,235.74	97.84
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,534.89	105.19
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,914.78	105.19
10 11 16 33-0037		Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,426.98	91.87
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,794.58	91.87
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,162.79	97.84
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,836.58	97.84
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,243.45	105.19
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,852.03	105.19
10 11 16 33-0044		Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,673.44	91.87
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,172.40	91.87
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,671.96	97.84
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,605.62	97.84
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,131.56	105.19
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,985.84	105.19
10 11 16 33-0051		Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,608.07	183.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,816.92	183.74
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,050.48	189.48
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,431.31	189.48
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,853.87	195.22
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,220.53	195.22
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,041.08	206.71
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,128.02	206.71

10 11 16 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*

10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,958.85	183.74
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,228.18	183.74
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,530.73	189.48
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,079.77	189.48
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,625.17	195.22
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,144.93	195.22
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,240.47	206.71
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,369.94	206.71

10 11 16 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*

10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,524.34	183.74
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,224.58	183.74
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,580.99	189.48
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,286.91	189.48
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,031.71	195.22
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,746.13	195.22
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,213.06	206.71
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,451.20	206.71

10 11 16 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*

See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.

10 11 23 Tackboards *(10 11)*

10 11 23 13 Fixed Tackboards *(10 11 23)*

Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0001 Fixed Tackboards *(10 11 23 13)*

Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0002 Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*

Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.

10 11 23 13-0003 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*

10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	28.30	7.81
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.17	3.67
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	14.02	3.17
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	11.22	2.07
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.20	1.15

10 11 23 13-0009 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*

10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	29.80	7.81
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.86	3.67
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.66	3.17
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.67	2.07
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	8.34	1.15

10 11 23 13-0015 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*

10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	29.95	7.81
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	18.32	3.67
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	16.97	3.17
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	13.07	2.07
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	10.35	1.15

10 11 23 13-0021 Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*

Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.

10 11 23 13-0022 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*

10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	32.63	7.81
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.37	3.67
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.51	3.17
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.73	2.07
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	14.81	1.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	36.25	7.81
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.24	3.67
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.41	3.17
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.57	2.07
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.88	1.15
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	29.32	7.81
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	17.43	3.67
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.44	3.17
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.67	2.07
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	10.50	1.15
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	31.37	7.81
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	20.09	3.67
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	18.62	3.17
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.88	2.07
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	12.24	1.15
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	28.30	7.81
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	16.25	3.67
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	14.14	3.17
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	11.22	2.07
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	9.02	1.15
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	29.95	7.81
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	19.05	3.67
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	16.97	3.17
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	13.07	2.07
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	10.35	1.15
10 12		**Display Cases** *(10 10)*		
10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	963.10	140.75
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	1,033.24	140.75
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	1,004.67	140.75
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	949.69	62.56
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case	1,914.55	140.75
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case	1,280.22	140.75
10 13		**Directories** *(10 10)*		
10 13 16		**Directory And Bulletin Boards** *(10 13)* Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10 13 16 00-0001		Wall Mounted Directories *(10 13 16)* Note: Includes changeable letters.		
10 13 16 00-0002		Open Face, Wall Mounted Directories *(10 13 16 00-0001)* Note: Includes vinyl or felt back panel.		
10 13 16 00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 16 00-0002)*		
10 13 16 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	47.44	7.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	31.21	3.67
10 13 16 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	28.39	3.17
10 13 16 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	21.73	2.07
10 13 16 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	17.41	1.15

10 13 16 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 16 00-0002)*

10 13 16 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	47.91	7.81
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	31.53	3.67
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	29.02	3.17
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	20.71	2.07
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	17.88	1.15
		For Bronze Anodize Finish, Add	*12.00*	

10 13 16 00-0015 Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0015)*

10 13 16 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 16 00-0016)*

10 13 16 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	118.47	7.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	95.31	3.67
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	79.81	3.17
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	74.02	2.07
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	67.02	1.15
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 16 00-0016)*

10 13 16 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	101.77	7.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	82.44	3.17
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	59.14	2.07
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	53.32	1.15
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0015)*

10 13 16 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 16 00-0028)*

10 13 16 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	105.95	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.07*	
10 13 16 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	82.33	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.00*	
10 13 16 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	69.67	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.67*	
10 13 16 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	51.23	2.07
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.42*	
10 13 16 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	47.89	1.15
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.12*	

10 13 16 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 16 00-0028)*

10 13 16 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	163.76	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*29.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	95.25	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.58*	
10 13 16 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	80.24	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.78*	
10 13 16 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	61.90	2.07
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.55*	
10 13 16 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	57.34	1.15
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.01*	

10 13 16 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 16 00-0041)*

10 13 16 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 16 00-0042)*

10 13 16 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	160.84	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	107.61	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	104.62	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 16 00-0047 Wall Mounted Bulletin Boards *(10 13 16)*

10 13 16 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0048)*

10 13 16 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 16 00-0049)*

10 13 16 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	115.63	7.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	93.19	3.67
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.69	3.17
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	72.01	2.07
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	66.08	1.15
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 16 00-0049)*

10 13 16 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	96.73	7.81
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.66	3.17
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	55.44	2.07
		For Fluorescent Lights, Add	*15.00*	
10 13 16 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	50.49	1.15
		For Fluorescent Lights, Add	*15.00*	

10 13 16 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0048)*

10 13 16 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 16 00-0061)*

10 13 16 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	108.54	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.58*	
10 13 16 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.92	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.51*	
10 13 16 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	72.25	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	53.82	2.07
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.94*	
10 13 16 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	50.49	1.15
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.64*	

10 13 16 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 16 00-0061)*

10 13 16 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	166.35	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*30.15*	
10 13 16 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	97.83	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.10*	
10 13 16 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	82.83	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.30*	
10 13 16 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	64.49	2.07
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.07*	
10 13 16 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.93	1.15
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.53*	

10 13 16 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0074)*

10 13 16 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 16 00-0075)*

10 13 16 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	158.25	7.81
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	105.02	3.67
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 16 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	102.06	3.17
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	38.81	5.74
		For Installation With Adhesive, Deduct	*-4.24*	
		For Clear Anodized, Add	*1.59*	
		For Satin Face And Enameled Return, Add	*4.76*	
		For Patina Finish, Add	*6.34*	
		For Color Anodized, Add	*7.93*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	45.53	6.20
		For Installation With Adhesive, Deduct	*-4.76*	
		For Clear Anodized, Add	*2.07*	
		For Satin Face And Enameled Return, Add	*6.22*	
		For Patina Finish, Add	*8.29*	
		For Color Anodized, Add	*10.37*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	49.80	6.66
		For Installation With Adhesive, Deduct	*-5.15*	
		For Clear Anodized, Add	*2.32*	
		For Satin Face And Enameled Return, Add	*6.95*	
		For Patina Finish, Add	*9.27*	
		For Color Anodized, Add	*11.59*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	57.13	7.62
		For Installation With Adhesive, Deduct	*-5.89*	
		For Clear Anodized, Add	*2.68*	
		For Satin Face And Enameled Return, Add	*8.05*	
		For Patina Finish, Add	*10.73*	
		For Color Anodized, Add	*13.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	62.64	8.03
		For Installation With Adhesive, Deduct	*-6.35*	
		For Clear Anodized, Add	*3.05*	
		For Satin Face And Enameled Return, Add	*9.15*	
		For Patina Finish, Add	*12.20*	
		For Color Anodized, Add	*15.25*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	74.55	9.18
		For Installation With Adhesive, Deduct	*-7.40*	
		For Clear Anodized, Add	*3.78*	
		For Satin Face And Enameled Return, Add	*11.34*	
		For Patina Finish, Add	*15.12*	
		For Color Anodized, Add	*18.91*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	82.48	9.64
		For Installation With Adhesive, Deduct	*-7.98*	
		For Clear Anodized, Add	*4.39*	
		For Satin Face And Enameled Return, Add	*13.17*	
		For Patina Finish, Add	*17.56*	
		For Color Anodized, Add	*21.96*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	93.77	10.34
		For Installation With Adhesive, Deduct	*-8.82*	
		For Clear Anodized, Add	*5.25*	
		For Satin Face And Enameled Return, Add	*15.74*	
		For Patina Finish, Add	*20.98*	
		For Color Anodized, Add	*26.23*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	113.62	11.93
		For Installation With Adhesive, Deduct	*-10.46*	
		For Clear Anodized, Add	*6.59*	
		For Satin Face And Enameled Return, Add	*19.76*	
		For Patina Finish, Add	*26.34*	
		For Color Anodized, Add	*32.93*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	135.60	13.78
		For Installation With Adhesive, Deduct	*-12.29*	
		For Clear Anodized, Add	*8.05*	
		For Satin Face And Enameled Return, Add	*24.15*	
		For Patina Finish, Add	*32.20*	
		For Color Anodized, Add	*40.25*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	149.07	15.31
		For Installation With Adhesive, Deduct	*-13.58*	
		For Clear Anodized, Add	*8.78*	
		For Satin Face And Enameled Return, Add	*26.35*	
		For Patina Finish, Add	*35.13*	
		For Color Anodized, Add	*43.91*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	166.13	16.53
		For Installation With Adhesive, Deduct	*-14.92*	
		For Clear Anodized, Add	*10.00*	
		For Satin Face And Enameled Return, Add	*30.00*	
		For Patina Finish, Add	*40.00*	
		For Color Anodized, Add	*50.01*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	200.32	18.37
		For Installation With Adhesive, Deduct	*-17.36*	
		For Clear Anodized, Add	*12.69*	
		For Satin Face And Enameled Return, Add	*38.06*	
		For Patina Finish, Add	*50.74*	
		For Color Anodized, Add	*63.43*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	241.21	20.66
		For Installation With Adhesive, Deduct	*-20.33*	
		For Clear Anodized, Add	*15.86*	
		For Satin Face And Enameled Return, Add	*47.57*	
		For Patina Finish, Add	*63.42*	
		For Color Anodized, Add	*79.28*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	289.43	22.95
		For Installation With Adhesive, Deduct	*-23.66*	
		For Clear Anodized, Add	*19.76*	
		For Satin Face And Enameled Return, Add	*59.28*	
		For Patina Finish, Add	*79.04*	
		For Color Anodized, Add	*98.80*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	49.07	6.31
		For Installation With Adhesive, Deduct	*-4.98*	
		For Oxidized Finish, Add	*3.57*	
		For Polished Or Patina Finish, Add	*7.14*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	69.51	6.89
		For Installation With Adhesive, Deduct	*-6.23*	
		For Oxidized Finish, Add	*6.29*	
		For Polished Or Patina Finish, Add	*12.59*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	75.88	7.35
		For Installation With Adhesive, Deduct	*-6.73*	
		For Oxidized Finish, Add	*6.97*	
		For Polished Or Patina Finish, Add	*13.95*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	92.03	8.26
		For Installation With Adhesive, Deduct	*-7.91*	
		For Oxidized Finish, Add	*8.85*	
		For Polished Or Patina Finish, Add	*17.69*	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	102.26	8.82
		For Installation With Adhesive, Deduct	*-8.65*	
		For Oxidized Finish, Add	*10.04*	
		For Polished Or Patina Finish, Add	*20.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	135.67	10.11
		For Installation With Adhesive, Deduct	*-10.82*	
		For Oxidized Finish, Add	*14.29*	
		For Polished Or Patina Finish, Add	*28.58*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	154.52	10.56
		For Installation With Adhesive, Deduct	*-11.95*	
		For Oxidized Finish, Add	*16.84*	
		For Polished Or Patina Finish, Add	*33.68*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	172.93	11.48
		For Installation With Adhesive, Deduct	*-13.24*	
		For Oxidized Finish, Add	*19.05*	
		For Polished Or Patina Finish, Add	*38.10*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	205.23	13.31
		For Installation With Adhesive, Deduct	*-15.59*	
		For Oxidized Finish, Add	*22.79*	
		For Polished Or Patina Finish, Add	*45.59*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	240.92	15.15
		For Installation With Adhesive, Deduct	*-18.11*	
		For Oxidized Finish, Add	*27.05*	
		For Polished Or Patina Finish, Add	*54.09*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	285.53	18.37
		For Installation With Adhesive, Deduct	*-21.62*	
		For Oxidized Finish, Add	*31.81*	
		For Polished Or Patina Finish, Add	*63.62*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	296.71	19.75
		For Installation With Adhesive, Deduct	*-22.73*	
		For Oxidized Finish, Add	*32.66*	
		For Polished Or Patina Finish, Add	*65.32*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	419.57	22.95
		For Installation With Adhesive, Deduct	*-30.16*	
		For Oxidized Finish, Add	*49.16*	
		For Polished Or Patina Finish, Add	*98.32*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	504.75	25.83
		For Installation With Adhesive, Deduct	*-35.57*	
		For Oxidized Finish, Add	*60.22*	
		For Polished Or Patina Finish, Add	*120.43*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	641.03	29.84
		For Installation With Adhesive, Deduct	*-43.99*	
		For Oxidized Finish, Add	*78.25*	
		For Polished Or Patina Finish, Add	*156.49*	
10 14 19 00-0034		Molded Characters *(10 14 19)*		
10 14 19 00-0035		Molded Plastic Characters *(10 14 19 00-0034)*		
10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	29.29	4.59
		For Installation With Adhesive, Deduct	*-3.30*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	31.79	5.05
		For Installation With Adhesive, Deduct	*-3.61*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	35.05	5.51
		For Installation With Adhesive, Deduct	*-3.96*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	43.87	5.97
		For Installation With Adhesive, Deduct	*-4.58*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	47.38	6.43
		For Installation With Adhesive, Deduct	*-4.94*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	51.25	6.89
		For Installation With Adhesive, Deduct	*-5.32*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	59.75	8.03
		For Installation With Adhesive, Deduct	*-6.20*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	78.26	10.11
		For Installation With Adhesive, Deduct	*-7.95*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	98.78	11.93
		For Installation With Adhesive, Deduct	*-9.72*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	143.46	14.69
		For Installation With Adhesive, Deduct	*-13.05*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	208.69	17.22
		For Installation With Adhesive, Deduct	*-17.32*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	271.28	19.75
		For Installation With Adhesive, Deduct	*-21.46*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	497.50	26.40
		For Installation With Adhesive, Deduct	*-35.44*	
10 14 19 00-0049		Cutout Characters *(10 14 19)*		
10 14 19 00-0050		Satin Finish, Aluminum Characters *(10 14 19 00-0049)*		
10 14 19 00-0051		1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	36.37	5.74
		For Installation With Adhesive, Deduct	*-4.11*	
		For Clear Anodized, Add	*1.34*	
		For Satin Face And Enameled Return, Add	*4.70*	
		For Color Anodized, Add	*6.71*	
		For Polished Or Patina Finish, Add	*6.71*	
		For Polished Anodized Finish, Add	*10.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	49.80	6.66
		For Installation With Adhesive, Deduct	*-5.15*	
		For Clear Anodized, Add	*2.32*	
		For Satin Face And Enameled Return, Add	*8.11*	
		For Color Anodized, Add	*11.59*	
		For Polished Or Patina Finish, Add	*11.59*	
		For Polished Anodized Finish, Add	*17.38*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	66.30	8.03
		For Installation With Adhesive, Deduct	*-6.53*	
		For Clear Anodized, Add	*3.42*	
		For Satin Face And Enameled Return, Add	*11.95*	
		For Color Anodized, Add	*17.08*	
		For Polished Or Patina Finish, Add	*17.08*	
		For Polished Anodized Finish, Add	*25.61*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.65	9.18
		For Installation With Adhesive, Deduct	*-7.71*	
		For Clear Anodized, Add	*4.39*	
		For Satin Face And Enameled Return, Add	*15.37*	
		For Color Anodized, Add	*21.96*	
		For Polished Or Patina Finish, Add	*21.96*	
		For Polished Anodized Finish, Add	*32.93*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	92.55	10.34
		For Installation With Adhesive, Deduct	*-8.76*	
		For Clear Anodized, Add	*5.12*	
		For Satin Face And Enameled Return, Add	*17.93*	
		For Color Anodized, Add	*25.62*	
		For Polished Or Patina Finish, Add	*25.62*	
		For Polished Anodized Finish, Add	*38.42*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	106.30	11.93
		For Installation With Adhesive, Deduct	*-10.09*	
		For Clear Anodized, Add	*5.85*	
		For Satin Face And Enameled Return, Add	*20.49*	
		For Color Anodized, Add	*29.27*	
		For Polished Or Patina Finish, Add	*29.27*	
		For Polished Anodized Finish, Add	*43.91*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	124.62	13.78
		For Installation With Adhesive, Deduct	*-11.74*	
		For Clear Anodized, Add	*6.95*	
		For Satin Face And Enameled Return, Add	*24.33*	
		For Color Anodized, Add	*34.76*	
		For Polished Or Patina Finish, Add	*34.76*	
		For Polished Anodized Finish, Add	*52.14*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	147.84	16.53
		For Installation With Adhesive, Deduct	*-14.00*	
		For Clear Anodized, Add	*8.17*	
		For Satin Face And Enameled Return, Add	*28.60*	
		For Color Anodized, Add	*40.86*	
		For Polished Or Patina Finish, Add	*40.86*	
		For Polished Anodized Finish, Add	*61.29*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	166.17	18.37
		For Installation With Adhesive, Deduct	*-15.66*	
		For Clear Anodized, Add	*9.27*	
		For Satin Face And Enameled Return, Add	*32.45*	
		For Color Anodized, Add	*46.35*	
		For Polished Or Patina Finish, Add	*46.35*	
		For Polished Anodized Finish, Add	*69.53*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	198.52	20.66
		For Installation With Adhesive, Deduct	*-18.19*	
		For Clear Anodized, Add	*11.59*	
		For Satin Face And Enameled Return, Add	*40.55*	
		For Color Anodized, Add	*57.94*	
		For Polished Or Patina Finish, Add	*57.94*	
		For Polished Anodized Finish, Add	*86.90*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	226.29	21.81
		For Installation With Adhesive, Deduct	*-20.04*	
		For Clear Anodized, Add	*13.90*	
		For Satin Face And Enameled Return, Add	*48.66*	
		For Color Anodized, Add	*69.52*	
		For Polished Or Patina Finish, Add	*69.52*	
		For Polished Anodized Finish, Add	*104.28*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	277.23	22.95
		For Installation With Adhesive, Deduct	*-23.05*	
		For Clear Anodized, Add	*18.54*	
		For Satin Face And Enameled Return, Add	*64.89*	
		For Color Anodized, Add	*92.70*	
		For Polished Or Patina Finish, Add	*92.70*	
		For Polished Anodized Finish, Add	*139.04*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	392.77	27.55
		For Installation With Adhesive, Deduct	*-30.66*	
		For Clear Anodized, Add	*28.26*	
		For Satin Face And Enameled Return, Add	*98.90*	
		For Color Anodized, Add	*141.28*	
		For Polished Or Patina Finish, Add	*141.28*	
		For Polished Anodized Finish, Add	*211.92*	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	44.95	5.74
		For Installation With Adhesive, Deduct	*-4.54*	
		For Clear Anodized, Add	*2.20*	
		For Satin Face And Enameled Return, Add	*7.70*	
		For Color Anodized, Add	*11.00*	
		For Polished Or Patina Finish, Add	*11.00*	
		For Polished Anodized Finish, Add	*16.50*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	63.24	6.66
		For Installation With Adhesive, Deduct	*-5.83*	
		For Clear Anodized, Add	*3.66*	
		For Satin Face And Enameled Return, Add	*12.81*	
		For Color Anodized, Add	*18.31*	
		For Polished Or Patina Finish, Add	*18.31*	
		For Polished Anodized Finish, Add	*27.46*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	79.62	8.03
		For Installation With Adhesive, Deduct	*-7.20*	
		For Clear Anodized, Add	*4.75*	
		For Satin Face And Enameled Return, Add	*16.61*	
		For Color Anodized, Add	*23.74*	
		For Polished Or Patina Finish, Add	*23.74*	
		For Polished Anodized Finish, Add	*35.60*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.09	9.18
		For Installation With Adhesive, Deduct	*-8.63*	
		For Clear Anodized, Add	*6.24*	
		For Satin Face And Enameled Return, Add	*21.82*	
		For Color Anodized, Add	*31.18*	
		For Polished Or Patina Finish, Add	*31.18*	
		For Polished Anodized Finish, Add	*46.76*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	114.57	10.34
		For Installation With Adhesive, Deduct	*-9.86*	
		For Clear Anodized, Add	*7.33*	
		For Satin Face And Enameled Return, Add	*25.64*	
		For Color Anodized, Add	*36.63*	
		For Polished Or Patina Finish, Add	*36.63*	
		For Polished Anodized Finish, Add	*54.94*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	134.41	11.93
		For Installation With Adhesive, Deduct	*-11.50*	
		For Clear Anodized, Add	*8.67*	
		For Satin Face And Enameled Return, Add	*30.33*	
		For Color Anodized, Add	*43.33*	
		For Polished Or Patina Finish, Add	*43.33*	
		For Polished Anodized Finish, Add	*64.99*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	157.30	13.78
		For Installation With Adhesive, Deduct	*-13.38*	
		For Clear Anodized, Add	*10.22*	
		For Satin Face And Enameled Return, Add	*35.77*	
		For Color Anodized, Add	*51.10*	
		For Polished Or Patina Finish, Add	*51.10*	
		For Polished Anodized Finish, Add	*76.65*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	194.42	16.53
		For Installation With Adhesive, Deduct	*-16.33*	
		For Clear Anodized, Add	*12.83*	
		For Satin Face And Enameled Return, Add	*44.91*	
		For Color Anodized, Add	*64.15*	
		For Polished Or Patina Finish, Add	*64.15*	
		For Polished Anodized Finish, Add	*96.23*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	224.56	18.37
		For Installation With Adhesive, Deduct	*-18.58*	
		For Clear Anodized, Add	*15.11*	
		For Satin Face And Enameled Return, Add	*52.88*	
		For Color Anodized, Add	*75.55*	
		For Polished Or Patina Finish, Add	*75.55*	
		For Polished Anodized Finish, Add	*113.32*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	259.93	20.66
		For Installation With Adhesive, Deduct	*-21.26*	
		For Clear Anodized, Add	*17.73*	
		For Satin Face And Enameled Return, Add	*62.05*	
		For Color Anodized, Add	*88.64*	
		For Polished Or Patina Finish, Add	*88.64*	
		For Polished Anodized Finish, Add	*132.96*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	290.25	21.81
		For Installation With Adhesive, Deduct	*-23.24*	
		For Clear Anodized, Add	*20.30*	
		For Satin Face And Enameled Return, Add	*71.05*	
		For Color Anodized, Add	*101.50*	
		For Polished Or Patina Finish, Add	*101.50*	
		For Polished Anodized Finish, Add	*152.25*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	321.73	22.95
		For Installation With Adhesive, Deduct	*-25.27*	
		For Clear Anodized, Add	*22.99*	
		For Satin Face And Enameled Return, Add	*80.46*	
		For Color Anodized, Add	*114.95*	
		For Polished Or Patina Finish, Add	*114.95*	
		For Polished Anodized Finish, Add	*172.42*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	439.52	27.55
		For Installation With Adhesive, Deduct	*-33.00*	
		For Clear Anodized, Add	*32.93*	
		For Satin Face And Enameled Return, Add	*115.26*	
		For Color Anodized, Add	*164.66*	
		For Polished Or Patina Finish, Add	*164.66*	
		For Polished Anodized Finish, Add	*246.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0079		1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	54.88	5.74
		For Installation With Adhesive, Deduct	*-5.04*	
		For Clear Anodized, Add	*3.19*	
		For Satin Face And Enameled Return, Add	*11.18*	
		For Color Anodized, Add	*15.97*	
		For Polished Or Patina Finish, Add	*15.97*	
		For Polished Anodized Finish, Add	*23.95*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	70.43	6.66
		For Installation With Adhesive, Deduct	*-6.18*	
		For Clear Anodized, Add	*4.38*	
		For Satin Face And Enameled Return, Add	*15.33*	
		For Color Anodized, Add	*21.90*	
		For Polished Or Patina Finish, Add	*21.90*	
		For Polished Anodized Finish, Add	*32.85*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.16	8.03
		For Installation With Adhesive, Deduct	*-7.62*	
		For Clear Anodized, Add	*5.60*	
		For Satin Face And Enameled Return, Add	*19.60*	
		For Color Anodized, Add	*28.01*	
		For Polished Or Patina Finish, Add	*28.01*	
		For Polished Anodized Finish, Add	*42.01*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	103.92	9.18
		For Installation With Adhesive, Deduct	*-8.87*	
		For Clear Anodized, Add	*6.72*	
		For Satin Face And Enameled Return, Add	*23.51*	
		For Color Anodized, Add	*33.59*	
		For Polished Or Patina Finish, Add	*33.59*	
		For Polished Anodized Finish, Add	*50.39*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	120.72	10.34
		For Installation With Adhesive, Deduct	*-10.17*	
		For Clear Anodized, Add	*7.94*	
		For Satin Face And Enameled Return, Add	*27.79*	
		For Color Anodized, Add	*39.70*	
		For Polished Or Patina Finish, Add	*39.70*	
		For Polished Anodized Finish, Add	*59.55*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	147.87	11.93
		For Installation With Adhesive, Deduct	*-12.17*	
		For Clear Anodized, Add	*10.01*	
		For Satin Face And Enameled Return, Add	*35.04*	
		For Color Anodized, Add	*50.06*	
		For Polished Or Patina Finish, Add	*50.06*	
		For Polished Anodized Finish, Add	*75.08*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	181.63	13.78
		For Installation With Adhesive, Deduct	*-14.59*	
		For Clear Anodized, Add	*12.65*	
		For Satin Face And Enameled Return, Add	*44.29*	
		For Color Anodized, Add	*63.27*	
		For Polished Or Patina Finish, Add	*63.27*	
		For Polished Anodized Finish, Add	*94.90*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	219.75	16.53
		For Installation With Adhesive, Deduct	*-17.60*	
		For Clear Anodized, Add	*15.36*	
		For Satin Face And Enameled Return, Add	*53.77*	
		For Color Anodized, Add	*76.82*	
		For Polished Or Patina Finish, Add	*76.82*	
		For Polished Anodized Finish, Add	*115.22*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	265.35	18.37
		For Installation With Adhesive, Deduct	*-20.61*	
		For Clear Anodized, Add	*19.19*	
		For Satin Face And Enameled Return, Add	*67.16*	
		For Color Anodized, Add	*95.94*	
		For Polished Or Patina Finish, Add	*95.94*	
		For Polished Anodized Finish, Add	*143.91*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	312.07	20.66
		For Installation With Adhesive, Deduct	*-23.87*	
		For Clear Anodized, Add	*22.94*	
		For Satin Face And Enameled Return, Add	*80.30*	
		For Color Anodized, Add	*114.71*	
		For Polished Or Patina Finish, Add	*114.71*	
		For Polished Anodized Finish, Add	*172.07*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	356.99	21.81
		For Installation With Adhesive, Deduct	*-26.57*	
		For Clear Anodized, Add	*26.97*	
		For Satin Face And Enameled Return, Add	*94.41*	
		For Color Anodized, Add	*134.87*	
		For Polished Or Patina Finish, Add	*134.87*	
		For Polished Anodized Finish, Add	*202.31*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	399.59	22.95
		For Installation With Adhesive, Deduct	*-29.16*	
		For Clear Anodized, Add	*30.78*	
		For Satin Face And Enameled Return, Add	*107.71*	
		For Color Anodized, Add	*153.88*	
		For Polished Or Patina Finish, Add	*153.88*	
		For Polished Anodized Finish, Add	*230.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	551.49	27.55
		For Installation With Adhesive, Deduct	*-38.60*	
		For Clear Anodized, Add	*44.13*	
		For Satin Face And Enameled Return, Add	*154.45*	
		For Color Anodized, Add	*220.64*	
		For Polished Or Patina Finish, Add	*220.64*	
		For Polished Anodized Finish, Add	*330.96*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	57.16	5.74
		For Installation With Adhesive, Deduct	*-5.15*	
		For Clear Anodized, Add	*3.42*	
		For Satin Face And Enameled Return, Add	*11.97*	
		For Color Anodized, Add	*17.11*	
		For Polished Or Patina Finish, Add	*17.11*	
		For Polished Anodized Finish, Add	*25.66*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	72.98	6.66
		For Installation With Adhesive, Deduct	*-6.31*	
		For Clear Anodized, Add	*4.64*	
		For Satin Face And Enameled Return, Add	*16.22*	
		For Color Anodized, Add	*23.18*	
		For Polished Or Patina Finish, Add	*23.18*	
		For Polished Anodized Finish, Add	*34.76*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	95.67	8.03
		For Installation With Adhesive, Deduct	*-8.00*	
		For Clear Anodized, Add	*6.35*	
		For Satin Face And Enameled Return, Add	*22.23*	
		For Color Anodized, Add	*31.76*	
		For Polished Or Patina Finish, Add	*31.76*	
		For Polished Anodized Finish, Add	*47.64*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	125.87	9.18
		For Installation With Adhesive, Deduct	*-9.97*	
		For Clear Anodized, Add	*8.91*	
		For Satin Face And Enameled Return, Add	*31.20*	
		For Color Anodized, Add	*44.57*	
		For Polished Or Patina Finish, Add	*44.57*	
		For Polished Anodized Finish, Add	*66.85*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	157.09	10.34
		For Installation With Adhesive, Deduct	*-11.99*	
		For Clear Anodized, Add	*11.58*	
		For Satin Face And Enameled Return, Add	*40.52*	
		For Color Anodized, Add	*57.89*	
		For Polished Or Patina Finish, Add	*57.89*	
		For Polished Anodized Finish, Add	*86.83*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	196.46	11.93
		For Installation With Adhesive, Deduct	*-14.60*	
		For Clear Anodized, Add	*14.87*	
		For Satin Face And Enameled Return, Add	*52.05*	
		For Color Anodized, Add	*74.35*	
		For Polished Or Patina Finish, Add	*74.35*	
		For Polished Anodized Finish, Add	*111.53*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	244.20	13.78
		For Installation With Adhesive, Deduct	*-17.72*	
		For Clear Anodized, Add	*18.91*	
		For Satin Face And Enameled Return, Add	*66.19*	
		For Color Anodized, Add	*94.55*	
		For Polished Or Patina Finish, Add	*94.55*	
		For Polished Anodized Finish, Add	*141.83*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	301.47	16.53
		For Installation With Adhesive, Deduct	*-21.69*	
		For Clear Anodized, Add	*23.54*	
		For Satin Face And Enameled Return, Add	*82.37*	
		For Color Anodized, Add	*117.68*	
		For Polished Or Patina Finish, Add	*117.68*	
		For Polished Anodized Finish, Add	*176.51*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	367.32	18.37
		For Installation With Adhesive, Deduct	*-25.71*	
		For Clear Anodized, Add	*29.39*	
		For Satin Face And Enameled Return, Add	*102.85*	
		For Color Anodized, Add	*146.93*	
		For Polished Or Patina Finish, Add	*146.93*	
		For Polished Anodized Finish, Add	*220.39*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	436.05	20.66
		For Installation With Adhesive, Deduct	*-30.07*	
		For Clear Anodized, Add	*35.34*	
		For Satin Face And Enameled Return, Add	*123.69*	
		For Color Anodized, Add	*176.70*	
		For Polished Or Patina Finish, Add	*176.70*	
		For Polished Anodized Finish, Add	*265.05*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	504.38	21.81
		For Installation With Adhesive, Deduct	*-33.94*	
		For Clear Anodized, Add	*41.71*	
		For Satin Face And Enameled Return, Add	*146.00*	
		For Color Anodized, Add	*208.57*	
		For Polished Or Patina Finish, Add	*208.57*	
		For Polished Anodized Finish, Add	*312.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	575.71	22.95
		For Installation With Adhesive, Deduct	*-37.97*	
		For Clear Anodized, Add	*48.39*	
		For Satin Face And Enameled Return, Add	*169.35*	
		For Color Anodized, Add	*241.94*	
		For Polished Or Patina Finish, Add	*241.94*	
		For Polished Anodized Finish, Add	*362.90*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	788.60	27.55
		For Installation With Adhesive, Deduct	*-50.45*	
		For Clear Anodized, Add	*67.84*	
		For Satin Face And Enameled Return, Add	*237.44*	
		For Color Anodized, Add	*339.20*	
		For Polished Or Patina Finish, Add	*339.20*	
		For Polished Anodized Finish, Add	*508.79*	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	63.20	5.74
		For Installation With Adhesive, Deduct	*-5.46*	
		For Clear Anodized, Add	*4.03*	
		For Satin Face And Enameled Return, Add	*14.09*	
		For Color Anodized, Add	*20.13*	
		For Polished Or Patina Finish, Add	*20.13*	
		For Polished Anodized Finish, Add	*30.19*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	77.84	6.66
		For Installation With Adhesive, Deduct	*-6.56*	
		For Clear Anodized, Add	*5.12*	
		For Satin Face And Enameled Return, Add	*17.92*	
		For Color Anodized, Add	*25.61*	
		For Polished Or Patina Finish, Add	*25.61*	
		For Polished Anodized Finish, Add	*38.41*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	101.82	8.03
		For Installation With Adhesive, Deduct	*-8.31*	
		For Clear Anodized, Add	*6.97*	
		For Satin Face And Enameled Return, Add	*24.38*	
		For Color Anodized, Add	*34.84*	
		For Polished Or Patina Finish, Add	*34.84*	
		For Polished Anodized Finish, Add	*52.25*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	138.17	9.18
		For Installation With Adhesive, Deduct	*-10.58*	
		For Clear Anodized, Add	*10.14*	
		For Satin Face And Enameled Return, Add	*35.50*	
		For Color Anodized, Add	*50.72*	
		For Polished Or Patina Finish, Add	*50.72*	
		For Polished Anodized Finish, Add	*76.07*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	186.29	10.34
		For Installation With Adhesive, Deduct	*-13.45*	
		For Clear Anodized, Add	*14.50*	
		For Satin Face And Enameled Return, Add	*50.74*	
		For Color Anodized, Add	*72.49*	
		For Polished Or Patina Finish, Add	*72.49*	
		For Polished Anodized Finish, Add	*108.73*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	242.71	11.93
		For Installation With Adhesive, Deduct	*-16.91*	
		For Clear Anodized, Add	*19.50*	
		For Satin Face And Enameled Return, Add	*68.23*	
		For Color Anodized, Add	*97.48*	
		For Polished Or Patina Finish, Add	*97.48*	
		For Polished Anodized Finish, Add	*146.21*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	306.07	13.78
		For Installation With Adhesive, Deduct	*-20.81*	
		For Clear Anodized, Add	*25.10*	
		For Satin Face And Enameled Return, Add	*87.84*	
		For Color Anodized, Add	*125.49*	
		For Polished Or Patina Finish, Add	*125.49*	
		For Polished Anodized Finish, Add	*188.23*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	379.92	16.53
		For Installation With Adhesive, Deduct	*-25.61*	
		For Clear Anodized, Add	*31.38*	
		For Satin Face And Enameled Return, Add	*109.83*	
		For Color Anodized, Add	*156.90*	
		For Polished Or Patina Finish, Add	*156.90*	
		For Polished Anodized Finish, Add	*235.35*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	459.08	18.37
		For Installation With Adhesive, Deduct	*-30.30*	
		For Clear Anodized, Add	*38.56*	
		For Satin Face And Enameled Return, Add	*134.96*	
		For Color Anodized, Add	*192.81*	
		For Polished Or Patina Finish, Add	*192.81*	
		For Polished Anodized Finish, Add	*289.21*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	563.51	20.66
		For Installation With Adhesive, Deduct	*-36.44*	
		For Clear Anodized, Add	*48.09*	
		For Satin Face And Enameled Return, Add	*168.30*	
		For Color Anodized, Add	*240.43*	
		For Polished Or Patina Finish, Add	*240.43*	
		For Polished Anodized Finish, Add	*360.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	669.84	21.81
		For Installation With Adhesive, Deduct	*-42.22*	
		For Clear Anodized, Add	*58.26*	
		For Satin Face And Enameled Return, Add	*203.91*	
		For Color Anodized, Add	*291.30*	
		For Polished Or Patina Finish, Add	*291.30*	
		For Polished Anodized Finish, Add	*436.94*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	788.91	22.95
		For Installation With Adhesive, Deduct	*-48.63*	
		For Clear Anodized, Add	*69.71*	
		For Satin Face And Enameled Return, Add	*243.97*	
		For Color Anodized, Add	*348.54*	
		For Polished Or Patina Finish, Add	*348.54*	
		For Polished Anodized Finish, Add	*522.80*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,111.32	27.55
		For Installation With Adhesive, Deduct	*-66.59*	
		For Clear Anodized, Add	*100.11*	
		For Satin Face And Enameled Return, Add	*350.39*	
		For Color Anodized, Add	*500.56*	
		For Polished Or Patina Finish, Add	*500.56*	
		For Polished Anodized Finish, Add	*750.83*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	51.66	5.74
		For Installation With Adhesive, Deduct	*-4.88*	
		For Oxidized Finish, Add	*4.31*	
		For Polished Finish, Add	*8.61*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	66.58	6.66
		For Installation With Adhesive, Deduct	*-5.99*	
		For Oxidized Finish, Add	*5.99*	
		For Polished Finish, Add	*11.99*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	91.62	8.03
		For Installation With Adhesive, Deduct	*-7.80*	
		For Oxidized Finish, Add	*8.92*	
		For Polished Finish, Add	*17.84*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	119.79	9.18
		For Installation With Adhesive, Deduct	*-9.66*	
		For Oxidized Finish, Add	*12.46*	
		For Polished Finish, Add	*24.92*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	153.08	10.34
		For Installation With Adhesive, Deduct	*-11.79*	
		For Oxidized Finish, Add	*16.76*	
		For Polished Finish, Add	*33.53*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.36	11.93
		For Installation With Adhesive, Deduct	*-14.44*	
		For Oxidized Finish, Add	*21.84*	
		For Polished Finish, Add	*43.68*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	241.71	13.78
		For Installation With Adhesive, Deduct	*-17.60*	
		For Oxidized Finish, Add	*27.99*	
		For Polished Finish, Add	*55.98*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	294.77	16.53
		For Installation With Adhesive, Deduct	*-21.35*	
		For Oxidized Finish, Add	*34.30*	
		For Polished Finish, Add	*68.60*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	357.63	18.37
		For Installation With Adhesive, Deduct	*-25.23*	
		For Oxidized Finish, Add	*42.62*	
		For Polished Finish, Add	*85.25*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	425.11	20.66
		For Installation With Adhesive, Deduct	*-29.52*	
		For Oxidized Finish, Add	*51.37*	
		For Polished Finish, Add	*102.74*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	521.99	21.81
		For Installation With Adhesive, Deduct	*-34.82*	
		For Oxidized Finish, Add	*65.21*	
		For Polished Finish, Add	*130.42*	
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	572.28	22.95
		For Installation With Adhesive, Deduct	*-37.80*	
		For Oxidized Finish, Add	*72.07*	
		For Polished Finish, Add	*144.13*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	859.33	27.55
		For Installation With Adhesive, Deduct	*-53.99*	
		For Oxidized Finish, Add	*112.37*	
		For Polished Finish, Add	*224.74*	

10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	61.71	5.74
		For Installation With Adhesive, Deduct	*-5.38*	
		For Oxidized Finish, Add	*5.81*	
		For Polished Finish, Add	*11.63*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	80.56	6.66
		For Installation With Adhesive, Deduct	*-6.69*	
		For Oxidized Finish, Add	*8.09*	
		For Polished Finish, Add	*16.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	115.41	8.03
		For Installation With Adhesive, Deduct	*-8.99*	
		For Oxidized Finish, Add	*12.49*	
		For Polished Finish, Add	*24.98*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	153.01	9.18
		For Installation With Adhesive, Deduct	*-11.32*	
		For Oxidized Finish, Add	*17.44*	
		For Polished Finish, Add	*34.88*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	203.37	10.34
		For Installation With Adhesive, Deduct	*-14.30*	
		For Oxidized Finish, Add	*24.31*	
		For Polished Finish, Add	*48.62*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	258.87	11.93
		For Installation With Adhesive, Deduct	*-17.72*	
		For Oxidized Finish, Add	*31.67*	
		For Polished Finish, Add	*63.33*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	325.68	13.78
		For Installation With Adhesive, Deduct	*-21.79*	
		For Oxidized Finish, Add	*40.59*	
		For Polished Finish, Add	*81.17*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	386.23	16.53
		For Installation With Adhesive, Deduct	*-25.92*	
		For Oxidized Finish, Add	*48.02*	
		For Polished Finish, Add	*96.03*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	485.50	18.37
		For Installation With Adhesive, Deduct	*-31.62*	
		For Oxidized Finish, Add	*61.80*	
		For Polished Finish, Add	*123.61*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	562.09	20.66
		For Installation With Adhesive, Deduct	*-36.37*	
		For Oxidized Finish, Add	*71.92*	
		For Polished Finish, Add	*143.83*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	691.54	21.81
		For Installation With Adhesive, Deduct	*-43.30*	
		For Oxidized Finish, Add	*90.64*	
		For Polished Finish, Add	*181.29*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	788.48	22.95
		For Installation With Adhesive, Deduct	*-48.61*	
		For Oxidized Finish, Add	*104.50*	
		For Polished Finish, Add	*208.99*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,091.56	27.55
		For Installation With Adhesive, Deduct	*-65.60*	
		For Oxidized Finish, Add	*147.20*	
		For Polished Finish, Add	*294.41*	
10 14 19 00-0150		1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*		
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	77.50	5.74
		For Installation With Adhesive, Deduct	*-6.17*	
		For Oxidized Finish, Add	*8.18*	
		For Polished Finish, Add	*16.37*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	100.53	6.66
		For Installation With Adhesive, Deduct	*-7.69*	
		For Oxidized Finish, Add	*11.09*	
		For Polished Finish, Add	*22.17*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	145.14	8.03
		For Installation With Adhesive, Deduct	*-10.47*	
		For Oxidized Finish, Add	*16.95*	
		For Polished Finish, Add	*33.90*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	198.69	9.18
		For Installation With Adhesive, Deduct	*-13.61*	
		For Oxidized Finish, Add	*24.29*	
		For Polished Finish, Add	*48.59*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	276.02	10.34
		For Installation With Adhesive, Deduct	*-17.93*	
		For Oxidized Finish, Add	*35.21*	
		For Polished Finish, Add	*70.41*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	368.07	11.93
		For Installation With Adhesive, Deduct	*-23.18*	
		For Oxidized Finish, Add	*48.05*	
		For Polished Finish, Add	*96.09*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	456.31	13.78
		For Installation With Adhesive, Deduct	*-28.33*	
		For Oxidized Finish, Add	*60.18*	
		For Polished Finish, Add	*120.36*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	543.99	16.53
		For Installation With Adhesive, Deduct	*-33.81*	
		For Oxidized Finish, Add	*71.68*	
		For Polished Finish, Add	*143.36*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	741.25	18.37
		For Installation With Adhesive, Deduct	*-44.41*	
		For Oxidized Finish, Add	*100.17*	
		For Polished Finish, Add	*200.33*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	836.06	20.66
		For Installation With Adhesive, Deduct	*-50.07*	
		For Oxidized Finish, Add	*113.01*	
		For Polished Finish, Add	*226.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,043.67	21.81
		For Installation With Adhesive, Deduct	*-60.91*	
		For Oxidized Finish, Add	*143.46*	
		For Polished Finish, Add	*286.93*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,220.87	22.95
		For Installation With Adhesive, Deduct	*-70.23*	
		For Oxidized Finish, Add	*169.35*	
		For Polished Finish, Add	*338.71*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,840.68	27.55
		For Installation With Adhesive, Deduct	*-103.06*	
		For Oxidized Finish, Add	*259.57*	
		For Polished Finish, Add	*519.14*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	94.72	5.74
		For Installation With Adhesive, Deduct	*-7.03*	
		For Oxidized Finish, Add	*10.77*	
		For Polished Finish, Add	*21.53*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	132.49	6.66
		For Installation With Adhesive, Deduct	*-9.29*	
		For Oxidized Finish, Add	*15.88*	
		For Polished Finish, Add	*31.76*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	180.82	8.03
		For Installation With Adhesive, Deduct	*-12.26*	
		For Oxidized Finish, Add	*22.30*	
		For Polished Finish, Add	*44.60*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	244.37	9.18
		For Installation With Adhesive, Deduct	*-15.89*	
		For Oxidized Finish, Add	*31.14*	
		For Polished Finish, Add	*62.29*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	331.90	10.34
		For Installation With Adhesive, Deduct	*-20.73*	
		For Oxidized Finish, Add	*43.59*	
		For Polished Finish, Add	*87.17*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	455.43	11.93
		For Installation With Adhesive, Deduct	*-27.55*	
		For Oxidized Finish, Add	*61.15*	
		For Polished Finish, Add	*122.30*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	568.28	13.78
		For Installation With Adhesive, Deduct	*-33.92*	
		For Oxidized Finish, Add	*76.98*	
		For Polished Finish, Add	*153.95*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	662.89	16.53
		For Installation With Adhesive, Deduct	*-39.76*	
		For Oxidized Finish, Add	*89.52*	
		For Polished Finish, Add	*179.03*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	883.33	18.37
		For Installation With Adhesive, Deduct	*-51.51*	
		For Oxidized Finish, Add	*121.48*	
		For Polished Finish, Add	*242.96*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	966.19	20.66
		For Installation With Adhesive, Deduct	*-56.57*	
		For Oxidized Finish, Add	*132.53*	
		For Polished Finish, Add	*265.06*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,226.26	21.81
		For Installation With Adhesive, Deduct	*-70.04*	
		For Oxidized Finish, Add	*170.85*	
		For Polished Finish, Add	*341.70*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,557.18	22.95
		For Installation With Adhesive, Deduct	*-87.04*	
		For Oxidized Finish, Add	*219.80*	
		For Polished Finish, Add	*439.60*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,350.08	27.55
		For Installation With Adhesive, Deduct	*-128.53*	
		For Oxidized Finish, Add	*335.98*	
		For Polished Finish, Add	*671.96*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	53.82	5.74
		For Installation With Adhesive, Deduct	*-4.99*	
		For Oxidized Finish, Add	*4.63*	
		For Polished Or Patina Finish, Add	*9.26*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	69.63	6.66
		For Installation With Adhesive, Deduct	*-6.14*	
		For Oxidized Finish, Add	*6.45*	
		For Polished Or Patina Finish, Add	*12.90*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	96.09	8.03
		For Installation With Adhesive, Deduct	*-8.02*	
		For Oxidized Finish, Add	*9.59*	
		For Polished Or Patina Finish, Add	*19.18*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	126.04	9.18
		For Installation With Adhesive, Deduct	*-9.98*	
		For Oxidized Finish, Add	*13.40*	
		For Polished Or Patina Finish, Add	*26.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	161.49	10.34
		For Installation With Adhesive, Deduct	*-12.21*	
		For Oxidized Finish, Add	*18.03*	
		For Polished Or Patina Finish, Add	*36.05*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	204.32	11.93
		For Installation With Adhesive, Deduct	*-14.99*	
		For Oxidized Finish, Add	*23.48*	
		For Polished Or Patina Finish, Add	*46.97*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	255.76	13.78
		For Installation With Adhesive, Deduct	*-18.30*	
		For Oxidized Finish, Add	*30.10*	
		For Polished Or Patina Finish, Add	*60.20*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	317.49	16.53
		For Installation With Adhesive, Deduct	*-22.49*	
		For Oxidized Finish, Add	*37.71*	
		For Polished Or Patina Finish, Add	*75.41*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	379.97	18.37
		For Installation With Adhesive, Deduct	*-26.35*	
		For Oxidized Finish, Add	*45.98*	
		For Polished Or Patina Finish, Add	*91.95*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	450.89	20.66
		For Installation With Adhesive, Deduct	*-30.81*	
		For Oxidized Finish, Add	*55.24*	
		For Polished Or Patina Finish, Add	*110.47*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	526.05	21.81
		For Installation With Adhesive, Deduct	*-35.03*	
		For Oxidized Finish, Add	*65.82*	
		For Polished Or Patina Finish, Add	*131.64*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	608.91	22.95
		For Installation With Adhesive, Deduct	*-39.63*	
		For Oxidized Finish, Add	*77.56*	
		For Polished Or Patina Finish, Add	*155.12*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	923.85	27.55
		For Installation With Adhesive, Deduct	*-57.21*	
		For Oxidized Finish, Add	*122.05*	
		For Polished Or Patina Finish, Add	*244.09*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	63.70	5.74
		For Installation With Adhesive, Deduct	*-5.48*	
		For Oxidized Finish, Add	*6.11*	
		For Polished Or Patina Finish, Add	*12.23*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	82.96	6.66
		For Installation With Adhesive, Deduct	*-6.81*	
		For Oxidized Finish, Add	*8.45*	
		For Polished Or Patina Finish, Add	*16.90*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	120.39	8.03
		For Installation With Adhesive, Deduct	*-9.23*	
		For Oxidized Finish, Add	*13.24*	
		For Polished Or Patina Finish, Add	*26.47*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	159.08	9.18
		For Installation With Adhesive, Deduct	*-11.63*	
		For Oxidized Finish, Add	*18.35*	
		For Polished Or Patina Finish, Add	*36.70*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	215.57	10.34
		For Installation With Adhesive, Deduct	*-14.91*	
		For Oxidized Finish, Add	*26.14*	
		For Polished Or Patina Finish, Add	*52.28*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	273.20	11.93
		For Installation With Adhesive, Deduct	*-18.44*	
		For Oxidized Finish, Add	*33.82*	
		For Polished Or Patina Finish, Add	*67.63*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	342.04	13.78
		For Installation With Adhesive, Deduct	*-22.61*	
		For Oxidized Finish, Add	*43.04*	
		For Polished Or Patina Finish, Add	*86.08*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	423.07	16.53
		For Installation With Adhesive, Deduct	*-27.77*	
		For Oxidized Finish, Add	*53.54*	
		For Polished Or Patina Finish, Add	*107.09*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	511.76	18.37
		For Installation With Adhesive, Deduct	*-32.94*	
		For Oxidized Finish, Add	*65.74*	
		For Polished Or Patina Finish, Add	*131.49*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	609.23	20.66
		For Installation With Adhesive, Deduct	*-38.73*	
		For Oxidized Finish, Add	*78.99*	
		For Polished Or Patina Finish, Add	*157.97*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	714.73	21.81
		For Installation With Adhesive, Deduct	*-44.46*	
		For Oxidized Finish, Add	*94.12*	
		For Polished Or Patina Finish, Add	*188.24*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	810.57	22.95
		For Installation With Adhesive, Deduct	*-49.71*	
		For Oxidized Finish, Add	*107.81*	
		For Polished Or Patina Finish, Add	*215.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,110.99	27.55
		For Installation With Adhesive, Deduct	*-66.57*	
		For Oxidized Finish, Add	*150.12*	
		For Polished Or Patina Finish, Add	*300.23*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	65.86	5.74
		For Installation With Adhesive, Deduct	*-5.59*	
		For Oxidized Finish, Add	*6.44*	
		For Polished Or Patina Finish, Add	*12.87*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	98.44	6.66
		For Installation With Adhesive, Deduct	*-7.59*	
		For Oxidized Finish, Add	*10.77*	
		For Polished Or Patina Finish, Add	*21.54*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	140.22	8.03
		For Installation With Adhesive, Deduct	*-10.23*	
		For Oxidized Finish, Add	*16.21*	
		For Polished Or Patina Finish, Add	*32.42*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	193.02	9.18
		For Installation With Adhesive, Deduct	*-13.33*	
		For Oxidized Finish, Add	*23.44*	
		For Polished Or Patina Finish, Add	*46.88*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	263.64	10.34
		For Installation With Adhesive, Deduct	*-17.31*	
		For Oxidized Finish, Add	*33.35*	
		For Polished Or Patina Finish, Add	*66.70*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	359.30	11.93
		For Installation With Adhesive, Deduct	*-22.74*	
		For Oxidized Finish, Add	*46.73*	
		For Polished Or Patina Finish, Add	*93.46*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	466.44	13.78
		For Installation With Adhesive, Deduct	*-28.83*	
		For Oxidized Finish, Add	*61.70*	
		For Polished Or Patina Finish, Add	*123.40*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	583.94	16.53
		For Installation With Adhesive, Deduct	*-35.81*	
		For Oxidized Finish, Add	*77.67*	
		For Polished Or Patina Finish, Add	*155.35*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	717.11	18.37
		For Installation With Adhesive, Deduct	*-43.20*	
		For Oxidized Finish, Add	*96.55*	
		For Polished Or Patina Finish, Add	*193.09*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	859.63	20.66
		For Installation With Adhesive, Deduct	*-51.25*	
		For Oxidized Finish, Add	*116.55*	
		For Polished Or Patina Finish, Add	*233.09*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,017.50	21.81
		For Installation With Adhesive, Deduct	*-59.60*	
		For Oxidized Finish, Add	*139.54*	
		For Polished Or Patina Finish, Add	*279.08*	
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,182.86	22.95
		For Installation With Adhesive, Deduct	*-68.33*	
		For Oxidized Finish, Add	*163.65*	
		For Polished Or Patina Finish, Add	*327.31*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,656.14	27.55
		For Installation With Adhesive, Deduct	*-93.83*	
		For Oxidized Finish, Add	*231.89*	
		For Polished Or Patina Finish, Add	*463.78*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	51.66	5.74
		For Installation With Adhesive, Deduct	*-4.88*	
		For Polished Finish, Add	*8.61*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	67.64	6.66
		For Installation With Adhesive, Deduct	*-6.05*	
		For Polished Finish, Add	*12.30*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	95.72	8.03
		For Installation With Adhesive, Deduct	*-8.00*	
		For Polished Finish, Add	*19.07*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	126.97	9.18
		For Installation With Adhesive, Deduct	*-10.02*	
		For Polished Finish, Add	*27.07*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	161.28	10.34
		For Installation With Adhesive, Deduct	*-12.20*	
		For Polished Finish, Add	*35.99*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	205.66	11.93
		For Installation With Adhesive, Deduct	*-15.06*	
		For Polished Finish, Add	*47.37*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	258.11	13.78
		For Installation With Adhesive, Deduct	*-18.42*	
		For Polished Finish, Add	*60.90*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	318.35	16.53
		For Installation With Adhesive, Deduct	*-22.53*	
		For Polished Finish, Add	*75.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	382.09	18.37
		For Installation With Adhesive, Deduct	*-26.45*	
		For Polished Finish, Add	*92.59*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	452.79	20.66
		For Installation With Adhesive, Deduct	*-30.90*	
		For Polished Finish, Add	*111.04*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	529.17	21.81
		For Installation With Adhesive, Deduct	*-35.18*	
		For Polished Finish, Add	*132.58*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	611.68	22.95
		For Installation With Adhesive, Deduct	*-39.77*	
		For Polished Finish, Add	*155.95*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	879.69	27.55
		For Installation With Adhesive, Deduct	*-55.01*	
		For Polished Finish, Add	*230.84*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	58.84	5.74
		For Installation With Adhesive, Deduct	*-5.24*	
		For Polished Finish, Add	*10.77*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	79.95	6.66
		For Installation With Adhesive, Deduct	*-6.66*	
		For Polished Finish, Add	*16.00*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	117.97	8.03
		For Installation With Adhesive, Deduct	*-9.11*	
		For Polished Finish, Add	*25.75*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	163.06	9.18
		For Installation With Adhesive, Deduct	*-11.83*	
		For Polished Finish, Add	*37.90*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	221.26	10.34
		For Installation With Adhesive, Deduct	*-15.20*	
		For Polished Finish, Add	*53.98*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	276.72	11.93
		For Installation With Adhesive, Deduct	*-18.61*	
		For Polished Finish, Add	*68.69*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	349.47	13.78
		For Installation With Adhesive, Deduct	*-22.98*	
		For Polished Finish, Add	*88.31*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	431.85	16.53
		For Installation With Adhesive, Deduct	*-28.20*	
		For Polished Finish, Add	*109.72*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	520.97	18.37
		For Installation With Adhesive, Deduct	*-33.40*	
		For Polished Finish, Add	*134.25*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	619.36	20.66
		For Installation With Adhesive, Deduct	*-39.23*	
		For Polished Finish, Add	*161.01*	
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	728.04	21.81
		For Installation With Adhesive, Deduct	*-45.13*	
		For Polished Finish, Add	*192.24*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	819.62	22.95
		For Installation With Adhesive, Deduct	*-50.17*	
		For Polished Finish, Add	*218.33*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,149.01	27.55
		For Installation With Adhesive, Deduct	*-68.47*	
		For Polished Finish, Add	*311.64*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	49.05	5.74
		For Installation With Adhesive, Deduct	*-4.75*	
		For Polished Finish, Add	*7.83*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	64.48	6.66
		For Installation With Adhesive, Deduct	*-5.89*	
		For Polished Finish, Add	*11.36*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	83.05	8.03
		For Installation With Adhesive, Deduct	*-7.37*	
		For Polished Finish, Add	*15.27*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	107.22	9.18
		For Installation With Adhesive, Deduct	*-9.04*	
		For Polished Finish, Add	*21.14*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	131.37	10.34
		For Installation With Adhesive, Deduct	*-10.70*	
		For Polished Finish, Add	*27.02*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	161.31	11.93
		For Installation With Adhesive, Deduct	*-12.84*	
		For Polished Finish, Add	*34.07*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	193.44	13.78
		For Installation With Adhesive, Deduct	*-15.18*	
		For Polished Finish, Add	*41.50*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	231.87	16.53
		For Installation With Adhesive, Deduct	*-18.21*	
		For Polished Finish, Add	*49.73*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	270.54	18.37
		For Installation With Adhesive, Deduct	*-20.87*	
		For Polished Finish, Add	*59.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	316.27	20.66
		For Installation With Adhesive, Deduct	*-24.08*	
		For Polished Finish, Add	*70.09*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	367.85	21.81
		For Installation With Adhesive, Deduct	*-27.12*	
		For Polished Finish, Add	*84.18*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	420.73	22.95
		For Installation With Adhesive, Deduct	*-30.22*	
		For Polished Finish, Add	*98.67*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	577.44	27.55
		For Installation With Adhesive, Deduct	*-39.89*	
		For Polished Finish, Add	*140.17*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	58.19	5.74
		For Installation With Adhesive, Deduct	*-5.20*	
		For Polished Finish, Add	*10.57*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	77.73	6.66
		For Installation With Adhesive, Deduct	*-6.55*	
		For Polished Finish, Add	*15.33*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	99.85	8.03
		For Installation With Adhesive, Deduct	*-8.21*	
		For Polished Finish, Add	*20.31*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	127.66	9.18
		For Installation With Adhesive, Deduct	*-10.06*	
		For Polished Finish, Add	*27.28*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	157.49	10.34
		For Installation With Adhesive, Deduct	*-12.01*	
		For Polished Finish, Add	*34.85*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	194.23	11.93
		For Installation With Adhesive, Deduct	*-14.49*	
		For Polished Finish, Add	*43.94*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	233.56	13.78
		For Installation With Adhesive, Deduct	*-17.19*	
		For Polished Finish, Add	*53.54*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	279.94	16.53
		For Installation With Adhesive, Deduct	*-20.61*	
		For Polished Finish, Add	*64.15*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	325.72	18.37
		For Installation With Adhesive, Deduct	*-23.63*	
		For Polished Finish, Add	*75.68*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	381.68	20.66
		For Installation With Adhesive, Deduct	*-27.35*	
		For Polished Finish, Add	*89.71*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	429.58	21.81
		For Installation With Adhesive, Deduct	*-30.20*	
		For Polished Finish, Add	*102.70*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	493.09	22.95
		For Installation With Adhesive, Deduct	*-33.84*	
		For Polished Finish, Add	*120.38*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	680.24	27.55
		For Installation With Adhesive, Deduct	*-45.03*	
		For Polished Finish, Add	*171.01*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	69.93	5.74
		For Installation With Adhesive, Deduct	*-5.79*	
		For Polished Finish, Add	*14.09*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	94.76	6.66
		For Installation With Adhesive, Deduct	*-7.40*	
		For Polished Finish, Add	*20.44*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	122.24	8.03
		For Installation With Adhesive, Deduct	*-9.33*	
		For Polished Finish, Add	*27.03*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	160.78	9.18
		For Installation With Adhesive, Deduct	*-11.71*	
		For Polished Finish, Add	*37.21*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	199.81	10.34
		For Installation With Adhesive, Deduct	*-14.12*	
		For Polished Finish, Add	*47.55*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	247.60	11.93
		For Installation With Adhesive, Deduct	*-17.16*	
		For Polished Finish, Add	*59.95*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	298.58	13.78
		For Installation With Adhesive, Deduct	*-20.44*	
		For Polished Finish, Add	*73.04*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	357.84	16.53
		For Installation With Adhesive, Deduct	*-24.50*	
		For Polished Finish, Add	*87.52*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	426.23	18.37
		For Installation With Adhesive, Deduct	*-28.66*	
		For Polished Finish, Add	*105.83*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	500.83	20.66
		For Installation With Adhesive, Deduct	*-33.31*	
		For Polished Finish, Add	*125.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	561.47	21.81
		For Installation With Adhesive, Deduct	*-36.80*	
		For Polished Finish, Add	*142.27*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	647.67	22.95
		For Installation With Adhesive, Deduct	*-41.57*	
		For Polished Finish, Add	*166.75*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	899.84	27.55
		For Installation With Adhesive, Deduct	*-56.01*	
		For Polished Finish, Add	*236.89*	

10 14 23 Panel Signage *(10 14)*

10 14 23 00-0001 Indoor/Outdoor Signs *(10 14 23)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 00-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 00-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	20.69	8.51
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.92*	
		For >100, Deduct	*-1.10*	
		For Clear Glass Mount, Add	*2.94*	
		For Glow-In-Dark, Add	*7.36*	
		For Reflective Finish, Add	*8.28*	
10 14 23 00-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	23.31	8.51
		For >25 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-1.89*	
		For Clear Glass Mount, Add	*5.04*	
		For Glow-In-Dark, Add	*12.60*	
		For Reflective Finish, Add	*14.18*	
10 14 23 00-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	27.51	8.51
		For >25 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-3.15*	
		For Clear Glass Mount, Add	*8.40*	
		For Glow-In-Dark, Add	*21.00*	
		For Reflective Finish, Add	*23.63*	
10 14 23 00-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	32.76	8.51
		For >25 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-4.73*	
		For Clear Glass Mount, Add	*12.60*	
		For Glow-In-Dark, Add	*31.50*	
		For Reflective Finish, Add	*35.44*	
10 14 23 00-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	42.21	8.51
		For >25 To 50, Deduct	*-2.52*	
		For >50 To 100, Deduct	*-6.30*	
		For >100, Deduct	*-7.56*	
		For Clear Glass Mount, Add	*20.16*	
		For Glow-In-Dark, Add	*50.40*	
		For Reflective Finish, Add	*56.70*	
10 14 23 00-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	59.01	8.51
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-10.50*	
		For >100, Deduct	*-12.60*	
		For Clear Glass Mount, Add	*33.60*	
		For Glow-In-Dark, Add	*84.00*	
		For Reflective Finish, Add	*94.50*	
10 14 23 00-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	80.01	8.51
		For >25 To 50, Deduct	*-6.30*	
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-18.90*	
		For Clear Glass Mount, Add	*50.40*	
		For Glow-In-Dark, Add	*126.00*	
		For Reflective Finish, Add	*141.75*	
10 14 23 00-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Clear Glass Mount, Add	*0.06*	
		For Glow-In-Dark, Add	*0.14*	
		For Reflective Finish, Add	*0.16*	

10 14 23 00-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 00-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	21.73	8.51
		For >25 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-1.42*	
		For Glow-In-Dark, Add	*9.44*	
		For Reflective Finish, Add	*10.15*	
10 14 23 00-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	24.36	8.51
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-2.21*	
		For Glow-In-Dark, Add	*14.70*	
		For Reflective Finish, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	29.61	8.51
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-3.78*	
		For Glow-In-Dark, Add	*25.20*	
		For Reflective Finish, Add	*27.09*	
10 14 23 00-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	34.86	8.51
		For >25 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-4.46*	
		For >100, Deduct	*-5.36*	
		For Glow-In-Dark, Add	*35.70*	
		For Reflective Finish, Add	*38.38*	
10 14 23 00-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	42.73	8.51
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.43*	
		For >100, Deduct	*-7.72*	
		For Glow-In-Dark, Add	*51.44*	
		For Reflective Finish, Add	*55.30*	
10 14 23 00-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	50.61	8.51
		For >25 To 50, Deduct	*-3.36*	
		For >50 To 100, Deduct	*-8.40*	
		For >100, Deduct	*-10.08*	
		For Glow-In-Dark, Add	*67.20*	
		For Reflective Finish, Add	*72.24*	
10 14 23 00-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	59.01	8.51
		For >25 To 50, Deduct	*-4.20*	
		For >50 To 100, Deduct	*-10.50*	
		For >100, Deduct	*-12.60*	
		For Glow-In-Dark, Add	*84.00*	
		For Reflective Finish, Add	*90.30*	
10 14 23 00-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.07	0.01
		For Glow-In-Dark, Add	*0.10*	
		For Reflective Finish, Add	*0.11*	

10 14 23 00-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 00-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	29.61	8.51
		For >25 To 50, Deduct	*-1.26*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-3.78*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 00-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	32.76	8.51
		For >25 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-4.73*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 00-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	38.01	8.51
		For >25 To 50, Deduct	*-2.10*	
		For >50 To 100, Deduct	*-5.25*	
		For >100, Deduct	*-6.30*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 00-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	42.95	8.51
		For >25 To 50, Deduct	*-2.59*	
		For >50 To 100, Deduct	*-6.49*	
		For >100, Deduct	*-7.78*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 00-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.46	0.08
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 00-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 00-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	36.96	8.51
		For >25 To 50, Deduct	*-2.00*	
		For >50 To 100, Deduct	*-4.99*	
		For >100, Deduct	*-5.99*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 00-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	43.26	8.51
		For >25 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-6.56*	
		For >100, Deduct	*-7.88*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 00-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	51.66	8.51
		For >25 To 50, Deduct	*-3.47*	
		For >50 To 100, Deduct	*-8.66*	
		For >100, Deduct	*-10.40*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 00-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	68.46	8.51
		For >25 To 50, Deduct	*-5.15*	
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-15.44*	
		For Molded Plastic Frame, Add	*21.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.68	0.08
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 00-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 00-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 00-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	21.21	8.51
		For >25 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-1.26*	
		For Glow-In-Dark, Add	*2.52*	
		For Reflective Finish, Add	*3.15*	
10 14 23 00-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	24.36	8.51
		For >25 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-2.21*	
		For Glow-In-Dark, Add	*4.41*	
		For Reflective Finish, Add	*5.51*	
10 14 23 00-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	30.66	8.51
		For >25 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.41*	
		For >100, Deduct	*-4.10*	
		For Glow-In-Dark, Add	*8.19*	
		For Reflective Finish, Add	*10.24*	
10 14 23 00-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	38.01	8.51
		For >25 To 50, Deduct	*-2.10*	
		For >50 To 100, Deduct	*-5.25*	
		For >100, Deduct	*-6.30*	
		For Glow-In-Dark, Add	*12.60*	
		For Reflective Finish, Add	*15.75*	
10 14 23 00-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	60.06	8.51
		For >25 To 50, Deduct	*-4.31*	
		For >50 To 100, Deduct	*-10.76*	
		For >100, Deduct	*-12.92*	
		For Glow-In-Dark, Add	*25.83*	
		For Reflective Finish, Add	*32.29*	
10 14 23 00-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	69.51	8.51
		For >25 To 50, Deduct	*-5.25*	
		For >50 To 100, Deduct	*-13.13*	
		For >100, Deduct	*-15.75*	
		For Glow-In-Dark, Add	*31.50*	
		For Reflective Finish, Add	*39.38*	
10 14 23 00-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	82.11	8.51
		For >25 To 50, Deduct	*-6.51*	
		For >50 To 100, Deduct	*-16.28*	
		For >100, Deduct	*-19.53*	
		For Glow-In-Dark, Add	*39.06*	
		For Reflective Finish, Add	*48.83*	
10 14 23 00-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Glow-In-Dark, Add	*0.04*	
		For Reflective Finish, Add	*0.05*	

10 14 23 00-0042 California Title 24, Surface Mount, Signs *(10 14 23 00-0002)*

10 14 23 00-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 00-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

10 14 23 00-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	55.60	8.51
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-5.79*	
		For >100, Deduct	*-6.56*	
10 14 23 00-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	55.60	8.51
		For >25 To 50, Deduct	*-3.86*	
		For >50 To 100, Deduct	*-5.79*	
		For >100, Deduct	*-6.56*	
10 14 23 00-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign	71.03	8.51
		Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.		
		For >25 To 50, Deduct	*-5.40*	
		For >50 To 100, Deduct	*-8.10*	
		For >100, Deduct	*-9.18*	

10 14 23 00-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 00-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

10 14 23 00-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	104.11	8.51
		For >25 To 50, Deduct	*-8.71*	
		For >50 To 100, Deduct	*-13.07*	
		For >100, Deduct	*-14.81*	

10 14 23 00-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 00-0049)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	29.59	11.91
		For >25 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-1.73*	
		For Glow-In-Dark, Add	*3.47*	
		For Reflective Finish, Add	*4.34*	
10 14 23 00-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	34.31	11.91
		For >25 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-3.15*	
		For Glow-In-Dark, Add	*6.30*	
		For Reflective Finish, Add	*7.88*	
10 14 23 00-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	40.61	11.91
		For >25 To 50, Deduct	*-1.68*	
		For >50 To 100, Deduct	*-4.20*	
		For >100, Deduct	*-5.04*	
		For Glow-In-Dark, Add	*10.08*	
		For Reflective Finish, Add	*12.60*	
10 14 23 00-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	50.06	11.91
		For >25 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-6.56*	
		For >100, Deduct	*-7.88*	
		For Glow-In-Dark, Add	*15.75*	
		For Reflective Finish, Add	*19.69*	

10 14 23 00-0055 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0056 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0055)*

10 14 23 00-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	30.11	11.91
		For >25 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-1.89*	
		For Glow-In-Dark, Add	*3.78*	
		For Reflective Finish, Add	*4.73*	
10 14 23 00-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	35.36	11.91
		For >25 To 50, Deduct	*-1.16*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-3.47*	
		For Glow-In-Dark, Add	*6.93*	
		For Reflective Finish, Add	*8.66*	
10 14 23 00-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	46.91	11.91
		For >25 To 50, Deduct	*-2.31*	
		For >50 To 100, Deduct	*-5.78*	
		For >100, Deduct	*-6.93*	
		For Glow-In-Dark, Add	*13.86*	
		For Reflective Finish, Add	*17.33*	
10 14 23 00-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	51.11	11.91
		For >25 To 50, Deduct	*-2.73*	
		For >50 To 100, Deduct	*-6.83*	
		For >100, Deduct	*-8.19*	
		For Glow-In-Dark, Add	*16.38*	
		For Reflective Finish, Add	*20.48*	

10 14 23 00-0061 Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0001)*

10 14 23 00-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 00-0061)*

10 14 23 00-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	31.69	11.91
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-2.36*	
		For Glow-In-Dark, Add	*4.73*	
		For Reflective Finish, Add	*5.91*	
10 14 23 00-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	39.56	11.91
		For >25 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-4.73*	
		For Glow-In-Dark, Add	*9.45*	
		For Reflective Finish, Add	*11.81*	
10 14 23 00-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	42.71	11.91
		For >25 To 50, Deduct	*-1.89*	
		For >50 To 100, Deduct	*-4.73*	
		For >100, Deduct	*-5.67*	
		For Glow-In-Dark, Add	*11.34*	
		For Reflective Finish, Add	*14.18*	
10 14 23 00-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	46.91	11.91
		For >25 To 50, Deduct	*-2.31*	
		For >50 To 100, Deduct	*-5.78*	
		For >100, Deduct	*-6.93*	
		For Glow-In-Dark, Add	*13.86*	
		For Reflective Finish, Add	*17.33*	

10 14 23 00-0067 Adhesive Backed Vinyl Characters *(10 14 23)*

Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.16	0.68
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.36*	
10 14 23 00-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.23	0.78
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.38*	
10 14 23 00-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.30	0.88
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.40*	
10 14 23 00-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.10	1.02
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.51*	
10 14 23 00-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.20	1.19
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.53*	
10 14 23 00-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.52	1.36
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.78*	
10 14 23 00-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.82	1.53
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.85*	
10 14 23 00-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	6.44	1.71
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.17*	
10 14 23 00-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.67	1.88
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.48*	
10 14 23 00-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	9.80	2.04
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.92*	

10 14 23 00-0078 Removal And Reinstallation Of Building Signage *(10 14 23)*

Note: Includes storage and cleaning.

10 14 23 00-0079	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	160.77	
10 14 23 00-0080	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	184.87	
10 14 23 00-0081	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	207.84	
10 14 23 00-0082	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	51.03	

10 14 23 00-0083 Building Sign *(10 14 23)*

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 00-0084	EA	6" x 18" Metal Building Sign With Numbers	116.81	20.42
10 14 23 00-0085	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	39.44	6.43
10 14 23 00-0086	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	29.55	5.97
10 14 23 00-0087	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	15.77	5.05
10 14 23 00-0088	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	17.84	5.51
10 14 23 00-0089	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	19.48	5.97
10 14 23 00-0090	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	22.29	6.43

10 14 23 00-0091 Custom Acrylic Signage (Takeform; Fusion) *(10 14 23)*

10 14 23 00-0092	EA	Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage Note: Accommodates inserts.	271.45	17.01
10 14 23 00-0093	EA	Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage Note: Accommodates inserts.	375.88	17.01
10 14 23 00-0094	EA	Inserts for Type B: Directional Signage	27.02	
10 14 23 00-0095	EA	Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage Note: Accommodates inserts.	214.93	13.60
10 14 23 00-0096	EA	Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage Note: Accommodates inserts.	289.51	13.60
10 14 23 00-0097	EA	Inserts for Type D: Evacuation Map Signage	15.13	
10 14 23 00-0098	EA	Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	176.80	8.85
10 14 23 00-0099	EA	Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	165.61	8.85
10 14 23 00-0100	EA	Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	176.80	8.85
10 14 23 00-0101	EA	Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	165.61	8.85
10 14 23 00-0102	EA	Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage Note: Accommodates inserts.	142.57	8.51
10 14 23 00-0103	EA	Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage Note: Accommodates inserts.	167.43	8.51
10 14 23 00-0104	EA	Inserts for Type H Signage	8.30	
10 14 23 00-0105	EA	Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage Note: Accommodates inserts.	161.22	8.51
10 14 23 00-0106	EA	Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage Note: Accommodates inserts.	198.51	8.51
10 14 23 00-0107	EA	Inserts for Type I Signage	12.97	
10 14 23 00-0108	EA	Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage Note: Accommodates inserts.	51.60	8.51
10 14 23 00-0109	EA	Inserts for Type L Signage	10.38	

10 14 53 Traffic Signage *(10 14)*

10 14 53 00-0001 Traffic Signs *(10 14 53)*

10 14 53 00-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 00-0001)*

Note: Excludes posts.

10 14 53 00-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 00-0002)*

10 14 53 00-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	52.07	15.31
		For Hi-Intensity Grade, Add	*6.44*	
		For Diamond Grade, Add	*12.23*	
10 14 53 00-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	60.37	16.19
		For Hi-Intensity Grade, Add	*8.42*	
		For Diamond Grade, Add	*15.99*	
10 14 53 00-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	65.37	17.01
		For Hi-Intensity Grade, Add	*12.85*	
		For Diamond Grade, Add	*20.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	75.87	17.90
		For Hi-Intensity Grade, Add	*4.82*	
		For Diamond Grade, Add	*26.10*	
10 14 53 00-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	101.77	18.71
		For Hi-Intensity Grade, Add	*14.16*	
		For Diamond Grade, Add	*44.40*	

10 14 53 00-0009 Other Reflectorized Traffic Signs *(10 14 53 00-0002)*

Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.

10 14 53 00-0010 Aluminum Engineer Grade Traffic Signs *(10 14 53 00-0009)*

10 14 53 00-0011	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	32.53	13.60
		For Hi-Intensity Grade, Add	*1.59*	
10 14 53 00-0012	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	35.19	13.60
		For Hi-Intensity Grade, Add	*2.39*	
10 14 53 00-0013	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	35.19	13.60
		For Hi-Intensity Grade, Add	*2.39*	
10 14 53 00-0014	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	37.18	13.60
		For Hi-Intensity Grade, Add	*2.99*	
10 14 53 00-0015	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	39.18	13.60
		For Hi-Intensity Grade, Add	*3.59*	
10 14 53 00-0016	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	44.85	14.46
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 00-0017	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	60.79	14.46
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0018	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	37.85	13.60
		For Hi-Intensity Grade, Add	*3.19*	
10 14 53 00-0019	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	44.85	14.46
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 00-0020	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	50.16	14.46
		For Hi-Intensity Grade, Add	*6.38*	
10 14 53 00-0021	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	55.48	14.46
		For Hi-Intensity Grade, Add	*7.97*	
10 14 53 00-0022	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	60.79	14.46
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0023	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	52.82	14.46
		For Hi-Intensity Grade, Add	*7.17*	
10 14 53 00-0024	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	60.79	14.46
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 00-0025	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	70.47	15.31
		For Hi-Intensity Grade, Add	*11.96*	
10 14 53 00-0026	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	78.44	15.31
		For Hi-Intensity Grade, Add	*14.35*	
10 14 53 00-0027	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	101.18	18.71
		For Hi-Intensity Grade, Add	*19.13*	
10 14 53 00-0028	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	109.15	18.71
		For Hi-Intensity Grade, Add	*21.52*	
10 14 53 00-0029	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	73.13	15.31
		For Hi-Intensity Grade, Add	*12.75*	
10 14 53 00-0030	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	83.76	15.31
		For Hi-Intensity Grade, Add	*15.94*	
10 14 53 00-0031	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	94.38	15.31
		For Hi-Intensity Grade, Add	*19.13*	
10 14 53 00-0032	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	111.81	18.71
		For Hi-Intensity Grade, Add	*22.32*	
10 14 53 00-0033	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	122.44	18.71
		For Hi-Intensity Grade, Add	*25.51*	
10 14 53 00-0034	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	133.06	18.71
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 00-0035	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	143.69	18.71
		For Hi-Intensity Grade, Add	*31.88*	
10 14 53 00-0036	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	97.04	15.31
		For Hi-Intensity Grade, Add	*19.93*	
10 14 53 00-0037	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	117.12	18.71
		For Hi-Intensity Grade, Add	*23.91*	
10 14 53 00-0038	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	130.41	18.71
		For Hi-Intensity Grade, Add	*27.90*	
10 14 53 00-0039	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	150.49	22.11
		For Hi-Intensity Grade, Add	*31.88*	
10 14 53 00-0040	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	183.87	25.51
		For Hi-Intensity Grade, Add	*39.85*	
10 14 53 00-0041	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	133.06	18.71
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 00-0042	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	155.81	22.11
		For Hi-Intensity Grade, Add	*33.48*	
10 14 53 00-0043	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	178.56	25.51
		For Hi-Intensity Grade, Add	*38.26*	
10 14 53 00-0044	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	194.50	25.51
		For Hi-Intensity Grade, Add	*43.04*	
10 14 53 00-0045	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	217.25	28.91
		For Hi-Intensity Grade, Add	*47.82*	
10 14 53 00-0046	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	258.59	32.32
		For Hi-Intensity Grade, Add	*58.19*	
10 14 53 00-0047	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	271.87	32.32
		For Hi-Intensity Grade, Add	*62.17*	
10 14 53 00-0048	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	361.77	37.42
		For Hi-Intensity Grade, Add	*86.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0049	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	181.21	25.51
		For Hi-Intensity Grade, Add	*39.05*	
10 14 53 00-0050	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	227.88	28.91
		For Hi-Intensity Grade, Add	*51.01*	
10 14 53 00-0051	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	255.93	32.32
		For Hi-Intensity Grade, Add	*57.39*	
10 14 53 00-0052	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	277.18	32.32
		For Hi-Intensity Grade, Add	*63.76*	
10 14 53 00-0053	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	308.64	37.42
		For Hi-Intensity Grade, Add	*70.14*	
10 14 53 00-0054	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	329.89	37.42
		For Hi-Intensity Grade, Add	*76.52*	
10 14 53 00-0055	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	379.21	40.82
		For Hi-Intensity Grade, Add	*89.27*	
10 14 53 00-0056	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	421.72	40.82
		For Hi-Intensity Grade, Add	*102.02*	
10 14 53 00-0057	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	442.97	40.82
		For Hi-Intensity Grade, Add	*108.40*	
10 14 53 00-0058	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	467.63	42.53
		For Hi-Intensity Grade, Add	*114.77*	
10 14 53 00-0059	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	400.47	40.82
		For Hi-Intensity Grade, Add	*95.65*	
10 14 53 00-0060	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	874.03	54.43
		For Hi-Intensity Grade, Add	*229.55*	
10 14 53 00-0061	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	637.66	42.53
		For Hi-Intensity Grade, Add	*165.78*	

10 14 53 00-0062 Non-Reflectorized Traffic Signs *(10 14 53 00-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 00-0063 Steel Non-Reflectorized Traffic Signs *(10 14 53 00-0062)*

10 14 53 00-0064	EA	6" x 12" Steel Non Reflectorized Traffic Sign	31.81	13.60
10 14 53 00-0065	EA	6" x 18" Steel Non Reflectorized Traffic Sign	34.11	13.60
10 14 53 00-0066	EA	9" x 12" Steel Non Reflectorized Traffic Sign	34.11	13.60
10 14 53 00-0067	EA	9" x 15" Steel Non Reflectorized Traffic Sign	35.83	13.60
10 14 53 00-0068	EA	9" x 18" Steel Non Reflectorized Traffic Sign	37.56	13.60
10 14 53 00-0069	EA	9" x 24" Steel Non Reflectorized Traffic Sign	42.69	14.46
10 14 53 00-0070	EA	9" x 48" Steel Non Reflectorized Traffic Sign	56.47	14.46
10 14 53 00-0071	EA	12" x 12" Steel Non Reflectorized Traffic Sign	36.41	13.60
10 14 53 00-0072	EA	12" x 18" Steel Non Reflectorized Traffic Sign	42.69	14.46
10 14 53 00-0073	EA	12" x 24" Steel Non Reflectorized Traffic Sign	47.28	14.46
10 14 53 00-0074	EA	12" x 30" Steel Non Reflectorized Traffic Sign	51.88	14.46
10 14 53 00-0075	EA	12" x 36" Steel Non Reflectorized Traffic Sign	56.47	14.46
10 14 53 00-0076	EA	18" x 18" Steel Non Reflectorized Traffic Sign	49.58	14.46
10 14 53 00-0077	EA	18" x 24" Steel Non Reflectorized Traffic Sign	56.47	14.46
10 14 53 00-0078	EA	18" x 30" Steel Non Reflectorized Traffic Sign	65.07	15.31
10 14 53 00-0079	EA	18" x 36" Steel Non Reflectorized Traffic Sign	71.96	15.31
10 14 53 00-0080	EA	18" x 48" Steel Non Reflectorized Traffic Sign	92.54	18.71
10 14 53 00-0081	EA	18" x 54" Steel Non Reflectorized Traffic Sign	99.43	18.71
10 14 53 00-0082	EA	24" x 24" Steel Non Reflectorized Traffic Sign	67.37	15.31
10 14 53 00-0083	EA	24" x 30" Steel Non Reflectorized Traffic Sign	76.56	15.31
10 14 53 00-0084	EA	24" x 36" Steel Non Reflectorized Traffic Sign	85.74	15.31
10 14 53 00-0085	EA	24" x 42" Steel Non Reflectorized Traffic Sign	101.73	18.71
10 14 53 00-0086	EA	24" x 48" Steel Non Reflectorized Traffic Sign	110.92	18.71
10 14 53 00-0087	EA	24" x 54" Steel Non Reflectorized Traffic Sign	120.10	18.71
10 14 53 00-0088	EA	24" x 60" Steel Non Reflectorized Traffic Sign	129.29	18.71
10 14 53 00-0089	EA	30" x 30" Steel Non Reflectorized Traffic Sign	88.04	15.31
10 14 53 00-0090	EA	30" x 36" Steel Non Reflectorized Traffic Sign	106.32	18.71
10 14 53 00-0091	EA	30" x 42" Steel Non Reflectorized Traffic Sign	117.81	18.71
10 14 53 00-0092	EA	30" x 48" Steel Non Reflectorized Traffic Sign	136.09	22.11
10 14 53 00-0093	EA	30" x 60" Steel Non Reflectorized Traffic Sign	165.87	25.51
10 14 53 00-0094	EA	36" x 36" Steel Non Reflectorized Traffic Sign	120.10	18.71
10 14 53 00-0095	EA	36" x 42" Steel Non Reflectorized Traffic Sign	140.69	22.11
10 14 53 00-0096	EA	36" x 48" Steel Non Reflectorized Traffic Sign	161.28	25.51
10 14 53 00-0097	EA	36" x 54" Steel Non Reflectorized Traffic Sign	175.06	25.51
10 14 53 00-0098	EA	36" x 60" Steel Non Reflectorized Traffic Sign	195.65	28.91
10 14 53 00-0099	EA	36" x 73" Steel Non Reflectorized Traffic Sign	232.31	32.32
10 14 53 00-0100	EA	36" x 78" Steel Non Reflectorized Traffic Sign	243.79	32.32
10 14 53 00-0101	EA	36" x 108" Steel Non Reflectorized Traffic Sign	322.89	37.42
10 14 53 00-0102	EA	42" x 42" Steel Non Reflectorized Traffic Sign	163.57	25.51
10 14 53 00-0103	EA	48" x 48" Steel Non Reflectorized Traffic Sign	204.84	28.91
10 14 53 00-0104	EA	48" x 54" Steel Non Reflectorized Traffic Sign	230.01	32.32
10 14 53 00-0105	EA	48" x 60" Steel Non Reflectorized Traffic Sign	248.38	32.32
10 14 53 00-0106	EA	48" x 66" Steel Non Reflectorized Traffic Sign	276.96	37.42
10 14 53 00-0107	EA	48" x 72" Steel Non Reflectorized Traffic Sign	295.33	37.42
10 14 53 00-0108	EA	48" x 84" Steel Non Reflectorized Traffic Sign	338.89	40.82
10 14 53 00-0109	EA	48" x 96" Steel Non Reflectorized Traffic Sign	375.64	40.82
10 14 53 00-0110	EA	48" x 102" Steel Non Reflectorized Traffic Sign	394.01	40.82
10 14 53 00-0111	EA	48" x 108" Steel Non Reflectorized Traffic Sign	415.79	42.53
10 14 53 00-0112	EA	60" x 72" Steel Non Reflectorized Traffic Sign	357.27	40.82
10 14 53 00-0113	EA	72" x 144" Steel Non Reflectorized Traffic Sign	770.35	54.43
10 14 53 00-0114	EA	78" x 96" Steel Non Reflectorized Traffic Sign	562.78	42.53

10 14 53 00-0115 Aluminum Non-Reflectorized Traffic Signs *(10 14 53 00-0062)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0116	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	32.00	13.60
10 14 53 00-0117	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	34.39	13.60
10 14 53 00-0118	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	34.39	13.60
10 14 53 00-0119	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	36.18	13.60
10 14 53 00-0120	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	37.98	13.60
10 14 53 00-0121	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	43.25	14.46
10 14 53 00-0122	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	57.59	14.46
10 14 53 00-0123	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	36.78	13.60
10 14 53 00-0124	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	43.25	14.46
10 14 53 00-0125	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	48.03	14.46
10 14 53 00-0126	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	52.81	14.46
10 14 53 00-0127	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	57.59	14.46
10 14 53 00-0128	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	50.42	14.46
10 14 53 00-0129	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	57.59	14.46
10 14 53 00-0130	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	66.48	15.31
10 14 53 00-0131	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	73.65	15.31
10 14 53 00-0132	EA	18" x 48" Aluminum Non Reflectorized Traffic Sign	94.79	18.71
10 14 53 00-0133	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	101.96	18.71
10 14 53 00-0134	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	68.87	15.31
10 14 53 00-0135	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	78.43	15.31
10 14 53 00-0136	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	87.99	15.31
10 14 53 00-0137	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	104.35	18.71
10 14 53 00-0138	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	113.91	18.71
10 14 53 00-0139	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	123.47	18.71
10 14 53 00-0140	EA	24" x 60" Aluminum Non Reflectorized Traffic Sign	133.04	18.71
10 14 53 00-0141	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	90.38	15.31
10 14 53 00-0142	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	109.13	18.71
10 14 53 00-0143	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	121.08	18.71
10 14 53 00-0144	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	139.84	22.11
10 14 53 00-0145	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	170.55	25.51
10 14 53 00-0146	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	123.47	18.71
10 14 53 00-0147	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	144.62	22.11
10 14 53 00-0148	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	165.77	25.51
10 14 53 00-0149	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	180.11	25.51
10 14 53 00-0150	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	201.26	28.91
10 14 53 00-0151	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	239.14	32.32
10 14 53 00-0152	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	251.09	32.32
10 14 53 00-0153	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	333.00	37.42
10 14 53 00-0154	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	168.16	25.51
10 14 53 00-0155	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	210.83	28.91
10 14 53 00-0156	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	236.75	32.32
10 14 53 00-0157	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	255.87	32.32
10 14 53 00-0158	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	285.20	37.42
10 14 53 00-0159	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	304.32	37.42
10 14 53 00-0160	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	349.37	40.82
10 14 53 00-0161	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	387.62	40.82
10 14 53 00-0162	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	406.74	40.82
10 14 53 00-0163	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	429.27	42.53
10 14 53 00-0164	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	368.50	40.82
10 14 53 00-0165	EA	72" x 144" Aluminum Non Reflectorized Traffic Sign	797.31	54.43
10 14 53 00-0166	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	582.25	42.53

10 14 53 00-0167 Aluminum Street Signs *(10 14 53 00-0001)*
Note: Excludes posts.

10 14 53 00-0168 Aluminum Engineer Grade Street Signs *(10 14 53 00-0167)*

10 14 53 00-0169	EA	6" High, Aluminum Engineer Grade Street Sign	57.54	6.80
10 14 53 00-0170	EA	8" High, Aluminum Engineer Grade Street Sign	65.30	6.80
10 14 53 00-0171	EA	9" High, Aluminum Engineer Grade Street Sign	71.08	6.80

10 14 53 00-0172 Street Sign Accessories *(10 14 53 00-0167)*

10 14 53 00-0173	EA	Post Cap And Single Bracket For Street Sign	17.37	3.40
10 14 53 00-0174	EA	Post Cap And Double Bracket For Street Sign	17.37	3.40

10 14 53 00-0175 Sign Posts *(10 14 53 00-0001)*
Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.

10 14 53 00-0176 U-Channel Sign Posts *(10 14 53 00-0175)*
Note: Excludes digging and concrete.

10 14 53 00-0177 Baked Enamel U-Channel Sign Posts *(10 14 53 00-0176)*

10 14 53 00-0178	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	46.10	13.88
10 14 53 00-0179	EA	6' Baked Enamel U-Channel Sign Post	60.49	17.35
10 14 53 00-0180	EA	7' Baked Enamel U-Channel Sign Post	72.23	20.82
10 14 53 00-0181	EA	8' Baked Enamel U-Channel Sign Post	84.58	24.29
10 14 53 00-0182	EA	10' Baked Enamel U-Channel Sign Post	102.05	29.49
10 14 53 00-0183	EA	12' Baked Enamel U-Channel Sign Post	104.99	29.49

10 14 53 00-0184 Galvanized Steel U-Channel Sign Posts *(10 14 53 00-0176)*

10 14 53 00-0185	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	49.88	13.88
10 14 53 00-0186	EA	6' Galvanized Steel U-Channel Sign Post	66.49	17.35
10 14 53 00-0187	EA	7' Galvanized Steel U-Channel Sign Post	85.80	20.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0188	EA	8' Galvanized Steel U-Channel Sign Post	99.58	24.29
10 14 53 00-0189	EA	10' Galvanized Steel U-Channel Sign Post	112.97	29.49
10 14 53 00-0190	EA	12' Galvanized Steel U-Channel Sign Post	114.49	29.49
10 14 53 00-0191		Fiberglass Or Composite Plastic U-Channel Sign Posts *(10 14 53 00-0176)*		
10 14 53 00-0192	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	45.21	13.88
10 14 53 00-0193	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	58.55	17.35
10 14 53 00-0194	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	69.89	20.82
10 14 53 00-0195	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	81.79	24.29
10 14 53 00-0196	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	96.99	29.49
10 14 53 00-0197	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	101.99	29.49
10 14 53 00-0198		Tubular Sign Posts *(10 14 53 00-0175)* Note: Excludes digging and concrete.		
10 14 53 00-0199		2-3/8" Diameter, Galvanized Steel Tubular Sign Post *(10 14 53 00-0198)*		
10 14 53 00-0200	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	67.11	17.35
10 14 53 00-0201	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	79.64	20.82
10 14 53 00-0202	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	94.08	24.29
10 14 53 00-0203	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	121.18	29.49
10 14 53 00-0204	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	131.48	29.49
10 14 53 00-0205		Square Sign Posts *(10 14 53 00-0175)* Note: Excludes digging and concrete.		
10 14 53 00-0206		Galvanized Steel Square Sign Posts *(10 14 53 00-0205)*		
10 14 53 00-0207	EA	3' To 4' Galvanized Steel Square Sign Post Base	50.72	13.88
10 14 53 00-0208	EA	6' Galvanized Steel Square Sign Post	80.70	17.35
10 14 53 00-0209	EA	7' Galvanized Steel Square Sign Post	94.64	20.82
10 14 53 00-0210	EA	8' Galvanized Steel Square Sign Post	110.40	24.29
10 14 53 00-0211	EA	10' Galvanized Steel Square Sign Post	134.80	29.49
10 14 53 00-0212	EA	12' Galvanized Steel Square Sign Post	141.99	29.49
10 14 53 00-0213		Sign Post Accessories *(10 14 53 00-0001)*		
10 14 53 00-0214		Sign Post Brackets *(10 14 53 00-0213)*		
10 14 53 00-0215	EA	2-3/8" Outside Diameter, Single Sign Bracket Set	22.89	5.11
10 14 53 00-0216	EA	2-3/8" Outside Diameter, Double Sign Bracket Set	41.30	8.51
10 14 53 00-0217	EA	10 cm - 37 cm Diameter, Buckle Bracket Set	35.59	6.80
10 14 53 00-0218		Sign Post Caps *(10 14 53 00-0213)*		
10 14 53 00-0219	EA	Traffic Sign Post Cap	12.69	3.40
10 14 53 00-0220		Sign Post Replacement Bolts *(10 14 53 00-0213)*		
10 14 53 00-0221	EA	Signage Fasteners, 2 Bolts, 2 Nuts And 4 Washers	8.79	
10 14 53 00-0222		Removal Of Signs *(10 14 53)* Note: Includes structural supports.		
10 14 53 00-0223	EA	>4 To 10 SF Sign Area, Sign Removal	136.08	
10 14 53 00-0224	EA	>10 To 20 SF Sign Area, Sign Removal	326.60	
10 14 53 00-0225	EA	>20 To 40 SF Sign Area, Sign Removal	489.89	
10 14 53 00-0226	EA	>40 To 100 SF Sign Area, Sign Removal	773.02	
10 14 53 00-0227		Remove And Reinstall Signs *(10 14 53)* Note: Includes structural supports.		
10 14 53 00-0228	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	207.42	
10 14 53 00-0229	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	492.24	
10 14 53 00-0230	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	736.83	
10 14 53 00-0231	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,161.39	
10 14 53 00-0232	EA	Removal And Reinstallation Of Street Sign On Post	78.25	
10 14 53 00-0233	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	275.44	
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		Bridge And Truss Mounted Signs *(10 14 56)*		
10 14 56 00-0002		Removal Of Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0003	CF	Removal Of Foundation, Including Excavation	12.54	
10 14 56 00-0004	LF	Removal Of Truss And Supports	168.88	
10 14 56 00-0005	SF	Removal Of Sign Face	7.72	
10 14 56 00-0006	SF	Removal Of Legend	12.87	
10 14 56 00-0007	EA	Removal Of Changeable Message Panel	148.46	
10 14 56 00-0008	EA	Removal Of Posts And Supports, Per Post	77.20	
10 14 56 00-0009		Fabricate And Install New Reflective Messages On Sign Face *(10 14 56 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 56 00-0010		One Color/3 Dimensional Demountable Letters *(10 14 56 00-0009)*		
10 14 56 00-0011	EA	6" Capital Height Letter	23.37	
10 14 56 00-0012	EA	8" Capital Height Letter	27.77	
10 14 56 00-0013	EA	10" Capital Height Letter	32.15	
10 14 56 00-0014	EA	12" Capital Height Letter	36.13	
10 14 56 00-0015	EA	14" Capital Height Letter	38.65	
10 14 56 00-0016		Two Color Legend Shields-Die Cut Vinyl Engineer Grade *(10 14 56 00-0009)*		
10 14 56 00-0017	EA	6" Legend/Shields	24.22	
10 14 56 00-0018	EA	8" Legend/Shields	28.90	
10 14 56 00-0019	EA	10" Legend/Shields	33.56	
10 14 56 00-0020	EA	12" Legend/Shields	37.82	
10 14 56 00-0021	EA	14" Legend/Shields	40.64	

10 20 Interior Specialties *(10)*

10 21 Compartments And Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001		Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	687.07	103.35
		For >10, Deduct	*-48.04*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	825.25	112.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	879.98	117.14
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0007		Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Includes headrail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	723.87	126.32
		For >10, Deduct	*-47.12*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	835.82	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	882.09	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0011		Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	854.46	149.28
		For >10, Deduct	*-55.59*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	989.10	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,037.34	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0015		Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)* Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	838.57	172.26
		For >10, Deduct	*-49.41*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	994.99	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,048.42	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0019		Enamel Coated Steel Urinal Screens *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0020		Floor Anchored, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	368.18	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	407.04	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	447.01	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0024		Wall Hung, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	217.45	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	234.63	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	248.37	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0028		Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	275.66	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0030		Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	305.37	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	325.96	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	346.56	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0034		Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	343.08	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	368.24	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	405.95	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0038		Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 13-0001)* Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0039		Enamel Coated Steel, Toilet Partition Doors *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	210.18	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	214.75	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	227.77	19.75
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	248.30	19.75
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	252.87	19.75
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 13-0045		Enamel Coated Steel, Toilet Partition Panels *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	157.81	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	173.82	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	189.82	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	205.82	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	221.83	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	237.83	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	252.69	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	268.70	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	280.13	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	286.53	46.85
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	294.99	48.23
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	321.27	50.53
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	344.12	52.83
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 13-0059 70" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	116.56	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	129.14	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	142.86	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	165.71	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	187.42	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	209.13	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	267.35	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	306.18	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	329.02	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	94.88	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	104.04	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	114.34	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	129.20	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	142.92	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	157.78	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	193.18	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	217.18	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	232.04	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	131.45	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	144.03	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	157.76	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	180.60	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	202.31	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	224.02	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	282.24	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	321.06	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	343.92	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,928.71	103.35
		For >10, Deduct	*-172.20*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*602.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,328.99	112.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*736.37*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,439.39	117.14
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*771.79*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes headrail.

10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,632.49	126.32
		For >10, Deduct	*-137.99*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*482.95*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,987.37	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*600.72*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,165.74	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*659.94*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,261.56	149.28
		For >10, Deduct	*-196.30*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*687.04*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,425.64	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*738.04*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,539.26	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*774.59*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,263.63	172.26
		For >10, Deduct	*-191.91*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*671.69*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,755.61	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*837.46*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,897.67	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For Diamond Pattern Finish, Add	*883.96*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	636.23	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*177.68*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	720.23	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*203.86*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	735.53	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*206.01*	

10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	470.36	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*126.06*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	508.96	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*136.35*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	555.65	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*149.48*	

10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	763.94	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*225.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	800.67	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*235.24*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	837.24	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*244.82*	

10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	636.23	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*177.68*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	720.23	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*203.86*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	807.73	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*231.28*	

10 21 13 14-0036 Stainless Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 14-0001)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 14-0037 Stainless Steel, Toilet Partition Doors *(10 21 13 14-0036)*

10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	420.78	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For Diamond Pattern Finish, Add	*134.41*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	481.43	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For Diamond Pattern Finish, Add	*155.64*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	494.43	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For Diamond Pattern Finish, Add	*158.58*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	511.93	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For Diamond Pattern Finish, Add	*164.71*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	516.81	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For Diamond Pattern Finish, Add	*166.41*	

10 21 13 14-0043 Stainless Steel, Toilet Partition Panels *(10 21 13 14-0036)*

10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	363.27	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*107.85*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	403.46	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*120.31*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	420.36	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*124.62*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	439.58	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*129.74*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	471.83	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*139.42*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	509.33	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*150.93*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	596.00	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*179.66*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	652.61	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*197.87*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	669.52	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*202.18*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	702.83	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*213.20*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	746.66	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*227.57*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	782.35	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*238.45*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	858.51	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*263.50*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	252.05	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*78.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	274.44	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*84.80*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	298.20	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*91.51*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	339.75	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*104.44*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	381.31	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*117.38*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	422.85	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*130.31*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	536.95	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*168.64*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	615.47	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*194.51*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	657.02	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*207.45*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	192.56	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*57.75*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	208.45	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*61.70*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	224.91	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*65.86*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	292.13	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*87.78*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	329.73	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*99.33*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	341.16	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*101.72*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	386.61	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*116.02*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	436.15	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*131.75*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	463.03	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*139.55*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	276.30	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*83.84*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	302.79	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*91.51*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	327.92	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*98.69*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	376.31	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*114.02*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	423.34	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*128.88*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	470.37	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*143.73*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	605.00	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*189.24*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	694.46	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*218.95*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	742.86	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Diamond Pattern Finish, Add	*234.28*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0001		**Laminated Plastic Toilet Partitions And Urinal Screens** *(10 21 13 16)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.		
10 21 13 16-0002		**Laminated Plastic Toilet Partitions** *(10 21 13 16-0001)* Note: Includes all standard Bobrick colors.		
10 21 13 16-0003		**Floor Anchored, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)*		
10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	648.75	103.35
		For >10, Deduct	*-44.20*	
		For Cast Stainless Steel Hardware, Add	*72.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	780.30	112.54
		For Cast Stainless Steel Hardware, Add	*72.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	835.97	117.14
		For Cast Stainless Steel Hardware, Add	*72.90*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0007		**Overhead Braced, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)* Note: Includes headrail.		
10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	716.26	126.32
		For >10, Deduct	*-46.36*	
		For Cast Stainless Steel Hardware, Add	*72.91*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	853.20	135.51
		For Cast Stainless Steel Hardware, Add	*72.92*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	912.91	140.10
		For Cast Stainless Steel Hardware, Add	*72.92*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0011		**Ceiling Hung, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)* Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	960.93	172.26
		For >10, Deduct	*-61.64*	
		For Cast Stainless Steel Hardware, Add	*72.96*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,102.03	181.44
		For Cast Stainless Steel Hardware, Add	*72.97*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,157.70	186.04
		For Cast Stainless Steel Hardware, Add	*72.98*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 16-0015		**Laminated Plastic Urinal Screens** *(10 21 13 16-0001)* Note: Includes all standard Bobrick colors.		
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	293.43	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	318.79	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	331.14	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	232.91	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	246.72	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	260.10	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	296.15	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	323.77	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	353.33	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	277.80	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	303.61	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	315.71	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	200.17	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	216.05	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	224.97	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	229.88	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	234.50	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 16-0039		**Laminated Plastic, Toilet Partition Panels** *(10 21 13 16-0032)*		
10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	119.48	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	131.57	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	143.64	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	156.10	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	167.80	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	180.30	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	185.77	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	191.80	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	201.89	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	209.33	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	218.01	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	244.27	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	273.69	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 16-0053		**69" Long, Laminated Plastic, Toilet Partition Pilasters** *(10 21 13 16-0032)*		
10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	89.06	13.78
		For 1-1/4" Pilaster, Add	*5.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*61.50*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	102.90	16.07
		For 1-1/4" Pilaster, Add	*5.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*70.74*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	107.49	18.38
		For 1-1/4" Pilaster, Add	*5.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*70.74*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	119.01	20.67
		For 1-1/4" Pilaster, Add	*6.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*77.67*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	125.63	22.96
		For 1-1/4" Pilaster, Add	*6.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*79.69*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	136.86	25.27
		For 1-1/4" Pilaster, Add	*7.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*86.33*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	169.74	27.56
		For 1-1/4" Pilaster, Add	*9.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*114.62*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	202.06	29.85
		For 1-1/4" Pilaster, Add	*11.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*142.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	225.42	32.16
		For 1-1/4" Pilaster, Add	*13.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*161.11*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	161.82	13.78
		For 1-1/4" Pilaster, Add	*11.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*134.26*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	179.70	16.07
		For 1-1/4" Pilaster, Add	*12.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*147.54*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	184.29	18.38
		For 1-1/4" Pilaster, Add	*12.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*147.54*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	200.14	20.67
		For 1-1/4" Pilaster, Add	*13.10*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*158.80*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	218.89	22.96
		For 1-1/4" Pilaster, Add	*14.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*172.95*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	234.45	25.27
		For 1-1/4" Pilaster, Add	*15.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*183.92*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	287.98	27.56
		For 1-1/4" Pilaster, Add	*19.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*232.86*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	326.50	29.85
		For 1-1/4" Pilaster, Add	*22.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*266.78*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	336.58	32.16
		For 1-1/4" Pilaster, Add	*22.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For Steel Core Pilaster, Add	*272.27*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,142.07	126.32
		For >10, Deduct	*-88.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*551.45*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,394.69	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*696.68*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,539.83	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*780.97*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,154.31	149.28
		For >10, Deduct	*-85.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*530.55*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,428.70	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*689.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,573.84	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*773.57*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,219.66	172.26
		For >10, Deduct	*-87.51*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*542.59*	
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,434.14	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*664.18*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,579.30	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*748.48*	

10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	280.59	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*105.64*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	296.49	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*109.80*	

10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	350.99	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*143.59*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	437.36	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*191.45*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	484.57	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*215.02*	

10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	360.17	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*143.59*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	446.55	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*191.45*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	525.27	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*234.56*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	265.68	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*141.94*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	286.52	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*154.86*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	311.79	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*167.68*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	353.95	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*193.82*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	363.93	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*200.01*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	105.86	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*31.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	161.21	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*62.92*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	216.53	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*94.38*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	251.05	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*112.93*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	301.19	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*141.17*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	321.71	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*151.04*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	359.76	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*171.79*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	403.94	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*196.33*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	440.22	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*215.98*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	449.73	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*220.74*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	464.76	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*228.35*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	523.09	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*261.66*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	562.85	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*283.46*	

10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	125.31	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*60.61*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	139.71	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*66.68*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	152.38	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*71.69*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	164.20	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*76.17*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	184.23	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*85.74*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	204.24	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*95.30*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	276.54	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*137.28*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	311.93	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*156.37*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	339.44	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*170.58*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	153.82	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*72.58*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	169.56	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*79.50*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	186.87	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*87.38*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	211.33	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*99.70*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	236.00	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*112.15*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	260.47	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*124.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	330.54	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*165.06*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	369.02	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*186.07*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	400.90	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*202.99*	

10 21 13 19-0068 Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes headrail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,453.37	126.32
		For >10, Deduct	*-120.07*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*744.45*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,787.99	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*940.52*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,980.71	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*1,054.32*	

10 21 13 19-0074 Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,453.82	149.28
		For >10, Deduct	*-115.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*716.25*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,817.80	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*930.52*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,010.53	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*1,044.32*	

10 21 13 19-0078 Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,525.96	172.26
		For >10, Deduct	*-118.14*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*732.49*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,809.07	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*896.64*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,001.82	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*1,010.44*	

10 21 13 19-0082 Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0083 Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	340.22	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*142.61*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	356.29	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*146.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	536.26	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*258.46*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	608.14	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*297.33*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	648.51	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*316.67*	
10 21 13 19-0090		Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	441.22	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*193.84*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	554.63	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*258.46*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	657.69	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*316.67*	
10 21 13 19-0094		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	345.81	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*191.62*	
10 21 13 19-0097	EA	26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	373.94	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*209.06*	
10 21 13 19-0098	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	406.44	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*226.36*	
10 21 13 19-0099	EA	34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	463.37	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*261.66*	
10 21 13 19-0100	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	476.83	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*270.00*	
10 21 13 19-0101		Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	123.62	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*42.47*	
10 21 13 19-0103	EA	12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	196.72	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*84.94*	
10 21 13 19-0104	EA	18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	269.81	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*127.41*	
10 21 13 19-0105	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	314.79	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*152.45*	
10 21 13 19-0106	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	380.87	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*190.57*	
10 21 13 19-0107	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	406.97	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*203.91*	
10 21 13 19-0108	EA	42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	456.74	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*231.92*	
10 21 13 19-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	514.77	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*265.04*	
10 21 13 19-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	562.14	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*291.57*	
10 21 13 19-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	574.33	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*297.99*	
10 21 13 19-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	593.66	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*308.26*	
10 21 13 19-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	670.80	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*353.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	722.87	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*382.68*	

10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	159.52	13.78
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*81.82*	
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	177.35	16.07
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*90.02*	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	192.85	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*96.78*	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	222.28	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*112.18*	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	249.62	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*126.28*	
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	276.91	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*140.36*	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	354.03	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*185.32*	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	400.20	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*211.10*	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	435.74	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*230.29*	

10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	194.80	18.38
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*97.99*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	214.44	20.67
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*107.32*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	236.21	22.96
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*117.97*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	267.61	25.27
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*134.59*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	299.32	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*151.40*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	330.73	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*168.03*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	423.73	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*222.84*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	474.06	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*251.20*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	515.49	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*274.03*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	934.01	103.35
		For >10, Deduct	*-72.73*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*163.07*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,133.70	112.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*202.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,257.80	117.14
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*226.65*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,047.93	126.32
		For >10, Deduct	*-79.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*179.64*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,255.21	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*220.23*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,385.09	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*246.04*	

10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,100.08	149.28
		For >10, Deduct	*-80.15*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*183.24*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,305.96	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*223.54*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,430.05	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*248.13*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,108.93	172.26
		For >10, Deduct	*-76.44*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*177.75*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,308.47	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*216.72*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,432.58	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
		For NFPA Class A, Add	*241.31*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	365.61	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*56.21*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	409.74	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*64.00*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	482.73	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*77.86*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	247.07	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*34.25*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	282.23	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*40.17*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	332.16	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*49.18*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	254.47	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*34.34*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	308.67	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*44.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	354.88	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*52.48*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	370.10	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*58.62*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	414.45	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*66.46*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	488.76	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*80.60*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	244.05	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*45.37*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	251.85	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*47.01*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	276.44	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*51.44*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	296.77	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*55.71*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	317.65	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
		For NFPA Class A, Add	*60.09*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	98.32	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*11.83*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	124.51	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*16.59*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	161.48	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*23.62*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	198.83	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*30.73*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	220.13	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*34.47*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	242.37	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*38.40*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	278.79	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*45.32*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	316.24	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*52.45*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	336.71	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*56.01*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	345.76	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*57.62*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	352.85	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*58.66*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	401.33	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*68.11*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	476.95	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*83.26*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	120.82	13.78
		For 1" Pilaster, Add	*11.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*20.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	139.28	16.07
		For 1" Pilaster, Add	*13.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*24.10*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	143.87	18.38
		For 1" Pilaster, Add	*13.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*24.33*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	166.07	20.67
		For 1" Pilaster, Add	*15.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*28.26*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	186.55	22.96
		For 1" Pilaster, Add	*17.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*31.83*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	207.02	25.27
		For 1" Pilaster, Add	*19.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*35.39*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	260.40	27.56
		For 1" Pilaster, Add	*25.66*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*45.86*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	316.11	29.85
		For 1" Pilaster, Add	*32.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*56.83*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	332.82	32.16
		For 1" Pilaster, Add	*33.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*59.60*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	131.21	13.78
		For 1" Pilaster, Add	*12.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*23.14*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	153.71	16.07
		For 1" Pilaster, Add	*15.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*27.13*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	158.30	18.38
		For 1" Pilaster, Add	*15.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*27.36*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	182.82	20.67
		For 1" Pilaster, Add	*17.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*31.78*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	206.18	22.96
		For 1" Pilaster, Add	*20.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*35.95*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	229.69	25.27
		For 1" Pilaster, Add	*22.40*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*40.15*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	294.18	27.56
		For 1" Pilaster, Add	*29.88*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*52.96*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	347.73	29.85
		For 1" Pilaster, Add	*36.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*63.47*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	366.47	32.16
		For 1" Pilaster, Add	*37.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*66.67*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	150.80	18.38
		For 1" Pilaster, Add	*14.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*25.79*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	177.33	20.67
		For 1" Pilaster, Add	*17.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*30.62*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	181.93	22.96
		For 1" Pilaster, Add	*17.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*30.85*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	208.75	25.27
		For 1" Pilaster, Add	*19.78*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*35.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	235.00	27.56
		For 1" Pilaster, Add	*22.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*40.53*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	261.54	29.85
		For 1" Pilaster, Add	*25.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*45.37*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	337.16	32.16
		For 1" Pilaster, Add	*34.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*60.51*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	388.52	34.45
		For 1" Pilaster, Add	*39.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*70.57*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	409.29	36.75
		For 1" Pilaster, Add	*41.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
		For NFPA Class A, Add	*74.19*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,021.28	103.35
		For >10, Deduct	*-81.46*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,242.73	112.54
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,380.62	117.14
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes headrail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,143.36	126.32
		For >10, Deduct	*-89.07*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,373.32	135.51
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,517.68	140.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,196.26	149.28
		For >10, Deduct	*-89.77*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,424.64	158.48
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,562.52	163.06
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,200.65	172.26
		For >10, Deduct	*-85.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,421.94	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,559.84	186.04
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0239 Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0240 Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	394.06	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	442.38	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	523.02	73.47
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	263.49	55.10
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	301.77	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	356.59	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	270.68	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	330.28	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	380.94	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	400.18	59.70
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	448.76	64.29
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	530.88	68.88
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.

10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*

10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	268.93	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	277.66	18.38
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	304.66	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	327.42	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	350.81	20.67
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	

10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*

10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	103.51	27.56
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	132.28	29.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	173.14	32.16
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	214.42	34.45
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	237.72	36.75
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	262.09	39.05
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	302.33	41.34
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	343.71	43.64
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	366.09	45.94
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	376.00	46.85
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	383.61	48.23
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	437.37	50.53
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	521.51	52.83
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	132.01	13.78
		For 1" Pilaster, Add	*13.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	152.13	16.07
		For 1" Pilaster, Add	*15.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	156.72	18.38
		For 1" Pilaster, Add	*15.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	181.04	20.67
		For 1" Pilaster, Add	*17.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	203.42	22.96
		For 1" Pilaster, Add	*19.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	225.80	25.27
		For 1" Pilaster, Add	*21.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	285.04	27.56
		For 1" Pilaster, Add	*28.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	346.87	29.85
		For 1" Pilaster, Add	*35.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	365.05	32.16
		For 1" Pilaster, Add	*37.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0287 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	143.65	13.78
		For 1" Pilaster, Add	*14.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	168.30	16.07
		For 1" Pilaster, Add	*17.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	172.89	18.38
		For 1" Pilaster, Add	*17.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	199.79	20.67
		For 1" Pilaster, Add	*19.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	225.41	22.96
		For 1" Pilaster, Add	*22.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	251.19	25.27
		For 1" Pilaster, Add	*25.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	322.87	27.56
		For 1" Pilaster, Add	*33.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	382.29	29.85
		For 1" Pilaster, Add	*40.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	402.73	32.16
		For 1" Pilaster, Add	*42.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0297 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	164.48	18.38
		For 1" Pilaster, Add	*15.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	193.65	20.67
		For 1" Pilaster, Add	*19.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	198.25	22.96
		For 1" Pilaster, Add	*19.04*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	227.74	25.27
		For 1" Pilaster, Add	*22.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	256.58	27.56
		For 1" Pilaster, Add	*25.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	285.76	29.85
		For 1" Pilaster, Add	*28.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	369.90	32.16
		For 1" Pilaster, Add	*38.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	426.87	34.45
		For 1" Pilaster, Add	*44.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	449.58	36.75
		For 1" Pilaster, Add	*47.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0307 Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.

10 21 13 19-0308 Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)*

Note: Small particulate finish.

10 21 13 19-0309 Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,826.10	103.35
		For >10, Deduct	*-261.94*	
		For Solid Color Material (No Particulate), Deduct	*-602.46*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,407.74	112.54
		For Solid Color Material (No Particulate), Deduct	*-732.01*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,775.82	117.14
		For Solid Color Material (No Particulate), Deduct	*-814.56*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0313 Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,943.38	126.32
		For >10, Deduct	*-269.07*	
		For Solid Color Material (No Particulate), Deduct	*-618.87*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,854.06	135.51
		For Solid Color Material (No Particulate), Deduct	*-824.10*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,262.33	140.10
		For Solid Color Material (No Particulate), Deduct	*-915.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0317 Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,300.54	149.28
		For >10, Deduct	*-300.20*	
		For Solid Color Material (No Particulate), Deduct	*-690.45*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,414.96	158.48
		For Solid Color Material (No Particulate), Deduct	*-942.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,822.89	163.06
		For Solid Color Material (No Particulate), Deduct	*-1,034.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0321 Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*

Note: Excludes above ceiling steel.

10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,342.62	172.26
		For >10, Deduct	*-299.81*	
		For Solid Color Material (No Particulate), Deduct	*-689.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,253.64	181.44
		For Solid Color Material (No Particulate), Deduct	*-894.87*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,661.58	186.04
		For Solid Color Material (No Particulate), Deduct	*-986.59*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*90.66*	

10 21 13 19-0325 Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*

10 21 13 19-0326 Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	794.84	64.29
		For Solid Color Material (No Particulate), Deduct	*-153.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,043.30	68.88
		For Solid Color Material (No Particulate), Deduct	*-208.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,291.74	73.47
		For Solid Color Material (No Particulate), Deduct	*-263.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0330 Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	416.22	55.10
		For Solid Color Material (No Particulate), Deduct	*-70.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	527.41	59.70
		For Solid Color Material (No Particulate), Deduct	*-93.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	638.60	64.29
		For Solid Color Material (No Particulate), Deduct	*-117.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0334 Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	539.16	59.70
		For Solid Color Material (No Particulate), Deduct	*-96.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	667.97	64.29
		For Solid Color Material (No Particulate), Deduct	*-124.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	796.79	68.88
		For Solid Color Material (No Particulate), Deduct	*-151.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0338 Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*

10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	811.74	59.70
		For Solid Color Material (No Particulate), Deduct	*-159.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,060.18	64.29
		For Solid Color Material (No Particulate), Deduct	*-214.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,308.63	68.88
		For Solid Color Material (No Particulate), Deduct	*-269.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0342 Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0307)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0343 Solid Polyester (Corian), Toilet Partition Doors *(10 21 13 19-0342)*

10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	614.96	18.38
		For Solid Color Material (No Particulate), Deduct	*-132.99*	
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	656.28	18.38
		For Solid Color Material (No Particulate), Deduct	*-142.49*	
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	748.27	20.67
		For Solid Color Material (No Particulate), Deduct	*-162.59*	
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	833.55	20.67
		For Solid Color Material (No Particulate), Deduct	*-182.21*	
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	870.66	20.67
		For Solid Color Material (No Particulate), Deduct	*-190.74*	
		For Heavy Gauge Full-Height SS Hinge, Add	*40.42*	

10 21 13 19-0349 Solid Polyester (Corian), Toilet Partition Panels *(10 21 13 19-0342)*

10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	174.74	27.56
		For Solid Color Material (No Particulate), Deduct	*-27.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	298.98	29.85
		For Solid Color Material (No Particulate), Deduct	*-55.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	423.20	32.16
		For Solid Color Material (No Particulate), Deduct	*-82.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	547.42	34.45
		For Solid Color Material (No Particulate), Deduct	*-110.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	671.65	36.75
		For Solid Color Material (No Particulate), Deduct	*-137.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	795.86	39.05
		For Solid Color Material (No Particulate), Deduct	*-165.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	920.09	41.34
		For Solid Color Material (No Particulate), Deduct	*-192.60*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,044.31	43.64
		For Solid Color Material (No Particulate), Deduct	*-220.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,188.47	45.94
		For Solid Color Material (No Particulate), Deduct	*-252.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,250.13	46.85
		For Solid Color Material (No Particulate), Deduct	*-265.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,292.75	48.23
		For Solid Color Material (No Particulate), Deduct	*-275.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,496.73	50.53
		For Solid Color Material (No Particulate), Deduct	*-321.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,660.83	52.83
		For Solid Color Material (No Particulate), Deduct	*-357.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0363 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	215.31	13.78
		For Solid Color Material (No Particulate), Deduct	*-43.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	266.85	16.07
		For Solid Color Material (No Particulate), Deduct	*-53.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	318.38	18.38
		For Solid Color Material (No Particulate), Deduct	*-64.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	416.86	20.67
		For Solid Color Material (No Particulate), Deduct	*-86.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	515.33	22.96
		For Solid Color Material (No Particulate), Deduct	*-107.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	613.80	25.27
		For Solid Color Material (No Particulate), Deduct	*-129.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	900.01	27.56
		For Solid Color Material (No Particulate), Deduct	*-194.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,092.38	29.85
		For Solid Color Material (No Particulate), Deduct	*-237.51*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,190.84	32.16
		For Solid Color Material (No Particulate), Deduct	*-259.10*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0373 82" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	241.39	13.78
		For Solid Color Material (No Particulate), Deduct	*-49.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	299.46	16.07
		For Solid Color Material (No Particulate), Deduct	*-61.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	351.39	18.38
		For Solid Color Material (No Particulate), Deduct	*-72.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	477.16	20.67
		For Solid Color Material (No Particulate), Deduct	*-100.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	580.52	22.96
		For Solid Color Material (No Particulate), Deduct	*-122.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	692.02	25.27
		For Solid Color Material (No Particulate), Deduct	*-147.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,017.36	27.56
		For Solid Color Material (No Particulate), Deduct	*-221.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,235.81	29.85
		For Solid Color Material (No Particulate), Deduct	*-270.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,347.31	32.16
		For Solid Color Material (No Particulate), Deduct	*-295.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 19-0383 96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*

10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	318.38	18.38
		For Solid Color Material (No Particulate), Deduct	*-64.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	393.38	20.67
		For Solid Color Material (No Particulate), Deduct	*-80.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	468.39	22.96
		For Solid Color Material (No Particulate), Deduct	*-97.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	613.80	25.27
		For Solid Color Material (No Particulate), Deduct	*-129.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	759.20	27.56
		For Solid Color Material (No Particulate), Deduct	*-161.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	904.61	29.85
		For Solid Color Material (No Particulate), Deduct	*-194.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,331.66	32.16
		For Solid Color Material (No Particulate), Deduct	*-291.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,617.89	34.45
		For Solid Color Material (No Particulate), Deduct	*-356.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,763.30	36.75
		For Solid Color Material (No Particulate), Deduct	*-388.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*25.12*	

10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

10 21 13 43-0001 Accessories *(10 21 13 43)*

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	9.37	1.84
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	13.84	1.84
10 21 13 43-0004	EA	Replacement 1-1/2" x 58" Stainless Steel Wall Posts	92.08	
10 21 13 43-0005	EA	Replacement 58" Aluminum Wall U Bracket	49.36	
10 21 13 43-0006	EA	Replacement 58" Aluminum Wall Two Ear Bracket	81.87	
10 21 13 43-0007	EA	Replacement 54" Stainless Steel Wall U Bracket	70.67	
10 21 13 43-0008	EA	Replacement 54" Stainless Steel Wall Two Ear Bracket	171.00	
10 21 13 43-0009	EA	Replacement 54" Plastic Wall Two Ear Bracket, All Colors	109.08	
10 21 13 43-0010	EA	Replacement 57-1/2" Stainless Steel Hinge	115.61	

10 21 16 Shower And Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	685.92	114.84
		For 66" High Panels, Add	*68.44*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	856.39	124.03
		For 66" High Panels, Add	*91.25*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,101.21	137.81
		For 66" High Panels, Add	*123.84*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,299.21	160.77
		For 66" High Panels, Add	*146.65*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,497.24	183.74
		For 66" High Panels, Add	*169.46*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,634.79	201.84
		For 66" High Panels, Add	*225.04*	
		For 6" Wide Head Rail, Add	*40.97*	
		For 8" Wide Head Rail, Add	*57.32*	
		For 10" Wide Head Rail, Add	*69.63*	
		For 12" Wide Head Rail, Add	*83.96*	
		For 18" Wide, 1/2" Thick Bench, Add	*125.37*	
		For 24" Wide, 1/2" Thick Bench, Add	*165.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,009.92	220.40
		For 66" High Panels, Add	*279.45*	
		For 6" Wide Head Rail, Add	*51.48*	
		For 8" Wide Head Rail, Add	*71.58*	
		For 10" Wide Head Rail, Add	*87.27*	
		For 12" Wide Head Rail, Add	*105.17*	
		For 18" Wide, 1/2" Thick Bench, Add	*129.08*	
		For 24" Wide, 1/2" Thick Bench, Add	*169.08*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,520.62	234.36
		For 66" High Panels, Add	*354.66*	
		For 6" Wide Head Rail, Add	*66.24*	
		For 8" Wide Head Rail, Add	*91.45*	
		For 10" Wide Head Rail, Add	*111.97*	
		For 12" Wide Head Rail, Add	*134.83*	
		For 18" Wide, 1/2" Thick Bench, Add	*131.87*	
		For 24" Wide, 1/2" Thick Bench, Add	*171.87*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,696.98	262.20
		For 66" High Panels, Add	*378.33*	
		For 6" Wide Head Rail, Add	*70.42*	
		For 8" Wide Head Rail, Add	*97.39*	
		For 10" Wide Head Rail, Add	*119.12*	
		For 12" Wide Head Rail, Add	*143.47*	
		For 18" Wide, 1/2" Thick Bench, Add	*137.44*	
		For 24" Wide, 1/2" Thick Bench, Add	*177.44*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,080.46	284.98
		For 66" High Panels, Add	*433.57*	
		For 6" Wide Head Rail, Add	*81.02*	
		For 8" Wide Head Rail, Add	*111.82*	
		For 10" Wide Head Rail, Add	*136.93*	
		For 12" Wide Head Rail, Add	*164.88*	
		For 18" Wide, 1/2" Thick Bench, Add	*141.99*	
		For 24" Wide, 1/2" Thick Bench, Add	*181.99*	

10 21 23 Cubicle Curtains And Track *(10 21)*

10 21 23 13 Cubicle Curtains *(10 21 23)*

10 21 23 13-0001 Hospital Curtains *(10 21 23 13)*

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	13.82	0.79
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	14.64	0.79
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.67	0.79
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.50	0.79
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.33	0.79
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	18.91	0.79

10 21 23 16 Cubicle Track And Hardware *(10 21 23)*

10 21 23 16-0001 Hospital Cubicle Curtain Channel Track *(10 21 23 16)*

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)

10 21 23 16-0002	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	14.50	2.76
10 21 23 16-0003	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	23.11	4.59

10 21 23 16-0004 Hospital IV Tracks *(10 21 23 16)*

10 21 23 16-0005	LF	Oval Hospital Partition IV Track	14.58	2.62
10 21 23 16-0006	EA	Hospital Partition IV Trolley	77.45	10.92
10 21 23 16-0007	EA	5 Hook Tree, Hospital Partition IV Pendant	292.17	10.92

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	8.09	1.15
		For 5' Wide Panels, Add	*0.29*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	9.06	1.38
		For 5' Wide Panels, Add	*0.32*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	10.23	1.61
		For 5' Wide Panels, Add	*0.35*	

10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	8.51	1.38
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	9.47	1.61
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	10.53	1.84

10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	863.44	241.16
		For 8 Gauge, Add	*81.29*	
		For 6 Gauge, Add	*162.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	919.15	266.42
		For 8 Gauge, Add	*84.59*	
		For 6 Gauge, Add	*169.18*	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	993.08	275.61
		For 8 Gauge, Add	*93.84*	
		For 6 Gauge, Add	*187.68*	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,081.65	298.58
		For 8 Gauge, Add	*102.53*	
		For 6 Gauge, Add	*205.06*	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,124.85	316.96
		For 8 Gauge, Add	*105.34*	
		For 6 Gauge, Add	*210.68*	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,227.49	335.32
		For 8 Gauge, Add	*117.06*	
		For 6 Gauge, Add	*234.12*	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,319.37	360.59
		For 8 Gauge, Add	*125.79*	
		For 6 Gauge, Add	*251.58*	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,423.87	376.66
		For 8 Gauge, Add	*138.25*	
		For 6 Gauge, Add	*276.50*	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,440.96	385.86
		For 8 Gauge, Add	*138.97*	
		For 6 Gauge, Add	*277.95*	
10 22 13 00-0019	EA	10' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,577.34	408.82
		For 8 Gauge, Add	*154.84*	
		For 6 Gauge, Add	*309.67*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Swing Door, 10 Gauge With Cylinder Lock	581.42	142.40
		For 8 Gauge, Add	*56.59*	
		For 6 Gauge, Add	*113.18*	
10 22 13 00-0023	EA	3' x 8' Swing Door, 10 Gauge With Cylinder Lock	622.57	160.77
		For 8 Gauge, Add	*61.23*	
		For 6 Gauge, Add	*122.46*	
10 22 13 00-0024	EA	3' x 9' Swing Door, 10 Gauge With Cylinder Lock	665.50	169.95
		For 8 Gauge, Add	*65.83*	
		For 6 Gauge, Add	*131.67*	
10 22 13 00-0025	EA	4' x 7' Swing Door, 10 Gauge With Cylinder Lock	668.51	183.74
		For 8 Gauge, Add	*63.53*	
		For 6 Gauge, Add	*127.06*	
10 22 13 00-0026	EA	4' x 8' Swing Door, 10 Gauge With Cylinder Lock	712.73	192.93
		For 8 Gauge, Add	*68.32*	
		For 6 Gauge, Add	*136.65*	
10 22 13 00-0027	EA	4' x 9' Swing Door, 10 Gauge With Cylinder Lock	745.12	202.11
		For 8 Gauge, Add	*71.35*	
		For 6 Gauge, Add	*142.69*	
10 22 13 00-0028	EA	4' x 7' Dutch Door, 10 Gauge With Cylinder Lock	836.55	183.74
		For 8 Gauge, Add	*88.73*	
		For 6 Gauge, Add	*177.47*	
10 22 13 00-0029	EA	4' x 8' Dutch Door, 10 Gauge With Cylinder Lock	886.03	192.93
		For 8 Gauge, Add	*94.32*	
		For 6 Gauge, Add	*188.64*	

10 22 13 00-0030 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0031	EA	6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock	910.25	229.67
		For 8 Gauge, Add	*90.60*	
		For 6 Gauge, Add	*181.21*	
10 22 13 00-0032	EA	6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock	937.81	243.45
		For 8 Gauge, Add	*91.98*	
		For 6 Gauge, Add	*183.96*	
10 22 13 00-0033	EA	6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,231.52	257.24
		For 8 Gauge, Add	*133.28*	
		For 6 Gauge, Add	*266.56*	
10 22 13 00-0034	EA	8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,002.12	275.61
		For 8 Gauge, Add	*95.20*	
		For 6 Gauge, Add	*190.39*	
10 22 13 00-0035	EA	8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,029.68	289.39
		For 8 Gauge, Add	*96.57*	
		For 6 Gauge, Add	*193.15*	
10 22 13 00-0036	EA	8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,323.39	303.17
		For 8 Gauge, Add	*137.87*	
		For 6 Gauge, Add	*275.75*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	92.81	14.60
		For >9, Add 11.60		
10 22 19 13-0002	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	80.62	11.62
		For >9, Add 10.08		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 19 13-0003	LF	Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5"	68.43	8.74
		For >9, Add 8.55		
10 22 19 13-0004	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 9' High, 48" Wide, Backed Enamel	169.66	11.62
		For >9, Add 21.21		
10 22 19 13-0005	LF	Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 9' High, 48" Wide, Fabric	249.21	12.49
		For >9, Add 31.15		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	137.34	14.60
		For >9, Add 17.17		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	170.25	15.90
		For >9, Add 21.28		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	28.16	2.18
		For Acoustical Partitions, Add	*2.39*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	35.99	3.67
		For Acoustical Partitions, Add	*2.86*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	30.04	2.27
		For Acoustical Partitions, Add	*2.55*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	42.83	3.14
		For Acoustical Partitions, Add	*3.66*	

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Vinyl Clad	96.71	14.60
		For >9, Add 12.09		
10 22 19 53-0002	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Fabric Clad	168.71	15.90
		For >9, Add 21.09		
10 22 19 53-0003	LF	Demountable Partition Gypsum System, On 2" To 2-1/ 2", Steel Standard, 9' High, 3" To 3-3/4" Thick	181.35	17.47
		For >9, Add 22.67		
10 22 19 53-0004	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Vinyl Clad	113.46	14.60
		For >9, Add 14.18		
10 22 19 53-0005	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Fabric Clad	182.98	15.90
		For >9, Add 22.87		

10 22 19 71 Remove And Store Demountable Partitions *(10 22 19)*

10 22 19 71-0001	LF	Removal, Storage And Reinstallation Of Up To 10' Demountable Partitions	64.31	

10 22 23 Portable Partitions, Screens, And Panels *(10 22)*

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 00-0001 Portable Partitions *(10 22 23)*

10 22 23 00-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	165.20	6.99
10 22 23 00-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	176.30	7.78
10 22 23 00-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	209.66	9.35
10 22 23 00-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	121.01	4.02
10 22 23 00-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	128.71	4.63
10 22 23 00-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	144.89	5.60
10 22 23 00-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	123.24	4.28
10 22 23 00-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	219.28	7.78
10 22 23 00-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	241.49	9.35
10 22 23 00-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	128.38	5.33
10 22 23 00-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	146.19	6.20
10 22 23 00-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	117.56	4.63
10 22 23 00-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	132.16	5.60
10 22 23 00-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	195.40	7.78
10 22 23 00-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	220.80	9.35
10 22 23 00-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	198.59	7.78
10 22 23 00-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	241.49	9.35
10 22 23 00-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	152.58	4.63
10 22 23 00-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	171.95	5.60
10 22 23 00-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	160.65	4.28
10 22 23 00-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	191.60	5.06
10 22 23 00-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	94.96	5.33
10 22 23 00-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	111.97	6.20
10 22 23 00-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	101.12	5.60
10 22 23 00-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	73.89	4.28
10 22 23 00-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	119.42	5.60
10 22 23 00-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	135.81	5.86
10 22 23 00-0029	LF	Partitions, Portable, Tackboard, Both Sides	110.05	5.68

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)	43.72	4.33
		For <135, Add	*8.74*	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)	44.49	4.47
		For <135, Add	*8.90*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	46.51	4.61
		For <135, Add	*9.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	49.15	4.76
		For <135, Add	*9.83*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	50.10	4.90
		For <135, Add	*10.02*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	50.82	5.05
		For <135, Add	*10.16*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	51.53	5.19
		For <135, Add	*10.31*	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	52.58	5.48
		For <135, Add	*10.52*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	73.34	7.27
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.67*	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	67.88	5.82
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.55*	
10 22 43 00-0004	SF	>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	63.86	4.84
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.43*	
10 22 43 00-0005	SF	Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	62.19	5.09
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.16*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	58.03	4.15
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.01*	
10 22 43 00-0007	SF	>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	55.62	3.71
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.89*	
10 22 43 00-0008	SF	Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	55.08	4.00
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.74*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	51.99	3.42
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.59*	
10 22 43 00-0010	SF	>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	49.82	3.06
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.47*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	77.30	6.47
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*6.37*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	71.09	4.92
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*6.20*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	67.47	4.15
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*6.06*	

10 26 Wall And Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	6.38	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.16*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	6.81	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.18*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	9.22	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.30*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	12.24	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.45*	
	10 26 13 00-0009		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*		
	10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	11.70	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.42*	
	10 26 13 00-0011		Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*		
			Note: Includes closure caps.		
	10 26 13 00-0012		Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
	10 26 13 00-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
	10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	11.81	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.35*	
			For Recycled Vinyl Retainer, Deduct	*-0.98*	
	10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	13.15	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.41*	
			For Recycled Vinyl Retainer, Deduct	*-1.25*	
	10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	14.49	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.48*	
			For Recycled Vinyl Retainer, Deduct	*-1.52*	
	10 26 13 00-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
	10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	17.00	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.61*	
			For Recycled Vinyl Retainer, Deduct	*-2.02*	
	10 26 13 00-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
			Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
	10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	24.10	5.51
			For >50 To 100, Deduct	*-2.30*	
			For >100 To 200, Deduct	*-3.21*	
			For >200, Deduct	*-4.88*	
			For Recycled Vinyl Retainer, Deduct	*-2.98*	
	10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
	10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
	10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	15.66	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.54*	
			For Up To 2 HR Fire Rated, Add	*6.14*	
	10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	18.85	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.70*	
			For Up To 2 HR Fire Rated, Add	*8.37*	
	10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	17.48	4.13
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.63*	
			For Up To 2 HR Fire Rated, Add	*7.41*	
	10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	20.20	4.13
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 200, Deduct	*-2.41*	
		For >200, Deduct	*-3.77*	
		For Up To 2 HR Fire Rated, Add	*9.32*	

10 26 13 00-0028 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*

Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	42.18	5.51
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 200, Deduct	*-3.21*	
		For >200, Deduct	*-5.78*	
		For Up To 2 HR Fire Rated, Add	*23.10*	

10 26 13 00-0030 Flexible Vinyl Corner Guards *(10 26 13 00-0001)*

Note: Includes adhesive for installation.

10 26 13 00-0031 Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*

10 26 13 00-0032 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*

10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	8.73	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.27*	
		For Bolting To Concrete Or Masonry, Add	*2.00*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	11.12	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.39*	
		For Bolting To Concrete Or Masonry, Add	*2.36*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	13.06	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.49*	
		For Bolting To Concrete Or Masonry, Add	*2.65*	

10 26 13 00-0036 Polycarbonate Corner Guards *(10 26 13)*

10 26 13 00-0037 Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*

10 26 13 00-0038 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	5.84	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.13*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	7.01	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.19*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	8.38	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.26*	
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	9.20	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.30*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	8.90	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.28*	

10 26 13 00-0044 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*

10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	9.20	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.30*	

10 26 13 00-0046 Aluminum Corner Guards *(10 26 13)*

10 26 13 00-0047 Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*

10 26 13 00-0048 90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*

10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	8.22	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.25*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	9.80	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0051		LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	10.78	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.38*	
10 26 13 00-0052			135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053		LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	8.22	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.25*	
10 26 13 00-0054		LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	9.80	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.33*	
10 26 13 00-0055		LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	10.78	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.38*	
10 26 13 00-0056			Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057			Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058			Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059			90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060		LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	10.64	3.31
			For Galvanizing, Add	*1.80*	
			For >50 To 100, Deduct	*-1.38*	
			For >100 To 200, Deduct	*-1.93*	
			For >200, Deduct	*-2.74*	
10 26 13 00-0061		LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.45	3.58
			For Galvanizing, Add	*2.62*	
			For >50 To 100, Deduct	*-1.49*	
			For >100 To 200, Deduct	*-2.09*	
			For >200, Deduct	*-3.06*	
10 26 13 00-0062		LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	14.29	3.72
			For Galvanizing, Add	*2.83*	
			For >50 To 100, Deduct	*-1.55*	
			For >100 To 200, Deduct	*-2.17*	
			For >200, Deduct	*-3.19*	
10 26 13 00-0063		LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	14.63	3.86
			For Galvanizing, Add	*2.87*	
			For >50 To 100, Deduct	*-1.61*	
			For >100 To 200, Deduct	*-2.25*	
			For >200, Deduct	*-3.30*	
10 26 13 00-0064		LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	18.12	3.99
			For Galvanizing, Add	*4.01*	
			For >50 To 100, Deduct	*-1.67*	
			For >100 To 200, Deduct	*-2.33*	
			For >200, Deduct	*-3.57*	
10 26 13 00-0065		LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	21.63	4.13
			For Galvanizing, Add	*5.16*	
			For >50 To 100, Deduct	*-1.72*	
			For >100 To 200, Deduct	*-2.41*	
			For >200, Deduct	*-3.84*	
10 26 13 00-0066		LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	36.68	5.51
			For Galvanizing, Add	*9.63*	
			For >50 To 100, Deduct	*-2.30*	
			For >100 To 200, Deduct	*-3.21*	
			For >200, Deduct	*-5.51*	
10 26 13 00-0067			Stainless Steel Corner Guards *(10 26 13)*		
10 26 13 00-0068			Stainless Steel Corner Guards *(10 26 13 00-0067)*		
			Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069			Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*		
10 26 13 00-0070			90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0071		LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	9.12	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.29*	
10 26 13 00-0072		LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	10.51	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.36*	
10 26 13 00-0073		LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	14.14	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.54*	
10 26 13 00-0074		LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	14.14	2.76
			For >50 To 100, Deduct	*-1.15*	
			For >100 To 200, Deduct	*-1.61*	
			For >200, Deduct	*-2.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0075		135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	14.14	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.54*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	14.14	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.54*	
10 26 13 00-0078		Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079		Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080		90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		
10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	17.35	3.31
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 200, Deduct	*-1.93*	
		For >200, Deduct	*-3.07*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	28.42	3.58
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.09*	
		For >200, Deduct	*-3.81*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	39.44	3.72
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 200, Deduct	*-2.17*	
		For >200, Deduct	*-4.45*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	36.91	3.86
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-4.42*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	52.42	3.99
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 200, Deduct	*-2.33*	
		For >200, Deduct	*-5.29*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	48.52	4.13
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 200, Deduct	*-2.41*	
		For >200, Deduct	*-5.18*	
10 26 13 00-0087		Rubber Corner Guards *(10 26 13)*		
		Note: Includes adhesive for installation.		
10 26 13 00-0088		Natural Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0089		Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090		90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	40.44	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-3.86*	
		For Bolting To Concrete Or Masonry, Add	*6.75*	
10 26 13 00-0092		Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093		Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094		90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	18.36	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.75*	
		For Bolting To Concrete Or Masonry, Add	*3.44*	
10 26 13 00-0096		Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0097		Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*		
10 26 13 00-0098		90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*		
10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	16.15	2.76
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 200, Deduct	*-1.61*	
		For >200, Deduct	*-2.64*	
		For Bolting To Concrete Or Masonry, Add	*3.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16		**Bumper Guards** *(10 26)*		
10 26 16 13		**Bumper Rails** *(10 26 16)*		
10 26 16 13-0001		Crash Rails *(10 26 16 13)* Note: Includes end caps.		
10 26 16 13-0002		Polycarbonate Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	10.27	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.45*	
10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	11.31	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.51*	
10 26 16 13-0005		Aluminum Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	29.35	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-4.41*	
10 26 16 13-0007		Stainless Steel Crash Rails *(10 26 16 13-0001)*		
10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	51.35	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-5.51*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	40.35	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-4.96*	
10 26 16 13-0010		Wall Guards *(10 26 16 13)*		
10 26 16 13-0011		Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)* Note: Includes end caps.		
10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	10.56	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.10*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	12.83	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.58*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	13.86	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.63*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	14.41	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.66*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	17.15	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.98*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	17.24	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.98*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	17.74	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-4.01*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	21.29	4.13
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.89*	
		For >200, Deduct	*-4.37*	
10 26 16 13-0020		Rubber Wall Guards *(10 26 16 13-0010)*		
10 26 16 13-0021		D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	14.07	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.28*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	20.55	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-3.97*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	30.07	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-4.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	42.05	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-5.04*	
10 26 16 13-0026		Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	32.16	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-4.73*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	40.49	4.13
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.89*	
		For >200, Deduct	*-5.33*	
10 26 16 13-0029		Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	52.45	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-5.56*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	55.75	3.67
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.57*	
		For >200, Deduct	*-5.73*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	25.66	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.86*	
10 26 16 13-0033		U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*		
10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	44.38	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.34*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	49.60	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.60*	
10 26 16 13-0036		Accent Rails *(10 26 16 13)*		
		Note: Includes end caps.		
10 26 16 13-0037		Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*		
10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	12.35	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.19*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	12.38	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.19*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	17.45	3.22
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-3.44*	
10 26 16 16		**Protective Corridor Handrails** ***(10 26 16)***		
10 26 16 16-0001		Protective Corridor Handrails *(10 26 16 16)*		
10 26 16 16-0002		Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*		
10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	20.78	6.89
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-4.82*	
		For >200, Deduct	*-6.55*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	18.78	6.89
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-4.82*	
		For >200, Deduct	*-6.45*	
		For >25 To 50, Deduct	*-3.45*	
		For >50 To 100, Deduct	*-4.82*	
		For >100, Deduct	*-6.45*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	26.78	6.89
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-4.82*	
		For >200, Deduct	*-6.85*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	22.78	6.89
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-4.82*	
		For >200, Deduct	*-6.65*	
		For >25 To 50, Deduct	*-3.45*	
		For >50 To 100, Deduct	*-4.82*	
		For >100, Deduct	*-6.65*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0007		LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	27.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-6.90*	
10 26 16 16-0008		EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	29.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.00*	
			For >25 To 50, Deduct	*-3.45*	
			For >50 To 100, Deduct	*-4.82*	
			For >100, Deduct	*-7.00*	
10 26 16 16-0009		LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	34.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.25*	
10 26 16 16-0010		EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	37.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.40*	
			For >25 To 50, Deduct	*-3.45*	
			For >50 To 100, Deduct	*-4.82*	
			For >100, Deduct	*-7.40*	

10 26 16 16-0011 Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*

10 26 16 16-0012		LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	44.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.75*	
10 26 16 16-0013		EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	45.78	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.80*	
			For >25 To 50, Deduct	*-3.45*	
			For >50 To 100, Deduct	*-4.82*	
			For >100, Deduct	*-7.80*	

10 26 16 16-0014 Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*

Note: Includes end caps.

10 26 16 16-0015		LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	26.69	6.14
			For >50 To 100, Deduct	*-3.07*	
			For >100 To 200, Deduct	*-4.30*	
			For >200, Deduct	*-6.25*	
			For Maple, Add	*0.43*	
10 26 16 16-0016		LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	31.61	6.56
			For >50 To 100, Deduct	*-3.28*	
			For >100 To 200, Deduct	*-4.59*	
			For >200, Deduct	*-6.82*	
10 26 16 16-0017		LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	23.61	6.14
			For >50 To 100, Deduct	*-3.07*	
			For >100 To 200, Deduct	*-4.30*	
			For >200, Deduct	*-6.10*	
			For Maple, Add	*4.87*	
			For Oak, Add	*5.43*	

10 26 16 16-0018 Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0019		LF	6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN)	38.28	6.89
			For >50 To 100, Deduct	*-3.45*	
			For >100 To 200, Deduct	*-4.82*	
			For >200, Deduct	*-7.43*	

10 26 23 Protective Wall Covering *(10 26)*

10 26 23 00-0001 Impact Resistant Wall Protection *(10 26 23)*

Note: Includes standard trim.

10 26 23 00-0002		SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	6.78	2.29
10 26 23 00-0003		SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	7.05	2.29
10 26 23 00-0004		SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	8.59	2.29

10 26 23 00-0005 Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23)*

Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.

10 26 23 00-0006 "L" Design *(10 26 23 00-0005)*

10 26 23 00-0007 L-Shield *(10 26 23 00-0006)*

10 26 23 00-0008		LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	10.22	2.29
10 26 23 00-0009		LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	12.19	3.22
10 26 23 00-0010		LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	15.95	4.13
10 26 23 00-0011		LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	21.50	5.05

10 26 23 00-0012 "Combo" Hanger *(10 26 23 00-0006)*

10 26 23 00-0013		EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	12.61	4.60
10 26 23 00-0014		EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	14.72	5.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	17.04	6.43
10 26 23 00-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	19.09	7.35
10 26 23 00-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	21.41	8.27
10 26 23 00-0018		**Snap-2 Pipe Hanger** *(10 26 23 00-0006)*		
10 26 23 00-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	10.96	4.60
10 26 23 00-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	13.28	5.51
10 26 23 00-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	15.47	6.43
10 26 23 00-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	17.92	7.35
10 26 23 00-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	20.45	8.27
10 26 23 00-0024		**Coupling** *(10 26 23 00-0006)*		
10 26 23 00-0025	EA	Coupling, L-Shield, 1" Shield Size	6.73	2.29
10 26 23 00-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	9.65	3.22
10 26 23 00-0027	EA	Coupling, L-Shield, 2" Shield Size	13.55	4.13
10 26 23 00-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	16.90	5.05
10 26 23 00-0029		**Coupling, Reducer** *(10 26 23 00-0006)*		
10 26 23 00-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	16.48	2.76
10 26 23 00-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	20.15	3.22
10 26 23 00-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	23.81	3.67
10 26 23 00-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	86.55	4.60
10 26 23 00-0034		**Shield Clips** *(10 26 23 00-0006)*		
10 26 23 00-0035	EA	Shield Clips, L-Support, 1" Shield Size	4.06	1.38
10 26 23 00-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	6.25	2.29
10 26 23 00-0037	EA	Shield Clips, L-Support, 2" Shield Size	8.35	3.22
10 26 23 00-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	9.78	4.13
10 26 23 00-0039		**Wall Flange** *(10 26 23 00-0006)*		
10 26 23 00-0040	EA	Wall Flange, L-Shield, 1" Shield Size	6.59	2.29
10 26 23 00-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	9.38	3.22
10 26 23 00-0042	EA	Wall Flange, L-Shield, 2" Shield Size	13.28	4.13
10 26 23 00-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	46.92	5.05
10 26 23 00-0044		**End Cap** *(10 26 23 00-0006)*		
10 26 23 00-0045	EA	End Cap, L-Shield, 1" Shield Size	6.12	1.38
10 26 23 00-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	8.44	2.29
10 26 23 00-0047	EA	End Cap, L-Shield, 2" Shield Size	11.71	3.22
10 26 23 00-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	47.09	4.13
10 26 23 00-0049		**Inside/Outside Corner** *(10 26 23 00-0006)*		
10 26 23 00-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	35.45	4.60
10 26 23 00-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	38.59	5.51
10 26 23 00-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	46.77	6.89
10 26 23 00-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	79.30	8.27
10 26 23 00-0054		**Joiner** *(10 26 23 00-0006)*		
10 26 23 00-0055	LF	Joiner, L-Shield	7.63	1.38
10 26 23 00-0056		**"U" Design** *(10 26 23 00-0005)*		
10 26 23 00-0057		**U-Shield** *(10 26 23 00-0056)*		
10 26 23 00-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	12.01	2.29
10 26 23 00-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	15.21	3.22
10 26 23 00-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	19.45	3.22
10 26 23 00-0061		**"Combo" Hanger** *(10 26 23 00-0056)*		
10 26 23 00-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	11.31	4.60
10 26 23 00-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	13.49	5.51
10 26 23 00-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	15.60	6.43
10 26 23 00-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	18.88	7.35
10 26 23 00-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	21.34	8.27
10 26 23 00-0067		**Snap-2 Pipe Hanger** *(10 26 23 00-0056)*		
10 26 23 00-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	10.83	4.60
10 26 23 00-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	13.15	5.51
10 26 23 00-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	15.81	6.43
10 26 23 00-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	17.79	7.35
10 26 23 00-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	20.38	8.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0073		**Coupling** *(10 26 23 00-0056)*		
10 26 23 00-0074	EA	Coupling, U-Shield, 1" Shield Size	7.69	2.29
10 26 23 00-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	9.86	3.22
10 26 23 00-0076	EA	Coupling, U-Shield, 2" Shield Size	12.18	4.13
10 26 23 00-0077		**Coupling, Reducer** *(10 26 23 00-0056)*		
10 26 23 00-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	19.23	2.76
10 26 23 00-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	22.89	3.22
10 26 23 00-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	24.50	3.67
10 26 23 00-0081		**Shield Clips** *(10 26 23 00-0056)*		
10 26 23 00-0082	EA	Shield Clips, U-Support, 1" Shield Size	3.79	1.38
10 26 23 00-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	5.77	2.29
10 26 23 00-0084	EA	Shield Clips, U-Support, 2" Shield Size	7.73	3.22
10 26 23 00-0085		**Wall Flange** *(10 26 23 00-0056)*		
10 26 23 00-0086	EA	Wall Flange, U-Shield, 1" Shield Size	7.48	2.29
10 26 23 00-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	9.79	3.22
10 26 23 00-0088	EA	Wall Flange, U-Shield, 2" Shield Size	12.11	4.13
10 26 23 00-0089		**End Cap** *(10 26 23 00-0056)*		
10 26 23 00-0090	EA	End Cap, U-Shield, 1" Shield Size	6.46	1.38
10 26 23 00-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	8.99	2.29
10 26 23 00-0092	EA	End Cap, U-Shield, 2" Shield Size	11.44	3.22
10 26 23 00-0093		**Inside/Outside Corner** *(10 26 23 00-0056)*		
10 26 23 00-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	43.75	4.60
10 26 23 00-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	48.95	5.51
10 26 23 00-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	58.16	6.89
10 26 23 00-0097		**Elbow** *(10 26 23 00-0056)*		
10 26 23 00-0098	EA	Elbow, U-Shield, 1" Shield Size	42.99	4.60
10 26 23 00-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	47.58	5.51
10 26 23 00-0100	EA	Elbow, U-Shield, 2" Shield Size	56.85	6.89
10 26 23 00-0101		**Tee** *(10 26 23 00-0056)*		
10 26 23 00-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	55.14	6.89
10 26 23 00-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	61.74	8.27
10 26 23 00-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	72.41	10.11
10 26 23 00-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	71.86	7.81
10 26 23 00-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	78.35	9.65
10 26 23 00-0107		**Cross** *(10 26 23 00-0056)*		
10 26 23 00-0108	EA	Cross, U-Shield, 1" Shield Size	97.60	9.18
10 26 23 00-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	109.85	11.02
10 26 23 00-0110	EA	Cross, U-Shield, 2" Shield Size	133.74	13.78
10 26 23 00-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	132.15	10.11
10 26 23 00-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	146.20	12.40
10 26 23 00-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 00-0005)*		
10 26 23 00-0114		**Coupling Transition** *(10 26 23 00-0113)*		
10 26 23 00-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	17.08	2.29
10 26 23 00-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	19.74	3.22
10 26 23 00-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	24.66	4.13
10 26 23 00-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	19.43	2.76
10 26 23 00-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	24.36	3.67
10 26 23 00-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	90.46	4.60
10 26 23 00-0121		**Elbow Transition** *(10 26 23 00-0113)*		
10 26 23 00-0122	EA	Transition Elbow, 1" x 1" (UxL)	56.78	4.60
10 26 23 00-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	61.91	5.51
10 26 23 00-0124	EA	Transition Elbow, 2" x 2" (UxL)	72.90	6.89
10 26 23 00-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	86.93	5.05
10 26 23 00-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	62.51	5.05
10 26 23 00-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	92.56	6.43
10 26 23 00-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	72.74	6.43
10 26 23 00-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	111.00	7.35
10 26 23 00-0130		**Tee Transition** *(10 26 23 00-0113)*		
10 26 23 00-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	66.18	6.89
10 26 23 00-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	76.76	8.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	89.62	10.11
10 26 23 00-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	70.29	7.81
10 26 23 00-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	107.99	8.73
10 26 23 00-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	78.96	9.65
10 26 23 00-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	106.64	11.49
10 26 23 00-0138		Fittings (L Or U) *(10 26 23 00-0005)*		
10 26 23 00-0139		Hugger Hangers For Steel Pipe *(10 26 23 00-0138)*		
10 26 23 00-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	8.79	3.67
10 26 23 00-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	10.96	4.60
10 26 23 00-0142	EA	Hugger Hanger, For 1" Steel Pipe	12.94	5.51
10 26 23 00-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	14.99	6.43
10 26 23 00-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	16.96	7.35
10 26 23 00-0145	EA	Hugger Hanger, For 2" Steel Pipe	19.08	7.35
10 26 23 00-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	21.06	9.18
10 26 23 00-0147	EA	Hugger Hanger, For 3" Steel Pipe	25.42	10.11
10 26 23 00-0148		Hugger Hangers For Copper Pipe *(10 26 23 00-0138)*		
10 26 23 00-0149	EA	Hugger Hanger, For 1/2" Copper Pipe	8.86	3.67
10 26 23 00-0150	EA	Hugger Hanger, For 3/4" Copper Pipe	11.03	4.60
10 26 23 00-0151	EA	Hugger Hanger, For 1" Copper Pipe	13.01	5.51
10 26 23 00-0152	EA	Hugger Hanger, For 1-1/4" Copper Pipe	15.05	6.43
10 26 23 00-0153	EA	Hugger Hanger, For 1-1/2" Copper Pipe	17.03	7.35
10 26 23 00-0154	EA	Hugger Hanger, For 2" Copper Pipe	19.22	8.27
10 26 23 00-0155	EA	Hugger Hanger, For 2-1/2" Copper Pipe	21.19	9.18
10 26 23 00-0156	EA	Hugger Hanger, For 3" Copper Pipe	25.63	10.11
10 26 23 00-0157		Shield Extension (L Or U) *(10 26 23 00-0138)*		
10 26 23 00-0158	LF	Shield Extension	9.07	1.38
10 26 23 00-0159		Interior Steel Soffit System *(10 26 23)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 00-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	18.24	4.13
		For 22 Gauge Steel, Add	*1.00*	
		For 20 Gauge Steel, Add	*2.13*	
		For 18 Gauge Steel, Add	*4.19*	
		For 16 Gauge Steel, Add	*6.43*	
		For Stainless Steel, Add	*2.49*	
10 26 23 00-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	32.04	11.49
		For Stainless Steel, Add	*2.27*	
10 26 23 00-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	70.85	13.78
		For Stainless Steel, Add	*10.60*	
10 26 23 00-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	23.47	6.89
		For Stainless Steel, Add	*2.42*	
10 26 23 00-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	5.90	2.76
		For Stainless Steel, Add	*0.10*	
10 26 23 00-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	20.36	4.13
		For 22 Gauge Steel, Add	*0.91*	
		For 20 Gauge Steel, Add	*1.93*	
		For 18 Gauge Steel, Add	*3.75*	
		For 16 Gauge Steel, Add	*6.29*	
		For Stainless Steel, Add	*3.02*	
10 26 23 00-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	32.04	11.49
		For Stainless Steel, Add	*2.27*	
10 26 23 00-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	70.85	13.78
		For Stainless Steel, Add	*10.60*	
10 26 23 00-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	19.80	5.05
		For Stainless Steel, Add	*2.42*	
10 26 23 00-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	5.90	2.76
		For Stainless Steel, Add	*0.10*	

10 26 41 Bullet Resistant Panels *(10 26)*

10 26 41 00-0001		Laminated Bullet Resistant Fiberglass Panel *(10 26 41)*		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	13.10	1.30
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	17.38	1.39
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	19.54	1.48
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	20.82	1.57
10 26 41 00-0006	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	24.17	1.75
10 26 41 00-0007	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	39.78	2.13
10 26 41 00-0008	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	67.32	3.98
10 26 41 00-0009	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	81.83	4.35
10 26 41 00-0010	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	92.66	4.62

10 28 Toilet, Bath, And Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13		**Commercial Toilet Accessories** *(10 28 13)*		
10 28 13 13-0001		Toilet Accessories *(10 28 13 13)*		
10 28 13 13-0002		Dispensers *(10 28 13 13-0001)*		
10 28 13 13-0003		Paper Towel Dispensers *(10 28 13 13-0002)*		
10 28 13 13-0004		Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*		
10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	82.99	20.66
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	88.24	20.66
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	89.02	20.66
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	90.53	20.66
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	132.05	20.66
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	143.39	20.66
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	154.72	20.66
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	156.55	9.18
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	265.08	20.66
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	310.20	20.66
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	334.98	20.66
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	194.69	20.66
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	87.56	11.48
10 28 13 13-0018		Plastic Paper Towel Dispensers *(10 28 13 13-0003)*		
10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	65.07	20.66
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	125.43	20.66
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	124.62	20.66
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	107.26	20.66
10 28 13 13-0023		Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*		
10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	70.33	20.66
10 28 13 13-0025		Toilet Tissue Dispensers *(10 28 13 13-0002)*		
10 28 13 13-0026		Plastic Toilet Tissue Dispensers *(10 28 13 13-0025)*		
10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	64.88	20.66
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	94.75	20.66
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	57.25	20.66
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	66.21	20.66
10 28 13 13-0031		Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0025)*		
10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	59.43	20.66
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	59.82	20.66
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	62.54	20.66
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	67.60	20.66
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	86.29	20.66
10 28 13 13-0037		Stainless Steel Toilet Tissue Dispensers *(10 28 13 13-0025)*		
10 28 13 13-0038	EA	Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	51.84	20.66
10 28 13 13-0039	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	77.15	20.66
10 28 13 13-0040	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	77.27	20.66
10 28 13 13-0041	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	89.21	20.66
10 28 13 13-0042	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	59.04	20.66
10 28 13 13-0043	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	95.25	20.66
10 28 13 13-0044	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	132.68	20.66
10 28 13 13-0045	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	136.72	20.66
10 28 13 13-0046	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	172.80	20.66
10 28 13 13-0047	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	196.49	20.66
10 28 13 13-0048	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	244.75	20.66
10 28 13 13-0049	EA	Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	108.49	20.66
10 28 13 13-0050	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	100.88	20.66
10 28 13 13-0051	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	82.82	20.66
10 28 13 13-0052		Soap Dispensers *(10 28 13 13-0002)*		
10 28 13 13-0053	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	76.17	20.66
		For 34 Fluid Ounce (B-822), Add	*4.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0054	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	82.01	20.66
		For 34 Fluid Ounce (B-822), Add	*4.32*	
10 28 13 13-0055	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	53.98	20.66
10 28 13 13-0056	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	58.06	20.66
10 28 13 13-0057	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	70.25	20.66
10 28 13 13-0058	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	71.94	20.66
10 28 13 13-0059	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	77.34	20.66
10 28 13 13-0060	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	95.84	20.66
10 28 13 13-0061	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	159.75	20.66
10 28 13 13-0062	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	249.50	20.66
10 28 13 13-0063	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	158.05	20.66
10 28 13 13-0064		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0065	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	86.69	20.66
10 28 13 13-0066	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	64.88	20.66
10 28 13 13-0067		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0068	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	53.20	20.66
10 28 13 13-0069	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	68.58	20.66
10 28 13 13-0070	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	117.06	20.66
10 28 13 13-0071	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	124.12	20.66
10 28 13 13-0072	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	236.84	20.66
10 28 13 13-0073		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0074	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	371.43	20.66
10 28 13 13-0075	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	230.18	20.66
10 28 13 13-0076		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0077	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	457.01	20.66
10 28 13 13-0078	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	349.14	20.66
10 28 13 13-0079	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	462.94	20.66
10 28 13 13-0080	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	353.47	20.66
10 28 13 13-0081	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	311.75	20.66
10 28 13 13-0082		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0083	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	332.56	45.92
10 28 13 13-0084	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	369.67	45.92
10 28 13 13-0085	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	308.97	45.92
10 28 13 13-0086	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	429.26	45.92
10 28 13 13-0087	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	440.74	45.92
10 28 13 13-0088	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	504.80	45.92
10 28 13 13-0089	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	474.16	45.92
10 28 13 13-0090		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0091		**Wall Mounted Waste Receptacles** *(10 28 13 13-0090)*		
10 28 13 13-0092	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	77.31	20.66
10 28 13 13-0093	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	124.07	20.66
10 28 13 13-0094	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	286.15	45.92
10 28 13 13-0095	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	417.77	45.92
10 28 13 13-0096	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	333.86	45.92
10 28 13 13-0097		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0090)*		
10 28 13 13-0098	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	90.09	20.66
10 28 13 13-0099	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	126.21	20.66
10 28 13 13-0100	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	231.32	9.18
10 28 13 13-0101	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	348.54	9.18
10 28 13 13-0102	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	326.70	9.18
10 28 13 13-0103	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	314.27	9.18
10 28 13 13-0104		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0090)*		
10 28 13 13-0105	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369)	239.43	45.92
10 28 13 13-0106	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369)	376.30	45.92
10 28 13 13-0107	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944)	370.85	45.92
10 28 13 13-0108	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900)	532.55	45.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0109	EA	12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909)	727.77	45.92
10 28 13 13-0110	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961)	617.34	45.92
10 28 13 13-0111	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3949)	479.12	45.92
10 28 13 13-0112	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619)	767.26	45.92
10 28 13 13-0113	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944)	711.99	50.52
10 28 13 13-0114	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947)	483.80	50.52

10 28 13 13-0115 Sanitary Napkin/Tampon Receptacles *(10 28 13 13-0090)*

10 28 13 13-0116	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	72.59	22.95
10 28 13 13-0117	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	136.82	22.95
10 28 13 13-0118	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	148.14	22.95
10 28 13 13-0119	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	335.44	22.95
10 28 13 13-0120	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	181.62	22.95
10 28 13 13-0121	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	312.27	22.95

10 28 13 13-0122 Grab Bars *(10 28 13 13-0001)*

10 28 13 13-0123 1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0124	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	69.99	18.37
		For Peened Grip, Add	*3.41*	
10 28 13 13-0125	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	79.67	18.37
		For Peened Grip, Add	*4.28*	
10 28 13 13-0126	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	80.64	18.37
		For Peened Grip, Add	*4.36*	
10 28 13 13-0127	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	81.10	18.37
		For Peened Grip, Add	*4.41*	
10 28 13 13-0128	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	81.22	18.37
		For Peened Grip, Add	*4.42*	
10 28 13 13-0129	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	83.56	18.37
		For Peened Grip, Add	*4.63*	
10 28 13 13-0130	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	87.25	18.37
		For Peened Grip, Add	*4.96*	

10 28 13 13-0131 1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0132	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	130.79	18.37
		For Peened Grip, Add	*8.46*	
10 28 13 13-0133	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	133.32	18.37
		For Peened Grip, Add	*8.69*	

10 28 13 13-0134 1-1/2" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0135	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	78.86	18.37
		For Peened Grip, Add	*4.20*	
10 28 13 13-0136	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	79.67	18.37
		For Peened Grip, Add	*4.28*	
10 28 13 13-0137	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	81.22	18.37
		For Peened Grip, Add	*4.42*	
10 28 13 13-0138	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	82.78	18.37
		For Peened Grip, Add	*4.56*	
10 28 13 13-0139	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	84.73	18.37
		For Peened Grip, Add	*4.73*	
10 28 13 13-0140	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	86.48	18.37
		For Peened Grip, Add	*4.89*	
10 28 13 13-0141	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	90.76	18.37
		For Peened Grip, Add	*5.27*	

10 28 13 13-0142 1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0143	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	120.27	18.37
		For Peened Grip, Add	*7.52*	
10 28 13 13-0144	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	128.65	18.37
		For Peened Grip, Add	*8.27*	
10 28 13 13-0145	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	112.88	18.37
		For Peened Grip, Add	*6.85*	

10 28 13 13-0146 1-1/4" Diameter, Stainless Steel Swing Up Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish.

10 28 13 13-0147	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	336.67	18.37
		For Peened Grip, Add	*27.41*	

10 28 13 13-0148 Shelves *(10 28 13 13-0001)*

10 28 13 13-0149	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	91.35	20.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0150	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	93.70	20.66
10 28 13 13-0151	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	104.40	20.66
10 28 13 13-0152	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	107.10	20.66
10 28 13 13-0153	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	102.85	20.66
10 28 13 13-0154	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	104.12	20.66
10 28 13 13-0155	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	110.44	20.66
10 28 13 13-0156	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	119.59	20.66
10 28 13 13-0157	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	138.92	20.66
10 28 13 13-0158	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	110.63	20.66
10 28 13 13-0159	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	112.58	20.66
10 28 13 13-0160	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	174.65	20.66
10 28 13 13-0161	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	186.30	20.66
10 28 13 13-0162	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	204.28	20.66
10 28 13 13-0163	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	253.20	20.66
10 28 13 13-0164	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	342.32	20.66
10 28 13 13-0165	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	149.75	20.66
10 28 13 13-0166		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0167	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	329.19	27.55
10 28 13 13-0168	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	347.99	27.55
10 28 13 13-0169	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	289.78	27.55
10 28 13 13-0170	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,356.41	27.55
10 28 13 13-0171	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	1,574.35	27.55
10 28 13 13-0172	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,356.41	27.55
10 28 13 13-0173	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	1,574.35	27.55
10 28 13 13-0174		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0175	EA	33" Width, Wall-Mounted, Reversible, Folding , Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	416.77	36.74
10 28 13 13-0176	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	539.43	36.74
10 28 13 13-0177	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	522.28	36.74
10 28 13 13-0178		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0179	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	49.75	20.66
10 28 13 13-0180	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	51.11	20.66
10 28 13 13-0181	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	86.54	20.66
10 28 13 13-0182	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	93.35	20.66
10 28 13 13-0183		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0184	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.45	0.91
10 28 13 13-0185	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	38.04	9.18
10 28 13 13-0186	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	39.70	9.18
10 28 13 13-0187	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	68.77	20.66
10 28 13 13-0188	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	73.06	20.66
10 28 13 13-0189	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	78.31	20.66
10 28 13 13-0190	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	84.74	20.66
10 28 13 13-0191	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	61.38	20.66
10 28 13 13-0192	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	66.44	20.66
10 28 13 13-0193	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	69.36	20.66
10 28 13 13-0194	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	73.06	20.66
10 28 13 13-0195	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	63.52	20.66
10 28 13 13-0196	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	67.80	20.66
10 28 13 13-0197	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	72.86	20.66
10 28 13 13-0198	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	76.37	20.66
10 28 13 13-0199		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0200	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	377.11	22.58
10 28 13 13-0201	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	405.71	22.58
10 28 13 13-0202	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	448.94	22.58
10 28 13 13-0203	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	633.48	22.58
10 28 13 13-0204	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	533.43	22.58
10 28 13 13-0205	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	593.87	22.58
10 28 13 13-0206	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	548.86	22.58
10 28 13 13-0207	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	568.15	22.58
10 28 13 13-0208	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	588.72	22.58
10 28 13 13-0209	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	674.07	22.58
10 28 13 13-0210	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	908.11	22.58
10 28 13 13-0211	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	1,545.13	22.58
10 28 13 13-0212	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	696.84	22.58
10 28 13 13-0213	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	733.99	22.58

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10 28 13 13-0214	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	755.23	22.58
10 28 13 13-0215	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	776.46	22.58
10 28 13 13-0216	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	818.93	22.58
10 28 13 13-0217	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	569.43	22.58
10 28 13 13-0218	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) Note: Electronically adjustable sound and speed.	606.59	22.58
10 28 13 13-0219	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) Note: Electronically adjustable sound and speed.	627.82	22.58
10 28 13 13-0220	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) Note: Electronically adjustable sound and speed.	649.06	22.58
10 28 13 13-0221	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) Note: Electronically adjustable sound and speed.	691.53	22.58
10 28 13 13-0222	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) Note: Electronically adjustable sound and speed.	569.43	22.58
10 28 13 13-0223	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) Note: Electronically adjustable sound and speed.	606.59	22.58
10 28 13 13-0224	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) Note: Electronically adjustable sound and speed.	627.82	22.58
10 28 13 13-0225	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) Note: Electronically adjustable sound and speed.	649.06	22.58
10 28 13 13-0226	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) Note: Electronically adjustable sound and speed.	691.53	22.58
10 28 13 13-0227	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	420.79	22.58
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	457.95	22.58
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	479.19	22.58
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	500.42	22.58
10 28 13 13-0231	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	542.89	22.58
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	420.79	22.58
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	457.95	22.58
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	479.19	22.58
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	500.42	22.58
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	542.89	22.58
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	314.62	22.58
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	351.78	22.58
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	394.25	22.58

10 28 13 13-0240 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	583.95	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-WH)	809.05	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	679.53	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With HEPA Filtration System (Excel Xlerator XL-GRH)	841.42	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	728.10	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-CH)	889.99	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	728.10	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SBH)	889.99	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	679.53	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SPH)	841.42	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	614.77	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-BWH)	776.67	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	583.95	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-WH-ECO)	809.05	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	679.53	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-GRH-ECO)	841.42	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	728.10	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-CH-ECO)	889.99	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	728.10	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SBH-ECO)	889.99	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	679.53	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SPH-ECO)	841.42	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	614.77	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-BWH-ECO)	776.67	22.58
		For ADA-Compliant Recess Kit, Add	*159.87*	

10 28 13 13-0265 Additional Accessories *(10 28 13 13-0001)*

10 28 13 13-0266 Hooks *(10 28 13 13-0265)*

10 28 13 13-0267	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	24.80	9.18
10 28 13 13-0268	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	29.08	9.18
10 28 13 13-0269	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	25.18	9.18
10 28 13 13-0270	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	27.10	9.18
10 28 13 13-0271	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	43.09	9.18
10 28 13 13-0272	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	39.20	9.18

10 28 13 13-0273 Clotheslines *(10 28 13 13-0265)*

10 28 13 13-0274	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	43.35	18.37

10 28 13 13-0275 Towel Bars *(10 28 13 13-0265)*

10 28 13 13-0276	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	53.68	20.66
10 28 13 13-0277	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	53.83	20.66
10 28 13 13-0278	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	59.54	20.66
10 28 13 13-0279	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	60.08	20.66
10 28 13 13-0280	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	85.13	20.66
10 28 13 13-0281	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	88.43	20.66
10 28 13 13-0282	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	87.66	20.66
10 28 13 13-0283	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	90.38	20.66
10 28 13 13-0284	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	95.26	20.66
10 28 13 13-0285	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	98.15	20.66
10 28 13 13-0286	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	74.03	20.66
10 28 13 13-0287	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	76.56	20.66

10 28 13 13-0288 Towel Bar With Shelf *(10 28 13 13-0265)*

10 28 13 13-0289	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	159.11	20.66

10 28 13 13-0290 Towel Pins *(10 28 13 13-0265)*

10 28 13 13-0291	EA	Stainless Steel Towel Pin (Bobrick B-677)	41.73	9.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0292		Mirrors *(10 28 13 13)*		
10 28 13 13-0293		Stainless Steel Channel Frame Glass Mirrors *(10 28 13 13-0292)*		
10 28 13 13-0294	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	89.71	22.95
10 28 13 13-0295	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	100.39	22.95
10 28 13 13-0296	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	104.10	22.95
		For Tempered Glass (B-1658), Add	*31.08*	
10 28 13 13-0297	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	111.68	22.95
		For Tempered Glass (B-1658), Add	*36.39*	
10 28 13 13-0298	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	121.42	22.95
10 28 13 13-0299	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	125.51	22.95
		For Tempered Glass (B-1658), Add	*46.07*	
10 28 13 13-0300	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	152.38	22.95
10 28 13 13-0301	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	174.38	22.95
10 28 13 13-0302	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	208.01	22.95
10 28 13 13-0303	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	259.08	22.95
10 28 13 13-0304	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	290.10	22.95
10 28 13 13-0305		Stainless Steel Channel Frame Glass Mirror/Shelf Combination *(10 28 13 13-0292)*		
10 28 13 13-0306	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	157.44	22.95
10 28 13 13-0307	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	168.93	22.95
10 28 13 13-0308	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	176.52	22.95
10 28 13 13-0309	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	197.94	22.95
10 28 13 13-0310		Stainless Steel Angle Frame Glass Mirrors *(10 28 13 13-0292)*		
10 28 13 13-0311	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	141.26	22.95
10 28 13 13-0312	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	153.94	22.95
		For Tempered Glass (B-2908), Add	*62.20*	
10 28 13 13-0313	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	158.22	22.95
		For Tempered Glass (B-2908), Add	*65.02*	
10 28 13 13-0314	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	183.53	22.95
10 28 13 13-0315	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	184.50	22.95
		For Tempered Glass (B-2908), Add	*82.37*	
10 28 13 13-0316	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	243.10	22.95
10 28 13 13-0317	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	283.99	22.95
10 28 13 13-0318	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	322.16	22.95
10 28 13 13-0319	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	218.22	22.95
10 28 13 13-0320	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	263.72	22.95
10 28 13 13-0321	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	398.30	22.95
10 28 13 13-0322		Stainless Steel Angle Frame Glass Mirror/Shelf Combination *(10 28 13 13-0292)*		
10 28 13 13-0323	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	145.69	22.95
10 28 13 13-0324	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	277.18	22.95
10 28 13 13-0325	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	290.03	22.95
10 28 13 13-0326	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	322.16	22.95
10 28 13 13-0327		Frameless Stainless Steel Mirrors *(10 28 13 13-0292)*		
10 28 13 13-0328	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	157.05	22.95
10 28 13 13-0329	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	200.07	22.95
10 28 13 13-0330		Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors *(10 28 13 13-0292)*		
10 28 13 13-0331	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	209.81	22.95
10 28 13 13-0332	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	218.19	22.95
10 28 13 13-0333	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	262.00	22.95
10 28 13 13-0334	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	319.82	22.95
10 28 13 13-0335		Medicine Cabinets *(10 28 13 13)*		
10 28 13 13-0336		Metal Medicine Cabinets *(10 28 13 13-0335)*		
10 28 13 13-0337	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	234.68	45.92
10 28 13 13-0338	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	190.27	45.92
10 28 13 13-0339	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	195.81	45.92
10 28 13 13-0340	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	407.06	45.92
10 28 13 13-0341	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	552.11	45.92
10 28 13 13-0342		Janitorial Material *(10 28 13 13)*		
10 28 13 13-0343	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	39.20	9.18
10 28 13 13-0344	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	100.90	20.66
10 28 13 13-0345	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	97.40	20.66
10 28 13 13-0346	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	109.73	20.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0347	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	121.93	20.66
10 28 13 13-0348	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	83.71	20.66
10 28 13 13-0349	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	220.44	20.66
10 28 13 13-0350	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	314.49	20.66

10 28 13 13-0351 Remove And Reinstall Bathroom Accessories *(10 28 13 13)*

10 28 13 13-0352	EA	Removal And Reinstallation Of Bathroom Accessory	28.70	

10 28 13 19 Healthcare Toilet Accessories *(10 28 13)*

10 28 13 19-0001	EA	Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905)	142.38	28.75
10 28 13 19-0002	EA	Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990)	503.18	28.75
10 28 13 19-0003	EA	Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843)	186.25	76.50

10 28 16 Bath Accessories *(10 28)*

10 28 16 13 Residential Bath Accessories *(10 28 16)*

10 28 16 13-0001 Toilet Accessories *(10 28 16 13)*

10 28 16 13-0002 Recessed Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0003	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	63.58	20.66
10 28 16 13-0004	EA	Recessed Mounted, Chrome Plated Soap Dish	76.23	20.66
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	78.80	20.66
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Tumbler Holder	64.67	20.66

10 28 16 13-0007 Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0008	EA	Surface Mounted, Chrome Plated Soap Dish	37.83	13.78
10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Single Clothes Hook	40.69	13.78
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Double Clothes Hook	40.69	13.78
10 28 16 13-0011	LF	6" Deep, Surface Mounted, Chrome Plated Supports, Glass Shelf	63.05	13.78
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	55.84	13.78
10 28 16 13-0013	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	49.59	18.37
10 28 16 13-0014	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	49.91	18.37
10 28 16 13-0015	EA	Surface Mounted, Chrome Plated Towel Ring	37.12	13.78
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	24.06	20.66
10 28 16 13-0017	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	37.83	13.78
10 28 16 13-0018	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	57.05	13.78
10 28 16 13-0019	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	41.68	13.78
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Towel Pin	42.98	13.78
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	86.69	13.78
10 28 16 13-0022	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	54.43	13.78
10 28 16 13-0023	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	65.20	13.78

10 28 16 13-0024 Toilet Accessories *(10 28 16 13-0001)*

10 28 16 13-0025	EA	Surface Mounted Paper Towel Dispenser, Plastic	57.61	20.66
10 28 16 13-0026	EA	Surface Mounted Napkin Disposal, Plastic	54.01	20.66
10 28 16 13-0027	EA	Soap Dispenser For Soaps And Detergent, 50 Fluid Oz, Plastic	55.28	
10 28 16 13-0028	EA	Soap Dispenser For Antibacterial Soaps, 50 Fluid Oz, Plastic	59.09	20.66
10 28 16 13-0029	EA	Multi Roll (2) Toilet Tissue Dispenser, Plastic	57.62	20.66
10 28 16 13-0030	EA	Single Jumbo Roll Toilet Tissue Dispenser, Plastic	70.54	25.26
10 28 16 13-0031	EA	Surface Mounted Toilet Seat Cover Dispenser, Plastic	44.79	18.37
10 28 16 13-0032	EA	Waste Door For Countertops, 13 Gallon, Plastic	117.54	34.44

10 28 16 13-0033 Solid Oak Medicine Cabinets *(10 28 16 13-0001)*

Note: Surface or recessed mounted, premium quality.

10 28 16 13-0034	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	311.77	45.92
10 28 16 13-0035	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	391.99	45.92
10 28 16 13-0036	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	328.94	45.92
10 28 16 13-0037	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	415.41	45.92
10 28 16 13-0038	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	339.77	45.92
10 28 16 13-0039	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	435.99	45.92
10 28 16 13-0040	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	354.64	45.92
10 28 16 13-0041	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	461.13	45.92

10 28 19 Tub and Shower Enclosures *(10 28)*

10 28 19 16 Shower Doors *(10 28 19)*

10 28 19 16-0001 Swinging Shower Doors *(10 28 19 16)*

10 28 19 16-0002 Framed, Swinging Shower Doors *(10 28 19 16-0001)*

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	341.20	22.88
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	357.56	22.88
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	425.41	22.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	355.82	22.88
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	378.99	22.88
10 28 19 16-0008		Frameless, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	515.72	22.88
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	538.40	22.88
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	559.74	22.88
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	582.42	22.88
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	604.43	22.88
10 28 19 16-0014		Sliding Shower Doors *(10 28 19 16)*		
10 28 19 16-0015		Framed, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	565.66	22.88
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	519.77	22.88
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	532.13	22.88
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	545.27	22.88
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	552.61	22.88
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	563.47	22.88
10 28 19 16-0022		Frameless, Sliding Shower Doors *(10 28 19 16-0014)*		
10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	585.76	22.88
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	710.60	22.88
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	752.62	22.88
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	681.34	22.88
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	690.54	22.88
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	776.05	22.88
10 28 19 19		**Tub Doors** *(10 28 19)*		
10 28 19 19-0001		Sliding Bathtub Doors *(10 28 19 19)*		
10 28 19 19-0002		Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*		
10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	505.97	22.88
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	511.25	22.88
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	523.21	22.88

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001		Fire Department Plan Cabinets (Knox) *(10 41 13)*		
10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	897.90	29.84
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.43*	
		For Swing Key Hook Panel, Add	*157.43*	
		For Non-Locking Weather Housing, Add	*395.28*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	950.79	29.84
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.43*	
		For Swing Key Hook Panel, Add	*157.43*	
		For Second Swing Key Hook Panel, Add	*124.43*	
		For Non-Locking Weather Housing, Add	*395.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	458.93	29.84
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	406.04	29.84
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*57.13*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	535.62	29.84
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*57.13*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	568.67	29.84
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*57.13*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	283.90	37.65
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	288.22	37.65
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	289.08	37.65
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	315.84	37.65
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	385.78	37.65
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	395.27	37.65

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	308.23	37.65
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	313.20	37.65
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	321.49	37.65
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	335.58	37.65
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	379.15	37.65
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	392.41	37.65

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	412.91	37.65
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	423.07	37.65
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	428.14	37.65
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	462.84	37.65
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	532.72	37.65
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	553.88	37.65

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	953.94	37.65
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	960.65	37.65
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,097.48	37.65

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*
Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.

10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	340.02	37.65
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	372.83	37.65

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	307.21	37.65
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	315.84	37.65
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	316.71	37.65
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	346.06	37.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	404.77	37.65
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	414.27	37.65
10 44 13 00-0039		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	345.16	37.65
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	357.60	37.65
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	365.06	37.65
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	379.15	37.65
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	428.05	37.65
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	439.65	37.65
10 44 13 00-0046		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	457.40	37.65
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	469.25	37.65
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	474.33	37.65
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	500.56	37.65
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	565.73	37.65
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	580.11	37.65
10 44 13 00-0053		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,192.82	37.65
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,198.45	37.65
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,368.40	37.65
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	371.10	37.65
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	402.18	37.65
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0061		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	300.30	37.65
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	305.48	37.65
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	346.93	37.65
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	397.86	37.65
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	411.68	37.65
10 44 13 00-0067		Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	423.90	37.65
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	434.68	37.65
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	458.71	37.65
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	505.96	37.65
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	525.85	37.65
10 44 13 00-0073		Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	531.03	37.65
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	547.11	37.65
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	586.88	37.65
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	663.89	37.65
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	687.59	37.65
10 44 13 00-0079		Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,363.10	37.65
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,531.75	37.65
10 44 13 00-0082		Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	352.11	37.65
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	390.09	37.65
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	523.05	37.65

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	29.58	11.48
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	27.26	11.48
10 44 13 00-0089	EA	Replacement Standard Pull Handle	25.85	11.48
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	75.75	22.95
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	118.34	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	130.17	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	177.51	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	242.60	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	284.02	
10 44 13 00-0096	EA	Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	68.64	
10 44 13 00-0097	EA	Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	71.00	
10 44 13 00-0098	EA	Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	94.67	
10 44 13 00-0099	EA	Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	171.59	
10 44 13 00-0100	EA	Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	173.96	
10 44 13 00-0101	EA	Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	72.45	
10 44 13 00-0102	EA	Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	76.07	
10 44 13 00-0103	EA	Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	102.64	
10 44 13 00-0104	EA	Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	181.12	
10 44 13 00-0105	EA	Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	183.54	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	387.76	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	393.40	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	398.10	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	402.81	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	408.45	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	423.50	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	428.20	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0116		**Aluminum Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	417.01	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	426.26	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	427.46	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	431.30	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	436.34	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	450.63	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	464.92	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0124		**Stainless Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	500.21	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	543.91	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	548.12	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	561.56	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	565.76	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	587.61	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	609.46	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 44 13 00-0132 Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*
Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	402.81	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	408.45	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	413.15	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	418.79	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	423.50	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	438.54	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	444.18	110.18
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*
Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	426.26	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	436.34	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	437.78	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	440.54	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	445.59	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	459.87	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	474.16	110.18
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*
Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	526.27	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	574.17	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	578.37	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	591.82	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	596.02	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	617.87	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	639.72	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*
Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	408.45	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	413.15	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	418.79	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	423.50	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	428.20	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	444.18	110.18
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	448.89	110.18
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*
Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	450.63	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	459.87	110.18
		For Solid Aluminum Door, Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	462.27	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	464.92	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	469.12	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	484.25	110.18
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	493.49	110.18
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	561.56	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	701.07	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	736.36	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	744.77	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	753.17	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	788.47	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	832.17	110.18
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	189.03	11.93
		For >5 To 10, Deduct	*-6.39*	
		For >10, Deduct	*-12.78*	
		For Placement In Cabinet, Deduct	*-30.61*	
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	281.88	13.78
		For >5 To 10, Deduct	*-10.56*	
		For >10, Deduct	*-21.12*	
		For Placement In Cabinet, Deduct	*-35.32*	
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	366.68	17.45
		For >5 To 10, Deduct	*-13.74*	
		For >10, Deduct	*-27.48*	
		For Placement In Cabinet, Deduct	*-45.92*	
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	450.94	22.04
		For >5 To 10, Deduct	*-16.81*	
		For >10, Deduct	*-33.61*	
		For Placement In Cabinet, Deduct	*-57.40*	
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	499.80	22.04
		For >5 To 10, Deduct	*-19.25*	
		For >10, Deduct	*-38.50*	
		For Placement In Cabinet, Deduct	*-57.40*	
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,681.49	34.90
		For >5 To 10, Deduct	*-74.89*	
		For >10, Deduct	*-149.78*	
10 44 16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	3,259.25	34.90
		For >5 To 10, Deduct	*-153.78*	
		For >10, Deduct	*-307.56*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher	109.20	11.93
		For >5 To 10, Deduct	*-2.40*	
		For >10, Deduct	*-4.80*	
		For Placement In Cabinet, Deduct	*-30.61*	
10 44 16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher	139.76	13.78
		For >5 To 10, Deduct	*-3.46*	
		For >10, Deduct	*-6.91*	
		For Placement In Cabinet, Deduct	*-35.32*	
10 44 16 13-0012	EA	10 LB Dry Chemical, Type ABC Portable Fire Extinguisher	200.17	17.45
		For >5 To 10, Deduct	*-5.42*	
		For >10, Deduct	*-10.83*	
		For Placement In Cabinet, Deduct	*-45.92*	
10 44 16 13-0013	EA	20 LB Dry Chemical, Type ABC Portable Fire Extinguisher	285.30	22.04
		For >5 To 10, Deduct	*-8.53*	
		For >10, Deduct	*-17.05*	
		For Placement In Cabinet, Deduct	*-57.40*	
10 44 16 13-0014	EA	50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,973.46	34.90
		For >5 To 10, Deduct	*-89.49*	
		For >10, Deduct	*-178.98*	
10 44 16 13-0015	EA	125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,992.12	34.90
		For >5 To 10, Deduct	*-140.42*	
		For >10, Deduct	*-280.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0016		**Other Portable Fire Extinguishers** *(10 44 16 13)*		
10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	212.40	13.78
		For >5 To 10, Deduct	*-7.09*	
		For >10, Deduct	*-14.18*	
		For Placement In Cabinet, Deduct	*-35.32*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	319.40	22.04
		For >5 To 10, Deduct	*-10.23*	
		For >10, Deduct	*-20.46*	
		For Placement In Cabinet, Deduct	*-57.40*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	335.11	22.04
		For >5 To 10, Deduct	*-11.02*	
		For >10, Deduct	*-22.03*	
		For Placement In Cabinet, Deduct	*-57.40*	
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	495.65	22.04
		For >5 To 10, Deduct	*-19.04*	
		For >10, Deduct	*-38.09*	
10 44 16 13-0021		**Recharge Existing Portable Fire Extinguishers** *(10 44 16 13)* Note: Includes removal, filling, testing, certification and reinstallation.		
10 44 16 13-0022		**Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers** *(10 44 16 13-0021)*		
10 44 16 13-0023	EA	Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	9.19	
10 44 16 13-0024	EA	Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	10.21	
10 44 16 13-0025	EA	Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	10.62	
10 44 16 13-0026	EA	Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	12.02	
10 44 16 13-0027	EA	Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	13.89	
10 44 16 13-0028		**Recharge Dry Chemical, Class ABC Portable Fire Extinguishers** *(10 44 16 13-0021)*		
10 44 16 13-0029	EA	Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	11.09	
10 44 16 13-0030	EA	Recharge 5 LB Dry Chemical Portable Fire Extinguisher	13.42	
10 44 16 13-0031	EA	Recharge 10 LB Dry Chemical Portable Fire Extinguisher	18.97	
10 44 16 13-0032	EA	Recharge 20 LB Dry Chemical Portable Fire Extinguisher	29.94	
10 44 16 13-0033		**Recharge Other Portable Fire Extinguishers** *(10 44 16 13-0021)*		
10 44 16 13-0034	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	10.97	
10 44 16 13-0035	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	78.20	
10 44 16 13-0036	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	109.48	
10 44 16 13-0037	EA	Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	45.08	
10 44 16 13-0038		**Fire Extinguisher Backboards** *(10 44 16 13)*		
10 44 16 13-0039		**Fire Extinguisher Backboards** *(10 44 16 13-0038)* Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0040	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	99.50	15.73
10 44 16 13-0041	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	138.79	
10 44 16 13-0042		**Inspections And Testing** *(10 44 16 13)*		
10 44 16 13-0043	EA	On Site Fire Extinguisher Annual Inspection (Tag)	9.92	
10 44 16 13-0044	EA	On Site Fire Extinguisher Hydrotest	14.59	
10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	336.33	37.65
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	254.31	37.65

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001		**Institutional Lockers** *(10 51 13)* Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0002		**Single Tier Institutional Locker** *(10 51 13 00-0001)* Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	167.76	28.47
		For >25 To 50, Deduct	*-5.54*	
		For >50 To 100, Deduct	*-11.94*	
		For >100, Deduct	*-18.33*	
		For 14 Gauge Doors, Add	*8.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	173.63	28.47
		For >25 To 50, Deduct	*-5.83*	
		For >50 To 100, Deduct	*-12.52*	
		For >100, Deduct	*-19.21*	
		For 14 Gauge Doors, Add	*9.34*	
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	181.66	28.47
		For >25 To 50, Deduct	*-6.24*	
		For >50 To 100, Deduct	*-13.33*	
		For >100, Deduct	*-20.42*	
		For 14 Gauge Doors, Add	*9.98*	
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	181.78	29.39
		For >25 To 50, Deduct	*-6.15*	
		For >50 To 100, Deduct	*-13.18*	
		For >100, Deduct	*-20.21*	
		For 14 Gauge Doors, Add	*9.84*	
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	186.65	29.39
		For >25 To 50, Deduct	*-6.39*	
		For >50 To 100, Deduct	*-13.67*	
		For >100, Deduct	*-20.94*	
		For 14 Gauge Doors, Add	*10.23*	
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	191.39	29.39
		For >25 To 50, Deduct	*-6.63*	
		For >50 To 100, Deduct	*-14.14*	
		For >100, Deduct	*-21.65*	
		For 14 Gauge Doors, Add	*10.61*	
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	199.59	29.39
		For >25 To 50, Deduct	*-7.04*	
		For >50 To 100, Deduct	*-14.96*	
		For >100, Deduct	*-22.88*	
		For 14 Gauge Doors, Add	*11.26*	
10 51 13 00-0010	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	207.69	29.39
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-15.77*	
		For >100, Deduct	*-24.10*	
		For 14 Gauge Doors, Add	*11.91*	
10 51 13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	216.28	29.39
		For >25 To 50, Deduct	*-7.88*	
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-25.39*	
		For 14 Gauge Doors, Add	*12.60*	
10 51 13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	224.21	29.39
		For >25 To 50, Deduct	*-8.27*	
		For >50 To 100, Deduct	*-17.42*	
		For >100, Deduct	*-26.58*	
		For 14 Gauge Doors, Add	*13.23*	
10 51 13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	296.66	29.39
		For >25 To 50, Deduct	*-11.89*	
		For >50 To 100, Deduct	*-24.67*	
		For >100, Deduct	*-37.45*	
		For 14 Gauge Doors, Add	*19.03*	

10 51 13 00-0014 Two Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	195.48	29.39
		For >25 To 50, Deduct	*-6.84*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-22.27*	
		For 14 Gauge Doors, Add	*15.04*	
10 51 13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	199.18	29.39
		For >25 To 50, Deduct	*-7.02*	
		For >50 To 100, Deduct	*-14.92*	
		For >100, Deduct	*-22.82*	
		For 14 Gauge Doors, Add	*15.44*	
10 51 13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	202.91	29.39
		For >25 To 50, Deduct	*-7.21*	
		For >50 To 100, Deduct	*-15.29*	
		For >100, Deduct	*-23.38*	
		For 14 Gauge Doors, Add	*15.85*	
10 51 13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	204.11	30.30
		For >25 To 50, Deduct	*-7.18*	
		For >50 To 100, Deduct	*-15.26*	
		For >100, Deduct	*-23.34*	
		For 14 Gauge Doors, Add	*15.79*	
10 51 13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	212.19	30.30
		For >25 To 50, Deduct	*-7.58*	
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-24.56*	
		For 14 Gauge Doors, Add	*16.67*	
10 51 13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	217.07	30.30
		For >25 To 50, Deduct	*-7.82*	
		For >50 To 100, Deduct	*-16.56*	
		For >100, Deduct	*-25.29*	
		For 14 Gauge Doors, Add	*17.21*	
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	224.07	30.30
		For >25 To 50, Deduct	*-8.17*	
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-26.34*	
		For 14 Gauge Doors, Add	*17.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	231.10	30.30
		For >25 To 50, Deduct	*-8.52*	
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-27.39*	
		For 14 Gauge Doors, Add	*18.75*	
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	262.90	30.30
		For >25 To 50, Deduct	*-10.11*	
		For >50 To 100, Deduct	*-21.14*	
		For >100, Deduct	*-32.16*	
		For 14 Gauge Doors, Add	*22.25*	
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	268.67	30.30
		For >25 To 50, Deduct	*-10.40*	
		For >50 To 100, Deduct	*-21.72*	
		For >100, Deduct	*-33.03*	
		For 14 Gauge Doors, Add	*22.89*	

10 51 13 00-0025 Three Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	227.42	31.22
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-26.62*	
		For 14 Gauge Doors, Add	*24.75*	
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	231.21	31.22
		For >25 To 50, Deduct	*-8.44*	
		For >50 To 100, Deduct	*-17.81*	
		For >100, Deduct	*-27.19*	
		For 14 Gauge Doors, Add	*25.31*	
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	244.71	31.22
		For >25 To 50, Deduct	*-9.11*	
		For >50 To 100, Deduct	*-19.16*	
		For >100, Deduct	*-29.21*	
		For 14 Gauge Doors, Add	*27.34*	
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	257.64	31.22
		For >25 To 50, Deduct	*-9.76*	
		For >50 To 100, Deduct	*-20.46*	
		For >100, Deduct	*-31.15*	
		For 14 Gauge Doors, Add	*29.28*	
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	267.93	31.22
		For >25 To 50, Deduct	*-10.27*	
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-32.70*	
		For 14 Gauge Doors, Add	*30.82*	

10 51 13 00-0031 Four Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	224.18	32.15
		For >25 To 50, Deduct	*-7.99*	
		For >50 To 100, Deduct	*-16.95*	
		For >100, Deduct	*-25.91*	
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	230.81	32.15
		For >25 To 50, Deduct	*-8.33*	
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-26.91*	
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	241.47	32.15
		For >25 To 50, Deduct	*-8.86*	
		For >50 To 100, Deduct	*-18.68*	
		For >100, Deduct	*-28.51*	
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	250.00	32.15
		For >25 To 50, Deduct	*-9.29*	
		For >50 To 100, Deduct	*-19.54*	
		For >100, Deduct	*-29.79*	
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	262.29	32.15
		For >25 To 50, Deduct	*-9.90*	
		For >50 To 100, Deduct	*-20.76*	
		For >100, Deduct	*-31.63*	

10 51 13 00-0037 Six Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	242.68	33.06
		For >25 To 50, Deduct	*-8.83*	
		For >50 To 100, Deduct	*-18.65*	
		For >100, Deduct	*-28.47*	
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	247.79	33.06
		For >25 To 50, Deduct	*-9.08*	
		For >50 To 100, Deduct	*-19.16*	
		For >100, Deduct	*-29.23*	
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	257.44	33.06
		For >25 To 50, Deduct	*-9.57*	
		For >50 To 100, Deduct	*-20.12*	
		For >100, Deduct	*-30.68*	

10 51 13 00-0041 Locker And Coat Rack Combination *(10 51 13 00-0001)*

10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	424.06	22.04
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	684.86	45.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0044		All-Welded Steel Lockers *(10 51 13)*		
10 51 13 00-0045		All-Welded Steel Lockers *(10 51 13 00-0044)* Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0046		Single Tier, All-Welded Steel Lockers *(10 51 13 00-0045)* Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0047	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	234.31	16.07
		For >25 To 50, Deduct	*-10.57*	
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-32.39*	
10 51 13 00-0048	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	246.79	16.07
		For >25 To 50, Deduct	*-11.19*	
		For >50 To 100, Deduct	*-22.73*	
		For >100, Deduct	*-34.26*	
10 51 13 00-0049	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	258.80	16.07
		For >25 To 50, Deduct	*-11.79*	
		For >50 To 100, Deduct	*-23.93*	
		For >100, Deduct	*-36.07*	
10 51 13 00-0050	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	244.61	16.07
		For >25 To 50, Deduct	*-11.08*	
		For >50 To 100, Deduct	*-22.51*	
		For >100, Deduct	*-33.94*	
10 51 13 00-0051	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	256.62	16.07
		For >25 To 50, Deduct	*-11.68*	
		For >50 To 100, Deduct	*-23.71*	
		For >100, Deduct	*-35.74*	
10 51 13 00-0052	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	268.63	16.07
		For >25 To 50, Deduct	*-12.28*	
		For >50 To 100, Deduct	*-24.91*	
		For >100, Deduct	*-37.54*	
10 51 13 00-0053	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	258.03	17.68
		For >25 To 50, Deduct	*-11.64*	
		For >50 To 100, Deduct	*-23.66*	
		For >100, Deduct	*-35.67*	
10 51 13 00-0054	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	269.15	17.68
		For >25 To 50, Deduct	*-12.19*	
		For >50 To 100, Deduct	*-24.77*	
		For >100, Deduct	*-37.34*	
10 51 13 00-0055	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	281.16	17.68
		For >25 To 50, Deduct	*-12.80*	
		For >50 To 100, Deduct	*-25.97*	
		For >100, Deduct	*-39.14*	
10 51 13 00-0056	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	292.39	17.68
		For >25 To 50, Deduct	*-13.36*	
		For >50 To 100, Deduct	*-27.09*	
		For >100, Deduct	*-40.83*	
10 51 13 00-0057	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	301.65	17.68
		For >25 To 50, Deduct	*-13.82*	
		For >50 To 100, Deduct	*-28.02*	
		For >100, Deduct	*-42.22*	
10 51 13 00-0058	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	314.41	17.68
		For >25 To 50, Deduct	*-14.46*	
		For >50 To 100, Deduct	*-29.29*	
		For >100, Deduct	*-44.13*	
10 51 13 00-0059	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	328.77	17.68
		For >25 To 50, Deduct	*-15.18*	
		For >50 To 100, Deduct	*-30.73*	
		For >100, Deduct	*-46.28*	
10 51 13 00-0060	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	545.07	17.68
		For >25 To 50, Deduct	*-25.99*	
		For >50 To 100, Deduct	*-52.36*	
		For >100, Deduct	*-78.73*	
10 51 13 00-0061		Two Tier, All-Welded Steel Lockers *(10 51 13 00-0045)* Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0062	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	283.55	16.07
		For >25 To 50, Deduct	*-13.03*	
		For >50 To 100, Deduct	*-26.40*	
		For >100, Deduct	*-39.78*	
10 51 13 00-0063	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	289.06	16.07
		For >25 To 50, Deduct	*-13.31*	
		For >50 To 100, Deduct	*-26.96*	
		For >100, Deduct	*-40.61*	
10 51 13 00-0064	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	303.86	16.07
		For >25 To 50, Deduct	*-14.05*	
		For >50 To 100, Deduct	*-28.44*	
		For >100, Deduct	*-42.83*	
10 51 13 00-0065	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	295.06	17.68
		For >25 To 50, Deduct	*-13.49*	
		For >50 To 100, Deduct	*-27.36*	
		For >100, Deduct	*-41.23*	
10 51 13 00-0066	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	315.45	17.68
		For >25 To 50, Deduct	*-14.51*	
		For >50 To 100, Deduct	*-29.40*	
		For >100, Deduct	*-44.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0067	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	326.57	17.68
		For >25 To 50, Deduct	*-15.07*	
		For >50 To 100, Deduct	*-30.51*	
		For >100, Deduct	*-45.95*	
10 51 13 00-0068	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	342.41	17.68
		For >25 To 50, Deduct	*-15.86*	
		For >50 To 100, Deduct	*-32.09*	
		For >100, Deduct	*-48.33*	
10 51 13 00-0069	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	349.87	17.68
		For >25 To 50, Deduct	*-16.23*	
		For >50 To 100, Deduct	*-32.84*	
		For >100, Deduct	*-49.45*	
10 51 13 00-0070	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	371.37	17.68
		For >25 To 50, Deduct	*-17.31*	
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-52.67*	
10 51 13 00-0071	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	388.02	17.68
		For >25 To 50, Deduct	*-18.14*	
		For >50 To 100, Deduct	*-36.65*	
		For >100, Deduct	*-55.17*	

10 51 13 00-0072 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0073	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	352.51	17.68
		For >25 To 50, Deduct	*-16.36*	
		For >50 To 100, Deduct	*-33.10*	
		For >100, Deduct	*-49.85*	
10 51 13 00-0074	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	360.86	17.68
		For >25 To 50, Deduct	*-16.78*	
		For >50 To 100, Deduct	*-33.94*	
		For >100, Deduct	*-51.10*	
10 51 13 00-0075	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	369.16	17.68
		For >25 To 50, Deduct	*-17.20*	
		For >50 To 100, Deduct	*-34.77*	
		For >100, Deduct	*-52.34*	
10 51 13 00-0076	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	388.81	17.68
		For >25 To 50, Deduct	*-18.18*	
		For >50 To 100, Deduct	*-36.73*	
		For >100, Deduct	*-55.29*	
10 51 13 00-0077	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	392.44	17.68
		For >25 To 50, Deduct	*-18.36*	
		For >50 To 100, Deduct	*-37.10*	
		For >100, Deduct	*-55.83*	

10 51 13 00-0078 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0079	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	332.69	17.68
		For >25 To 50, Deduct	*-15.37*	
		For >50 To 100, Deduct	*-31.12*	
		For >100, Deduct	*-46.87*	
10 51 13 00-0080	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	340.58	17.68
		For >25 To 50, Deduct	*-15.77*	
		For >50 To 100, Deduct	*-31.91*	
		For >100, Deduct	*-48.06*	
10 51 13 00-0081	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	348.42	17.68
		For >25 To 50, Deduct	*-16.16*	
		For >50 To 100, Deduct	*-32.69*	
		For >100, Deduct	*-49.23*	
10 51 13 00-0082	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	366.90	17.68
		For >25 To 50, Deduct	*-17.08*	
		For >50 To 100, Deduct	*-34.54*	
		For >100, Deduct	*-52.00*	
10 51 13 00-0083	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	370.27	17.68
		For >25 To 50, Deduct	*-17.25*	
		For >50 To 100, Deduct	*-34.88*	
		For >100, Deduct	*-52.51*	

10 51 13 00-0084 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0085	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	344.96	17.68
		For >25 To 50, Deduct	*-15.99*	
		For >50 To 100, Deduct	*-32.35*	
		For >100, Deduct	*-48.71*	
10 51 13 00-0086	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	356.48	17.68
		For >25 To 50, Deduct	*-16.56*	
		For >50 To 100, Deduct	*-33.50*	
		For >100, Deduct	*-50.44*	
10 51 13 00-0087	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	364.95	17.68
		For >25 To 50, Deduct	*-16.98*	
		For >50 To 100, Deduct	*-34.35*	
		For >100, Deduct	*-51.71*	

10 51 13 00-0088 All Welded Locker Accessories *(10 51 13 00-0044)*

10 51 13 00-0089	EA	ADA Requirements For All Welded Lockers	65.55	
10 51 13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	108.48	3.67
10 51 13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	125.33	3.67
10 51 13 00-0092	EA	Recessed Trim For All Welded Lockers	77.27	3.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0093	EA	Built In Combination Lock For All Welded Lockers	27.02	3.67
10 51 13 00-0094	EA	Pad Lock For All Welded Lockers	22.96	3.67

10 51 13 00-0095 Athletic Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0096 Single Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0097	EA	12" x 15" x 60" Single Tier Athletic Locker	243.20	29.39
		For >25 To 50, Deduct	*-9.22*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-29.43*	
10 51 13 00-0098	EA	12" x 18" x 60" Single Tier Athletic Locker	250.99	29.39
		For >25 To 50, Deduct	*-9.61*	
		For >50 To 100, Deduct	*-20.10*	
		For >100, Deduct	*-30.59*	
10 51 13 00-0099	EA	15" x 15" x 60" Single Tier Athletic Locker	256.00	29.39
		For >25 To 50, Deduct	*-9.86*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-31.35*	
10 51 13 00-0100	EA	15" x 18" x 60" Single Tier Athletic Locker	264.31	29.39
		For >25 To 50, Deduct	*-10.28*	
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-32.59*	
10 51 13 00-0101	EA	18" x 18" x 60" Single Tier Athletic Locker	300.18	29.39
		For >25 To 50, Deduct	*-12.07*	
		For >50 To 100, Deduct	*-25.02*	
		For >100, Deduct	*-37.97*	
10 51 13 00-0102	EA	18" x 21" x 60" Single Tier Athletic Locker	328.69	29.39
		For >25 To 50, Deduct	*-13.50*	
		For >50 To 100, Deduct	*-27.87*	
		For >100, Deduct	*-42.25*	
10 51 13 00-0103	EA	18" x 24" x 60" Single Tier Athletic Locker	348.20	29.39
		For >25 To 50, Deduct	*-14.47*	
		For >50 To 100, Deduct	*-29.82*	
		For >100, Deduct	*-45.18*	
10 51 13 00-0104	EA	12" x 15" x 72" Single Tier Athletic Locker	251.84	29.39
		For >25 To 50, Deduct	*-9.65*	
		For >50 To 100, Deduct	*-20.19*	
		For >100, Deduct	*-30.72*	
10 51 13 00-0105	EA	12" x 18" x 72" Single Tier Athletic Locker	265.87	29.39
		For >25 To 50, Deduct	*-10.35*	
		For >50 To 100, Deduct	*-21.59*	
		For >100, Deduct	*-32.83*	
10 51 13 00-0106	EA	15" x 15" x 72" Single Tier Athletic Locker	270.80	29.39
		For >25 To 50, Deduct	*-10.60*	
		For >50 To 100, Deduct	*-22.08*	
		For >100, Deduct	*-33.57*	
10 51 13 00-0107	EA	15" x 18" x 72" Single Tier Athletic Locker	279.81	29.39
		For >25 To 50, Deduct	*-11.05*	
		For >50 To 100, Deduct	*-22.98*	
		For >100, Deduct	*-34.92*	
10 51 13 00-0108	EA	18" x 18" x 72" Single Tier Athletic Locker	302.02	29.39
		For >25 To 50, Deduct	*-12.16*	
		For >50 To 100, Deduct	*-25.21*	
		For >100, Deduct	*-38.25*	
10 51 13 00-0109	EA	18" x 21" x 72" Single Tier Athletic Locker	325.29	29.39
		For >25 To 50, Deduct	*-13.33*	
		For >50 To 100, Deduct	*-27.53*	
		For >100, Deduct	*-41.74*	

10 51 13 00-0110 Two Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0111	EA	12" x 12" x 60" Two Tier Athletic Locker	271.04	30.30
		For >25 To 50, Deduct	*-10.52*	
		For >50 To 100, Deduct	*-21.95*	
		For >100, Deduct	*-33.38*	
10 51 13 00-0112	EA	12" x 15" x 60" Two Tier Athletic Locker	279.33	30.30
		For >25 To 50, Deduct	*-10.94*	
		For >50 To 100, Deduct	*-22.78*	
		For >100, Deduct	*-34.63*	
10 51 13 00-0113	EA	12" x 18" x 60" Two Tier Athletic Locker	288.66	30.30
		For >25 To 50, Deduct	*-11.40*	
		For >50 To 100, Deduct	*-23.71*	
		For >100, Deduct	*-36.03*	
10 51 13 00-0114	EA	15" x 15" x 60" Two Tier Athletic Locker	289.57	30.30
		For >25 To 50, Deduct	*-11.45*	
		For >50 To 100, Deduct	*-23.81*	
		For >100, Deduct	*-36.16*	
10 51 13 00-0115	EA	15" x 18" x 60" Two Tier Athletic Locker	291.51	30.30
		For >25 To 50, Deduct	*-11.55*	
		For >50 To 100, Deduct	*-24.00*	
		For >100, Deduct	*-36.45*	
10 51 13 00-0116	EA	18" x 18" x 60" Two Tier Athletic Locker	307.91	30.30
		For >25 To 50, Deduct	*-12.37*	
		For >50 To 100, Deduct	*-25.64*	
		For >100, Deduct	*-38.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0117	EA	18" x 21" x 60" Two Tier Athletic Locker	319.92	30.30
		For >25 To 50, Deduct	*-12.97*	
		For >50 To 100, Deduct	*-26.84*	
		For >100, Deduct	*-40.71*	
10 51 13 00-0118	EA	18" x 24" x 60" Two Tier Athletic Locker	373.55	30.30
		For >25 To 50, Deduct	*-15.65*	
		For >50 To 100, Deduct	*-32.20*	
		For >100, Deduct	*-48.76*	
10 51 13 00-0119	EA	12" x 12" x 72" Two Tier Athletic Locker	280.01	30.30
		For >25 To 50, Deduct	*-10.97*	
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-34.73*	
10 51 13 00-0120	EA	12" x 15" x 72" Two Tier Athletic Locker	288.50	30.30
		For >25 To 50, Deduct	*-11.39*	
		For >50 To 100, Deduct	*-23.70*	
		For >100, Deduct	*-36.00*	
10 51 13 00-0121	EA	12" x 18" x 72" Two Tier Athletic Locker	300.08	30.30
		For >25 To 50, Deduct	*-11.97*	
		For >50 To 100, Deduct	*-24.86*	
		For >100, Deduct	*-37.74*	
10 51 13 00-0122	EA	15" x 15" x 72" Two Tier Athletic Locker	301.83	30.30
		For >25 To 50, Deduct	*-12.06*	
		For >50 To 100, Deduct	*-25.03*	
		For >100, Deduct	*-38.00*	
10 51 13 00-0123	EA	15" x 18" x 72" Two Tier Athletic Locker	311.35	30.30
		For >25 To 50, Deduct	*-12.54*	
		For >50 To 100, Deduct	*-25.98*	
		For >100, Deduct	*-39.43*	
10 51 13 00-0124	EA	18" x 18" x 72" Two Tier Athletic Locker	323.03	30.30
		For >25 To 50, Deduct	*-13.12*	
		For >50 To 100, Deduct	*-27.15*	
		For >100, Deduct	*-41.18*	
10 51 13 00-0125	EA	18" x 21" x 72" Two Tier Athletic Locker	349.26	30.30
		For >25 To 50, Deduct	*-14.43*	
		For >50 To 100, Deduct	*-29.77*	
		For >100, Deduct	*-45.12*	

10 51 13 00-0126 Three Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one double hook per tier.

10 51 13 00-0127	EA	12" x 12" x 60" Three Tier Athletic Locker	292.84	31.22
		For >25 To 50, Deduct	*-11.52*	
		For >50 To 100, Deduct	*-23.98*	
		For >100, Deduct	*-36.43*	
10 51 13 00-0128	EA	12" x 15" x 60" Three Tier Athletic Locker	306.28	31.22
		For >25 To 50, Deduct	*-12.19*	
		For >50 To 100, Deduct	*-25.32*	
		For >100, Deduct	*-38.45*	
10 51 13 00-0129	EA	12" x 18" x 60" Three Tier Athletic Locker	318.16	31.22
		For >25 To 50, Deduct	*-12.79*	
		For >50 To 100, Deduct	*-26.51*	
		For >100, Deduct	*-40.23*	
10 51 13 00-0130	EA	15" x 15" x 60" Three Tier Athletic Locker	326.23	31.22
		For >25 To 50, Deduct	*-13.19*	
		For >50 To 100, Deduct	*-27.31*	
		For >100, Deduct	*-41.44*	
10 51 13 00-0131	EA	15" x 18" x 60" Three Tier Athletic Locker	339.66	31.22
		For >25 To 50, Deduct	*-13.86*	
		For >50 To 100, Deduct	*-28.66*	
		For >100, Deduct	*-43.46*	
10 51 13 00-0132	EA	12" x 12" x 72" Three Tier Athletic Locker	308.15	31.22
		For >25 To 50, Deduct	*-12.29*	
		For >50 To 100, Deduct	*-25.51*	
		For >100, Deduct	*-38.73*	
10 51 13 00-0133	EA	12" x 15" x 72" Three Tier Athletic Locker	320.29	31.22
		For >25 To 50, Deduct	*-12.89*	
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-40.55*	
10 51 13 00-0134	EA	12" x 18" x 72" Three Tier Athletic Locker	337.03	31.22
		For >25 To 50, Deduct	*-13.73*	
		For >50 To 100, Deduct	*-28.39*	
		For >100, Deduct	*-43.06*	
10 51 13 00-0135	EA	15" x 15" x 72" Three Tier Athletic Locker	345.60	31.22
		For >25 To 50, Deduct	*-14.16*	
		For >50 To 100, Deduct	*-29.25*	
		For >100, Deduct	*-44.35*	
10 51 13 00-0136	EA	15" x 18" x 72" Three Tier Athletic Locker	358.46	31.22
		For >25 To 50, Deduct	*-14.80*	
		For >50 To 100, Deduct	*-30.54*	
		For >100, Deduct	*-46.28*	

10 51 13 00-0137 Four Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0138	EA	12" x 12" x 60" Four Tier Athletic Locker	271.77	32.15
		For >25 To 50, Deduct	*-10.37*	
		For >50 To 100, Deduct	*-21.71*	
		For >100, Deduct	*-33.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0139	EA	12" x 15" x 60" Four Tier Athletic Locker	288.22	32.15
		For >25 To 50, Deduct	*-11.20*	
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-35.52*	
10 51 13 00-0140	EA	12" x 18" x 60" Four Tier Athletic Locker	304.68	32.15
		For >25 To 50, Deduct	*-12.02*	
		For >50 To 100, Deduct	*-25.00*	
		For >100, Deduct	*-37.99*	
10 51 13 00-0141	EA	15" x 15" x 60" Four Tier Athletic Locker	311.40	32.15
		For >25 To 50, Deduct	*-12.36*	
		For >50 To 100, Deduct	*-25.68*	
		For >100, Deduct	*-39.00*	
10 51 13 00-0142	EA	15" x 18" x 60" Four Tier Athletic Locker	338.43	32.15
		For >25 To 50, Deduct	*-13.71*	
		For >50 To 100, Deduct	*-28.38*	
		For >100, Deduct	*-43.05*	
10 51 13 00-0143	EA	12" x 12" x 72" Four Tier Athletic Locker	288.51	32.15
		For >25 To 50, Deduct	*-11.21*	
		For >50 To 100, Deduct	*-23.39*	
		For >100, Deduct	*-35.56*	
10 51 13 00-0144	EA	12" x 15" x 72" Four Tier Athletic Locker	305.20	32.15
		For >25 To 50, Deduct	*-12.05*	
		For >50 To 100, Deduct	*-25.06*	
		For >100, Deduct	*-38.07*	
10 51 13 00-0145	EA	12" x 18" x 72" Four Tier Athletic Locker	321.89	32.15
		For >25 To 50, Deduct	*-12.88*	
		For >50 To 100, Deduct	*-26.72*	
		For >100, Deduct	*-40.57*	
10 51 13 00-0146	EA	15" x 15" x 72" Four Tier Athletic Locker	330.44	32.15
		For >25 To 50, Deduct	*-13.31*	
		For >50 To 100, Deduct	*-27.58*	
		For >100, Deduct	*-41.85*	
10 51 13 00-0147	EA	15" x 18" x 72" Four Tier Athletic Locker	336.85	32.15
		For >25 To 50, Deduct	*-13.63*	
		For >50 To 100, Deduct	*-28.22*	
		For >100, Deduct	*-42.81*	

10 51 13 00-0148 Six Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0149	EA	12" x 12" x 72" Six Tier Athletic Locker	318.41	33.06
		For >25 To 50, Deduct	*-12.61*	
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-39.83*	
10 51 13 00-0150	EA	12" x 15" x 72" Six Tier Athletic Locker	331.24	33.06
		For >25 To 50, Deduct	*-13.26*	
		For >50 To 100, Deduct	*-27.50*	
		For >100, Deduct	*-41.75*	
10 51 13 00-0151	EA	12" x 18" x 72" Six Tier Athletic Locker	344.03	33.06
		For >25 To 50, Deduct	*-13.90*	
		For >50 To 100, Deduct	*-28.78*	
		For >100, Deduct	*-43.67*	
10 51 13 00-0152	EA	12" x 21" x 72" Six Tier Athletic Locker	390.75	33.06
		For >25 To 50, Deduct	*-16.23*	
		For >50 To 100, Deduct	*-33.45*	
		For >100, Deduct	*-50.68*	

10 51 13 00-0153 Metal Locker Accessories *(10 51 13)*

10 51 13 00-0154 Locker Slope Tops *(10 51 13 00-0153)*

10 51 13 00-0155 16 Gauge Continuous Sloping Hood *(10 51 13 00-0154)*

10 51 13 00-0156	LF	12" Deep, 16 Gauge Continuous Slope Top	21.02	3.67
10 51 13 00-0157	LF	15" Deep, 16 Gauge Continuous Slope Top	18.10	3.67
10 51 13 00-0158	LF	18" Deep, 16 Gauge Continuous Slope Top	24.01	3.67
10 51 13 00-0159	LF	21" Deep, 16 Gauge Continuous Slope Top	26.28	3.67
10 51 13 00-0160	LF	24" Deep, 16 Gauge Continuous Slope Top	27.35	3.67

10 51 13 00-0161 16 Gauge Slope Top Corner Fillers *(10 51 13 00-0154)*

10 51 13 00-0162	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	79.65	3.67
10 51 13 00-0163	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	81.31	3.67
10 51 13 00-0164	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	82.95	3.67
10 51 13 00-0165	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	84.95	3.67
10 51 13 00-0166	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	86.93	3.67

10 51 13 00-0167 20 Gauge Individual Slope Top *(10 51 13 00-0154)*

10 51 13 00-0168	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	18.39	3.67
10 51 13 00-0169	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	18.28	3.67
10 51 13 00-0170	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	20.08	3.67
10 51 13 00-0171	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	20.08	3.67
10 51 13 00-0172	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	20.51	3.67
10 51 13 00-0173	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	22.21	3.67
10 51 13 00-0174	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	22.21	3.67
10 51 13 00-0175	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	24.44	3.67
10 51 13 00-0176	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	27.10	3.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0177		**Continuous Slope Top End Closures** *(10 51 13 00-0154)*		
10 51 13 00-0178	PR	12" Deep, Continuous Slope Top End Closures	19.45	3.67
10 51 13 00-0179	PR	15" Deep, Continuous Slope Top End Closures	16.88	3.67
10 51 13 00-0180	PR	18" Deep, Continuous Slope Top End Closures	21.57	3.67
10 51 13 00-0181	PR	21" Deep, Continuous Slope Top End Closures	22.63	3.67
10 51 13 00-0182	PR	24" Deep, Continuous Slope Top End Closures	23.36	3.67
10 51 13 00-0183		**Individual Slope Top End Closures** *(10 51 13 00-0154)*		
10 51 13 00-0184	EA	12" Deep, Individual Slope Top End Closures	13.40	3.67
10 51 13 00-0185	EA	15" Deep, Individual Slope Top End Closures	13.73	3.67
10 51 13 00-0186	EA	18" Deep, Individual Slope Top End Closures	14.47	3.67
10 51 13 00-0187	EA	21" Deep, Individual Slope Top End Closures	14.98	3.67
10 51 13 00-0188	EA	24" Deep, Individual Slope Top End Closures	20.22	3.67
10 51 13 00-0189		**Locker Base** *(10 51 13 00-0153)*		
10 51 13 00-0190		**Closed Front Base** *(10 51 13 00-0189)*		
10 51 13 00-0191	EA	12" Wide, 6" High Closed Front Base	13.97	3.67
10 51 13 00-0192	EA	15" Wide, 6" High Closed Front Base	14.52	3.67
10 51 13 00-0193	EA	18" Wide, 6" High Closed Front Base	15.68	3.67
10 51 13 00-0194	EA	24" Wide, 6" High Closed Front Base	16.23	3.67
10 51 13 00-0195		**Closed End Base** *(10 51 13 00-0189)*		
10 51 13 00-0196	EA	12" Deep, 6" High Closed End Base	15.51	3.67
10 51 13 00-0197	EA	15" Deep, 6" High Closed End Base	15.60	3.67
10 51 13 00-0198	EA	18" Deep, 6" High Closed End Base	16.35	3.67
10 51 13 00-0199	EA	21" Deep, 6" High Closed End Base	17.09	3.67
10 51 13 00-0200	EA	24" Deep, 6" High Closed End Base	18.09	3.67
10 51 13 00-0201		**Recessed Continuous Front "Z" Base** *(10 51 13 00-0189)*		
10 51 13 00-0202	LF	4" High Recessed Continuous Front "Z" Base	15.58	2.76
10 51 13 00-0203		**"Z" Base Ends Or Splice** *(10 51 13 00-0189)*		
10 51 13 00-0204	EA	12" Wide, 4" High Z-Base Ends Or Splice	16.10	3.67
10 51 13 00-0205	EA	15" Wide, 4" High Z-Base Ends Or Splice	18.28	3.67
10 51 13 00-0206	EA	18" Wide, 4" High Z-Base Ends Or Splice	20.51	3.67
10 51 13 00-0207	EA	21" Wide, 4" High Z-Base Ends Or Splice	22.85	3.67
10 51 13 00-0208	EA	24" Wide, 4" High Z-Base Ends Or Splice	25.18	3.67
10 51 13 00-0209		**Locker Front Fillers And End Panels** *(10 51 13 00-0153)*		
10 51 13 00-0210		**Locker Front Fillers** *(10 51 13 00-0209)*		
10 51 13 00-0211	EA	6" Wide x 48" High, 16 Gauge Front Filler	20.85	4.59
10 51 13 00-0212	EA	12" Wide x 48" High, 16 Gauge Front Filler	31.99	4.59
10 51 13 00-0213	EA	6" Wide x 60" High, 16 Gauge Front Filler	25.43	4.59
10 51 13 00-0214	EA	12" Wide x 60" High, 16 Gauge Front Filler	37.70	4.59
10 51 13 00-0215	EA	6" Wide x 66" High, 16 Gauge Front Filler	27.43	4.59
10 51 13 00-0216	EA	12" Wide x 66" High, 16 Gauge Front Filler	30.46	4.59
10 51 13 00-0217	EA	6" Wide x 72" High, 16 Gauge Front Filler	29.75	4.59
10 51 13 00-0218	EA	12" Wide x 72" High, 16 Gauge Front Filler	41.01	4.59
10 51 13 00-0219	EA	6" Wide x 78" High, 16 Gauge Front Filler	30.39	4.59
10 51 13 00-0220	EA	12" Wide x 78" High, 16 Gauge Front Filler	34.94	4.59
10 51 13 00-0221		**Locker End Panels** *(10 51 13 00-0209)*		
10 51 13 00-0222	EA	12" Deep x 48" High, 16 Gauge End Panel	31.91	3.67
10 51 13 00-0223	EA	15" Deep x 48" High, 16 Gauge End Panel	38.46	3.67
10 51 13 00-0224	EA	18" Deep x 48" High, 16 Gauge End Panel	44.77	3.67
10 51 13 00-0225	EA	12" Deep x 60" High, 16 Gauge End Panel	37.28	3.67
10 51 13 00-0226	EA	15" Deep x 60" High, 16 Gauge End Panel	41.98	3.67
10 51 13 00-0227	EA	18" Deep x 60" High, 16 Gauge End Panel	49.38	3.67
10 51 13 00-0228	EA	12" Deep x 72" High, 16 Gauge End Panel	43.53	3.67
10 51 13 00-0229	EA	15" Deep x 72" High, 16 Gauge End Panel	49.25	3.67
10 51 13 00-0230	EA	18" Deep x 72" High, 16 Gauge End Panel	56.86	3.67
10 51 13 00-0231	EA	21" Deep x 72" High, 16 Gauge End Panel	65.12	3.67
10 51 13 00-0232		**Locker Recessed Trim** *(10 51 13 00-0153)*		
10 51 13 00-0233	LF	3" Height, Top Trim For Recessed Lockers	7.23	1.84
10 51 13 00-0234	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	19.11	3.67
10 51 13 00-0235	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	27.93	3.67
10 51 13 00-0236	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	28.86	3.67
10 51 13 00-0237	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	29.79	3.67
10 51 13 00-0238	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	30.60	3.67
10 51 13 00-0239		**Locker Interior Accessories** *(10 51 13 00-0153)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0240		**Locker Coat Rods** *(10 51 13 00-0239)*		
10 51 13 00-0241	EA	12" Wide Coat Rod	11.35	3.67
10 51 13 00-0242	EA	15" Wide Coat Rod	12.22	3.67
10 51 13 00-0243	EA	18" Wide Coat Rod	12.99	3.67
10 51 13 00-0244	EA	24" Wide Coat Rod	13.67	3.67
10 51 13 00-0245		**Locker Hat Shelf** *(10 51 13 00-0239)*		
10 51 13 00-0246	EA	12" Wide Hat Shelf	13.18	3.67
10 51 13 00-0247	EA	15" Wide Hat Shelf	15.05	3.67
10 51 13 00-0248	EA	18" Wide Hat Shelf	15.84	3.67
10 51 13 00-0249	EA	24" Wide Hat Shelf	18.96	3.67
10 51 13 00-0250		**Locker ADA Compliant Shelf** *(10 51 13 00-0239)*		
10 51 13 00-0251	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	24.34	4.59
10 51 13 00-0252		**Other Interior Locker Accessories** *(10 51 13 00-0239)*		
10 51 13 00-0253	EA	3" x 10" Bent Plate Shoe Rack	30.67	3.67
10 51 13 00-0254	EA	8" x 10" Mirror	24.84	3.67
10 51 13 00-0255	EA	Additional Hook	8.81	3.67
10 51 13 00-0256		**Locker Locks** *(10 51 13 00-0153)*		
10 51 13 00-0257	EA	Built In Combination Lock	27.02	3.67
10 51 13 00-0258		**Locker Repair And Refinishing** *(10 51 13)*		
10 51 13 00-0259	EA	Replace Single Tier Locker Door	238.36	
10 51 13 00-0260	EA	Replace Two Tier Locker Door	187.93	
10 51 13 00-0261	EA	Replace Three Tier Locker Door	162.32	
10 51 13 00-0262	EA	Replace Four Tier Locker Door	138.13	
10 51 13 00-0263	EA	Replace Six Tier Or Sixteen Person Locker Door	82.54	
10 51 13 00-0264	EA	Realign Metal Locker Door For Proper Closure	34.01	
10 51 13 00-0265	SF	Patch Small Drill Holes in Locker	6.80	
10 51 26		**Plastic Lockers** *(10 51)*		
10 51 26 00-0001		**Solid Plastic Lockers** *(10 51 26)* Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002		**Single Tier Solid Plastic Lockers** *(10 51 26 00-0001)* Note: Includes one double hook per tier.		
10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	298.15	28.47
		For >50 To 100, Deduct	*-24.12*	
		For >100, Deduct	*-37.89*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	302.99	28.47
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-38.62*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	307.83	28.47
		For >50 To 100, Deduct	*-25.09*	
		For >100, Deduct	*-39.34*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	315.08	28.47
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-40.43*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	307.41	28.47
		For >50 To 100, Deduct	*-25.05*	
		For >100, Deduct	*-39.28*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	309.44	28.47
		For >50 To 100, Deduct	*-25.25*	
		For >100, Deduct	*-39.58*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	305.86	28.47
		For >50 To 100, Deduct	*-24.89*	
		For >100, Deduct	*-39.05*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	325.84	28.47
		For >50 To 100, Deduct	*-26.89*	
		For >100, Deduct	*-42.04*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	321.24	28.47
		For >50 To 100, Deduct	*-26.43*	
		For >100, Deduct	*-41.35*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	326.61	28.47
		For >50 To 100, Deduct	*-26.97*	
		For >100, Deduct	*-42.16*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	331.99	28.47
		For >50 To 100, Deduct	*-27.51*	
		For >100, Deduct	*-42.97*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	344.28	28.47
		For >50 To 100, Deduct	*-28.73*	
		For >100, Deduct	*-44.81*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	361.19	28.47
		For >50 To 100, Deduct	*-30.43*	
		For >100, Deduct	*-47.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	345.82	28.47
		For >50 To 100, Deduct	*-28.89*	
		For >100, Deduct	*-45.04*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	373.47	28.47
		For >50 To 100, Deduct	*-31.65*	
		For >100, Deduct	*-49.19*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	323.38	28.47
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-41.67*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	339.14	28.47
		For >50 To 100, Deduct	*-28.22*	
		For >100, Deduct	*-44.04*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	354.91	28.47
		For >50 To 100, Deduct	*-29.80*	
		For >100, Deduct	*-46.40*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	343.36	28.47
		For >50 To 100, Deduct	*-28.64*	
		For >100, Deduct	*-44.67*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	360.06	28.47
		For >50 To 100, Deduct	*-30.31*	
		For >100, Deduct	*-47.18*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	376.78	28.47
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-49.68*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	363.34	28.47
		For >50 To 100, Deduct	*-30.64*	
		For >100, Deduct	*-47.67*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	381.00	28.47
		For >50 To 100, Deduct	*-32.41*	
		For >100, Deduct	*-50.32*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	367.08	29.39
		For >50 To 100, Deduct	*-30.83*	
		For >100, Deduct	*-48.01*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	384.75	29.39
		For >50 To 100, Deduct	*-32.60*	
		For >100, Deduct	*-50.66*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	402.40	29.39
		For >50 To 100, Deduct	*-34.36*	
		For >100, Deduct	*-53.31*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	390.01	29.39
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-51.45*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	408.65	29.39
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-54.24*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	427.27	29.39
		For >50 To 100, Deduct	*-36.85*	
		For >100, Deduct	*-57.04*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	408.29	29.39
		For >50 To 100, Deduct	*-34.95*	
		For >100, Deduct	*-54.19*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	432.53	29.39
		For >50 To 100, Deduct	*-37.38*	
		For >100, Deduct	*-57.83*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	452.10	29.39
		For >50 To 100, Deduct	*-39.33*	
		For >100, Deduct	*-60.76*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	332.29	29.39
		For >50 To 100, Deduct	*-27.35*	
		For >100, Deduct	*-42.79*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	336.90	29.39
		For >50 To 100, Deduct	*-27.81*	
		For >100, Deduct	*-43.48*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	343.81	29.39
		For >50 To 100, Deduct	*-28.50*	
		For >100, Deduct	*-44.52*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	341.51	29.39
		For >50 To 100, Deduct	*-28.27*	
		For >100, Deduct	*-44.17*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	353.81	29.39
		For >50 To 100, Deduct	*-29.50*	
		For >100, Deduct	*-46.02*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	383.00	29.39
		For >50 To 100, Deduct	*-32.42*	
		For >100, Deduct	*-50.40*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	344.59	29.39
		For >50 To 100, Deduct	*-28.58*	
		For >100, Deduct	*-44.63*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	359.46	29.39
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-46.87*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	386.08	29.39
		For >50 To 100, Deduct	*-32.73*	
		For >100, Deduct	*-50.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	342.87	29.39
		For >50 To 100, Deduct	*-28.41*	
		For >100, Deduct	*-44.38*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	366.93	29.39
		For >50 To 100, Deduct	*-30.82*	
		For >100, Deduct	*-47.99*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	373.81	29.39
		For >50 To 100, Deduct	*-31.50*	
		For >100, Deduct	*-49.02*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	370.96	29.39
		For >50 To 100, Deduct	*-31.22*	
		For >100, Deduct	*-48.59*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	386.90	29.39
		For >50 To 100, Deduct	*-32.81*	
		For >100, Deduct	*-50.98*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	390.02	29.39
		For >50 To 100, Deduct	*-33.12*	
		For >100, Deduct	*-51.45*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	406.89	29.39
		For >50 To 100, Deduct	*-34.81*	
		For >100, Deduct	*-53.98*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	423.75	29.39
		For >50 To 100, Deduct	*-36.50*	
		For >100, Deduct	*-56.51*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	393.67	30.30
		For >50 To 100, Deduct	*-33.31*	
		For >100, Deduct	*-51.78*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	410.53	30.30
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-54.31*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	419.32	30.30
		For >50 To 100, Deduct	*-35.87*	
		For >100, Deduct	*-55.62*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	415.56	30.30
		For >50 To 100, Deduct	*-35.50*	
		For >100, Deduct	*-55.06*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	433.35	30.30
		For >50 To 100, Deduct	*-37.27*	
		For >100, Deduct	*-57.73*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	451.13	30.30
		For >50 To 100, Deduct	*-39.05*	
		For >100, Deduct	*-60.40*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	418.74	30.30
		For >50 To 100, Deduct	*-35.81*	
		For >100, Deduct	*-55.54*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	456.15	30.30
		For >50 To 100, Deduct	*-39.55*	
		For >100, Deduct	*-61.15*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	474.82	30.30
		For >50 To 100, Deduct	*-41.42*	
		For >100, Deduct	*-63.95*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	328.36	30.30
		For >50 To 100, Deduct	*-26.78*	
		For >100, Deduct	*-41.98*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	341.01	30.30
		For >50 To 100, Deduct	*-28.04*	
		For >100, Deduct	*-43.88*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	352.61	30.30
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-45.62*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	354.86	30.30
		For >50 To 100, Deduct	*-29.43*	
		For >100, Deduct	*-45.96*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	381.90	30.30
		For >50 To 100, Deduct	*-32.13*	
		For >100, Deduct	*-50.01*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	382.03	30.30
		For >50 To 100, Deduct	*-32.14*	
		For >100, Deduct	*-50.03*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	396.78	30.30
		For >50 To 100, Deduct	*-33.62*	
		For >100, Deduct	*-52.24*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	411.59	30.30
		For >50 To 100, Deduct	*-35.10*	
		For >100, Deduct	*-54.47*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	426.40	30.30
		For >50 To 100, Deduct	*-36.58*	
		For >100, Deduct	*-56.69*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	414.49	30.30
		For >50 To 100, Deduct	*-35.39*	
		For >100, Deduct	*-54.90*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	430.15	30.30
		For >50 To 100, Deduct	*-36.95*	
		For >100, Deduct	*-57.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	445.80	30.30
		For >50 To 100, Deduct	*-38.52*	
		For >100, Deduct	*-59.60*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	418.01	31.22
		For >50 To 100, Deduct	*-35.56*	
		For >100, Deduct	*-55.21*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	433.68	31.22
		For >50 To 100, Deduct	*-37.12*	
		For >100, Deduct	*-57.56*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	444.67	31.22
		For >50 To 100, Deduct	*-38.22*	
		For >100, Deduct	*-59.21*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	438.34	31.22
		For >50 To 100, Deduct	*-37.59*	
		For >100, Deduct	*-58.26*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	443.31	31.22
		For >50 To 100, Deduct	*-38.09*	
		For >100, Deduct	*-59.00*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	461.20	31.22
		For >50 To 100, Deduct	*-39.88*	
		For >100, Deduct	*-61.69*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	431.23	31.22
		For >50 To 100, Deduct	*-36.88*	
		For >100, Deduct	*-57.19*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	467.61	31.22
		For >50 To 100, Deduct	*-40.52*	
		For >100, Deduct	*-62.65*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	493.37	31.22
		For >50 To 100, Deduct	*-43.09*	
		For >100, Deduct	*-66.51*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	378.22	31.22
		For >50 To 100, Deduct	*-31.58*	
		For >100, Deduct	*-49.24*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	388.49	31.22
		For >50 To 100, Deduct	*-32.60*	
		For >100, Deduct	*-50.78*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	407.42	31.22
		For >50 To 100, Deduct	*-34.50*	
		For >100, Deduct	*-53.62*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	405.11	31.22
		For >50 To 100, Deduct	*-34.27*	
		For >100, Deduct	*-53.27*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	429.63	31.22
		For >50 To 100, Deduct	*-36.72*	
		For >100, Deduct	*-56.95*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	437.37	31.22
		For >50 To 100, Deduct	*-37.49*	
		For >100, Deduct	*-58.11*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	433.53	31.22
		For >50 To 100, Deduct	*-37.11*	
		For >100, Deduct	*-57.54*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	446.59	31.22
		For >50 To 100, Deduct	*-38.41*	
		For >100, Deduct	*-59.49*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	484.25	31.22
		For >50 To 100, Deduct	*-42.18*	
		For >100, Deduct	*-65.14*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	432.26	32.15
		For >50 To 100, Deduct	*-36.80*	
		For >100, Deduct	*-57.12*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	450.47	32.15
		For >50 To 100, Deduct	*-38.62*	
		For >100, Deduct	*-59.86*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	452.84	32.15
		For >50 To 100, Deduct	*-38.86*	
		For >100, Deduct	*-60.21*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	475.79	32.15
		For >50 To 100, Deduct	*-41.15*	
		For >100, Deduct	*-63.65*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	454.55	32.15
		For >50 To 100, Deduct	*-39.03*	
		For >100, Deduct	*-60.47*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	473.79	32.15
		For >50 To 100, Deduct	*-40.95*	
		For >100, Deduct	*-63.35*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	453.82	32.15
		For >50 To 100, Deduct	*-38.95*	
		For >100, Deduct	*-60.36*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	476.87	32.15
		For >50 To 100, Deduct	*-41.26*	
		For >100, Deduct	*-63.82*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	511.40	32.15
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-69.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0103		**Five Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	409.44	31.68
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-53.81*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	422.15	31.68
		For >50 To 100, Deduct	*-35.88*	
		For >100, Deduct	*-55.72*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	434.87	31.68
		For >50 To 100, Deduct	*-37.15*	
		For >100, Deduct	*-57.63*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	426.77	31.68
		For >50 To 100, Deduct	*-36.34*	
		For >100, Deduct	*-56.41*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	449.55	31.68
		For >50 To 100, Deduct	*-38.62*	
		For >100, Deduct	*-59.83*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	460.57	31.68
		For >50 To 100, Deduct	*-39.72*	
		For >100, Deduct	*-61.48*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	456.73	31.68
		For >50 To 100, Deduct	*-39.34*	
		For >100, Deduct	*-60.91*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	469.03	31.68
		For >50 To 100, Deduct	*-40.57*	
		For >100, Deduct	*-62.75*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	508.98	31.68
		For >50 To 100, Deduct	*-44.56*	
		For >100, Deduct	*-68.74*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	445.05	32.60
		For >50 To 100, Deduct	*-37.98*	
		For >100, Deduct	*-58.93*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	459.31	32.60
		For >50 To 100, Deduct	*-39.41*	
		For >100, Deduct	*-61.07*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	473.55	32.60
		For >50 To 100, Deduct	*-40.83*	
		For >100, Deduct	*-63.21*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	468.57	32.60
		For >50 To 100, Deduct	*-40.34*	
		For >100, Deduct	*-62.46*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	478.59	32.60
		For >50 To 100, Deduct	*-41.34*	
		For >100, Deduct	*-63.96*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	493.61	32.60
		For >50 To 100, Deduct	*-42.84*	
		For >100, Deduct	*-66.22*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	482.07	32.60
		For >50 To 100, Deduct	*-41.69*	
		For >100, Deduct	*-64.49*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	499.29	32.60
		For >50 To 100, Deduct	*-43.41*	
		For >100, Deduct	*-67.07*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	519.27	32.60
		For >50 To 100, Deduct	*-45.41*	
		For >100, Deduct	*-70.07*	
10 51 26 00-0122		**Six Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	468.47	32.15
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-62.56*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	461.00	33.06
		For >50 To 100, Deduct	*-39.49*	
		For >100, Deduct	*-61.22*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	475.24	33.06
		For >50 To 100, Deduct	*-40.91*	
		For >100, Deduct	*-63.35*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	484.74	33.06
		For >50 To 100, Deduct	*-41.86*	
		For >100, Deduct	*-64.78*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	503.73	33.06
		For >50 To 100, Deduct	*-43.76*	
		For >100, Deduct	*-67.63*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	509.27	33.06
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-68.46*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	513.23	33.06
		For >50 To 100, Deduct	*-44.71*	
		For >100, Deduct	*-69.05*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	514.81	33.06
		For >50 To 100, Deduct	*-44.87*	
		For >100, Deduct	*-69.29*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	532.22	33.06
		For >50 To 100, Deduct	*-46.61*	
		For >100, Deduct	*-71.90*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	555.17	33.06
		For >50 To 100, Deduct	*-48.91*	
		For >100, Deduct	*-75.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0133		Solid Plastic Locker Accessories *(10 51 26 00-0001)*		
10 51 26 00-0134		Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	23.79	
10 51 26 00-0136		Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	25.84	
10 51 26 00-0138		End Panels For Solid Plastic Lockers *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	55.64	
10 51 26 00-0140		Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)* Note: Price per frame.		
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	20.55	
10 51 26 00-0142		Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*		
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	64.05	
10 51 26 00-0144		Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*		
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	5.13	
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	15.41	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	20.55	
10 51 53		**Locker Room Benches** *(10 51)*		
10 51 53 00-0001	LF	Hardwood Bench With Aluminum Pedestals	65.98	4.59
10 51 53 00-0002	LF	Hardwood Bench With Painted Steel Pedestals	53.11	4.59
10 51 53 00-0003	LF	Plastic Laminated Bench With Steel Pedestals	79.97	4.59
10 51 53 00-0004	LF	Solid Plastic Bench With Steel Pedestals	76.52	4.59
10 51 53 00-0005	LF	Aluminum Bench With Aluminum Pedestals	59.94	4.59
10 56		**Storage Assemblies** *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 16		**Post-And-Shelf Metal Storage Shelving** *(10 56 13)*		
10 56 13 16-0001		Baked Enamel Steel Shelving *(10 56 13 16)*		
10 56 13 16-0002		7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*		
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	88.86	16.84
		For >75" To 87" High, Add	*7.40*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	89.56	17.69
		For >75" To 87" High, Add	*7.38*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	87.27	19.37
		For >75" To 87" High, Add	*7.02*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	108.77	21.05
		For >75" To 87" High, Add	*9.05*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	121.37	21.90
		For >75" To 87" High, Add	*10.19*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	118.11	23.58
		For >75" To 87" High, Add	*9.75*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	130.62	25.26
		For >75" To 87" High, Add	*10.87*	
10 56 13 16-0010		3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)* Note: Adjustable shelves.		
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	61.80	8.59
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	61.50	9.18
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	68.79	9.77
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	71.65	10.36
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	82.08	11.03
10 56 13 16-0016		4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	74.07	16.84
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	62.12	17.69
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	70.80	19.37
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	74.68	21.05
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	84.67	21.90

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 56 16 Fabricated Wood Storage Shelving *(10 56)*

10 56 16 00-0001 Shelving *(10 56 16)*

10 56 16 00-0002 Built-In Wood Shelving *(10 56 16 00-0001)*

Note: Priced by shelf area. Includes hardware and trim.

10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	15.99	2.31
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	17.22	2.78
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	17.37	4.63
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)*

10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	13.83	5.55
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	15.06	5.93
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	16.44	6.38
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	20.66	

10 56 16 00-0011 Plywood Shelf With Edge Band *(10 56 16 00-0001)*

10 56 16 00-0012	LF	3/4" Plywood Shelf, 12" Wide With Edge Band	15.80	5.55
10 56 16 00-0013	LF	3/4" Plywood Shelf, 24" Wide With Edge Band	23.08	6.94

10 56 16 00-0014 Adjustable Shelf And Rod *(10 56 16 00-0001)*

10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Including Rod	114.54	20.82
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Including Rod	137.99	27.76

10 56 16 00-0017 Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)*

10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	14.35	5.55
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	15.53	5.93
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	48.70	9.25

10 56 16 00-0021 Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)*

10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	15.57	8.70

10 56 17 Wall-Mounted Standards and Shelving *(10 56)*

10 56 17 00-0001 Galvanized Steel, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	52.28	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	53.92	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	57.71	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	62.61	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	63.83	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	74.33	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

10 56 17 00-0008 304 Stainless Steel, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	82.06	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	89.49	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	96.96	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	114.13	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	124.30	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	138.98	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

10 56 17 00-0015 Laminated Particleboard, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	36.82	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	37.93	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	39.26	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	41.21	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	43.56	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	49.89	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

10 56 17 00-0022 Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	51.24	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	56.97	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

10 56 17 00-0025 Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	113.44	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	117.82	9.18
		For Installation On Concrete Walls, Add	*2.33*	
		For Installation On Concrete Block Walls, Add	*2.81*	

10 56 17 00-0028 Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	41.10	9.18
		For Installation On Concrete Walls, Add	*3.35*	
		For Installation On Concrete Block Walls, Add	*3.83*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	41.94	9.18
		For Installation On Concrete Walls, Add	*3.38*	
		For Installation On Concrete Block Walls, Add	*3.86*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	42.54	9.18
		For Installation On Concrete Walls, Add	*3.40*	
		For Installation On Concrete Block Walls, Add	*3.88*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	44.50	9.18
		For Installation On Concrete Walls, Add	*3.46*	
		For Installation On Concrete Block Walls, Add	*3.94*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	45.50	9.18
		For Installation On Concrete Walls, Add	*3.48*	
		For Installation On Concrete Block Walls, Add	*3.96*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	48.49	9.18
		For Installation On Concrete Walls, Add	*3.56*	
		For Installation On Concrete Block Walls, Add	*4.04*	

10 56 17 00-0035 Wall Mounted Shelving Accessories *(10 56 17)*

10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	27.57	

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001 Hat And Coat Rack *(10 57 13)*

10 57 13 00-0002 Single Tier *(10 57 13 00-0001)*

10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	44.09	4.59
		For Custom Made Units, Add	*19.15*	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel	37.31	4.59
		For Custom Made Units, Add	*15.08*	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum	51.22	4.59
		For Custom Made Units, Add	*23.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 13 00-0006		Double Tier *(10 57 13 00-0001)*		
10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	58.47	4.59
		For Custom Made Units, Add	*26.05*	
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel	42.24	4.59
		For Custom Made Units, Add	*16.31*	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum	81.15	4.59
		For Custom Made Units, Add	*39.66*	
10 57 43		**Wardrobe Units** *(10 57)*		
10 57 43 00-0001		Dormitory Wardrobe Units *(10 57 43)*		
10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	1,209.55	170.09
		For Custom Made Units, Add	*606.68*	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	954.18	170.09
		For Custom Made Units, Add	*453.46*	
10 57 43 00-0004		Hospital Wardrobe Units 24" x 24" x 76" With Door *(10 57 43)*		
10 57 43 00-0005	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	740.10	170.09
		For Custom Made Units, Add	*325.01*	
10 57 43 00-0006	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door	895.11	170.09
		For Custom Made Units, Add	*418.02*	
10 57 43 00-0007	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	980.28	170.09
		For Custom Made Units, Add	*469.12*	
10 57 43 00-0008	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,102.66	170.09
		For Custom Made Units, Add	*542.55*	
10 70		**Exterior Specialties** *(10)*		
10 71		**Exterior Protection** *(10 70)*		
10 71 13		**Exterior Sun Control Devices** *(10 71)*		
10 71 13 13		**Exterior Shutters** *(10 71 13)*		
10 71 13 13-0001		Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*		
10 71 13 13-0002		Louvered Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	66.08	27.76
		For Colored Finish, Add	*5.23*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	71.06	29.15
		For Colored Finish, Add	*5.80*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	76.06	30.54
		For Colored Finish, Add	*6.36*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	80.69	31.93
		For Colored Finish, Add	*6.86*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	85.82	33.31
		For Colored Finish, Add	*7.45*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	91.15	34.70
		For Colored Finish, Add	*8.08*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	95.03	36.08
		For Colored Finish, Add	*8.45*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	99.27	37.47
		For Colored Finish, Add	*8.87*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	104.64	38.86
		For Colored Finish, Add	*9.51*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	111.56	40.25
		For Colored Finish, Add	*10.42*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	115.29	41.64
		For Colored Finish, Add	*10.76*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	123.74	43.02
		For Colored Finish, Add	*11.95*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	127.44	44.41
		For Colored Finish, Add	*12.28*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	133.58	45.80
		For Colored Finish, Add	*13.05*	
10 71 13 13-0017		Raised Panel Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	87.77	30.54
		For Colored Finish, Add	*8.47*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	93.58	31.93
		For Colored Finish, Add	*9.18*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	97.69	33.31
		For Colored Finish, Add	*9.59*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	103.66	34.70
		For Colored Finish, Add	*10.33*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	108.88	36.08
		For Colored Finish, Add	*10.94*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	113.88	37.47
		For Colored Finish, Add	*11.50*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	120.32	38.86
		For Colored Finish, Add	*12.33*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	128.58	40.25
		For Colored Finish, Add	*13.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	134.62	41.64
		For Colored Finish, Add	*14.24*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	141.31	43.02
		For Colored Finish, Add	*15.11*	
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	144.09	44.41
		For Colored Finish, Add	*15.28*	
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	149.14	45.80
		For Colored Finish, Add	*15.85*	

10 71 13 13-0030 Exterior Spanish Cedar Shutters *(10 71 13 13)*

10 71 13 13-0031 12" Width *(10 71 13 13-0030)*

10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	336.61	27.76
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	363.81	30.54
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	389.16	31.93
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	416.37	34.70
		For Arched Tops, Add	*150.00*	
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	441.71	36.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	470.86	38.86
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	496.22	40.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	521.57	41.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	548.77	44.41
		For Arched Tops, Add	*150.00*	

10 71 13 13-0041 14" Width *(10 71 13 13-0030)*

10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	356.20	27.76
		For Arched Tops, Add	*150.00*	
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	387.31	30.54
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	416.59	31.93
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	447.70	34.70
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	476.96	36.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	508.07	38.86
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	537.35	40.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	564.65	41.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	595.77	44.41
		For Arched Tops, Add	*150.00*	

10 71 13 13-0051 16" Width *(10 71 13 13-0030)*

10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	377.74	27.76
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	410.81	30.54
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	444.00	31.93
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	477.07	34.70
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	510.25	36.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	545.28	38.86
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	576.51	40.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	609.69	41.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	644.72	44.41
		For Arched Tops, Add	*150.00*	

10 71 13 13-0061 18" Width *(10 71 13 13-0030)*

10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	397.32	27.76
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	434.31	30.54
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	471.42	31.93
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	508.41	34.70
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	543.53	36.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	582.48	38.86
		For Arched Tops, Add	*150.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	617.63	40.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	654.73	41.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	691.72	44.41
		For Arched Tops, Add	*150.00*	

10 71 13 13-0071 20" Width *(10 71 13 13-0030)*

10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	416.90	27.76
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	457.81	30.54
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	496.87	31.93
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	539.74	34.70
		For Arched Tops, Add	*150.00*	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	578.78	36.08
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	619.69	38.86
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	658.75	40.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	697.81	41.64
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	738.72	44.41
		For Arched Tops, Add	*150.00*	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001 Metal Awnings *(10 73 13 13)*

Note: Includes metal cover, frame supports and anchoring.

10 73 13 13-0002	SF	Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish	30.00	6.73
10 73 13 13-0003	SF	Ribbed Aluminum Window Awning, Baked Enamel Finish	26.65	6.03
10 73 13 13-0004	SF	Flat Roofed Steel Awning (Per SF Of Covered Area)	79.85	6.99
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	82.63	7.87

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001 Canvas Awnings *(10 73 13 23)*

Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	28.48	6.02
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	15.13	1.94
10 73 13 23-0004	SF	Replacement Canvas For Awnings	17.09	
		Note: Includes removal of existing canvas cover.		
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.49*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*

Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	2,682.32	381.83
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	4,769.13	611.08
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	3,318.10	477.76
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	5,580.71	638.86

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001 Steel Walkway/Parking Covers *(10 73 26 13)*

Note: Factory applied polyester finish.

10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover	41.57	5.49
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*12.23*	
		For Wind Load (140 MPH), Add	*15.29*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover	44.33	5.92
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*13.00*	
		For Wind Load (140 MPH), Add	*16.25*	

10 73 26 13-0004 Aluminum Walkway/Parking Covers *(10 73 26 13)*

10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover	25.03	5.49
		Note: Includes factory applied polyester finish.		
		For Snow Load (30 PSF), Add	*5.62*	
		For Wind Load (140 MPH), Add	*7.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	27.15	5.92
		For Snow Load (30 PSF), Add	*6.13*	
		For Wind Load (140 MPH), Add	*7.66*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	3,450.75	681.49
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	3,680.45	743.42
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	4,668.00	867.33
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*10.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	5,424.58	991.42
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	10,437.68	1,115.30
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	12,470.10	1,239.03
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	21,871.87	1,363.35
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	28,479.52	1,486.84
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy duty.

10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	2,649.05	619.67
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,164.75	681.49
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,515.45	743.42
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,481.00	867.33
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	5,556.58	991.42
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	6,159.98	1,053.34
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	7,786.68	1,115.30
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	13,493.10	1,239.03
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	14,765.87	1,363.35
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	18,513.52	1,486.84
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,071.21
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,105.86
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	1,274.54
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	1,347.53
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	1,614.30
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	1,957.36
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	2,309.03
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	2,681.77
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	3,121.59

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	512.82
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	736.08
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	821.80
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	925.51

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	108.89	39.05
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	118.98	41.34
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	133.48	43.64
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	175.47	45.94
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	232.86	48.23
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	260.56	50.53
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	237.46	50.53
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	276.54	57.42

10 75 16 00-0047 Flagpole Accessories *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	0.75	0.07
10 75 16 00-0049	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.39	0.07
10 75 16 00-0050	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.30	0.07
10 75 16 00-0051	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.00	0.07
10 75 16 00-0052	EA	Refinish Existing Flagpole Ball	304.84	114.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0053	EA	Locking Aluminum Cleat Box For Flagpoles	274.21	68.88
10 75 16 00-0054	EA	Aluminum Cleat For Flagpoles	23.15	4.59
10 75 16 00-0055	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.49	0.08

10 75 23 Wall-Mounted Flagpoles *(10 75)*

10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*
Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,714.05	543.52
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,855.75	597.88
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	2,008.45	652.23
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	2,324.87	760.93
		For Rope Lock Box, Add	*96.00*	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*
Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007	EA	10' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,342.34	489.17
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,517.05	543.52
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,778.45	652.23
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier *(10 81 13)*
Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	7.12	0.73
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	7.80	0.73
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.37	0.73

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier *(10 81 13)*
Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	5.47	0.73
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	6.63	0.73
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	7.93	0.73

10 86 Security Mirrors And Domes *(10 80)*

10 86 00 00-0001 Dome Mirrors *(10 86)*
Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 Steel Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	172.84	18.38
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	201.89	19.29
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	232.79	21.13
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	307.47	22.96
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	124.13	13.78
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	142.53	14.70
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	165.88	16.07
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	227.80	17.45

10 86 00 00-0011 Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	138.71	21.13
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	191.50	22.96
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	250.92	26.64
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	303.36	32.16
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	442.16	45.94
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	86.95	16.07
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	114.55	17.45
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	149.17	20.21
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	183.60	24.34
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	289.01	34.45
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	58.33	13.78
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	73.28	15.16
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	94.47	17.00
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	117.10	20.21
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	191.14	28.71

10 86 00 00-0027 Coated Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	162.97	21.13
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	245.93	22.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	412.23	32.16
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	632.68	45.94
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	107.31	16.07
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	155.62	17.45
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	243.95	24.34
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	400.25	34.45
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	79.27	13.78
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	108.54	15.16
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	138.97	17.00
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	177.69	20.21
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	276.35	28.71

10 86 00 00-0041 Circular Convex Security Mirrors *(10 86)*

Note: Includes all mounting hardware.

10 86 00 00-0042 Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)*

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	62.54	14.70
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	79.38	16.07
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	115.85	17.45
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	143.73	20.21
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	189.51	24.34
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	329.25	34.45
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	99.38	16.07
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	139.52	17.45
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	198.98	24.34
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	357.65	34.45

10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)*

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	117.84	16.07
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	180.47	17.45
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	240.41	20.21
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	299.57	24.34
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	434.57	34.45
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	139.49	16.07
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	211.24	17.45
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	291.30	20.21
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	330.34	24.34
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	520.96	34.45

END OF SECTION 10

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation And Maintenance Of Equipment *(11)*

11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment *(11 01)*

11 01 10 13 Operation And Maintenance Of Parking Equipment *(11 01 10)*

11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	321.62	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	337.19	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	354.87	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	467.92	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	484.56	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	684.20	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	694.96	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	714.74	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	820.99	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	835.23	

11 10 Vehicle And Pedestrian Equipment *(11)*

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001 Parking Ticket Dispensers *(11 12 16)*

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Printer	5,419.95	162.58
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	7,210.50	162.58

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001 Parking Meters *(11 12 23)*

11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	155.71	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 00-0001 Parking Fee Collection Equipment *(11 12 26)*

11 12 26 00-0002	EA	Multiple Station Slot Box For Parking Fee Collection	1,313.43	55.10

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001 Barrier Parking Gate Operators *(11 12 33 13)*

11 12 33 13-0002 Barrier Parking Gate Operators *(11 12 33 13-0001)*

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,686.10	225.46
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,677.10	225.46
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	2,791.10	225.46
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	3,927.45	225.46
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	4,686.20	225.46
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	4,866.20	225.46

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	8,019.34	450.93
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	9,369.53	450.93
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	8,086.84	450.93
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	9,437.03	450.93

11 12 33 13-0014 Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	109.02	17.01
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	100.02	17.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	214.02	17.01
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	315.27	17.01
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	289.02	17.01
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	289.02	17.01
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	349.02	17.01
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	372.87	102.06
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	372.87	102.06
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	387.76	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,003.23	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) Note: Includes mounting plate and hardware. Excludes concrete foundation.	576.72	17.01

11 12 36 Tire Shredders *(11 12)*

11 12 36 00-0001 Tire Shredding Traffic Control Spikes *(11 12 36)*

11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	1,284.66	272.16

11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	2,161.08	136.08
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	1,561.08	136.08

11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	979.56	51.03
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	818.58	68.04

11 13 Loading Dock Equipment *(11 10)*

11 13 13 Loading Dock Bumpers *(11 13)*

11 13 13 00-0001 Laminated Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	96.55	18.37
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	119.54	18.37
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	151.99	18.37
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	106.35	18.37
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	114.47	18.37
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	129.00	18.37
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	151.99	18.37
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	203.90	18.37
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	119.32	18.37
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	129.00	18.37
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	156.61	18.37
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	176.18	18.37
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	239.75	18.37
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	145.17	18.37
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.93	18.37
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	216.43	18.37

11 13 13 00-0019 6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	133.04	18.37
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	141.07	18.37
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	160.43	18.37
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	189.90	18.37
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	255.12	18.37
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	150.86	18.37
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	157.46	18.37
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	183.63	18.37
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	222.67	18.37
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	331.99	18.37
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	190.01	18.37
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	216.19	18.37
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	219.67	18.37

11 13 13 00-0033 Extruded Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0034 1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*

11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	55.00	18.37
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	58.24	18.37
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	62.55	18.37
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	66.86	18.37

11 13 13 00-0039 4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	71.91	18.37
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	85.50	18.37
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	89.41	18.37
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	98.33	18.37
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	85.87	18.37
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	104.19	18.37
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	119.28	18.37
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	148.07	18.37
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	74.78	18.37
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	66.46	18.37
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	85.45	18.37
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	104.61	18.37
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	109.13	18.37
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	83.27	18.37
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	105.37	18.37
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	150.85	18.37
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	89.88	18.37
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	130.29	18.37
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	129.89	18.37
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	192.79	18.37
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	123.67	18.37
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	115.54	18.37
11 13 16		**Loading Dock Seals And Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	70.01	18.37
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	70.83	18.37
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	71.66	18.37
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	73.31	18.37
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	74.96	18.37
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	76.63	18.37
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	78.30	18.37
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	80.02	18.37
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	81.74	18.37
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	83.39	18.37
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	85.04	18.37
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	88.38	18.37
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	79.82	18.37
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	80.64	18.37
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	81.46	18.37
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	83.14	18.37
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	84.81	18.37
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	86.46	18.37
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	88.11	18.37
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	89.78	18.37
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.45	18.37
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.10	18.37
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	94.80	18.37
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	98.10	18.37
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	85.04	18.37
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	85.89	18.37
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	86.73	18.37
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	88.38	18.37
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	90.03	18.37
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.71	18.37
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.38	18.37
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	95.03	18.37
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	96.68	18.37
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	98.35	18.37
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	100.02	18.37
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	103.41	18.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	65.64	18.37
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	66.94	18.37
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	69.81	18.37
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	72.63	18.37
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	75.54	18.37
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	78.37	18.37
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	81.24	18.37
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	74.91	18.37
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	76.25	18.37
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	79.11	18.37
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	81.98	18.37
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	84.81	18.37
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	87.68	18.37
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	90.51	18.37
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	79.94	18.37
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	81.24	18.37
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	84.14	18.37
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	86.97	18.37
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	89.84	18.37
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	92.67	18.37
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	95.57	18.37
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	107.62	22.95
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	82.65	22.04
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	85.69	22.04
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	89.03	22.95
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	91.13	22.95
11 13 19		**Stationary Loading Dock Equipment** *(11 13)*		
		Note: Includes all anchor bolts and fasteners.		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)*		
11 13 19 13-0002		20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 LB Hydraulic Dock Leveler	7,373.40	758.76
11 13 19 13-0004	EA	6' x 8', 20,000 LB Hydraulic Dock Leveler	7,882.76	843.08
11 13 19 13-0005	EA	6' x 10', 20,000 LB Hydraulic Dock Leveler	9,661.46	1,011.69
11 13 19 13-0006	EA	7' x 6', 20,000 LB Hydraulic Dock Leveler	7,845.92	843.08
11 13 19 13-0007	EA	7' x 8', 20,000 LB Hydraulic Dock Leveler	8,526.51	927.38
11 13 19 13-0008	EA	7' x 10', 20,000 LB Hydraulic Dock Leveler	10,225.07	1,011.69
11 13 19 13-0009		25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 LB Hydraulic Dock Leveler	7,527.21	758.76
11 13 19 13-0011	EA	6' x 8', 25,000 LB Hydraulic Dock Leveler	8,042.07	843.08
11 13 19 13-0012	EA	6' x 10', 25,000 LB Hydraulic Dock Leveler	9,810.74	1,011.69
11 13 19 13-0013	EA	7' x 6', 25,000 LB Hydraulic Dock Leveler	7,996.55	843.08
11 13 19 13-0014	EA	7' x 8', 25,000 LB Hydraulic Dock Leveler	8,666.05	927.38
11 13 19 13-0015	EA	7' x 10', 25,000 LB Hydraulic Dock Leveler	10,517.70	1,011.69
11 13 19 13-0016		30,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 LB Hydraulic Dock Leveler	7,877.83	885.23
11 13 19 13-0018	EA	6' x 8', 30,000 LB Hydraulic Dock Leveler	8,378.38	1,011.69
11 13 19 13-0019	EA	6' x 10', 30,000 LB Hydraulic Dock Leveler	10,211.94	1,180.30
11 13 19 13-0020	EA	7' x 6', 30,000 LB Hydraulic Dock Leveler	8,378.38	1,011.69
11 13 19 13-0021	EA	7' x 8', 30,000 LB Hydraulic Dock Leveler	9,023.82	1,138.15
11 13 19 13-0022	EA	7' x 10', 30,000 LB Hydraulic Dock Leveler	10,857.38	1,138.15
11 13 19 13-0023		35,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 LB Hydraulic Dock Leveler	8,154.02	843.08
11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler	8,655.82	927.38
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler	10,889.43	1,096.00
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler	8,655.82	927.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler	9,397.79	1,011.69
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler	11,268.45	1,180.30
11 13 19 13-0030		40,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler	8,640.10	843.08
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler	9,141.29	927.38
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler	11,000.81	1,096.00
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler	9,141.29	927.38
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler	9,884.02	1,011.69
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler	11,754.41	1,180.30
11 13 19 13-0037		45,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler	9,042.31	927.38
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler	9,551.28	1,011.69
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler	11,401.72	1,180.30
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler	9,552.55	1,011.69
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler	10,289.45	1,096.00
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler	12,148.31	1,264.61
11 13 19 13-0044		Manual Dock Levelers *(11 13 19 13)*		
11 13 19 13-0045		20,000 LB Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler	5,791.40	758.76
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler	6,310.75	843.08
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler	8,079.46	1,011.69
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler	6,265.34	843.08
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler	6,944.51	927.38
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler	8,804.41	1,011.69
11 13 19 13-0052		40,000 LB Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler	7,198.02	843.08
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler	7,699.21	927.38
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler	8,333.68	1,096.00
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler	7,699.21	927.38
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler	8,768.91	1,011.69
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler	10,312.33	1,180.30
11 13 19 13-0059		Edge-Of-Dock Levelers *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge-Of-Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic	2,772.05	252.92
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic	2,991.13	252.92
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic	2,959.43	252.92
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic	3,260.20	252.92
11 13 19 13-0065		Manual Edge-Of-Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0066	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual	1,375.45	252.92
11 13 19 13-0067	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual	1,507.43	252.92
11 13 19 13-0068	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual	1,547.79	252.92
11 13 19 13-0069	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual	1,646.77	252.92
11 13 19 23		**Stationary Loading Dock Lifts** ***(11 13 19)***		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift	11,382.82	185.06
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	7,686.42	185.06
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	14,126.24	277.58
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted	24,933.15	555.17
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted	26,100.16	740.23
11 13 19 26		**Loading Dock Truck Lifts** ***(11 13 19)***		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift	23,402.57	1,288.37
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift	26,777.34	1,546.04
11 13 19 33		**Loading Dock Truck Restraints** ***(11 13 19)***		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	5,532.92	316.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 33-0003	EA	Rotating Hook Truck Restraint System (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	4,632.00	316.15

11 13 23 Portable Dock Equipment *(11 13)*

11 13 23 23 Portable Dock Platforms *(11 13 23)*

11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift	13,708.23	85.05

11 13 26 Loading Dock Lights *(11 13)*

11 13 26 00-0001 Communication Lights *(11 13 26)*

11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	235.72	67.74
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	286.29	67.74
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	136.56	54.19

11 13 26 00-0005 Communication Lights Controls *(11 13 26)*

11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	267.35	90.32

11 13 26 00-0007 Loading Dock Lights *(11 13 26)*

11 13 26 00-0008 Incandescent Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	330.53	90.32
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	296.19	90.32
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	382.81	90.32

11 13 26 00-0012 Metal Halide Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	449.21	90.32
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	489.90	90.32
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	522.44	90.32

11 13 26 00-0016 Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	291.62	90.32
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	317.36	90.32
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	339.34	90.32

11 14 Pedestrian Control Equipment *(11 10)*

11 14 13 Pedestrian Gates *(11 14)*

11 14 13 16 Rotary Gates *(11 14 13)*

11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*

11 14 13 16-0002 Mechanical *(11 14 13 16-0001)*

11 14 13 16-0003 Galvanized Steel *(11 14 13 16-0002)*

11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	7,148.74	1,148.69
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	7,987.10	1,148.69
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	15,584.00	1,713.79
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	15,121.67	1,713.79

11 14 13 16-0008 Powder Coated Steel *(11 14 13 16-0002)*

11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	7,997.89	1,148.69
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	8,803.88	1,148.69
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	18,220.82	1,713.79
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	16,514.82	1,713.79

11 14 13 16-0013 Anodized Aluminum *(11 14 13 16-0002)*

11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,366.21	1,148.69
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	14,008.18	1,148.69
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,447.01	1,713.79
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	27,074.44	1,713.79

11 14 13 16-0018 Stainless Steel *(11 14 13 16-0002)*

11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	12,827.70	1,148.69
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	14,316.40	1,148.69
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	20,515.52	1,713.79
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	25,354.57	1,713.79

11 14 13 16-0023 Transparent *(11 14 13 16-0002)*

11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	24,795.88	1,148.86

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	130.99	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	92.47	
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	7,520.15	1,148.69
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	8,360.05	1,148.69
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	16,970.99	1,713.79
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	15,721.15	1,713.79
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	16,970.99	1,713.79
11 14 13 16-0035		Powder Coated Steel *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	8,367.75	1,148.69
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	9,306.28	1,148.69
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	22,378.71	1,713.79
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	17,122.01	1,713.79
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	18,374.93	1,713.79
11 14 13 16-0041		Anodized Aluminum *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,521.86	1,148.69
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	8,999.60	1,148.69
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	14,470.51	1,148.69
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,296.16	1,713.79
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	19,128.53	1,713.79
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	27,874.27	1,713.79
11 14 13 16-0048		Stainless Steel *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	13,605.95	1,148.69
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	14,515.20	1,148.69
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,406.62	1,713.79
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,542.76	1,713.79
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	29,161.09	1,713.79
11 14 13 16-0054		Transparent *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	22,673.78	1,148.86
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	23,962.14	1,148.86
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	24,524.65	1,148.86
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	40,241.60	1,713.79
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	42,722.77	1,713.79
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	8,056.45	1,148.69
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	8,921.01	1,148.69
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	19,917.57	1,713.79
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	16,678.18	1,713.79
11 14 13 16-0066		Powder Coated Steel *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	8,837.79	1,148.69
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	9,830.26	1,148.69
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	22,844.12	1,713.79
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	18,086.74	1,713.79
11 14 13 16-0071		Anodized Aluminum *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,050.46	1,148.69
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,506.63	1,148.69
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	15,085.41	1,148.69
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	18,373.39	1,713.79
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	28,874.44	1,713.79
11 14 13 16-0077		Stainless Steel *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	14,126.84	1,148.69
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	15,051.50	1,148.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,788.81	1,713.79
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	27,313.31	1,713.79
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	30,224.45	1,713.79
11 14 13 16-0083		Transparent *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	23,120.70	1,148.86
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	24,332.01	1,148.86
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	25,027.04	1,148.86
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	41,181.67	1,713.79
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	43,493.32	1,713.79
11 14 13 16-0089		Electrical Options *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	513.19	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	360.62	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	118.66	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	118.66	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	94.01	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	92.47	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	84.76	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	2,152.92	
11 14 13 16-0098		Relocate Rotary Gate *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,374.24	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		Security Turnstiles *(11 14 13 19)*		
11 14 13 19-0002	EA	7' Security Turnstile With Automatic Control Free Turning Note: One direction, Type B.	7,272.93	570.12
11 14 13 19-0003	EA	7' Security Turnstile, Type B Free Turning In Both Directions	6,449.46	570.12
11 14 13 19-0004	EA	7' Security Turnstile With Automatic Control Free Turning Note: One direction, Type AA.	8,550.50	570.12
11 14 13 19-0005	EA	7' Security Turnstile, Type AA Free Turning In Both Directions	7,796.56	570.12
11 14 13 19-0006		Turnstiles *(11 14 13 19)*		
11 14 13 19-0007	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	1,639.94	346.98
11 14 13 19-0008	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	2,073.87	346.98

11 20 Commercial Equipment *(11)*

11 21 Retail and Service Equipment *(11 20)*

11 21 63 Refrigerated Display Equipment *(11 21)*

11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,188.44	274.61
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	4,883.49	199.84
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	5,413.54	219.46
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	4,522.15	184.79
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	1,127.75	46.00
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	1,473.65	60.14
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	3,531.84	143.72
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	5,032.83	207.41
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	1,135.67	228.84
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	1,298.00	274.61
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	1,311.97	64.74

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0020		**Meat Case** *(11 21 63)*		
11 21 63 00-0021	LF	Meat Case, Single - Deck	906.15	274.61
11 21 63 00-0022	LF	Meat Case, Multi - Deck	978.38	274.61
11 21 63 00-0023		**Produce Case** *(11 21 63)*		
11 21 63 00-0024	LF	Produce Case, Single - Deck	936.53	274.61
11 21 63 00-0025	LF	Produce Case, Multi - Deck	1,026.85	274.61
11 21 63 00-0026		**Bottle Coolers** *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	3,405.32	915.39
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	5,232.34	1,373.08
11 21 63 00-0029		**Cold Pan Units** *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	1,807.43	73.18
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	2,511.54	102.38
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	2,969.50	121.09
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	3,053.15	125.11
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	3,322.42	135.06
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	3,947.28	159.60
11 21 63 00-0036		**Cold Cabinets (Insulated)** *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	1,639.54	63.33

11 28 Office Equipment *(11 20)*

11 28 13 Computers *(11 28)*

11 28 13 00-0001		**Accessories** *(11 28 13)*		
11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	623.60	45.09
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	762.66	49.60
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	988.06	54.11
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,068.57	58.62
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	792.08	49.60
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	825.35	49.60
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	1,165.57	63.13
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	1,237.06	63.13
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	663.01	49.60
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	205.43	49.60
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	155.72	49.60

11 30 Residential Equipment *(11)*

11 32 Unit Kitchens *(11 30)*

11 32 13 Metal Unit Kitchens *(11 32)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001		**30" Compact Kitchen** *(11 32 13)*		
11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,094.26	457.53
		For Gas Unit, Add	*222.63*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	1,780.54	320.27
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	1,629.04	274.52
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	515.51	275.51
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,046.35	183.68
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	64.60	13.60
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	57.96	13.60
11 32 13 00-0009		**42" Compact Kitchen** *(11 32 13)*		
11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	2,438.56	503.29
		For Gas Unit, Add	*265.13*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,199.56	411.78
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	652.25	156.12
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,213.27	206.64
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	77.89	13.60
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	64.81	13.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 13 00-0016		54" Compact Kitchen *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,301.09	640.54
		For Gas Unit, Add	*367.05*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	807.35	91.84
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,349.19	229.59
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	90.76	13.60
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	67.39	13.60
11 32 13 00-0022		60" Compact Kitchen *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	3,472.60	686.29
		For Gas Unit, Add	*383.63*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	959.19	229.59
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	96.37	13.60
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	67.39	13.60
11 32 13 00-0027		72" Compact Kitchen *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	3,724.09	732.05
		For Gas Unit, Add	*412.20*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,171.03	275.51
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	112.53	17.01
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	70.47	17.01

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

11 41 13 Refrigerated Food Storage Cases *(11 41)*

11 41 13 00-0001		Frozen Food Cases *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	931.16	274.61
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	1,636.63	274.61
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,051.66	274.61
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	1,578.32	274.61
11 41 13 00-0006		Reach-In Refrigeration *(11 41 13)*		
11 41 13 00-0007		Reach-In Refrigerators *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	2,842.19	129.38
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	3,503.24	163.18
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	4,657.34	180.28
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,123.89	129.38
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,062.01	163.18
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	5,386.95	180.28
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,398.16	129.38
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,589.48	163.18
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	4,221.18	129.38
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	6,072.43	163.18
11 41 13 00-0018		Reach-In Freezers *(11 41 13 00-0006)*		
11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	3,187.03	129.54
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	4,220.62	162.95

11 41 23 Walk-In-Coolers *(11 41)*

11 41 23 00-0001 Walk-In Refrigerated Boxes *(11 41 23)*
Note: Overall heights include 4" floor panel and 4" ceiling panel.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*
Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,159.05	1,110.33
		For Refrigerated Boxes Without Floor, Deduct	*-1,419.59*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,528.06	1,249.13
		For Refrigerated Boxes Without Floor, Deduct	*-1,715.64*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,053.79	1,387.92
		For Refrigerated Boxes Without Floor, Deduct	*-1,800.81*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,271.36	1,665.50
		For Refrigerated Boxes Without Floor, Deduct	*-2,012.97*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,856.10	1,943.09
		For Refrigerated Boxes Without Floor, Deduct	*-2,316.68*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,131.83	2,220.67
		For Refrigerated Boxes Without Floor, Deduct	*-2,542.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,385.76	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-2,763.69*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,401.61	1,387.92
		For Refrigerated Boxes Without Floor, Deduct	*-1,887.77*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,291.97	1,526.71
		For Refrigerated Boxes Without Floor, Deduct	*-2,064.23*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,626.57	1,804.29
		For Refrigerated Boxes Without Floor, Deduct	*-2,304.95*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,355.28	2,081.88
		For Refrigerated Boxes Without Floor, Deduct	*-2,644.86*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,709.59	2,359.46
		For Refrigerated Boxes Without Floor, Deduct	*-2,891.19*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,105.52	2,637.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,147.21*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,458.25	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-3,393.54*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,850.55	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-3,648.29*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,209.95	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-3,895.89*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,644.28	1,665.50
		For Refrigerated Boxes Without Floor, Deduct	*-2,356.20*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,093.36	1,943.09
		For Refrigerated Boxes Without Floor, Deduct	*-2,625.99*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,602.67	2,220.67
		For Refrigerated Boxes Without Floor, Deduct	*-2,910.32*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,032.04	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-3,175.26*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,560.65	2,775.84
		For Refrigerated Boxes Without Floor, Deduct	*-3,465.71*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,991.62	3,053.42
		For Refrigerated Boxes Without Floor, Deduct	*-3,729.38*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,524.37	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-4,021.35*	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,947.09	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-4,284.77*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,479.64	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-4,575.21*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,912.28	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-4,840.16*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,628.63	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-5,130.86*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,228.43	4,996.50
		For Refrigerated Boxes Without Floor, Deduct	*-5,394.27*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,441.58	2,081.88
		For Refrigerated Boxes Without Floor, Deduct	*-2,916.44*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,101.89	2,359.46
		For Refrigerated Boxes Without Floor, Deduct	*-3,239.27*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,635.52	2,637.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,529.71*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,288.13	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-3,851.01*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,829.35	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-4,142.99*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,482.51	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-4,464.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,010.40	3,747.38
		For Refrigerated Boxes Without Floor, Deduct	*-4,754.48*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,674.88	4,024.96
		For Refrigerated Boxes Without Floor, Deduct	*-5,077.31*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,302.59	4,371.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,367.75*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,142.32	4,788.32
		For Refrigerated Boxes Without Floor, Deduct	*-5,689.05*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,863.68	5,204.68
		For Refrigerated Boxes Without Floor, Deduct	*-5,981.03*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,697.04	5,621.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,302.07*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,408.19	6,037.43
		For Refrigerated Boxes Without Floor, Deduct	*-6,592.52*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,961.48	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-3,907.62*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,802.21	2,775.84
		For Refrigerated Boxes Without Floor, Deduct	*-4,276.10*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,790.10	3,053.42
		For Refrigerated Boxes Without Floor, Deduct	*-4,679.00*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,629.87	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-5,047.73*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,604.41	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-5,449.10*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,456.22	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-5,819.36*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,434.56	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-6,220.73*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,463.03	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-6,589.46*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,620.77	4,996.50
		For Refrigerated Boxes Without Floor, Deduct	*-6,992.36*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,672.05	5,412.87
		For Refrigerated Boxes Without Floor, Deduct	*-7,360.83*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,818.01	5,829.25
		For Refrigerated Boxes Without Floor, Deduct	*-7,762.46*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,857.34	6,176.23
		For Refrigerated Boxes Without Floor, Deduct	*-8,132.46*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,716.35	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-4,708.07*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,832.85	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-5,143.86*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,881.77	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-5,563.85*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,997.18	3,747.38
		For Refrigerated Boxes Without Floor, Deduct	*-6,001.17*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,050.28	4,024.96
		For Refrigerated Boxes Without Floor, Deduct	*-6,421.16*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,259.39	4,371.94
		For Refrigerated Boxes Without Floor, Deduct	*-6,856.95*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,499.98	4,788.32
		For Refrigerated Boxes Without Floor, Deduct	*-7,278.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,796.62	5,204.68
		For Refrigerated Boxes Without Floor, Deduct	*-7,714.26*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,025.74	5,621.06
		For Refrigerated Boxes Without Floor, Deduct	*-8,134.25*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,324.41	6,037.43
		For Refrigerated Boxes Without Floor, Deduct	*-8,571.57*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,561.75	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-5,530.70*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,730.09	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-5,980.52*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,009.28	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-6,457.62*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,176.32	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-6,906.17*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,643.39	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-7,384.55*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,983.71	4,996.50
		For Refrigerated Boxes Without Floor, Deduct	*-7,833.09*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,469.51	5,412.87
		For Refrigerated Boxes Without Floor, Deduct	*-8,310.20*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,808.25	5,829.25
		For Refrigerated Boxes Without Floor, Deduct	*-8,760.02*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,275.98	6,245.62
		For Refrigerated Boxes Without Floor, Deduct	*-9,237.12*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	47,794.29	6,754.53
		For Refrigerated Boxes Without Floor, Deduct	*-9,685.67*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,528.29	1,110.33
		For Refrigerated Boxes Without Floor, Deduct	*-1,511.90*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,670.86	1,249.13
		For Refrigerated Boxes Without Floor, Deduct	*-1,751.34*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,522.99	1,387.92
		For Refrigerated Boxes Without Floor, Deduct	*-1,918.11*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,809.92	1,665.50
		For Refrigerated Boxes Without Floor, Deduct	*-2,147.61*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,425.26	1,943.09
		For Refrigerated Boxes Without Floor, Deduct	*-2,458.97*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,770.35	2,220.67
		For Refrigerated Boxes Without Floor, Deduct	*-2,702.24*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,054.88	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-2,930.97*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,909.57	1,387.92
		For Refrigerated Boxes Without Floor, Deduct	*-2,014.76*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,830.53	1,526.71
		For Refrigerated Boxes Without Floor, Deduct	*-2,198.87*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,234.49	1,804.29
		For Refrigerated Boxes Without Floor, Deduct	*-2,456.93*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,993.80	2,081.88
		For Refrigerated Boxes Without Floor, Deduct	*-2,804.49*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,417.47	2,359.46
		For Refrigerated Boxes Without Floor, Deduct	*-3,068.16*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,844.00	2,637.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,331.83*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,266.09	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-3,595.50*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,688.99	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-3,857.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,117.75	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-4,122.84*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,213.44	1,665.50
		For Refrigerated Boxes Without Floor, Deduct	*-2,498.49*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,731.88	1,943.09
		For Refrigerated Boxes Without Floor, Deduct	*-2,785.62*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,271.79	2,220.67
		For Refrigerated Boxes Without Floor, Deduct	*-3,077.60*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,770.52	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-3,359.88*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,329.73	2,775.84
		For Refrigerated Boxes Without Floor, Deduct	*-3,657.98*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,830.06	3,053.42
		For Refrigerated Boxes Without Floor, Deduct	*-3,938.99*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,393.41	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-4,238.61*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,885.49	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-4,519.37*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,448.64	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-4,817.46*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,950.64	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-5,099.75*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,697.59	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-5,398.10*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,366.75	4,927.11
		For Refrigerated Boxes Without Floor, Deduct	*-5,678.85*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,149.46	2,081.88
		For Refrigerated Boxes Without Floor, Deduct	*-3,093.41*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,840.37	2,359.46
		For Refrigerated Boxes Without Floor, Deduct	*-3,423.89*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,443.36	2,637.04
		For Refrigerated Boxes Without Floor, Deduct	*-3,731.67*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,126.57	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-4,060.62*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,737.15	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-4,369.94*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,420.91	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-4,698.63*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,018.16	3,747.38
		For Refrigerated Boxes Without Floor, Deduct	*-5,006.42*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,713.24	4,024.96
		For Refrigerated Boxes Without Floor, Deduct	*-5,336.90*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,410.31	4,371.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,644.68*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,280.64	4,788.32
		For Refrigerated Boxes Without Floor, Deduct	*-5,973.63*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,071.36	5,204.68
		For Refrigerated Boxes Without Floor, Deduct	*-6,282.95*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,935.32	5,621.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,611.64*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,715.83	6,037.43
		For Refrigerated Boxes Without Floor, Deduct	*-6,919.43*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,730.56	2,498.25
		For Refrigerated Boxes Without Floor, Deduct	*-4,099.89*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,640.65	2,775.84
		For Refrigerated Boxes Without Floor, Deduct	*-4,485.71*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,659.14	3,053.42
		For Refrigerated Boxes Without Floor, Deduct	*-4,896.26*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,568.27	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-5,282.33*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,573.41	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-5,691.35*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,494.58	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-6,078.95*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,503.52	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-6,487.97*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,601.35	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-6,874.04*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,789.69	4,996.50
		For Refrigerated Boxes Without Floor, Deduct	*-7,284.59*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,910.33	5,412.87
		For Refrigerated Boxes Without Floor, Deduct	*-7,670.40*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,086.89	5,829.25
		For Refrigerated Boxes Without Floor, Deduct	*-8,079.68*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,195.58	6,245.62
		For Refrigerated Boxes Without Floor, Deduct	*-8,467.02*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,624.15	2,914.63
		For Refrigerated Boxes Without Floor, Deduct	*-4,935.02*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,771.25	3,192.21
		For Refrigerated Boxes Without Floor, Deduct	*-5,378.46*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,889.53	3,469.80
		For Refrigerated Boxes Without Floor, Deduct	*-5,815.79*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,035.54	3,747.38
		For Refrigerated Boxes Without Floor, Deduct	*-6,260.76*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,158.00	4,024.96
		For Refrigerated Boxes Without Floor, Deduct	*-6,698.09*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,397.71	4,371.94
		For Refrigerated Boxes Without Floor, Deduct	*-7,141.53*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,707.66	4,788.32
		For Refrigerated Boxes Without Floor, Deduct	*-7,580.39*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,034.90	5,204.68
		For Refrigerated Boxes Without Floor, Deduct	*-8,023.83*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,333.38	5,621.06
		For Refrigerated Boxes Without Floor, Deduct	*-8,461.16*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,662.65	6,037.43
		For Refrigerated Boxes Without Floor, Deduct	*-8,906.13*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,530.75	3,331.00
		For Refrigerated Boxes Without Floor, Deduct	*-5,772.95*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,768.45	3,608.59
		For Refrigerated Boxes Without Floor, Deduct	*-6,240.11*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,078.24	3,886.17
		For Refrigerated Boxes Without Floor, Deduct	*-6,724.86*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,314.64	4,163.75
		For Refrigerated Boxes Without Floor, Deduct	*-7,190.75*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,812.31	4,580.13
		For Refrigerated Boxes Without Floor, Deduct	*-7,676.78*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,221.99	4,996.50
		For Refrigerated Boxes Without Floor, Deduct	*-8,142.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,738.39	5,412.87
		For Refrigerated Boxes Without Floor, Deduct	*-8,627.42*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,146.49	5,829.25
		For Refrigerated Boxes Without Floor, Deduct	*-9,094.58*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,644.82	6,245.62
		For Refrigerated Boxes Without Floor, Deduct	*-9,579.33*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,232.49	6,754.53
		For Refrigerated Boxes Without Floor, Deduct	*-10,045.22*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume	0.43
11 41 23 00-0158	SF	Metal Price Add-ons, 24 GA White Polyester vs. 24 Gauge Galvalume	0.80
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume	1.13
11 41 23 00-0160	SF	Metal Price Add-ons, 22 GA Stainless Steel vs. 24 Gauge Galvalume	7.96
11 41 23 00-0161	SF	Metal Price Add-ons, 20 GA Stainless Steel vs. 24 Gauge Galvalume	10.40
11 41 23 00-0162	SF	Metal Price Add-ons, 24 GA Embossed Tan Polyester vs. 24 Gauge Galvalume	1.28
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume	3.16
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume	4.08
11 41 23 00-0165	SF	Metal Price Add-ons, 24 GA Smooth Kynar Painted vs. 24 Gauge Galvalume	4.28
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.76
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.40
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.23
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.46
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	17.70

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,464.51	126.34
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,610.62	147.41
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,007.29	168.46
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,247.92	189.52
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,579.03	210.57
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,031.35	252.69
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,449.99	294.80
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,857.97	336.92

11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,011.42	168.46
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,247.92	189.52
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,616.25	210.57
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,987.03	252.69
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,449.99	294.80
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,806.56	336.92

11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0190 208/230 Volt, 1 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,635.88	126.34
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,906.08	147.41
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,350.61	168.46
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,497.88	189.52
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,758.08	210.57
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,286.63	252.69
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,709.40	294.80
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,119.16	336.92

11 41 23 00-0199 208/230 Volt, 3 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,328.75	168.46
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,506.74	189.52
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,804.17	210.57
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,242.90	252.69
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,722.99	294.80
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,064.79	336.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0206		Low Temperature Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		208/230 Volt, 1 Phase *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	252.70	126.34
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,902.53	147.41
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,048.65	168.46
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,260.92	189.52
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,550.07	210.57
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,193.85	252.69
11 41 23 00-0214		208/230 Volt, 3 Phase *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,052.79	168.46
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,260.92	189.52
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,588.48	210.57
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,151.31	252.69
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,093.84	126.34
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,149.53	147.41
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,326.38	168.46
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,608.97	189.52
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,939.49	210.57
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,442.04	252.69
11 41 23 00-0227		208/230 Volt, 3 Phase *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,433.34	168.46
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,661.56	189.52
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,982.03	210.57
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,398.90	252.69
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,186.34	168.46
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,269.09	336.92
11 41 23 00-0236		208/230 Volt, 3 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,188.70	168.46
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,399.22	210.57
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,486.79	252.69
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,172.77	336.92
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,484.16	168.46
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,555.52	336.92
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,490.07	168.46
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,126.22	210.57
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,912.25	252.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,746.55	336.92
11 41 23 00-0250		**Low Temperature Semi-Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		**208/230 Volt, 1 Phase** *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,245.85	147.41
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,473.52	168.46
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,071.66	189.52
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,712.41	210.57
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,950.66	252.69
11 41 23 00-0257		**208/230 Volt, 3 Phase** *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,229.31	147.41
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,471.16	168.46
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,049.20	189.52
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,673.41	210.57
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,743.24	252.69
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,999.22	294.80
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,473.05	379.03
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	12,157.96	442.21
11 41 23 00-0266		**Low Temperature Semi-Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		**208/230 Volt, 1 Phase** *(11 41 23 00-0266)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,566.72	147.41
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,746.53	168.46
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,355.89	189.52
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,000.78	210.57
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,258.53	252.69
11 41 23 00-0273		**208/230 Volt, 3 Phase** *(11 41 23 00-0266)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,514.72	147.41
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,748.89	168.46
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,347.03	189.52
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,957.05	210.57
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,071.21	252.69
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,812.32	294.80
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,338.16	379.03
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,091.62	442.21
11 41 23 00-0282		**Walk-In Refrigerated Boxes Accessories** *(11 41 23)* See CSI section 08 71 00 00-0000 for additional door accessories.		
11 41 23 00-0283		**Accessories** *(11 41 23 00-0282)*		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	593.75	
11 41 23 00-0285	EA	Super Door Package, For 48" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	786.53	
11 41 23 00-0286	EA	Super Door Package, For 60" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	786.53	
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	873.19	
11 41 23 00-0288	EA	Heated Air Vent, Kason	337.69	
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC)	750.79	
11 41 23 00-0290	EA	Interior Ramps, For 36" Or 42" Wide Doors	1,061.52	
11 41 23 00-0291	EA	Interior Ramps, For 48" Wide Doors	1,158.42	
11 41 23 00-0292	EA	Interior Ramps, For 60" Wide Doors	1,270.62	
11 41 23 00-0293	EA	Exterior Ramps, For 36" Or 42" Wide Doors	443.40	
11 41 23 00-0294	EA	Exterior Ramps, For 48" Wide Doors	794.28	
11 41 23 00-0295	EA	Exterior Ramps, For 60" Wide Doors	794.28	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	113.26	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	359.90	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,038.40	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,090.42	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	528.40	
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	305.02	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	345.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	345.82	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	602.86	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	737.50	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,188.00	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	1,253.28	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	1,287.96	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	56.10	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	45.90	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	141.78	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	76.50	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	186.33	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	137.37	
11 41 23 00-0315	EA	4" Screed Door	380.53	
11 41 23 00-0316	EA	Doors Cut For Tile	453.97	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	453.97	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	993.55	
11 41 23 00-0319	EA	57-1/2" Door Section	301.99	
11 41 23 00-0320	EA	3 Way (Interior And Exterior) Light Switches	248.92	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	126.77	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	224.77	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	281.89	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	30.40	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	38.82	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	55.39	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	87.26	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	16.76	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	5.36	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	17.85	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	16.53	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	27.54	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	22.95	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	10.31	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	5.61	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	12.81	
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	30.96	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	36.38	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	237.95	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	214.49	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	674.51	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	79.85	
11 41 23 00-0343	LF	Extra Capillary Tubing	9.20	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,414.04	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*116.08*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,628.80	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*126.58*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,704.82	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*130.15*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,923.65	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*140.86*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,865.03	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*137.70*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,078.76	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*148.16*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,144.58	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*151.22*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,448.07	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*166.16*	
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,316.02	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*159.32*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,530.77	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*169.83*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,611.89	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*173.66*	
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,827.66	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*184.21*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,405.64	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*212.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,632.32	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*126.99*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,814.44	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*135.86*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,903.72	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*140.10*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,146.01	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*151.98*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,075.15	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*148.21*	
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,316.42	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*160.04*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,406.72	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*164.32*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,647.99	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*176.15*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,577.14	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*172.38*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,818.41	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*184.21*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,908.71	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*188.50*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,149.98	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*200.33*	
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,079.12	
		For Embossed White Instead Of Galvalume On Both Sides, Add	*196.55*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,012.86
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,106.70
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,115.88
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,234.20
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,354.56
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,440.24
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,445.34
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,681.98
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	1,377.00
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	1,705.44
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	1,820.70
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	1,859.46
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	2,097.12
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	2,327.64
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	2,370.48
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	2,528.58
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	1,087.32
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,145.46
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,320.90
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	1,466.76
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,535.10
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,833.96

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	383.56
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	404.50
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	449.93
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	474.95
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	516.84
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	441.22
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	452.99
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	499.43
		For Cantilever Shelving, Add	*402.00*
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	522.42
		For Cantilever Shelving, Add	*402.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	595.94	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	480.53	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	487.19	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	554.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	558.66	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	642.38	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	330.52	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	347.38	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	380.57	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	389.27	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	443.40	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	363.70	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	389.75	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	412.73	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	419.40	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	492.92	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	398.93	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	414.77	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	444.90	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	461.76	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	537.32	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,682.90	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,877.73	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,915.15	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,952.57	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,361.91	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,766.23	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,875.80	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,077.19	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,160.52	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,642.03	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,908.59	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,083.75	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,285.14	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,368.47	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,007.39	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	452.51	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	487.74	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	528.06	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	565.34	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	613.35	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	533.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	547.44	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	603.08	
		For Cantilever Shelving, Add	*472.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	632.18	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	720.99	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	581.10	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	600.02	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	662.78	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	677.61	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	776.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	388.25	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	408.18	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	448.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	458.24	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	523.59	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	437.76	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	467.88	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	531.68	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	528.14	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	590.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	480.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	499.04	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	536.30	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	555.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	648.10	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,054.23	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,296.62	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,342.24	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,387.87	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,897.24	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,157.25	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,293.04	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,543.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,646.65	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,246.20	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,334.04	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,551.84	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,802.42	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,905.44	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,701.76	
		For Cantilever Shelving, Add	*472.00*	

11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

11 41 31 00-0001 Wall Cabinets *(11 41 31)*

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	1,729.37	71.72
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,281.85	94.69
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	2,619.07	108.55
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	1,676.16	69.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 31 00-0006		Mobile Sheet Pan Truck *(11 41 31)*		
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	160.75	5.75
11 41 31 00-0008		Pot And Utensil Rack *(11 41 31)*		
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	469.10	17.52
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	543.58	19.81
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	646.28	23.72
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	351.47	12.96
11 41 31 00-0013		Tray And Silverware Cart *(11 41 31)*		
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	1,622.24	59.14
11 41 31 00-0015		Flat Top Utility Units *(11 41 31)*		
11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,106.07	40.42
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,482.19	54.02
11 41 33		**Foodservice Shelving** ***(11 41)***		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	186.57	27.41
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	195.42	27.64
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	206.32	27.87
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	213.15	28.09
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	226.05	28.32
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	236.99	28.55
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	245.82	28.77
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	265.56	29.22
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	201.53	27.64
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	208.36	27.87
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	215.20	28.09
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	234.25	28.32
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	247.20	28.55
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	264.20	28.77
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	270.99	29.00
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	294.87	29.45
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	210.41	27.87
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	225.37	28.09
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	236.31	28.32
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	249.21	28.55
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	258.09	28.77
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	279.20	29.00
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	290.08	29.22
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	318.02	29.68
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	229.51	28.09
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	238.36	28.32
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	245.14	28.55
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	262.19	28.77
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	273.08	29.00
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	294.19	29.22
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	309.14	29.45
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	345.28	29.90
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	295.57	28.32
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	328.89	28.55
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	350.04	28.77
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	397.73	29.00
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	324.83	29.22
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	356.19	29.45
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	395.63	29.68
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	459.61	30.13
11 41 33 00-0044		63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	188.58	27.41
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	197.43	27.64
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	208.32	27.87
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	215.16	28.09
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	228.06	28.32
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	238.99	28.55
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	247.83	28.77
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	267.56	29.22
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	203.53	27.64
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	210.37	27.87
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	217.21	28.09
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	236.26	28.32
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	249.21	28.55
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	266.20	28.77
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	273.00	29.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	277.02	29.45
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	212.42	27.87
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	227.38	28.09
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	238.31	28.32
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	251.21	28.55
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	260.10	28.77
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	281.20	29.00
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	292.10	29.22
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	320.03	29.68
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	231.52	28.09
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	240.36	28.32
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	247.15	28.55
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	264.20	28.77
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	275.09	29.00
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	296.19	29.22
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	311.14	29.45
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	347.29	29.90
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	297.57	28.32
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	330.90	28.55
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	352.04	28.77
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	399.73	29.00
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	326.83	29.22
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	358.19	29.45
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	397.67	29.68
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	461.61	30.13

11 41 33 00-0085 66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	189.63	27.41
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	198.48	27.64
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	209.37	27.87
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	216.20	28.09
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	229.10	28.32
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	240.03	28.55
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	248.88	28.77
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	268.61	29.22
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	204.59	27.64
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	211.42	27.87
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	218.26	28.09
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	237.31	28.32
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	250.25	28.55
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	267.25	28.77
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	274.04	29.00
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	297.93	29.45
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	213.47	27.87
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	228.42	28.09
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	239.35	28.32
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	252.25	28.55
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	261.14	28.77
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	282.24	29.00
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	293.14	29.22
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	321.08	29.68
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	232.57	28.09
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	241.41	28.32
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	248.20	28.55
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	265.25	28.77
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	276.14	29.00
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	297.25	29.22
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	312.19	29.45
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	348.33	29.90
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	298.62	28.32
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	331.95	28.55
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	353.10	28.77
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	400.78	29.00
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	327.88	29.22
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	359.24	29.45
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	398.70	29.68
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	462.66	30.13

11 41 33 00-0126 74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	192.68	27.41
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	201.53	27.64
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	212.42	27.87
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	219.26	28.09
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	232.16	28.32
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	243.09	28.55
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	251.94	28.77
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	271.67	29.22
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	207.64	27.64
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	214.48	27.87
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	221.31	28.09
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	240.36	28.32
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	253.30	28.55
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	270.31	28.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	277.10	29.00
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	300.97	29.45
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	216.53	27.87
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	231.48	28.09
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	242.41	28.32
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	255.31	28.55
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	264.20	28.77
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	285.30	29.00
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	296.19	29.22
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	324.14	29.68
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	235.63	28.09
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	244.46	28.32
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	251.26	28.55
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	268.30	28.77
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	279.20	29.00
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	300.29	29.22
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	315.25	29.45
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	351.39	29.90
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	301.68	28.32
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	335.01	28.55
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	356.15	28.77
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	403.83	29.00
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	330.93	29.22
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	362.29	29.45
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	401.77	29.68
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	465.71	30.13
11 41 33 00-0167		86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	200.84	27.41
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	209.69	27.64
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	220.58	27.87
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	227.42	28.09
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	240.32	28.32
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	251.26	28.55
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	260.10	28.77
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	279.83	29.22
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	215.81	27.64
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	222.63	27.87
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	229.47	28.09
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	248.53	28.32
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	261.47	28.55
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	278.47	28.77
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	285.26	29.00
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	309.14	29.45
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	224.69	27.87
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	239.64	28.09
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	250.58	28.32
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	263.47	28.55
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	272.36	28.77
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	293.47	29.00
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	304.36	29.22
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	332.29	29.68
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	243.78	28.09
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	252.62	28.32
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	259.42	28.55
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	276.46	28.77
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	287.35	29.00
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	308.46	29.22
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	323.40	29.45
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	359.55	29.90
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	309.84	28.32
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	343.17	28.55
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	364.32	28.77
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	411.99	29.00
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	339.09	29.22
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	370.45	29.45
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	409.94	29.68
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	473.87	30.13
11 41 33 00-0208		96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	230.99	27.41
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	241.87	27.64
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	255.32	27.87
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	263.70	28.09
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	279.65	28.32
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	293.15	28.55
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	304.03	28.77
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	328.36	29.22
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	249.51	27.64
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	257.88	27.87
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	266.26	28.09
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	289.90	28.32
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	305.91	28.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	327.00	28.77
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	335.31	29.00
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	364.82	29.45
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	260.46	27.87
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	278.97	28.09
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	292.47	28.32
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	308.42	28.55
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	319.36	28.77
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	345.57	29.00
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	359.02	29.22
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	393.60	29.68
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	284.16	28.09
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	295.03	28.32
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	303.35	28.55
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	324.49	28.77
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	337.93	29.00
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	364.14	29.22
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	382.66	29.45
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	427.50	29.90
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	366.55	28.32
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	408.04	28.55
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	434.30	28.77
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	493.74	29.00
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	402.44	29.22
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	441.47	29.45
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	490.65	29.68
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	570.23	30.13

11 41 33 00-0249 Galvanized Shelving Units *(11 41 33 00-0001)*

11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*

11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	206.95	27.41
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	216.37	27.64
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	228.00	27.87
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	237.41	28.09
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	251.23	28.32
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	262.82	28.55
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	274.45	28.77
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	293.27	29.22
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	222.92	27.64
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	230.19	27.87
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	243.96	28.09
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	259.96	28.32
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	273.77	28.55
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	291.91	28.77
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	305.73	29.00
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	326.80	29.45
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	232.37	27.87
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	250.55	28.09
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	262.14	28.32
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	275.96	28.55
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	285.37	28.77
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	310.09	29.00
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	321.73	29.22
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	355.86	29.68
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	254.92	28.09
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	264.32	28.32
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	271.60	28.55
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	289.73	28.77
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	310.09	29.00
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	332.63	29.22
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	350.82	29.45
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	391.55	29.90

11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*

11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	211.31	27.41
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	220.73	27.64
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	232.37	27.87
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	241.77	28.09
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	255.60	28.32
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	267.18	28.55
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	278.82	28.77
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	297.63	29.22
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	227.28	27.64
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	234.55	27.87
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	248.32	28.09
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	264.32	28.32
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	278.14	28.55
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	296.27	28.77
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	310.09	29.00
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	331.14	29.45
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	236.73	27.87
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	254.92	28.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	266.50	28.32
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	280.32	28.55
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	289.73	28.77
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	314.46	29.00
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	326.09	29.22
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	360.23	29.68
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	259.28	28.09
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	268.69	28.32
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	275.96	28.55
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	294.09	28.77
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	314.46	29.00
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	337.00	29.22
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	355.18	29.45
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	395.91	29.90
11 41 33 00-0316		**74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	215.68	27.41
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	225.09	27.64
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	236.73	27.87
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	246.14	28.09
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	259.96	28.32
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	271.54	28.55
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	283.18	28.77
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	301.99	29.22
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	231.64	27.64
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	238.92	27.87
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	252.69	28.09
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	268.69	28.32
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	282.50	28.55
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	300.63	28.77
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	314.46	29.00
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	335.50	29.45
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	241.09	27.87
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	259.28	28.09
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	270.86	28.32
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	284.69	28.55
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	294.09	28.77
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	318.82	29.00
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	330.46	29.22
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	364.59	29.68
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	263.64	28.09
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	273.05	28.32
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	280.32	28.55
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	298.46	28.77
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	318.82	29.00
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	341.36	29.22
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	359.55	29.45
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	400.27	29.90
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	226.63	27.41
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	236.05	27.64
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	247.69	27.87
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	257.09	28.09
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	270.92	28.32
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	282.50	28.55
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	294.14	28.77
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	312.95	29.22
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	242.60	27.64
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	249.87	27.87
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	263.64	28.09
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	279.64	28.32
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	293.46	28.55
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	311.59	28.77
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	325.41	29.00
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	346.46	29.45
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	252.05	27.87
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	270.24	28.09
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	281.82	28.32
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	295.64	28.55
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	305.05	28.77
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	329.78	29.00
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	341.41	29.22
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	375.55	29.68
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	274.60	28.09
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	284.01	28.32
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	291.28	28.55
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	309.41	28.77
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	329.78	29.00
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	352.32	29.22
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	370.50	29.45
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	411.23	29.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0382		54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	368.60	28.09
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	402.78	28.55
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	447.86	29.00
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	475.46	29.45
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	400.56	28.55
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	458.78	29.00
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	503.87	29.45
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	570.82	29.90
11 41 33 00-0391		63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	372.96	28.09
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	407.15	28.55
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	452.23	29.00
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	479.82	29.45
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	404.92	28.55
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	463.14	29.00
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	508.23	29.45
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	575.18	29.90
11 41 33 00-0400		74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	377.33	28.09
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	411.51	28.55
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	456.60	29.00
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	484.19	29.45
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	409.28	28.55
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	467.51	29.00
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	512.60	29.45
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	579.56	29.90
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	388.28	28.09
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	422.46	28.55
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	467.55	29.00
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	495.14	29.45
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	420.24	28.55
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	478.46	29.00
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	523.55	29.45
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	590.50	29.90
11 41 33 00-0418		Stainless Steel Shelving Unit *(11 41 33 00-0001)*		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	628.79	28.09
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	732.93	28.55
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	864.55	29.00
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,002.39	29.45
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	741.66	28.55
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	861.12	29.00
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,017.71	29.45
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,224.58	29.90
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	650.66	28.09
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	754.80	28.55
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	889.53	29.00
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,024.25	29.45
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	763.53	28.55
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	882.98	29.00
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,039.57	29.45
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,246.45	29.90
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	672.52	28.09
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	776.66	28.55
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	911.39	29.00
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,046.12	29.45
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	785.39	28.55
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	904.85	29.00
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,061.44	29.45
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,268.31	29.90
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	746.89	28.09

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	823.60	28.55
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	925.33	29.00
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	986.91	29.45
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	890.34	28.55
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,044.76	29.00
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,157.49	29.45
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,325.88	29.90
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	768.75	28.09
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	846.79	28.55
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	950.31	29.00
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,012.93	29.45
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	912.21	28.55
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,066.62	29.00
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,180.58	29.45
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,350.86	29.90
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	790.62	28.09
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	868.24	28.55
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	971.21	29.00
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,033.54	29.45
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	934.07	28.55
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,088.49	29.00
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,201.74	29.45
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,370.92	29.90
11 41 33 00-0473		Galvanized Steel Dunnage Rack *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	155.54	20.20
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	163.46	20.76
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	172.42	21.33
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	188.63	21.89
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	202.76	22.45
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	165.91	20.20
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	180.04	20.76
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	189.00	21.33
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	204.17	21.89
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	221.42	22.45
11 41 33 00-0484		Stainless Steel Dunnage Rack *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	388.43	21.33
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	482.71	21.89
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	802.91	22.45
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	423.09	21.33
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	522.85	21.89
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	873.74	22.45
11 41 33 00-0491		Mobile Racks *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	1,378.51	34.01
11 41 33 00-0493		Can Racks *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	2,096.89	34.01

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		Vertical Cutter Mixers *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	8,144.24	194.26
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	9,349.90	194.26
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	11,731.31	334.13
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	13,296.68	543.94
11 42 13 00-0006		Choppers *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 LB	2,057.80	155.41
11 42 13 00-0008	EA	Choppers, 16 LB	3,016.89	202.03
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	5,803.65	248.66
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	4,810.88	220.91
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	5,452.08	220.91
11 42 13 00-0012		Floor Model Mixer *(11 42 13)*		
11 42 13 00-0013	EA	Floor Type Mixers, 20 Quart	3,879.25	116.56
11 42 13 00-0014	EA	Floor Type Mixers, 60 Quart	9,535.35	77.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0015	EA	Floor Type Mixers, 80 Quart	15,049.70	77.70
11 42 13 00-0016	EA	Floor Type Mixers, 140 Quart	19,074.67	124.33
11 42 13 00-0017		Slicers *(11 42 13)*		
11 42 13 00-0018	EA	Slicer With Table	3,245.35	112.21
11 42 13 00-0019		Peelers *(11 42 13)*		
11 42 13 00-0020	EA	Small Peeler	2,233.44	126.27
11 42 13 00-0021	EA	Large Peeler	2,370.69	168.39
11 42 13 00-0022		Proof Boxes *(11 42 13)*		
11 42 13 00-0023	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	1,142.77	59.14
11 42 13 00-0024	EA	30-1/2" x 45", Stainless Steel Proof Box	1,912.42	99.10
11 42 13 00-0025	EA	30-1/2" x 45", Galvanized Proof Box	1,742.48	44.99
11 42 13 00-0026		Non-Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0027	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,547.46	56.67
11 42 13 00-0028	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,659.99	60.59
11 42 13 00-0029	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,536.96	56.21
11 42 13 00-0030	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,628.97	59.59
11 42 13 00-0031		Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0032	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	2,530.92	105.06
11 42 13 00-0033	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	2,644.86	109.84
11 42 13 00-0034		Pass-Thru Hot Food Holding Cabinet *(11 42 13)*		
11 42 13 00-0035	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	3,952.92	163.18
11 42 13 00-0036	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	4,199.70	163.18
11 42 13 00-0037	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	5,341.59	170.95
11 42 13 00-0038	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	5,845.70	170.95
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		Tables *(11 42 16)*		
11 42 16 00-0002		Baker's Table *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	780.39	46.84
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,531.64	91.84
11 42 16 00-0005	EA	10' Undershelf Baker's Table	1,889.81	113.33
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,026.89	121.68
11 42 16 00-0007	EA	10' Bins Baker's Table	2,982.09	179.09
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	4,682.74	281.11
11 42 16 00-0009		Preparation Table, Stainless Steel, With Undershelf *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf	422.95	24.70
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf	458.58	29.66
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf	688.97	40.32
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	445.35	25.99
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	572.41	33.43
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	491.69	28.75
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	591.84	34.62
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	119.55	6.98
11 42 16 00-0019		Mobile Tables *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,659.82	22.13
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	904.81	26.54
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	509.66	29.84
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	910.23	53.27
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	738.28	43.17
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	61.28	3.58
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	89.64	5.24
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	1,784.15	92.62
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	3,549.85	184.79
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	258.32	18.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	323.00	35.13

11 42 23 Food Preparation Scullery Sinks *(11 42)*

11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)* Note: Excludes faucet. See CSI section 22 42 39 00-0086 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	2,451.55	147.41
		For Additional Drain Board, Add	*230.42*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	3,370.61	168.46
		For Additional Drain Board, Add	*321.27*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	4,414.39	168.46
		For Additional Drain Board, Add	*424.59*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	6,265.98	168.46
		For Additional Drain Board, Add	*609.75*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	4,042.06	168.46

11 44 Food Cooking Equipment *(11 40)*

11 44 13 Commercial Ranges *(11 44)*

11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy Duty Range, With 34" Open Top Oven	1,933.21	77.70
11 44 13 00-0003	EA	Range With Fry Top	1,933.21	77.70
11 44 13 00-0004	EA	Steel Finish Fry Top	4,119.41	111.23
11 44 13 00-0005	EA	Stainless Top Only Fry Top	4,117.37	109.96
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	4,757.91	128.03
11 44 13 00-0007	EA	Gas Range, Vulcan #260L Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.	4,297.98	114.07

11 44 16 Commercial Ovens *(11 44)*

11 44 16 00-0001		Bake Oven *(11 44 16)*		
11 44 16 00-0002	EA	Bake Oven - Single Deck	4,011.68	116.56
11 44 16 00-0003	EA	Bake Oven - Double Deck	8,160.68	155.41
11 44 16 00-0004	EA	Bake Oven - Triple Deck	11,862.65	155.41
11 44 16 00-0005	EA	Rotary Oven, Gas, Medium	30,313.14	5,050.87
11 44 16 00-0006		Combination Ovens *(11 44 16)* Note: Convection, steam and combination modes.		
11 44 16 00-0007	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	12,560.09	135.99
11 44 16 00-0008	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	20,565.24	155.41
11 44 16 00-0009	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	17,005.18	155.41
11 44 16 00-0010	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	40,933.31	194.26
11 44 16 00-0011	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	31,103.69	194.26
11 44 16 00-0012		Electric Convection Type Oven *(11 44 16)*		
11 44 16 00-0013	EA	40" x 45" x 57" Convection Oven	6,268.81	132.10
11 44 16 00-0014	EA	30" x 25" x 29" Half Size Electric Convection Oven	3,715.34	135.99
11 44 16 00-0015	EA	30" x 25" x 66-3/4" Half Size Electric Convection Oven	7,548.02	145.70
11 44 16 00-0016	EA	40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven	5,223.08	145.70
11 44 16 00-0017	EA	40" x 41-1/2" x 70" Single Deck Electric Convection Oven	9,852.76	155.41
11 44 16 00-0018		Broiler, Without Oven *(11 44 16)*		
11 44 16 00-0019	EA	69" x 26" x 39" Broiler Without Oven	5,357.99	124.33
11 44 16 00-0020	EA	Conveyor Broiler	4,766.78	144.30

11 44 19 Other Commercial Cooking Equipment *(11 44)*

11 44 19 00-0001		Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep Electric Griddle	2,254.62	106.84
11 44 19 00-0003	EA	36" Wide x 24" Deep Electric Griddle	3,179.31	106.84
11 44 19 00-0004	EA	48" Wide x 24" Deep Electric Griddle	3,635.38	116.56
11 44 19 00-0005	EA	60" Wide x 24" Deep Electric Griddle	4,336.24	116.56
11 44 19 00-0006	EA	72" Wide x 24" Deep Electric Griddle	5,543.83	126.27
11 44 19 00-0007		Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0008	EA	Single Fryer With Submerger	2,941.76	124.33
11 44 19 00-0009	EA	Double Fryer With Submerger	5,943.98	155.41
11 44 19 00-0010	EA	Fryer Battery With Filter Unit (Single 42 LB Capacity)	8,990.76	202.03
11 44 19 00-0011	EA	Fryer Battery With Filter Unit (Triple 42 LB Capacity)	21,225.45	252.54
11 44 19 00-0012	EA	50 LB Capacity, 208 Volt, Electric Fryer	3,550.92	155.41
11 44 19 00-0013	EA	50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	5,186.86	163.18
11 44 19 00-0014	EA	50 LB Capacity, 480 Volt, Electric Fryer	3,722.65	155.41
11 44 19 00-0015	EA	50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	5,358.59	163.18
11 44 19 00-0016	EA	85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	11,715.39	202.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0017	EA	85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	11,997.20	202.03
11 44 19 00-0018		**Kettles, Steam Jacketed** *(11 44 19)*		
11 44 19 00-0019	EA	5 Gallon Kettle, With Stand	3,025.78	91.25
11 44 19 00-0020	EA	20 Gallon Kettle With Steam Jacket	4,003.30	91.25
11 44 19 00-0021	EA	40 Gallon Kettle With Steam Jacket	7,089.42	91.25
11 44 19 00-0022	EA	60 Gallon Kettle With Steam Jacket	11,061.87	91.25
11 44 19 00-0023		**Steamers, Electric** *(11 44 19)*		
11 44 19 00-0024		**Cooking Equipment/ Steamers** *(11 44 19 00-0023)*		
11 44 19 00-0025	EA	3 Pan, Electric Countertop Convection Steamer	4,845.61	163.18
11 44 19 00-0026	EA	5 Pan, Electric Countertop Convection Steamer	6,356.81	170.95
11 44 19 00-0027	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	4,490.40	163.18
11 44 19 00-0028	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	6,510.18	170.95
11 44 19 00-0029		**Braising Pans** *(11 44 19)*		
11 44 19 00-0030	EA	24" x 24", 240 Volt, Tilting Braising Pan	6,359.78	159.05
11 44 19 00-0031	EA	24" x 31", 240 Volt, Tilting Braising Pan	6,711.14	167.27
11 44 19 00-0032	EA	24" x 41", 240 Volt, Tilting Braising Pan	7,147.89	178.12
11 44 19 00-0033	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	8,290.74	207.41
11 44 19 00-0034	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	8,572.99	213.81
11 44 19 00-0035	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	8,905.77	219.46
11 44 19 00-0036		**Toasters** *(11 44 19)*		
11 44 19 00-0037	EA	Bun Toaster 3.2 KW	1,263.82	35.82
11 44 19 00-0038	EA	Bun Toaster 4.3 KW	1,379.25	39.03
11 44 19 00-0039	EA	Pop-Up Toaster, 2 Slot	432.09	84.15
11 44 19 00-0040	EA	Conveyor Toaster	740.69	126.27
11 44 19 00-0041		**Microwave Ovens** *(11 44 19)*		
11 44 19 00-0042	EA	1,000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer	666.64	
11 44 19 00-0043	EA	1,000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display	925.35	
11 44 19 00-0044		**Ceramic Broiler On Storage Base With Doors** *(11 44 19)*		
11 44 19 00-0045	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	5,239.93	130.40
11 44 19 00-0046	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	5,239.93	130.40
11 44 19 00-0047	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	6,512.79	162.79
11 44 19 00-0048		**Gas Countertop Hot Plate** *(11 44 19)*		
11 44 19 00-0049	EA	2 Burners Gas Countertop Hot Plate	668.04	16.60

11 46 Food Dispensing Equipment *(11 40)*

11 46 13 Bar Equipment *(11 46)*

11 46 13 00-0001		**Soft Serve Machines** *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	9,139.16	91.85
11 46 13 00-0003	EA	Soft Serve Machines, Large	15,411.32	112.21
11 46 13 00-0004		**Salad Bars** *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	6,927.13	353.60
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	6,368.58	353.60
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	4,451.07	194.27
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	3,523.12	159.60
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	5,347.71	234.15
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	5,865.46	207.41
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,154.13	35.13
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,227.76	35.13

11 46 16 Service Line Equipment *(11 46)*

11 46 16 00-0001		**Food Warmer Holding Station** *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	466.95	13.22
11 46 16 00-0003		**Roll And Food Warmers** *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,004.84	28.47
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	2,299.55	65.21
11 46 16 00-0006		**Hot Cabinets With Top Wells Electric** *(11 46 16)*		
11 46 16 00-0007	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	5,357.52	130.40
11 46 16 00-0008	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	7,654.62	186.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0009		**Portable Hot Food Units** *(11 46 16)*		
11 46 16 00-0010	EA	44-1/2", 3 Opening Portable Hot Food Unit	1,181.78	28.84
11 46 16 00-0011	EA	72-1/2", 5 Opening Portable Hot Food Unit	1,720.66	41.98
11 46 16 00-0012		**Stationary Hot Food Units** *(11 46 16)*		
11 46 16 00-0013	EA	44-1/2", 3 Opening Stationary Hot Food Unit	1,063.39	26.55
11 46 16 00-0014	EA	72-1/2", 5 Opening Stationary Hot Food Unit	1,569.08	39.15
11 46 16 00-0015		**Serving Counters** *(11 46 16)*		
11 46 16 00-0016	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	96.81	31.70
11 46 16 00-0017	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	122.94	48.57
11 46 16 00-0018		**Drop-In Equipment** *(11 46 16)*		
11 46 16 00-0019	EA	Hot Food Well, Rectangular	411.71	101.02
11 46 16 00-0020	EA	Hot Food Well, Circular	378.94	101.02
11 46 16 00-0021	EA	Refrigerated Well, 2 Compartment	990.39	101.02
11 46 16 00-0022	EA	Refrigerated Well, 3 Compartment	1,123.21	112.21
11 46 16 00-0023	EA	Refrigerated Well, 4 Compartment	1,275.16	126.27
11 46 16 00-0024	EA	Frost Cold Plate	1,551.34	112.21
11 46 16 00-0025		**Beverage Dispensing** *(11 46 16)*		
11 46 16 00-0026	EA	Coffee Urn, Twin 3 Gallon	2,530.06	163.43
11 46 16 00-0027	EA	Coffee Urn, Twin 6 Gallon	3,602.68	228.76
11 46 16 00-0028	EA	Coffee Brewer, 5 Burner	1,063.96	163.43
11 46 16 00-0029	EA	Hot Chocolate Dispenser	1,030.85	134.61
11 46 16 00-0030	EA	Iced Tea Brewer	1,497.71	134.61
11 46 16 00-0031	EA	Juice Dispenser (Concentrate)	1,103.81	224.26
11 46 16 00-0032	EA	Jet Spray Dispenser	1,554.69	224.49
11 46 16 00-0033	EA	Milk Dispenser, Bulk, 2 Flavor	1,297.65	126.27
11 46 16 00-0034	EA	Milk Dispenser, Bulk, 3 Flavor	1,764.51	126.27
11 46 16 00-0035		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0036	EA	Dish Dispenser, 12", Drop-in	517.09	24.28
11 46 16 00-0037	EA	Dish Dispenser, Mobile	1,609.61	28.37
11 46 16 00-0038	EA	Cup And Glass Dispenser, Drop-in	884.92	75.51
11 46 16 00-0039	EA	Disposable Cup Dispenser, Drop-in	320.68	17.01
11 46 16 00-0040		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0041	EA	Tray And Silver Dispensers Mobile	2,009.56	17.01
11 46 16 00-0042		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Butter Pat Dispenser	119.51	21.30
11 46 16 00-0044	EA	Bread Dispenser, Counter Top	334.10	21.30
11 46 16 00-0045		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0046	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	2,545.49	105.52
11 46 16 00-0047		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0048	EA	Mobile Bread And Roll Counter	5,841.46	237.22
11 46 16 00-0049		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0050	EA	6' Open Service Stand	2,245.08	81.67
11 46 16 00-0051	LF	Each Additional Ft Over 6 Ft Add	307.13	11.04
11 46 16 00-0052		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0053	EA	36" Mobile Serving Stand Unit	1,962.11	78.11
11 46 16 00-0054	EA	96" Mobile Serving Stand Unit	3,222.95	117.08
11 46 16 00-0055		**Reach-In Heated Cabinets** *(11 46 16)*		
11 46 16 00-0056	EA	Heated Cabinet, Reach-in, 1 Compartment	3,944.75	129.54
11 46 16 00-0057	EA	Heated Cabinet, Reach-in, 2 Compartment	5,682.45	162.95
11 46 16 00-0058	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	4,129.03	129.54
11 46 16 00-0059	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	5,950.28	162.95
11 46 16 00-0060		**Mobile Heated Cabinets** *(11 46 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0061	EA	Heated Cabinet, Mobile	4,426.01	42.52

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001 Carbonated Beverage Dispensing *(11 46 19)*

11 46 19 00-0002	EA	Carbonated Beverage Dispenser	2,775.64	315.71
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 LB Ice	4,395.81	360.79
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 LB Ice	8,073.66	505.09

11 46 19 00-0005 Beverage Chilling Systems *(11 46 19)*

11 46 19 00-0006	EA	Beverage Chiller, Small	4,174.48	280.74
11 46 19 00-0007	EA	Beverage Chiller, Large	7,739.32	421.15

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001 Ice Cube Maker *(11 46 83)*

11 46 83 00-0002	EA	101 LB/Day, Self Contained Ice Maker With Built-In Bin	1,830.26	135.99
11 46 83 00-0003	EA	201 LB/Day, Self Contained Ice Maker With Built-In Bin	2,165.86	145.70
11 46 83 00-0004	EA	260 LB/Day, Self Contained Ice Maker With Built-In Bin	2,478.88	155.41
11 46 83 00-0005	EA	320 LB/Day, Modular Ice Maker Without Bin	2,188.45	145.70
11 46 83 00-0006	EA	451 LB/Day, Modular Ice Maker Without Bin	2,376.62	155.41
11 46 83 00-0007	EA	600 LB/Day, Modular Ice Maker Without Bin	2,709.24	155.41
11 46 83 00-0008	EA	901 LB/Day, Modular Ice Maker Without Bin	3,843.81	165.12
11 46 83 00-0009	EA	1301 LB/Day, Modular Ice Maker Without Bin	4,350.19	165.12
11 46 83 00-0010	EA	1601 LB/Day, Modular Ice Maker Without Bin	5,231.69	174.84
11 46 83 00-0011	EA	1900 LB/Day, Modular Ice Maker Without Bin	5,769.82	174.84

11 46 83 00-0012 Ice Flakers *(11 46 83)*

11 46 83 00-0013	EA	Ice Flakers, 300 LB/Day	3,347.68	457.69
11 46 83 00-0014	EA	Ice Flakers, 600 LB/Day	6,015.84	732.31
11 46 83 00-0015	EA	Ice Flakers, 1,000 LB/Day	7,491.02	1,006.92
11 46 83 00-0016	EA	Ice Flakers, 2,000 LB/Day	9,080.56	1,098.46

11 46 83 00-0017 Ice Storage Bins *(11 46 83)*

11 46 83 00-0018	EA	260 LB Stainless Steel Ice Storage Bin	899.70	102.06
11 46 83 00-0019	EA	360 LB Stainless Steel Ice Storage Bin	981.00	102.06
11 46 83 00-0020	EA	550 LB Stainless Steel Ice Storage Bin	1,214.82	110.56
11 46 83 00-0021	EA	660 LB Stainless Steel Ice Storage Bin	1,305.16	110.56
11 46 83 00-0022	EA	1150 LB Stainless Steel Ice Storage Bin	2,451.37	119.07

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001 Sprays And Hoses *(11 48 13)*

11 48 13 00-0002 Sprays, Fillers *(11 48 13 00-0001)*

11 48 13 00-0003	EA	Pre-Rinse Spray	338.59	66.89
11 48 13 00-0004	EA	Kettle Fillers	297.64	66.89

11 48 13 00-0005 Hoses *(11 48 13 00-0001)*

11 48 13 00-0006	EA	Hose Reel	406.32	80.30
11 48 13 00-0007	EA	Wash-Down Hose	324.41	80.30
11 48 13 00-0008	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,235.87	

11 48 13 00-0009 Rack Type Dishwasher *(11 48 13)*

11 48 13 00-0010	EA	Dishwasher, 1 Tank And 190 Racks/Hour	7,137.31	183.02
11 48 13 00-0011	EA	Dishwasher, 2 Tanks And 234 Racks/Hour	11,883.49	256.22
11 48 13 00-0012	EA	Dishwasher, 2 Tanks And 265 Racks/Hour	14,290.23	274.52
11 48 13 00-0013	EA	Dishwasher, Automatic - 100 Meals/Hour	11,404.21	137.26
11 48 13 00-0014	EA	Dishwasher, Machine Rack	13,400.65	381.31
11 48 13 00-0015	EA	Dishwasher, Hobart LX30-H	3,591.50	160.14

11 48 13 00-0016 Exhaust Hood Dishwasher *(11 48 13)*

11 48 13 00-0017	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	1,507.18	187.16
11 48 13 00-0018	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,509.33	224.60

11 48 13 00-0019 Dish Tables *(11 48 13)*

11 48 13 00-0020	LF	Clean/Soiled Dish Table, Basic	181.99	35.13
11 48 13 00-0021	LF	Clean/Soiled Dish Table With Trough	284.65	52.65
11 48 13 00-0022	LF	Clean/Soiled Dish Table, Maximum	348.42	70.16

11 48 16 Food Waste Disposers *(11 48)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 16 00-0001		Garbage Disposals *(11 48 16)*		
		Note: Manual switch.		
11 48 16 00-0002	EA	Garbage Disposal 1.5 HP At 100 GPH	2,023.48	137.26
11 48 16 00-0003	EA	Garbage Disposal 3 HP At 120 GPH	3,096.49	91.51
11 48 16 00-0004	EA	Garbage Disposal 5 HP At 250 GPH	3,694.44	183.02
11 48 16 00-0005	EA	Garbage Disposal 7-1/2 HP	5,083.26	181.91
11 48 16 00-0006		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0007	EA	5 HP, Pulper/Extractor, Close-Coupled	4,490.23	190.60

11 50 Educational And Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001		Screens *(11 52 13 13)*		
11 52 13 13-0002		Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*		
11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	197.62	64.31
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	239.77	82.68
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	318.67	114.84
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	374.61	137.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	572.42	206.71
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	658.35	229.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	452.98	146.99
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	536.48	183.74
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	265.17	78.09
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	369.49	110.25
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	407.05	124.03
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	435.42	133.21
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	510.54	160.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	398.67	114.84
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	455.42	133.21
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0018		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	379.77	82.68
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	468.67	114.84
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	571.36	156.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	692.42	206.71
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	741.60	211.30
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	798.35	229.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	808.35	229.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	865.91	243.45
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	923.47	257.24
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	990.22	275.61
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	1,070.22	275.61
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	1,293.96	367.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	668.67	114.84
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	781.36	156.17
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	902.42	206.71
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	941.60	211.30
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,008.35	229.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,018.35	229.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,075.91	243.45
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,104.29	252.64
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,230.22	275.61
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,320.22	275.61
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,563.96	367.48
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,356.28	103.35
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,392.96	114.84
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,464.96	137.81
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,720.75	206.71
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,762.85	211.30
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,875.05	229.67
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,909.34	229.67
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,007.35	245.75
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,122.22	257.24
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,204.24	275.61
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,265.97	275.61
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,556.71	367.48

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	2,250.22	275.61
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	2,513.96	367.48
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,065.83	413.42
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,257.70	459.35
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,541.44	551.22
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,933.31	597.16
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,295.18	643.09
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,495.18	643.09
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,888.92	734.96
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,433.31	597.16
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,808.92	734.96
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	5,092.66	826.83
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,725.18	643.09
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,092.66	826.83

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,905.71	103.35
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	1,958.67	114.84
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,024.61	137.81
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,232.42	206.71
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,261.60	211.30
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,358.35	229.67
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,418.35	229.67
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,480.51	245.75
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,553.47	257.24
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,630.22	275.61
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,650.22	275.61
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,933.96	367.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,139.89	390.45
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,285.83	413.42
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,597.70	459.35
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,831.44	551.22

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,601.71	103.35
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,661.64	126.32
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,693.61	137.81
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,860.42	206.71
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,878.60	211.30
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,953.35	229.67
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,006.35	229.67
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,109.51	245.75
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,146.47	257.24
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,226.22	275.61
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,278.09	321.54
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,509.96	367.48
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,053.89	390.45
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,194.83	413.42
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,471.70	459.35
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,697.44	551.22
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,024.31	597.16
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,283.18	643.09
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,429.18	643.09
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,924.92	734.96
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,693.61	137.81
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,814.48	183.74
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,869.42	206.71
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,156.47	257.24
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,361.09	321.54
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,943.83	413.42
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,203.57	505.29
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,405.05	689.02
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,819.48	183.74
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,884.42	206.71
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,940.98	220.49
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	1,986.73	238.86
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,108.47	257.24
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,323.09	321.54
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,916.83	413.42
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,402.57	505.29
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,111.31	597.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)*		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,597.76	103.35
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,653.64	114.84
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,724.27	137.81
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,947.13	206.71
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,983.75	211.30
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,079.49	229.67
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,171.40	229.67
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,262.55	245.75
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,329.40	257.24
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,436.12	275.61
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,530.77	275.61
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,794.07	367.48
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)*		
		Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	4,838.35	229.67
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,210.22	275.61
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	6,165.83	413.42
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	7,801.44	551.22
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	8,685.18	643.09
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,118.35	229.67
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,620.22	275.61
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,982.09	321.54
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	7,525.83	413.42
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)*		
		Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	2,559.14	229.67
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	3,188.68	252.64
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	3,643.13	275.61
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,431.99	298.58
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	7,119.88	6,798.33
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	7,912.07	367.48
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	10,104.90	413.42
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	13,581.65	459.35
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	15,190.88	505.29
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	20,243.35	551.22
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.		
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	31.78	6.89
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	41.78	7.35
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	47.78	8.27
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	261.95	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	371.95	
11 52 13 13-0168		Relocate Existing Fixed Projection Screen *(11 52 13 13)*		
11 52 13 13-0169	EA	Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,351.03	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		Motion Picture Screen And Case *(11 52 13 16)*		
11 52 13 16-0002	SF	Screen, Riser Projection With Anodized Aluminum Frame	19.24	3.31
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	727.47	45.94
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	838.70	45.94
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	1,100.89	45.94
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,720.59	45.94
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,998.67	45.94
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	2,530.99	45.94
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	4,008.75	45.94
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	5,422.97	45.94
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	8,036.87	45.94
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	183.41	50.52
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	282.04	50.52
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)* Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	69.38	22.95
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	89.62	22.95
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	119.58	22.95
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	150.44	22.95
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	208.21	22.95
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	444.19	22.95
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	37.50	6.89
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	47.49	6.89
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	51.24	6.89
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	53.73	6.89
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	64.56	9.18
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	77.05	9.18
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	97.03	9.18
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	110.76	9.18
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	130.32	11.48
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	147.80	11.48
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	164.89	13.78
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	172.38	13.78
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)* Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	75.39	11.48
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	112.84	11.48
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	115.34	11.48
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	119.08	11.48
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	129.93	13.78
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	136.17	13.78
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	149.90	13.78
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	162.39	13.78
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	180.72	16.07
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	193.21	16.07
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	211.53	18.37
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	220.27	18.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 53 Laboratory Equipment *(11 50)*

11 53 43 Service Fittings And Accessories *(11 53)*

11 53 43 00-0001 Outlet And Valves *(11 53 43)*

11 53 43 00-0002	EA	Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	629.73	

11 53 43 00-0003 Test And Certify *(11 53 43)*

11 53 43 00-0004	EA	Test And Certify Medical Gas Port	45.77	

11 70 Healthcare Equipment *(11)*

11 72 Examination And Treatment Equipment *(11 70)*

11 72 13 Examination Equipment *(11 72)*

11 72 13 00-0001 Sharps Containers *(11 72 13)*

11 72 13 00-0002	EA	3 Quart Disposable Sharps Containers, Wall Mounted Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.	149.02	
11 72 13 00-0003	EA	2 Gallon Disposable Sharps Containers, Wall Mounted Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.	190.87	
11 72 13 00-0004	EA	3 Gallon Disposable Sharps Containers, Wall Mounted Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.	169.49	
11 72 13 00-0005	EA	One-Quart Disposable Phlebotomy Container, Wall Mounted Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.	269.02	

11 73 Patient Care Equipment *(11 70)*

11 73 23 Patient Lift *(11 73)*

11 73 23 00-0001 Ceiling Patient Lift *(11 73 23)*

11 73 23 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	7,193.61	

11 73 23 00-0003 Ceiling Patient Lift System *(11 73 23)*
Note: Guldmann

11 73 23 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control	7,764.21	789.86
11 73 23 00-0005	EA	550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook	393.06	
11 73 23 00-0006	EA	550 LB Weight Capacity Traverse Traveling Trolley Room Covering System	517.72	109.70
11 73 23 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control	11,002.33	1,097.03
11 73 23 00-0008	EA	1,000 LB Weight Capacity Hanging Bar	3,392.13	
11 73 23 00-0009	EA	1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System	1,177.48	241.34
11 73 23 00-0010	LF	Aluminum Midi Rail	206.79	26.33
11 73 23 00-0011	EA	Wire For Charging Liner	78.69	
11 73 23 00-0012	LF	Charging Liner For Midi Rail	87.62	
11 73 23 00-0013	EA	End Stops	39.38	
11 73 23 00-0014	EA	Standard Ceiling Brackets	126.44	26.33
11 73 23 00-0015	EA	Charging Kit For Room-Covering System With Midi Rails	239.11	
11 73 23 00-0016	EA	Lock For Charging Liner	42.90	
11 73 23 00-0017	EA	Cover Plate For Midi Rail	4.20	
11 73 23 00-0018	EA	Rosette White	2.38	
11 73 23 00-0019	EA	Aluminum Pipe 2M Profile	115.84	
11 73 23 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	175.66	
11 73 23 00-0021	EA	Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	96.48	
11 73 23 00-0022	EA	Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	96.48	
11 73 23 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	45.85	
11 73 23 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	113.27	

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*
Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0039 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*
Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0003	EA	Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	422.72	68.90
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	364.19	68.90
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	294.52	62.99
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0006		Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)* Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA	Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	333.33	68.90
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	304.76	68.90
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	263.31	62.99
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0010		Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*		
11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	227.00	

11 82 Facility Solid Waste Handling Equipment *(11 80)*

11 82 19 Packaged Incinerators *(11 82)*

11 82 19 00-0001		Electric Incinerator *(11 82 19)*		
11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	21,853.96	822.16
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	44,693.63	1,644.33
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	149,289.16	2,466.49

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001		110 Volt Compactors *(11 82 26)*		
11 82 26 00-0002	EA	Waste Compactor, 110 Volt At 75 LB/Hour	11,891.70	421.53
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 250 LB/Hour	15,154.95	1,011.69
11 82 26 00-0004		230 Volt Compactors *(11 82 26)*		
11 82 26 00-0005	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	15,311.99	1,348.92
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	17,405.79	1,770.45
11 82 26 00-0007		Trash Compactors *(11 82 26)*		
11 82 26 00-0008	EA	Trash Compactor, Small	2,638.74	234.91
11 82 26 00-0009	EA	Trash Compactor, Large	3,246.43	265.83

END OF SECTION 11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation And Maintenance Of Furnishings *(12)*

12 01 60 Operation And Maintenance Of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Replace Seat Part	112.23	
12 01 60 00-0003	EA	Replace Center Armrest Part	54.87	
12 01 60 00-0004	EA	Replace End Armrest Part	73.56	
12 01 60 00-0005	EA	Replace Kick Plate Part	78.95	
12 01 60 00-0006	EA	Replace Back Part	133.08	
12 01 60 00-0007	EA	Replace Standard Part	105.54	
12 01 60 00-0008	EA	Replace Back Bracket Part	49.37	
12 01 60 00-0009	EA	Replace Seat Bracket Part	50.50	
12 01 60 00-0010	EA	Secure Seat To Floor	46.34	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	57.99	
		For Epoxy Anchoring, Add	*15.84*	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	8.88	0.77
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	7.30	0.77
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	7.91	0.77
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	9.13	0.77

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	7.54	0.77
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	8.70	0.77

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	10.44	1.63

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	6.83	1.63
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	9.46	1.63

12 22 Curtains And Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	149.88	11.49
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	155.58	11.49
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	164.85	11.49
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	168.41	11.49
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	176.97	11.49
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	188.38	11.49
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	195.51	11.49
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	205.49	11.49
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	221.18	11.49

12 22 13 00-0012 >48" To 72" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	216.61	15.62
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	229.45	15.62
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	239.43	15.62
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	247.98	15.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	267.95	15.62
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	277.93	15.62
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	286.49	15.62
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	305.03	15.62
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	324.99	15.62
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	286.21	19.75
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	304.75	19.75
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	313.31	19.75
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	333.27	19.75
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	351.81	19.75
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	370.35	19.75
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	380.33	19.75
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	400.29	19.75
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	427.39	19.75
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	360.08	23.89
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	378.62	23.89
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	388.60	23.89
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	417.12	23.89
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	435.66	23.89
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	455.62	23.89
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	408.12	23.89
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	504.10	23.89
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	518.36	23.89
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	425.38	28.02
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	452.47	28.02
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	462.45	28.02
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	490.97	28.02
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	519.49	28.02
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	548.02	28.02
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	576.53	28.02
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	605.06	28.02
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	640.71	28.02
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	499.24	32.16
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	527.76	32.16
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	549.16	32.16
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	577.67	32.16
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	606.20	32.16
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	641.85	32.16
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	670.37	32.16
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	698.89	32.16
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	748.80	32.16
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	564.56	36.29
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	600.21	36.29
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	621.60	36.29
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	657.25	36.29
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	685.76	36.29
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	721.42	36.29
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	778.46	36.29
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	799.85	36.29
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	849.76	36.29
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	636.99	40.42
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	665.52	40.42
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	694.03	40.42
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	736.82	40.42
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	779.60	40.42
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	822.38	40.42
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	858.03	40.42
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	893.68	40.42
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	957.85	40.42
12 22 13 00-0082		**>216" To 240" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	702.30	44.56
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	752.22	44.56
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	773.61	44.56
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	816.39	44.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	866.30	44.56
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	909.08	44.56
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	951.86	44.56
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	994.64	44.56
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	1,065.94	44.56

12 22 16 Drapery Track And Accessories *(12 22)*

12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*

12 22 16 00-0002 Basic Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	86.60	36.50
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	93.77	36.50
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	108.01	40.56
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	130.40	40.56
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	139.66	44.61

12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*

12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	93.47	36.50
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	98.11	36.50
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	118.91	40.56
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	135.33	44.61

12 22 16 00-0013 Double Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	105.28	36.50
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	119.32	36.50
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	143.48	40.56
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	157.28	44.61

12 22 16 00-0018 Curtain Rods *(12 22 16 00-0001)*

12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	5.44	1.65

12 22 16 00-0020 Relocate Drapery And Rod *(12 22 16 00-0001)*

12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	24.33	

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	11.26	0.55
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	11.26	0.55

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	14.37	0.55

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	11.26	0.55

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,529.12	202.79
		For >5 To 9, Deduct	*-58.98*	
		For >9, Deduct	*-117.96*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,483.32	202.79
		For >5 To 9, Deduct	*-109.08*	
		For >9, Deduct	*-218.15*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,303.27	202.79
		For >5 To 9, Deduct	*-99.62*	
		For >9, Deduct	*-199.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,123.22	202.79
		For >5 To 9, Deduct	*-90.17*	
		For >9, Deduct	*-180.34*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,062.12	202.79
		For >5 To 9, Deduct	*-86.96*	
		For >9, Deduct	*-173.92*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,209.88	219.17
		For >5 To 9, Deduct	*-92.99*	
		For >9, Deduct	*-185.98*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	1,990.18	219.17
		For >5 To 9, Deduct	*-81.45*	
		For >9, Deduct	*-162.91*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,038.28	219.17
		For >5 To 9, Deduct	*-83.98*	
		For >9, Deduct	*-167.96*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,261.88	219.17
		For >5 To 9, Deduct	*-95.72*	
		For >9, Deduct	*-191.44*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,939.83	219.17
		For >5 To 9, Deduct	*-131.31*	
		For >9, Deduct	*-262.62*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,230.38	219.17
		For >5 To 9, Deduct	*-146.56*	
		For >9, Deduct	*-293.13*	

12 31 16 00-0016 30" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	1,945.21	230.96
		For >5 To 9, Deduct	*-77.88*	
		For >9, Deduct	*-155.76*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,826.61	230.96
		For >5 To 9, Deduct	*-124.16*	
		For >9, Deduct	*-248.31*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	3,637.16	230.96
		For >5 To 9, Deduct	*-166.71*	
		For >9, Deduct	*-333.42*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,346.61	230.96
		For >5 To 9, Deduct	*-151.46*	
		For >9, Deduct	*-302.91*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,166.56	230.96
		For >5 To 9, Deduct	*-142.00*	
		For >9, Deduct	*-284.01*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,435.96	230.96
		For >5 To 9, Deduct	*-103.65*	
		For >9, Deduct	*-207.29*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	2,413.86	230.96
		For >5 To 9, Deduct	*-102.49*	
		For >9, Deduct	*-204.97*	

12 31 16 00-0024 36" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,148.86	240.13
		For >5 To 9, Deduct	*-87.58*	
		For >9, Deduct	*-175.15*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,618.16	240.13
		For >5 To 9, Deduct	*-112.22*	
		For >9, Deduct	*-224.43*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,445.26	240.13
		For >5 To 9, Deduct	*-103.14*	
		For >9, Deduct	*-206.28*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,838.86	240.13
		For >5 To 9, Deduct	*-176.30*	
		For >9, Deduct	*-352.60*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,548.96	240.13
		For >5 To 9, Deduct	*-161.08*	
		For >9, Deduct	*-322.16*	

12 31 16 00-0030 42" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,255.81	255.20
		For >5 To 9, Deduct	*-91.63*	
		For >9, Deduct	*-183.26*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,049.16	255.20
		For >5 To 9, Deduct	*-185.78*	
		For >9, Deduct	*-371.56*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,758.61	255.20
		For >5 To 9, Deduct	*-170.53*	
		For >9, Deduct	*-341.06*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,457.66	255.20
		For >5 To 9, Deduct	*-154.73*	
		For >9, Deduct	*-309.46*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,656.21	255.20
		For >5 To 9, Deduct	*-112.65*	
		For >9, Deduct	*-225.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	2,826.51	255.20
		For >5 To 9, Deduct	*-121.59*	
		For >9, Deduct	*-243.19*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,246.61	261.10
		For >5 To 9, Deduct	*-195.55*	
		For >9, Deduct	*-391.10*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,956.71	261.10
		For >5 To 9, Deduct	*-180.33*	
		For >9, Deduct	*-360.66*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,453.26	261.10
		For >5 To 9, Deduct	*-101.40*	
		For >9, Deduct	*-202.80*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,655.76	261.10
		For >5 To 9, Deduct	*-164.53*	
		For >9, Deduct	*-329.06*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	3,025.91	261.10
		For >5 To 9, Deduct	*-131.46*	
		For >9, Deduct	*-262.93*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	2,979.11	261.10
		For >5 To 9, Deduct	*-129.01*	
		For >9, Deduct	*-258.01*	
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	2,947.74	269.05
		For >5 To 9, Deduct	*-126.52*	
		For >9, Deduct	*-253.04*	
12 31 16 00-0046		**Stainless Steel Wall Cabinets** *(12 31 16 00-0001)*		
12 31 16 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,184.08	77.21
		For >5 To 9, Deduct	*-54.06*	
		For >9, Deduct	*-108.11*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,179.56	81.89
		For >5 To 9, Deduct	*-53.33*	
		For >9, Deduct	*-106.65*	
12 31 16 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,241.30	83.01
		For >5 To 9, Deduct	*-56.45*	
		For >9, Deduct	*-112.89*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,170.45	83.01
		For >5 To 9, Deduct	*-52.73*	
		For >9, Deduct	*-105.45*	
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,372.92	90.30
		For >5 To 9, Deduct	*-62.59*	
		For >9, Deduct	*-125.19*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,329.37	90.30
		For >5 To 9, Deduct	*-60.31*	
		For >9, Deduct	*-120.61*	
12 31 16 00-0055		**24" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,030.79	91.89
		For >5 To 9, Deduct	*-44.47*	
		For >9, Deduct	*-88.94*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,401.29	91.89
		For >5 To 9, Deduct	*-63.92*	
		For >9, Deduct	*-127.84*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,331.09	91.89
		For >5 To 9, Deduct	*-60.24*	
		For >9, Deduct	*-120.47*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,319.24	85.81
		For >5 To 9, Deduct	*-60.24*	
		For >9, Deduct	*-120.48*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,244.49	85.81
		For >5 To 9, Deduct	*-56.32*	
		For >9, Deduct	*-112.63*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	1,594.84	85.81
		For >5 To 9, Deduct	*-74.71*	
		For >9, Deduct	*-149.42*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	944.19	85.81
		For >5 To 9, Deduct	*-40.55*	
		For >9, Deduct	*-81.10*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	889.01	81.89
		For >5 To 9, Deduct	*-38.07*	
		For >9, Deduct	*-76.15*	
12 31 16 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,818.50	97.61
		For >5 To 9, Deduct	*-85.22*	
		For >9, Deduct	*-170.44*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,648.20	97.61
		For >5 To 9, Deduct	*-76.28*	
		For >9, Deduct	*-152.56*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,106.75	97.61
		For >5 To 9, Deduct	*-47.85*	
		For >9, Deduct	*-95.71*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,729.90	89.84
		For >5 To 9, Deduct	*-81.38*	
		For >9, Deduct	*-162.77*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,559.60	89.84
		For >5 To 9, Deduct	*-72.44*	
		For >9, Deduct	*-144.89*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,018.15	89.84
		For >5 To 9, Deduct	*-44.02*	
		For >9, Deduct	*-88.03*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	962.69	85.62
		For >5 To 9, Deduct	*-41.55*	
		For >9, Deduct	*-83.11*	

12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,891.18	100.41
		For >5 To 9, Deduct	*-88.74*	
		For >9, Deduct	*-177.49*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,716.98	100.41
		For >5 To 9, Deduct	*-79.60*	
		For >9, Deduct	*-159.20*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,179.43	100.41
		For >5 To 9, Deduct	*-51.38*	
		For >9, Deduct	*-102.75*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,801.69	91.89
		For >5 To 9, Deduct	*-84.94*	
		For >9, Deduct	*-169.88*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,632.04	91.89
		For >5 To 9, Deduct	*-76.04*	
		For >9, Deduct	*-152.07*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,089.94	91.89
		For >5 To 9, Deduct	*-47.58*	
		For >9, Deduct	*-95.15*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,035.68	87.50
		For >5 To 9, Deduct	*-45.18*	
		For >9, Deduct	*-90.37*	

12 31 16 00-0080 42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,981.11	126.34
		For >5 To 9, Deduct	*-90.75*	
		For >9, Deduct	*-181.51*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,984.92	119.22
		For >5 To 9, Deduct	*-91.70*	
		For >9, Deduct	*-183.39*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,812.02	119.22
		For >5 To 9, Deduct	*-82.62*	
		For >9, Deduct	*-165.24*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,271.87	119.22
		For >5 To 9, Deduct	*-54.26*	
		For >9, Deduct	*-108.52*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,872.00	100.14
		For >5 To 9, Deduct	*-87.77*	
		For >9, Deduct	*-175.53*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,700.40	100.14
		For >5 To 9, Deduct	*-78.76*	
		For >9, Deduct	*-157.52*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,160.25	100.14
		For >5 To 9, Deduct	*-50.40*	
		For >9, Deduct	*-100.80*	

12 31 16 00-0088 48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,742.80	126.34
		For >5 To 9, Deduct	*-77.98*	
		For >9, Deduct	*-155.95*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,056.18	121.85
		For >5 To 9, Deduct	*-95.15*	
		For >9, Deduct	*-190.31*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,885.88	121.85
		For >5 To 9, Deduct	*-86.21*	
		For >9, Deduct	*-172.43*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,344.43	121.85
		For >5 To 9, Deduct	*-57.79*	
		For >9, Deduct	*-115.58*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,942.69	101.07
		For >5 To 9, Deduct	*-91.37*	
		For >9, Deduct	*-182.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,773.04	101.07
		For >5 To 9, Deduct	*-82.47*	
		For >9, Deduct	*-164.93*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,230.94	101.07
		For >5 To 9, Deduct	*-54.01*	
		For >9, Deduct	*-108.01*	

12 31 16 00-0096 Accessories *(12 31 16 00-0001)*

12 31 16 00-0097 Stainless Steel Countertops *(12 31 16 00-0096)*
Note: 16 gauge countertops without sinks.

12 31 16 00-0098	SF	Stainless Steel Countertop With Marine Edge and Splash Note: 16 gauge.	103.91	5.14
12 31 16 00-0099	SF	Stainless Steel Countertop Without Marine Edge and With Splash Note: 16 gauge.	96.76	5.14
12 31 16 00-0100	SF	Stainless Steel Countertop Without Marine Edge or Splash Note: 16 gauge.	90.26	5.14

12 31 16 00-0101 Stainless Steel Wall Panels *(12 31 16 00-0096)*

12 31 16 00-0102	SF	Stainless Steel Wall Panel, 20 Gauge	29.98	7.67

12 31 16 00-0103 Pedestal Legs *(12 31 16 00-0096)*

12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	258.27	11.70

12 31 16 00-0105 Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*

12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	284.02	22.96

12 35 Specialty Casework *(12 30)*

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001 Modular Casework *(12 35 70 13)*
Note: Midmark.

12 35 70 13-0002	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-243624	496.58	69.38
12 35 70 13-0003	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-363624	616.16	86.72
12 35 70 13-0004	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-243624	846.74	69.38
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-363624	974.73	86.72
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door; Midmark MC-SBP006-243624	558.90	69.38
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors; Midmark MC-SBP007-363624	749.22	86.72
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-153624	561.00	69.38
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-183624	602.32	69.38
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-213624	638.04	69.38
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-303624	797.54	86.72
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-363624	809.45	86.72
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-243624	745.19	69.38
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-303624	867.58	86.72
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-363624	893.49	86.72
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-123624	654.85	69.38
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-153624	673.06	69.38
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-183624	719.98	69.38
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-303624	1,190.42	86.72
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-363624	1,256.25	86.72
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-153624	838.33	69.38
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-183624	886.65	69.38
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-213624	969.99	69.38
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors; Midmark MC-STP032-368424	1,726.43	208.14
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors; Midmark MC-STP081-248424	1,591.27	208.14
12 35 70 13-0026	EA	Desk Filler Panel; Midmark MC-SDA003-060501	67.76	17.34
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-123014	367.72	69.38
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-153014	361.41	69.38
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-183014	383.82	69.38
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-213014	413.94	69.38
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-243014	448.25	69.38
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-303014	515.32	86.72
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-363014	556.63	86.72
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-303014	677.09	86.72
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-363014	749.92	86.72
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	94.32	13.78
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	181.78	18.37
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit Note: Includes blocking	28.45	11.49

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001 Medical Exam Room Cabinetwork *(12 35 70 19)*

12 35 70 19-0002 Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0003		**Medical Exam Room Wall Cabinets (Clinton Industries®)** *(12 35 70 19-0002)* Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.		
12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	290.29	28.47
		For Additional Shelf, Add	*24.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*56.58*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	314.55	28.47
		For Additional Shelf, Add	*24.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*56.58*	
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	505.28	37.19
		For Additional Shelf, Add	*24.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*56.93*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	549.40	39.03
		For Additional Shelf, Add	*24.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.00*	
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	605.73	41.79
		For Additional Shelf, Add	*24.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.11*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	682.87	44.54
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*38.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.22*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	784.02	47.76
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*38.87*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.35*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	829.96	50.52
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*38.98*	
		For Lock And Inside Latch Combo For Double Doors, Add	*57.46*	
12 35 70 19-0012		**Medical Exam Room Base Cabinets** *(12 35 70 19-0001)*		
12 35 70 19-0013		**Medical Exam Room Base Cabinets (Ritter®)** *(12 35 70 19-0012)* Note: Include polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.		
12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	954.94	70.25
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Soft Edge Top, Add	*283.03*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	986.13	70.25
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Soft Edge Top, Add	*283.03*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	1,101.65	70.25
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Soft Edge Top, Add	*283.03*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	1,110.90	70.25
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Soft Edge Top, Add	*283.03*	
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	1,249.52	70.25
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Soft Edge Top, Add	*283.03*	
12 35 70 19-0019		**Medical Exam Room Base Cabinets (Clinton Industries®)** *(12 35 70 19-0012)* Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.		
12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76) Note: Includes stainless steel sink and faucet.	547.27	114.80
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*41.54*	
		For Lock And Inside Latch Combo For Double Doors, Add	*60.02*	
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	683.47	70.25
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*39.77*	
		For Lock And Inside Latch Combo For Double Doors, Add	*58.25*	
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	972.38	78.98
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*40.11*	
		For Lock And Inside Latch Combo For Double Doors, Add	*58.59*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,052.25	85.41
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*40.37*	
		For Lock And Inside Latch Combo For Double Doors, Add	*58.85*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	1,150.53	96.43
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*40.81*	
		For Lock And Inside Latch Combo For Double Doors, Add	*59.29*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	1,376.87	103.31
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*41.08*	
		For Lock And Inside Latch Combo For Double Doors, Add	*59.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	1,518.87	110.21
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*41.35*	
		For Lock And Inside Latch Combo For Double Doors, Add	*59.83*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	1,645.30	160.72
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*43.36*	
		For Lock And Inside Latch Combo For Double Doors, Add	*61.84*	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	1,619.29	117.10
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*41.63*	
		For Lock And Inside Latch Combo For Double Doors, Add	*60.11*	
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	1,876.23	169.90
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*24.26*	
		For Lock For Single Door/Drawer, Add	*43.73*	
		For Lock And Inside Latch Combo For Double Doors, Add	*62.21*	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,564.72	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,609.78	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	1,960.50	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	2,025.19	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,794.61	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,840.82	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,327.85	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,371.75	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,023.34	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,071.86	137.76
		For Locks On Single Drawer And All Doors, Add	*369.80*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,557.74	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,605.11	174.49
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*371.99*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,291.12	156.12
		For Locks On Single Drawer And All Doors, Add	*370.90*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,335.02	156.12
		For Locks On Single Drawer And All Doors, Add	*370.90*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,824.37	192.86
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*373.09*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,876.35	192.86
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*373.09*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*
Note: Includes plywood, MDF, or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	16.31	9.18
12 36 23 13-0003	SF	Plastic Laminate Countertop With Backsplash	21.14	9.18
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	16.62	2.76
12 36 23 13-0005	EA	Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	76.53	

12 36 61 Simulated Stone Countertops *(12 36)*

12 36 61 16 Solid Surfacing Countertops *(12 36 61)*

12 36 61 16-0001 Solid Polyester Countertops *(12 36 61 16)*

12 36 61 16-0002 Solid Polyester Countertop And Backsplash, Group B Colors *(12 36 61 16-0001)*
Note: May be used for wall applications.

12 36 61 16-0003	SF	1/4" Solid Polyester (Corian) Backsplash, Group B Colors Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.	30.20	6.12
		For Up To 50, Add	*9.79*	
		For >50 To 100, Add	*5.75*	
		For Group A Color Material, Deduct	*-4.38*	
		For Group C Color Material, Add	*2.92*	
		For Group D Color Material, Add	*10.94*	
12 36 61 16-0004	SF	1/2" Solid Polyester (Corian) Countertop, Group B Colors Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).	49.65	9.18
		For Up To 50, Add	*15.82*	
		For >50 To 100, Add	*9.56*	
		For Group A Color Material, Deduct	*-5.53*	
		For Group C Color Material, Add	*3.69*	
		For Group D Color Material, Add	*13.82*	
		For Each LF Of Half Round Edge, Add	*8.00*	
		For Each LF Of Ogee Or Full Round Edge, Add	*12.00*	
		For Each LF Of Machining A Cove At Backsplash, Add	*10.00*	
		For Each Sink, Range Or Vanity Cutout, Add	*15.00*	
		For 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*128.28*	
		For 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*162.20*	
		For 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*118.41*	
		For 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*112.86*	
		For 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*162.20*	
		For 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*162.20*	
		For 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*162.20*	
		For 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*162.20*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add *Note: Single or double bowl.*	*146.17*	
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add *Note: Single or double bowl.*	*254.10*	
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add *Note: Single or double bowl.*	*340.44*	
		For >3 SF Integral Single Basin Kitchen Sink, Add *Note: Single or double bowl.*	*368.81*	
		For >3 SF Integral Double Basin Kitchen Sink, Add	*368.81*	

12 40 Furnishings And Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 00 00-0001 Wall Mounted Office Accessories *(12 41)*

12 41 00 00-0002	EA	Manual Pencil Sharpener, Wall Mounted	12.13	3.09
12 41 00 00-0003	EA	Wall Mounted Flag	11.73	3.09

12 48 Rugs And Mats *(12 40)*

12 48 13 Entrance Floor Mats And Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001 Floor Mats *(12 48 13 13)*

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	12.50	2.03
		For Colors, Add	*1.69*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	15.10	2.03
		For Colors, Add	*2.21*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	13.15	2.03
		For Colors, Add	*1.82*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	15.75	2.03
		For Colors, Add	*2.34*	

12 48 13 13-0006 Link Mats *(12 48 13 13)*
Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	15.19	2.03
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	12.99	2.03
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	12.43	2.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 48 13 13-0010	SF	Vinyl Link Mats, Color	13.95	2.03
12 48 13 13-0011	LF	Rubber Nosing	4.07	0.89
12 48 13 13-0012		Duckboard *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	21.31	2.38
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	13.40	2.38
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	14.67	2.38
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	13.71	2.38
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	7.26	2.38
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	9.22	2.38
12 48 13 16		**Entrance Floor Mat Frames** *(12 48 13)*		
12 48 13 16-0001		Recessed Frames *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	12.60	3.67
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	17.75	3.67

12 50 Furniture *(12)*

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001 Panel Hung Furniture, Office Systems *(12 59 13)*

12 59 13 00-0002	EA	Acoustic Panel, 43" High, 24" Wide, NRC .85	262.40
12 59 13 00-0003	EA	Acoustic Panel, 43" High, 30" Wide, NRC .85	292.78
12 59 13 00-0004	EA	Acoustic Panel, 43" High, 36" Wide, NRC .85	323.51
12 59 13 00-0005	EA	Acoustic Panel, 43" High, 48" Wide, NRC .85	387.43
12 59 13 00-0006	EA	Acoustic Panel, 64" High, 30" Wide, NRC .85	348.23
12 59 13 00-0007	EA	Acoustic Panel, 64" High, 36" Wide, NRC .85	372.95
12 59 13 00-0008	EA	Acoustic Panel, 64" High, 42" Wide, NRC .85	432.98
12 59 13 00-0009	EA	Acoustic Panel, 64" High, 48" Wide, NRC .85	459.12
12 59 13 00-0010	EA	Acoustic Panel, 64" High, 60" Wide, NRC .85	503.25
12 59 13 00-0011	EA	Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	121.50
12 59 13 00-0012	EA	Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	127.50
12 59 13 00-0013	EA	Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	131.03
12 59 13 00-0014	EA	Cantilever Bracket, 20" Deep, 24" Deep	40.78
12 59 13 00-0015	PR	Countertop Bracket, Pair	17.04
12 59 13 00-0016	EA	Flat Bracket, 20" Deep, 24" Wide	21.05
12 59 13 00-0017	PR	Worksurface Kit, Pair	17.04
12 59 13 00-0018	EA	Connector Kit, Ell, 43" High, 90" Deep	73.46
12 59 13 00-0019	EA	Connector Kit, Ell, 64" High, 90" Deep	43.09
12 59 13 00-0020	EA	Connector Kit, Straight, 43" High	29.84
12 59 13 00-0021	EA	Connector Kit, Straight, 64" High	30.76
12 59 13 00-0022	EA	Support Column For Peninsula, 29-1/2" High	105.43
12 59 13 00-0023	EA	Countertop, 15" Deep, 36" Wide	138.44
12 59 13 00-0024	EA	Countertop, 15" Deep, 48" Wide	154.34
12 59 13 00-0025	EA	Duplex Receptacle Circuit 1	15.07
12 59 13 00-0026	EA	Duplex Receptacle Circuit 2	18.10
12 59 13 00-0027	EA	Electric Power Harness, 36" Wide	98.36
12 59 13 00-0028	EA	Electric Power Harness, 42" Wide	100.84
12 59 13 00-0029	EA	Electric Power Harness, 60" Wide	103.31
12 59 13 00-0030	EA	Panel End Cover, 43" High	29.84
12 59 13 00-0031	EA	Panel End Cover, 64" High	29.84
12 59 13 00-0032	EA	Finish End Cover, 2-way, Variable Height	45.20
12 59 13 00-0033	EA	Overhead Cabinet With Door, 42" Wide	284.30
12 59 13 00-0034	EA	Overhead Cabinet With Door, 60" Wide	431.90
12 59 13 00-0035	EA	Pedestal Spacer, 22" Deep, 15" Wide	48.91
12 59 13 00-0036	EA	Pedestal Spacer, 28" Deep, 15" Wide	58.98
12 59 13 00-0037	EA	Pedestal Box, Box, File, 22" Deep, 26" High	343.66
12 59 13 00-0038	EA	Pedestal Box, Box, File, 28" Deep, 26" High	358.47
12 59 13 00-0039	EA	Pedestal File, File, 22" Deep, 26" High	320.35
12 59 13 00-0040	EA	Pedestal Lateral File, 2 Drawer, 30" Wide	452.05
12 59 13 00-0041	EA	Base In Feed Power Cable	198.98
12 59 13 00-0042	EA	Task Light, Recessed, 30" - 36" Wide	133.33
12 59 13 00-0043	EA	Task Light, Recessed, 42" - 48" Wide	144.10
12 59 13 00-0044	EA	Task Light, Recessed, 60" Wide	156.10
12 59 13 00-0045	EA	Worksurface, Radius Edge, 24" Deep, 36" Wide	143.56
12 59 13 00-0046	EA	Worksurface, Radius Edge, 24" Deep, 42" Wide	176.24
12 59 13 00-0047	EA	Worksurface, Radius Edge, 24" Deep, 48" Wide	187.90
12 59 13 00-0048	EA	Worksurface, Radius Edge, 24" Deep, 60" Wide	235.93
12 59 13 00-0049	EA	Worksurface, Radius Edge, 24" Deep, 72" Wide	266.64
12 59 13 00-0050	EA	Worksurface, Radius Edge, 30" Deep, 42" Wide	226.03
12 59 13 00-0051	EA	Worksurface, Radius Edge, 30" Deep, 60" Wide	263.82
12 59 13 00-0052	EA	Worksurface, Radius Edge, 30" Deep, 72" Wide	300.20
12 59 13 00-0053	EA	Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	345.40
12 59 13 00-0054	EA	Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	392.69
12 59 13 00-0055	EA	Worksurface, Peninsula, 36" Wide, 66" Long	452.05

12 59 13 00-0056 Open Office Systems Furniture Components *(12 59 13)*
Note: Excludes electrical wire and wiring devices.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	169.02	18.71
		For Tackable Acoustical Barrier Panel, Add	*28.12*	
		For Acoustical Panel, Add	*30.57*	
		For Enameled Surface, Deduct	*-12.23*	
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	187.86	20.82
		For Tackable Acoustical Barrier Panel, Add	*31.26*	
		For Acoustical Panel, Add	*33.98*	
		For Enameled Surface, Deduct	*-13.59*	
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	200.86	22.18
		For Tackable Acoustical Barrier Panel, Add	*33.42*	
		For Acoustical Panel, Add	*36.33*	
		For Enameled Surface, Deduct	*-14.53*	
12 59 13 00-0060	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	225.07	24.90
		For Tackable Acoustical Barrier Panel, Add	*37.45*	
		For Acoustical Panel, Add	*40.71*	
		For Enameled Surface, Deduct	*-16.28*	
12 59 13 00-0061	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	171.71	18.98
		For Tackable Acoustical Barrier Panel, Add	*28.57*	
		For Acoustical Panel, Add	*31.06*	
		For Enameled Surface, Deduct	*-12.42*	
12 59 13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	194.11	21.43
		For Tackable Acoustical Barrier Panel, Add	*32.30*	
		For Acoustical Panel, Add	*35.11*	
		For Enameled Surface, Deduct	*-14.04*	
12 59 13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	217.43	24.09
		For Tackable Acoustical Barrier Panel, Add	*36.18*	
		For Acoustical Panel, Add	*39.33*	
		For Enameled Surface, Deduct	*-15.73*	
12 59 13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	255.56	28.24
		For Tackable Acoustical Barrier Panel, Add	*42.52*	
		For Acoustical Panel, Add	*46.22*	
		For Enameled Surface, Deduct	*-18.49*	
12 59 13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	165.43	18.30
		For Tackable Acoustical Barrier Panel, Add	*27.53*	
		For Acoustical Panel, Add	*29.92*	
		For Enameled Surface, Deduct	*-11.97*	
12 59 13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	203.55	22.52
		For Tackable Acoustical Barrier Panel, Add	*33.87*	
		For Acoustical Panel, Add	*36.82*	
		For Enameled Surface, Deduct	*-14.73*	
12 59 13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	254.68	28.17
		For Tackable Acoustical Barrier Panel, Add	*42.38*	
		For Acoustical Panel, Add	*46.06*	
		For Enameled Surface, Deduct	*-18.42*	
12 59 13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	304.85	33.68
		For Tackable Acoustical Barrier Panel, Add	*50.73*	
		For Acoustical Panel, Add	*55.14*	
		For Enameled Surface, Deduct	*-22.06*	
12 59 13 00-0069	EA	34" Draw Rod Panel Connector Hardware	9.23	1.02
12 59 13 00-0070	EA	42" Draw Rod Panel Connector Hardware	9.23	1.02
12 59 13 00-0071	EA	62" Draw Rod Panel Connector Hardware	9.84	1.09
12 59 13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware	42.46	4.70
12 59 13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware	49.23	5.45
12 59 13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware	56.62	6.26
12 59 13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware	65.85	7.28
12 59 13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware	76.30	8.44
12 59 13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware	88.62	9.80
12 59 13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware	83.07	9.19
12 59 13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware	97.23	10.75
12 59 13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware	116.92	12.93
12 59 13 00-0081	EA	34" Panel End Cap Hardware	14.15	1.56
12 59 13 00-0082	EA	42" Panel End Cap Hardware	16.00	1.77
12 59 13 00-0083	EA	62" Panel End Cap Hardware	17.24	1.91
12 59 13 00-0084	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	15.61	1.77
12 59 13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway	8.04	0.88
12 59 13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway	8.48	0.95
12 59 13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway	9.81	1.09
12 59 13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway	8.04	0.88
12 59 13 00-0089	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	16.50	1.84
12 59 13 00-0090	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	18.75	2.04
12 59 13 00-0091	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	19.19	2.11
12 59 13 00-0092	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	21.41	2.38
12 59 13 00-0093	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	24.09	2.66
12 59 13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	129.56	14.29
12 59 13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	159.60	17.63
12 59 13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	150.64	16.67
12 59 13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	188.32	20.82
12 59 13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	190.10	21.03
12 59 13 00-0099	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	239.42	26.53
12 59 13 00-0100	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	230.89	25.51
12 59 13 00-0101	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	290.05	32.04
12 59 13 00-0102	EA	30" x 60" Radiused Edge Table	515.27	57.01
12 59 13 00-0103	EA	30" x 72" Radiused Edge Table	563.10	62.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0104	EA	14" x 24" Radiused Edge Transaction Surface	61.87	6.87
12 59 13 00-0105	EA	14" x 36" Radiused Edge Transaction Surface	70.38	7.75
12 59 13 00-0106	EA	14" x 48" Radiused Edge Transaction Surface	78.91	8.71
12 59 13 00-0107	EA	14" x 60" Radiused Edge Transaction Surface	98.18	10.88
12 59 13 00-0108	EA	14" x 72" Radiused Edge Transaction Surface	117.90	13.06
12 59 13 00-0109	EA	14" Right Angle Corner Transaction Surface	206.25	22.79
12 59 13 00-0110	EA	Transaction Surface Support	16.33	1.81
12 59 13 00-0111	EA	Plastic Pencil Drawer	17.72	1.77
12 59 13 00-0112	EA	15-1/2" x 24" Hanging Shelf	60.24	6.67
12 59 13 00-0113	EA	15-1/2" x 36" Hanging Shelf	65.59	7.21
12 59 13 00-0114	EA	15-1/2" x 48" Hanging Shelf	70.05	7.75
12 59 13 00-0115	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	103.95	11.50
12 59 13 00-0116	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	121.35	13.47
12 59 13 00-0117	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	139.19	15.38
12 59 13 00-0118	EA	24" Suspended Lateral File, Lockable	358.30	39.43
12 59 13 00-0119	EA	30" Suspended Lateral File, Lockable	378.42	41.64
12 59 13 00-0120	EA	36" Suspended Lateral File, Lockable	399.28	43.94
12 59 13 00-0121	EA	48" Suspended Lateral File, Lockable	436.70	48.05
12 59 13 00-0122	EA	Fully Adjustable Vinyl Keyboard Tray	162.40	17.96
12 59 13 00-0123	EA	Palm Rest For Vinyl Keyboard Tray	25.42	2.86
12 59 13 00-0124	EA	24" x 36" Radiused Edge Corner Work Surface	205.18	22.72
12 59 13 00-0125	EA	File Drawer Organizer	66.04	7.28
12 59 13 00-0126	EA	Suspended Lateral File Converter Bracket	14.28	1.56
12 59 13 00-0127	EA	Utility Task Light	71.38	7.90

12 59 13 00-0128 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0129	EA	Disassemble And Store 34H 24W Fabric Covered Panel		23.38
12 59 13 00-0130	EA	Disassemble And Store 34H 30W Fabric Covered Panel		25.98
12 59 13 00-0131	EA	Disassemble And Store 34H 36W Fabric Covered Panel		27.79
12 59 13 00-0132	EA	Disassemble And Store 34H 48W Fabric Covered Panel		31.13
12 59 13 00-0133	EA	Disassemble And Store 42H 24W Fabric Covered Panel		23.76
12 59 13 00-0134	EA	Disassemble And Store 42H 30W Fabric Covered Panel		26.86
12 59 13 00-0135	EA	Disassemble And Store 42H 36W Fabric Covered Panel		30.08
12 59 13 00-0136	EA	Disassemble And Store 42H 48W Fabric Covered Panel		35.35
12 59 13 00-0137	EA	Disassemble And Store 62H 12W Fabric Covered Panel		22.88
12 59 13 00-0138	EA	Disassemble And Store 62H 24W Fabric Covered Panel		28.16
12 59 13 00-0139	EA	Disassemble And Store 62H 36W Fabric Covered Panel		35.23
12 59 13 00-0140	EA	Disassemble And Store 62H 48W Fabric Covered Panel		42.18
12 59 13 00-0141	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware		1.27
12 59 13 00-0142	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware		1.27
12 59 13 00-0143	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware		1.36
12 59 13 00-0144	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware		5.88
12 59 13 00-0145	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware		6.81
12 59 13 00-0146	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware		7.84
12 59 13 00-0147	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware		9.11
12 59 13 00-0148	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware		10.55
12 59 13 00-0149	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware		12.26
12 59 13 00-0150	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware		11.50
12 59 13 00-0151	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware		13.45
12 59 13 00-0152	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware		16.17
12 59 13 00-0153	EA	Disassemble And Store 34" Panel End Cap Hardware		1.96
12 59 13 00-0154	EA	Disassemble And Store 42" Panel End Cap Hardware		2.22
12 59 13 00-0155	EA	Disassemble And Store 62" Panel End Cap Hardware		2.39
12 59 13 00-0156	EA	Disassemble And Store Variable Height Panel End Filler		2.16
12 59 13 00-0157	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway		1.11
12 59 13 00-0158	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway		1.17
12 59 13 00-0159	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway		1.35
12 59 13 00-0160	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway		1.11
12 59 13 00-0161	EA	Disassemble And Store 12" Cable Management Raceway Assembly		2.29
12 59 13 00-0162	EA	Disassemble And Store 24" Cable Management Raceway Assembly		2.59
12 59 13 00-0163	EA	Disassemble And Store 30" Cable Management Raceway Assembly		2.66
12 59 13 00-0164	EA	Disassemble And Store 36" Cable Management Raceway Assembly		2.96
12 59 13 00-0165	EA	Disassemble And Store 48" Cable Management Raceway Assembly		3.33
12 59 13 00-0166	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface		17.93
12 59 13 00-0167	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface		22.08
12 59 13 00-0168	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface		20.84
12 59 13 00-0169	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface		26.05
12 59 13 00-0170	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface		26.29
12 59 13 00-0171	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface		33.12
12 59 13 00-0172	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface		31.94
12 59 13 00-0173	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface		40.13
12 59 13 00-0174	EA	Disassemble And Store 30" x 60" Radiused Edge Table		61.97
12 59 13 00-0175	EA	Disassemble And Store 30" x 72" Radiused Edge Table		77.88
12 59 13 00-0176	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface		8.56
12 59 13 00-0177	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface		9.74
12 59 13 00-0178	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface		10.91
12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface		13.58
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface		16.31
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface		28.53
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support		2.26
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer		2.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	8.34	
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	9.07	
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	9.69	
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf	14.38	
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf	16.78	
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf	19.26	
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File	49.29	
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File	52.05	
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File	54.93	
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File	60.07	
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	22.47	
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	28.39	
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light	9.87	

12 59 13 00-0197 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	24.93	
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel	27.71	
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel	29.62	
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel	33.20	
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel	25.32	
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel	28.63	
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel	32.07	
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel	37.69	
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel	24.40	
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel	30.02	
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel	37.56	
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel	44.96	
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.36	
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.36	
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.45	
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	6.26	
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	7.26	
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	8.35	
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	9.71	
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	11.26	
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	13.07	
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	12.25	
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	14.35	
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	17.25	
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware	2.09	
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware	2.36	
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware	2.54	
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler	2.31	
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.18	
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.25	
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.44	
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.18	
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly	2.44	
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly	2.77	
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly	2.83	
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly	3.16	
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly	3.55	
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	19.11	
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	23.54	
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	22.22	
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	27.77	
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	28.04	
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	35.31	
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	34.05	
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	42.78	
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table	76.00	
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table	83.06	
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	9.13	
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	10.38	
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	11.64	
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	14.48	
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	17.40	
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface	30.42	
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support	2.41	
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	8.89	
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	9.67	
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	10.33	
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf	15.33	
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf	17.90	
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf	20.54	
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File	52.58	
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File	55.53	
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File	58.59	
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File	64.09	
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	30.26	

12 59 16 Free-Standing Component System Furniture *(12 59)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0001		Furniture, Office Systems *(12 59 16)*		
12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	360.52	
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	449.94	
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	517.40	
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	549.70	
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	476.24	
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	406.69	
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	466.19	
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	491.11	
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	257.39	
12 59 16 00-0011	EA	End Support Leg	182.53	
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	83.00	
12 59 16 00-0013	EA	Modesty Panel, Return	90.42	
12 59 16 00-0014	EA	Pencil/Utility Drawer	142.67	
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	241.58	
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	340.04	
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	510.32	
12 59 16 00-0018	EA	Printer Stand, Universal	662.78	
12 59 16 00-0019	EA	Paper Basket	60.39	
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	787.10	
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	951.91	
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	531.86	
12 59 16 00-0023	EA	Return Table, 24" x 48"	404.52	
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	452.05	
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	278.98	
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	263.82	
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	371.78	
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	390.37	
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	407.89	
12 59 16 00-0030	EA	Peninsula, 30" x 60"	579.04	
12 59 16 00-0031	EA	Connector Plate	15.08	
12 59 16 00-0032		Herman Miller Systems Furniture *(12 59 16)*		
12 59 16 00-0033		Herman Miller Systems Furniture *(12 59 16 00-0032)*		
12 59 16 00-0034	EA	Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	169.02	18.71
		For Owner Furnished Material, Deduct	*-122.28*	
12 59 16 00-0035	EA	Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	187.86	20.82
		For Owner Furnished Material, Deduct	*-135.90*	
12 59 16 00-0036	EA	Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	200.86	22.18
		For Owner Furnished Material, Deduct	*-145.31*	
12 59 16 00-0037	EA	Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	225.07	24.90
		For Owner Furnished Material, Deduct	*-162.83*	
12 59 16 00-0038	EA	Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	171.71	18.98
		For Owner Furnished Material, Deduct	*-124.22*	
12 59 16 00-0039	EA	Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	194.11	21.43
		For Owner Furnished Material, Deduct	*-140.44*	
12 59 16 00-0040	EA	Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	217.43	24.09
		For Owner Furnished Material, Deduct	*-157.31*	
12 59 16 00-0041	EA	Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	255.56	28.24
		For Owner Furnished Material, Deduct	*-184.89*	
12 59 16 00-0042	EA	Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	165.43	18.30
		For Owner Furnished Material, Deduct	*-119.68*	
12 59 16 00-0043	EA	Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	165.43	18.30
		For Owner Furnished Material, Deduct	*-119.68*	
12 59 16 00-0044	EA	Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	203.55	22.52
		For Owner Furnished Material, Deduct	*-147.26*	
12 59 16 00-0045	EA	Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	203.55	22.52
		For Owner Furnished Material, Deduct	*-147.26*	
12 59 16 00-0046	EA	Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	254.68	28.17
		For Owner Furnished Material, Deduct	*-184.24*	
12 59 16 00-0047	EA	Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	254.68	28.17
		For Owner Furnished Material, Deduct	*-184.24*	
12 59 16 00-0048	EA	Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	304.85	33.68
		For Owner Furnished Material, Deduct	*-220.56*	
12 59 16 00-0049	EA	Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34	9.23	1.02
		For Owner Furnished Material, Deduct	*-6.68*	
12 59 16 00-0050	EA	Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42	9.23	1.02
		For Owner Furnished Material, Deduct	*-6.68*	
12 59 16 00-0051	EA	Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62	9.84	1.09
		For Owner Furnished Material, Deduct	*-7.12*	
12 59 16 00-0052	EA	Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN	42.46	4.70
		For Owner Furnished Material, Deduct	*-30.72*	
12 59 16 00-0053	EA	Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	49.23	5.45
		For Owner Furnished Material, Deduct	*-35.62*	
12 59 16 00-0054	EA	Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	56.62	6.26
		For Owner Furnished Material, Deduct	*-40.96*	
12 59 16 00-0055	EA	Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	65.85	7.28
		For Owner Furnished Material, Deduct	*-47.64*	
12 59 16 00-0056	EA	Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	76.30	8.44
		For Owner Furnished Material, Deduct	*-55.20*	
12 59 16 00-0057	EA	Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	88.62	9.80
		For Owner Furnished Material, Deduct	*-64.11*	
12 59 16 00-0058	EA	Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	83.07	9.19
		For Owner Furnished Material, Deduct	*-60.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0059	EA	Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	97.23	10.75
		For Owner Furnished Material, Deduct	*-70.34*	
12 59 16 00-0060	EA	Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	116.92	12.93
		For Owner Furnished Material, Deduct	*-84.59*	
12 59 16 00-0061	EA	Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	14.15	1.56
		For Owner Furnished Material, Deduct	*-10.24*	
12 59 16 00-0062	EA	Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	16.00	1.77
		For Owner Furnished Material, Deduct	*-11.58*	
12 59 16 00-0063	EA	Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	17.24	1.91
		For Owner Furnished Material, Deduct	*-12.47*	
12 59 16 00-0064	EA	Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	15.61	1.77
		For Owner Furnished Material, Deduct	*-11.30*	
12 59 16 00-0065	EA	Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	8.04	0.88
		For Owner Furnished Material, Deduct	*-5.81*	
12 59 16 00-0066	EA	Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	8.48	0.95
		For Owner Furnished Material, Deduct	*-6.13*	
12 59 16 00-0067	EA	Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	9.81	1.09
		For Owner Furnished Material, Deduct	*-7.10*	
12 59 16 00-0068	EA	Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	8.04	0.88
		For Owner Furnished Material, Deduct	*-5.81*	
12 59 16 00-0069	EA	Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	16.50	1.84
		For Owner Furnished Material, Deduct	*-11.94*	
12 59 16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	18.75	2.04
		For Owner Furnished Material, Deduct	*-13.56*	
12 59 16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	19.19	2.11
		For Owner Furnished Material, Deduct	*-13.88*	
12 59 16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	21.41	2.38
		For Owner Furnished Material, Deduct	*-15.49*	
12 59 16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	24.09	2.66
		For Owner Furnished Material, Deduct	*-17.43*	
12 59 16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	129.56	14.29
		For Owner Furnished Material, Deduct	*-93.73*	
12 59 16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	129.56	14.29
		For Owner Furnished Material, Deduct	*-93.73*	
12 59 16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	159.60	17.63
		For Owner Furnished Material, Deduct	*-115.47*	
12 59 16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	159.60	17.63
		For Owner Furnished Material, Deduct	*-115.47*	
12 59 16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	150.64	16.67
		For Owner Furnished Material, Deduct	*-108.98*	
12 59 16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	150.64	16.67
		For Owner Furnished Material, Deduct	*-108.98*	
12 59 16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	188.32	20.82
		For Owner Furnished Material, Deduct	*-136.23*	
12 59 16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	188.32	20.82
		For Owner Furnished Material, Deduct	*-136.23*	
12 59 16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	190.10	21.03
		For Owner Furnished Material, Deduct	*-137.53*	
12 59 16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	190.10	21.03
		For Owner Furnished Material, Deduct	*-137.53*	
12 59 16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	239.42	26.53
		For Owner Furnished Material, Deduct	*-173.21*	
12 59 16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	239.42	26.53
		For Owner Furnished Material, Deduct	*-173.21*	
12 59 16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	230.89	25.51
		For Owner Furnished Material, Deduct	*-167.04*	
12 59 16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	230.89	25.51
		For Owner Furnished Material, Deduct	*-167.04*	
12 59 16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	290.05	32.04
		For Owner Furnished Material, Deduct	*-209.85*	
12 59 16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	290.05	32.04
		For Owner Furnished Material, Deduct	*-209.85*	
12 59 16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	447.96	49.53
		For Owner Furnished Material, Deduct	*-324.07*	
12 59 16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	515.27	57.01
		For Owner Furnished Material, Deduct	*-372.80*	
12 59 16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	489.39	54.09
		For Owner Furnished Material, Deduct	*-354.07*	
12 59 16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	563.10	62.32
		For Owner Furnished Material, Deduct	*-407.33*	
12 59 16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT	61.87	6.87
		For Owner Furnished Material, Deduct	*-44.76*	
12 59 16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT	61.87	6.87
		For Owner Furnished Material, Deduct	*-44.76*	
12 59 16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT	70.38	7.75
		For Owner Furnished Material, Deduct	*-50.92*	
12 59 16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT	70.38	7.75
		For Owner Furnished Material, Deduct	*-50.92*	
12 59 16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT	78.91	8.71
		For Owner Furnished Material, Deduct	*-57.09*	
12 59 16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT	78.91	8.71
		For Owner Furnished Material, Deduct	*-57.09*	
12 59 16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT	98.18	10.88
		For Owner Furnished Material, Deduct	*-71.03*	
12 59 16 00-0101	EA	Counter Cap 60" Herman Miller, AO450.1460-OL-DT	98.18	10.88
		For Owner Furnished Material, Deduct	*-71.03*	
12 59 16 00-0102	EA	Counter Cap 72" Herman Miller, AO450.1472-M8-DT	117.90	13.06
		For Owner Furnished Material, Deduct	*-85.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0103	EA	Counter Cap 72" Herman Miller, AO450.1472-OL-DT	117.90	13.06
		For Owner Furnished Material, Deduct	*-85.30*	
12 59 16 00-0104	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	206.25	22.79
		For Owner Furnished Material, Deduct	*-149.21*	
12 59 16 00-0105	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	206.25	22.79
		For Owner Furnished Material, Deduct	*-149.21*	
12 59 16 00-0106	EA	Pencil Drawer Herman Miller, AO480.DT	17.72	1.77
		For Owner Furnished Material, Deduct	*-13.28*	
12 59 16 00-0107	EA	Shelf 24" Herman Miller, AO520.1324-LN	60.24	6.67
		For Owner Furnished Material, Deduct	*-43.58*	
12 59 16 00-0108	EA	Shelf 36" Herman Miller, AO520.1336-LN	65.59	7.21
		For Owner Furnished Material, Deduct	*-47.45*	
12 59 16 00-0109	EA	Shelf 48" Herman Miller, AO520.1348-LN	70.05	7.75
		For Owner Furnished Material, Deduct	*-50.68*	
12 59 16 00-0110	EA	Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	103.95	11.50
		For Owner Furnished Material, Deduct	*-75.20*	
12 59 16 00-0111	EA	Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	121.35	13.47
		For Owner Furnished Material, Deduct	*-87.79*	
12 59 16 00-0112	EA	Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	139.19	15.38
		For Owner Furnished Material, Deduct	*-100.70*	
12 59 16 00-0113	EA	Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	162.40	17.96
		For Owner Furnished Material, Deduct	*-117.49*	
12 59 16 00-0114	EA	Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	25.42	2.86
		For Owner Furnished Material, Deduct	*-18.39*	
12 59 16 00-0115	EA	Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	291.88	32.25
		For Owner Furnished Material, Deduct	*-211.15*	
12 59 16 00-0116	EA	Drawer Pedestal Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24	302.41	33.48
		For Owner Furnished Material, Deduct	*-218.78*	
12 59 16 00-0117	EA	Stationary Divider Herman Miller, G5911.19	66.04	7.28
		For Owner Furnished Material, Deduct	*-47.78*	
12 59 16 00-0118	EA	Utility Tray, Herman Miller, G5912	8.48	0.95
		For Owner Furnished Material, Deduct	*-6.13*	
12 59 16 00-0119	EA	File Converter Herman Miller, G5913	14.28	1.56
		For Owner Furnished Material, Deduct	*-10.33*	
12 59 16 00-0120	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	205.18	22.72
		For Owner Furnished Material, Deduct	*-148.44*	
12 59 16 00-0121	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	205.18	22.72
		For Owner Furnished Material, Deduct	*-148.44*	
12 59 16 00-0122	EA	Task Light Herman Miller, G6130.24M-LN.	71.38	7.90
		For Owner Furnished Material, Deduct	*-51.64*	
12 59 16 00-0123	EA	48" Round With Steel X Base Herman Miller	552.10	61.10
		For Owner Furnished Material, Deduct	*-399.41*	
12 59 16 00-0124	EA	Double Sided Name Plate Herman Miller, MISCPAO375OBKO	28.11	3.13
		For Owner Furnished Material, Deduct	*-20.34*	
12 59 16 00-0125	EA	Single Sided Name Plate Herman Miller, MISCPAO376OBKO	12.29	1.36
		For Owner Furnished Material, Deduct	*-8.89*	

12 59 16 00-0126 Disassemble And Store *(12 59 16 00-0032)*

12 59 16 00-0127	EA	Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	23.38
12 59 16 00-0128	EA	Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	25.98
12 59 16 00-0129	EA	Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	27.79
12 59 16 00-0130	EA	Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	31.13
12 59 16 00-0131	EA	Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	23.76
12 59 16 00-0132	EA	Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	26.86
12 59 16 00-0133	EA	Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	30.08
12 59 16 00-0134	EA	Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	35.35
12 59 16 00-0135	EA	Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	22.88
12 59 16 00-0136	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	22.88
12 59 16 00-0137	EA	Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	28.16
12 59 16 00-0138	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	28.16
12 59 16 00-0139	EA	Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	35.23
12 59 16 00-0140	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	35.23
12 59 16 00-0141	EA	Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	42.18
12 59 16 00-0142	EA	Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34	1.27
12 59 16 00-0143	EA	Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42	1.27
12 59 16 00-0144	EA	Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62	1.36
12 59 16 00-0145	EA	Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN	5.88
12 59 16 00-0146	EA	Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	6.81
12 59 16 00-0147	EA	Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	7.84
12 59 16 00-0148	EA	Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	9.11
12 59 16 00-0149	EA	Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	10.55
12 59 16 00-0150	EA	Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	12.26
12 59 16 00-0151	EA	Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	11.50
12 59 16 00-0152	EA	Disassemble And Store Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	13.45
12 59 16 00-0153	EA	Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	16.17
12 59 16 00-0154	EA	Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN	1.96
12 59 16 00-0155	EA	Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN	2.22
12 59 16 00-0156	EA	Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN	2.39
12 59 16 00-0157	EA	Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.16
12 59 16 00-0158	EA	Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT	1.11
12 59 16 00-0159	EA	Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT	1.17
12 59 16 00-0160	EA	Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT	1.35
12 59 16 00-0161	EA	Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT	1.11
12 59 16 00-0162	EA	Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.29
12 59 16 00-0163	EA	Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	2.59
12 59 16 00-0164	EA	Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	2.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0165	EA	Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	2.96	
12 59 16 00-0166	EA	Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.33	
12 59 16 00-0167	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	17.93	
12 59 16 00-0168	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	17.93	
12 59 16 00-0169	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	22.08	
12 59 16 00-0170	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	22.08	
12 59 16 00-0171	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	20.84	
12 59 16 00-0172	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	20.84	
12 59 16 00-0173	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	26.05	
12 59 16 00-0174	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	26.05	
12 59 16 00-0175	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	26.29	
12 59 16 00-0176	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	26.29	
12 59 16 00-0177	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	33.12	
12 59 16 00-0178	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	33.12	
12 59 16 00-0179	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	31.94	
12 59 16 00-0180	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	31.94	
12 59 16 00-0181	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	40.13	
12 59 16 00-0182	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	40.13	
12 59 16 00-0183	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	61.97	
12 59 16 00-0184	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	71.28	
12 59 16 00-0185	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	67.71	
12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	77.88	
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	8.56	
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	8.56	
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	9.74	
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	9.74	
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	10.91	
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	10.91	
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	13.58	
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	13.58	
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	16.31	
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	16.31	
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	28.53	
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	28.53	
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.23	
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	8.34	
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	9.07	
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	9.69	
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	14.38	
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	16.78	
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	19.26	
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	22.47	
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	3.52	
12 59 16 00-0208	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	40.37	
12 59 16 00-0209	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	41.83	
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	9.14	
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.17	
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	1.98	
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	28.39	
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	28.39	
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	9.87	
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	76.36	
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	3.89	
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.70	

12 59 16 00-0219 Reconfigure *(12 59 16 00-0032)*

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	27.37	
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	30.43	
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	32.52	
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	36.46	
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	27.80	
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	31.44	
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	35.21	
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	41.39	
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	26.79	
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	26.79	
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	32.97	
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	32.97	
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	41.25	
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	41.25	
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	49.37	
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.50	
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.50	
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	1.59	
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	6.87	
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	7.97	
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	9.16	
12 59 16 00-0241	EA	Reconfigure Series 1 Panel Hardware 34"Three-Way 90 Herman Miller, AO230.34-LN	10.66	
12 59 16 00-0242	EA	Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	12.37	
12 59 16 00-0243	EA	Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	14.35	
12 59 16 00-0244	EA	Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	13.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0245	EA	Reconfigure Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	15.76	
12 59 16 00-0246	EA	Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	18.94	
12 59 16 00-0247	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	2.29	
12 59 16 00-0248	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	2.59	
12 59 16 00-0249	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	2.79	
12 59 16 00-0250	EA	Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.54	
12 59 16 00-0251	EA	Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	1.29	
12 59 16 00-0252	EA	Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	1.38	
12 59 16 00-0253	EA	Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	1.58	
12 59 16 00-0254	EA	Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	1.29	
12 59 16 00-0255	EA	Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.68	
12 59 16 00-0256	EA	Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	3.04	
12 59 16 00-0257	EA	Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.11	
12 59 16 00-0258	EA	Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.47	
12 59 16 00-0259	EA	Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.89	
12 59 16 00-0260	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	20.98	
12 59 16 00-0261	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	20.98	
12 59 16 00-0262	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	25.86	
12 59 16 00-0263	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	25.86	
12 59 16 00-0264	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	24.40	
12 59 16 00-0265	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	24.40	
12 59 16 00-0266	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	30.49	
12 59 16 00-0267	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	30.49	
12 59 16 00-0268	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	30.79	
12 59 16 00-0269	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	30.79	
12 59 16 00-0270	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	38.77	
12 59 16 00-0271	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	38.77	
12 59 16 00-0272	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	37.40	
12 59 16 00-0273	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	37.40	
12 59 16 00-0274	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	46.98	
12 59 16 00-0275	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	46.98	
12 59 16 00-0276	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	72.55	
12 59 16 00-0277	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	83.45	
12 59 16 00-0278	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	79.28	
12 59 16 00-0279	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	91.20	
12 59 16 00-0280	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT	10.02	
12 59 16 00-0281	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT	10.02	
12 59 16 00-0282	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT	11.40	
12 59 16 00-0283	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT	11.40	
12 59 16 00-0284	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT	12.78	
12 59 16 00-0285	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT	12.78	
12 59 16 00-0286	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT	15.90	
12 59 16 00-0287	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT	15.90	
12 59 16 00-0288	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT	19.10	
12 59 16 00-0289	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT	19.10	
12 59 16 00-0290	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	33.41	
12 59 16 00-0291	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	33.41	
12 59 16 00-0292	EA	Reconfigure Pencil Drawer Herman Miller, AO480.DT	2.60	
12 59 16 00-0293	EA	Reconfigure Shelf 24" Herman Miller, AO520.1324-LN	9.77	
12 59 16 00-0294	EA	Reconfigure Shelf 36" Herman Miller, AO520.1336-LN	10.62	
12 59 16 00-0295	EA	Reconfigure Shelf 48" Herman Miller, AO520.1348-LN	11.35	
12 59 16 00-0296	EA	Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	16.83	
12 59 16 00-0297	EA	Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	19.66	
12 59 16 00-0298	EA	Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	22.55	
12 59 16 00-0299	EA	Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	26.31	
12 59 16 00-0300	EA	Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	4.12	
12 59 16 00-0301	EA	Reconfigure Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	47.27	
12 59 16 00-0302	EA	Reconfigure Drawer Pedestal Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24	48.98	
12 59 16 00-0303	EA	Reconfigure Stationary Divider Herman Miller, G5911.19	10.69	
12 59 16 00-0304	EA	Reconfigure Utility Tray Herman Miller, G5912	1.38	
12 59 16 00-0305	EA	Reconfigure File Converter Herman Miller, G5913	2.31	
12 59 16 00-0306	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	33.22	
12 59 16 00-0307	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	33.22	
12 59 16 00-0308	EA	Reconfigure Task Light Herman Miller, G6130.24M-LN	11.55	
12 59 16 00-0309	EA	Reconfigure 48" Round With Steel X Base Herman Miller	89.42	
12 59 16 00-0310	EA	Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.55	
12 59 16 00-0311	EA	Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO	2.00	

END OF SECTION 12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

See CSI section 11 41 23 00-0000 for refrigerated controlled environment rooms.

13 40 Integrated Construction *(13)*

13 47 Facility Protection *(13 40)*

13 47 13 Cathodic Protection *(13 47)*

13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

13 47 13 13-0001 Anodes *(13 47 13 13)*

13 47 13 13-0002 Magnesium Type, Conventional *(13 47 13 13-0001)*

13 47 13 13-0003	EA	9 LB Magnesium Type Anodes	293.75	126.79
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes	436.84	183.26
13 47 13 13-0005	EA	32 LB Magnesium Type Anode	599.41	235.76
13 47 13 13-0006	EA	48 LB Magnesium Type Anode	854.63	329.87

13 47 13 13-0007 Graphite Type *(13 47 13 13-0001)*

Note: Includes epoxy cap.

13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	451.82	183.03
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	709.17	255.59
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	539.49	159.95
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	832.43	213.54

13 47 13 13-0012 Rectifiers *(13 47 13 13)*

13 47 13 13-0013 Air Cooled, Silicon Type *(13 47 13 13-0012)*

13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amp Silicon Type	1,317.91	259.73
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amp Silicon Type	1,417.56	259.73

13 47 13 13-0016 Oil Immersed, Silicon Type *(13 47 13 13-0012)*

13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amp Silicon Type	1,952.48	300.32
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amp Silicon Type	2,059.26	300.32

13 47 13 13-0019 Anode Backfill *(13 47 13 13)*

13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	0.87	0.33

13 47 13 13-0021 Cathodic Protection Cable *(13 47 13 13)*

13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	1,600.97	639.80
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	1,743.32	639.80
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	1,956.84	639.80
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	2,312.71	639.80
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	2,830.83	704.93
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	3,097.73	704.93
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	3,542.57	704.93
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	4,736.58	768.41

13 47 13 13-0030 Cathodic Test Stations *(13 47 13 13)*

13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0030)*

13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	235.50	74.85

13 47 13 16 Cathodic Protection For Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, And Seismic Control *(13 40)*

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Bracing Assembly *(13 48 63)*

13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	117.81	
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	114.00	
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	171.56	
13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	222.17	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	216.88	
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	322.42	
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	427.95	
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	138.16	
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	204.34	
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	270.50	

13 48 63 00-0012 Seismic Restraints *(13 48 63)*

13 48 63 00-0013	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	3.40	0.91
13 48 63 00-0014	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	2.47	0.46
13 48 63 00-0015	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	4.41	1.15
13 48 63 00-0016	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	3.16	0.57
13 48 63 00-0017	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	3.98	0.66
13 48 63 00-0018	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	6.47	0.80
13 48 63 00-0019	LF	3/4" Wide Seismic Strap, Gray	2.97	0.68
13 48 63 00-0020	LF	1" Wide Seismic Strap, Gray	4.16	0.68
13 48 63 00-0021	EA	3/4" Wide x 4" Long Seismic Strap, Gray	1.50	0.46
13 48 63 00-0022	EA	3/4" Wide x 12" Long Seismic Strap, Gray	6.38	1.38
13 48 63 00-0023	LF	Seismic Chord, Black	1.95	0.68
13 48 63 00-0024	LF	SAFELOK Seismic Fastener, Black	2.45	0.68

13 48 63 00-0025 Seismic Brace Components *(13 48 63)*

13 48 63 00-0026	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1 Note: To be used with 7x19 stranded cable.	21.06	
13 48 63 00-0027	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2 Note: To be used with 7x19 stranded cable.	27.83	
13 48 63 00-0028	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3 Note: To be used with 7x19 stranded cable.	35.96	
13 48 63 00-0029	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4 Note: To be used with 7x19 stranded cable.	48.13	
13 48 63 00-0030	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1 Note: To be used with angle or channel.	19.95	
13 48 63 00-0031	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2 Note: To be used with angle or channel.	25.91	
13 48 63 00-0032	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3 Note: To be used with angle or channel.	33.15	
13 48 63 00-0033	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4 Note: To be used with angle or channel.	43.79	
13 48 63 00-0034	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1 Note: To be used with 7x19 stranded cable.	23.57	
13 48 63 00-0035	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2 Note: To be used with 7x19 stranded cable.	30.17	
13 48 63 00-0036	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3 Note: To be used with 7x19 stranded cable.	40.81	
13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	39.11	
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	53.79	
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	72.30	
13 48 63 00-0040	EA	Seismic Rod Clamp; Mason SRC-1 Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	17.08	
13 48 63 00-0041	EA	Seismic Rod Clamp; Mason SRC-1 1/2 Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	20.48	
13 48 63 00-0042	EA	Seismic Rod Clamp; Mason SRC-2 Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	25.16	

13 49 Radiation Protection *(13 40)*

13 49 13 Integrated X-Ray Shielding Assemblies *(13 49)*

13 49 13 00-0001 Lead Shielding *(13 49 13)*

See CSI section 09 29 00 00-0054 for finishing tasks.

13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	18.20	5.51
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	26.29	5.97
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	41.09	6.43
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	72.98	8.27

13 49 16 Modular X-Ray Shielding Rooms *(13 49)*

13 49 16 00-0001 X-Ray Barriers, Modular *(13 49 16)*

Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

13 49 16 00-0002 1-Section Barrier, 36"W x 84"H *(13 49 16 00-0001)*

13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,537.78	116.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,685.46	116.98
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,791.32	140.38
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	2,968.54	140.38
13 49 16 00-0007		2-Section Barrier, 72"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,365.96	187.16
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,572.71	187.16
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	5,767.23	210.56
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	6,227.48	233.95
13 49 16 00-0012		3-Section Barrier, 108"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,088.27	233.95
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,472.24	233.95
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	8,713.50	280.74
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	9,350.94	304.15
13 49 16 00-0017		X-Ray Barriers, Mobile *(13 49 16)* Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018		30"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0019	EA	24"H Upper With 0.5mm LE, 48"H Lower With 0.8mm LE Mobile X-Ray Barriers	1,670.44	22.96
13 49 16 00-0020		48"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	2,940.49	22.96
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	3,531.22	22.96
13 49 16 00-0023		72"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	3,472.15	22.96
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	4,387.77	22.96
13 49 19		**Lead-Lined Materials** *(13 49)*		
13 49 19 16		**Lead-Lined Drywall** *(13 49 19)*		
13 49 19 16-0001		Lead Lined Drywall *(13 49 19 16)* See CSI section 09 29 00 00-0054 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	8.32	1.21
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	12.93	1.44
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	21.76	1.74

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation And Maintenance Of Conveying Equipment *(14)*

14 01 20 Operation And Maintenance Of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	HR	Elevator Servicing, Labor Only Note: Minimum 8 Hour	125.00	
14 01 20 71-0003	EA	Regular Elevator Inspection, Electric Up To 10 Floors (Sufficient For Issue Of Certificate/Permit)	830.57	
14 01 20 71-0004	EA	Regular Elevator Inspection, Electric Over 10 Floors (Sufficient For Issue Of Certificate/Permit)	1,038.21	
14 01 20 71-0005	EA	Regular Elevator Inspection, Hydraulic (Sufficient For Issue Of Certificate/Permit)	622.93	
14 01 20 71-0006	EA	Regular Elevator Inspection, Roped Hydraulic (Sufficient For Issue Of Certificate/Permit)	674.84	
14 01 20 71-0007	EA	Regular Elevator Inspection, Dumbwaiters/Cart Lifts (Sufficient For Issue Of Certificate/Permit)	181.69	
14 01 20 71-0008	EA	Full Load Test For Traction And Winding Drum Elevator Up To 10 Floors	729.24	
14 01 20 71-0009	EA	Full Load Test For Traction And Winding Drum Elevator Over 10 Floors	833.06	
14 01 20 71-0010	EA	Full Load Test For Hydraulic Elevator	521.59	
14 01 20 71-0011	EA	Full Load Test For Roped Hydraulic Elevator	651.37	
14 01 20 71-0012	EA	Full Load Test For Dumbwaiters/Cart Lifts	599.46	
14 01 20 71-0013	EA	Acceptance Test Of Traction And Winding Drum Elevator Up To 10 Floors	3,114.64	
14 01 20 71-0014	EA	Acceptance Test Of Traction And Winding Drum Elevator Over 10 Floors	3,426.10	
14 01 20 71-0015	EA	Acceptance Test Of Hydraulic Elevator	2,958.90	
14 01 20 71-0016	EA	Acceptance Test Of Roped Hydraulic Elevator	3,062.72	
14 01 20 71-0017	EA	Acceptance Test Of Dumbwaiters/Cart Lifts	1,816.87	

14 01 20 71-0018 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0019	EA	4" Piston (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	29,131.74	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 71-0020	EA	6" Piston (Hydraulic) Unit Up To 3 Stories (2,500 LB x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	35,931.15	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 71-0021	EA	8" Piston (Hydraulic) Unit Up To 3 Stories (3,000 LB x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	55,342.55	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 71-0022	EA	10" Piston (Hydraulic) Unit Up To 3 Stories (4,000 LB x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	76,252.76	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 71-0023	EA	12" Piston (Hydraulic) Unit Up To 3 Stories (6,000 LB x 100 FPM) Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.	91,458.18	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add *Note: Deduct if <3 stops.*	*3,155.00*	
14 01 20 71-0024	EA	Replace Multi-Port Controller Valve System	10,629.97	
14 01 20 71-0025	SET	Car Roller Guide Assembly, Set Of Four	4,476.59	860.15
14 01 20 71-0026	EA	New Door Opening, Excluding Buildback	7,644.95	
14 01 20 71-0027	SF	Cab Flooring, Epoxy Aggregate Flooring	20.86	7.88
14 01 20 71-0028	SF	Cab Flooring, Aluminum Diamond Plate	45.47	11.47
14 01 20 71-0029	EA	Car Stop Electronic Leveling Device (Per Car)	4,472.55	573.42
14 01 20 71-0030	EA	Electronic Leveling Device At Stop (Per Stop)	1,006.52	215.03
14 01 20 71-0031	EA	Hoistway Door Hangers Set	908.75	215.03
14 01 20 71-0032	EA	Hoistway Door Closer Set	424.95	114.68
14 01 20 71-0033	EA	Hoistway Door Interlock Set	663.01	179.20
14 01 20 71-0034	EA	Fire Service Switch Controller	1,987.73	215.03
14 01 20 71-0035	EA	Telephone Dialers For Elevator Viking Electronics #K-1500-4	615.87	143.36
14 01 20 71-0036	EA	Car Door Operators With ADA Buzzer	7,371.98	286.71
14 01 20 71-0037	EA	Car Door Safety Edges (Infrared Proximity Type Edge)	5,342.46	286.71
14 01 20 71-0038	EA	Car Operating Panel (ADA, Fire, Position, Chime)	13,049.52	
14 01 20 71-0039	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	549.10	100.35
14 01 20 71-0040	EA	Car Traveling Lanterns With Audible Signal	3,681.73	430.07
14 01 20 71-0041	EA	Hoistway Door Jam Floor Tags (Braille)	147.23	
14 01 20 71-0042	EA	Lobby Vandal Resistant Call Station	789.08	143.36
14 01 20 71-0043	EA	Car Voice Synthesized Floor Announcement Module	3,634.42	
14 01 20 71-0044	LF	Traveling Cable (140 Conductors, #16 AWG Type ETT)	21.59	10.75
14 01 20 71-0045	LF	Governor Cable	8.26	5.02
14 01 20 71-0046	EA	Cab Walls Coverings (3,500 LB, Rigid Stainless Steel)	11,407.37	1,146.86
14 01 20 71-0047	EA	Removal And Replacement Of Governor	5,866.56	
14 01 20 71-0048	EA	Removal And Replacement Of Car Station	8,341.39	
14 01 20 71-0049	EA	Removal And Replacement Of Telephone	3,602.21	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0050	EA	Removal And Replacement Of Lanterns	2,810.19	
14 01 20 71-0051	EA	Hall Call Buttons, Vandal Resistant	586.85	179.20
14 01 20 71-0052	EA	Hall Traveling Lanterns With Audible Signal	1,034.83	250.88
14 01 20 71-0053	EA	Add Raised Character (Braille) Signage To Control Panel	326.96	
14 01 20 71-0054	EA	Reprogram Existing Controller, Signal Fixtures	20,214.86	
14 01 20 71-0055	EA	New Walls And Platform, Plastic Laminate, For 5' x 7' Cab	7,473.12	716.79
14 01 20 71-0056	EA	New Walls And Platform, Plastic Laminate With Shell, For 5' x 7' Cab	10,504.89	860.15
14 01 20 71-0057	EA	Replace Elevator Or Hoistway Doors, Baked Enamel	9,629.90	1,003.50
14 01 20 71-0058	EA	Reopening Device, Manual	3,975.47	501.75
14 01 20 71-0059	EA	Reopening Device, Automatic	18,553.70	501.75
14 01 20 71-0060	EA	Elevator Pit Ladder	1,636.43	573.42
14 01 20 71-0061	EA	New Walls And Platform, Partial Cab Plastic Laminate, For 5' x 7' Cab	10,342.42	716.79
14 01 20 71-0062	LF	Replace Lifting Cable, 3/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5	18.84	10.75
14 01 20 71-0063	LF	Replace Lifting Cable, 1/2" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 8.0, EHS Traction Steel - 9.7	20.70	10.75
14 01 20 71-0064	LF	Replace Lifting Cable, 5/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4	23.02	10.75
14 01 20 71-0065	EA	Hydraulic Leak Detector And Alarm In Elevator Pit (Sensorcomm Inc)	4,068.63	143.36
14 01 20 71-0066	LF	6" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	239.83	23.94
14 01 20 71-0067	LF	8" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	137.09	53.86
14 01 20 71-0068	LF	10" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	146.39	54.01
14 01 20 71-0069	LF	12" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	71.68	54.05
14 01 20 71-0070	EA	"RopeGripper" With Pumping Unit For Use On 4-7/8" Maximum Out To Out Of Cable	5,326.26	860.15
14 01 20 71-0071	EA	"RopeGripper" With Pumping Unit For Use On 6" Maximum Out To Out Of Cable	7,015.59	1,003.50
14 01 20 71-0072	EA	"RopeGripper" With Pumping Unit For Use On 10" Maximum Out To Out Of Cable	9,228.15	1,146.86
14 01 20 71-0073	EA	"RopeGripper" With Pumping Unit For Use On 11-1/2" Maximum Out To Out Of Cable	10,296.47	1,218.54
14 01 20 71-0074	EA	60 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	2,905.48	143.36
14 01 20 71-0075	EA	100 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	3,333.82	172.03
14 01 20 71-0076	EA	200 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	4,420.65	200.70
14 01 20 71-0077	EA	Aluminum Handrail Spacers With Set Screw	24.00	5.19
14 01 20 71-0078	EA	Bronze Handrail Spacers With Set Screw	38.76	5.19
14 01 20 71-0079	LF	1/2" x 2" Obround Stainless Steel Elevator Handrail	50.92	3.89
14 01 20 71-0080	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	70.21	3.89
14 01 20 71-0081	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	94.56	4.16
14 01 20 71-0082	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	109.94	3.89
14 01 20 71-0083	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	133.15	4.16
14 01 20 71-0084	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Brushed Finish	86.11	3.89
14 01 20 71-0085	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Brushed Finish	110.45	4.16
14 01 20 71-0086	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Mirror Finish	117.89	3.89
14 01 20 71-0087	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Mirror Finish	142.23	4.16
14 01 20 71-0088	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	74.36	3.89
14 01 20 71-0089	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	81.11	3.89
14 01 20 71-0090	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	108.63	4.16
14 01 20 71-0091	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	122.14	4.16
14 01 20 71-0092	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	113.91	3.89
14 01 20 71-0093	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	121.63	3.89
14 01 20 71-0094	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	141.44	4.16
14 01 20 71-0095	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	154.94	4.16
14 01 20 71-0096	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	86.11	3.89
14 01 20 71-0097	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	94.05	3.89
14 01 20 71-0098	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	126.34	4.16
14 01 20 71-0099	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	142.23	4.16
14 01 20 71-0100	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	132.64	3.89
14 01 20 71-0101	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	141.72	3.89
14 01 20 71-0102	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	164.93	4.16
14 01 20 71-0103	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	180.82	4.16

14 01 30 Operation And Maintenance Of Escalators And Moving Walks
(14 01)

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	622.93
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	151.36
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	3,426.10

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Replace 28" Wide Escalator Stair Tread	1,805.23
14 01 30 71-0007	EA	Replace 36" Wide Escalator Stair Tread	1,949.22
14 01 30 71-0008	EA	Replace 48" Wide Escalator Stair Tread	2,059.15
14 01 30 71-0009	EA	Replace 54" Wide Escalator Stair Tread	2,228.84
14 01 30 71-0010	LF	Replace Sliding Handrail	164.76

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0001		Selective-Collective Freight Elevators AC Rheostatic *(14 21 13)*		
		Note: Painted metal shaft doors and steel painted cab. Unit prices are based on shaft of 8 stops and 8 openings with power doors.		
14 21 13 00-0002	EA	Collective Freight Elevator, 4,000 LB x 100 FPM	251,236.89	15,858.72
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,975.97*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0003	EA	Collective Freight Elevator, 6,000 LB x 100 FPM	258,862.19	17,078.60
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,235.25*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0004	EA	Collective Freight Elevator, 8,000 LB x 100 FPM	263,437.12	18,501.79
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,321.67*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0005	EA	Collective Freight Elevator, 4,000 LB x 150 FPM	253,266.81	16,873.67
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*10,975.97*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0006	EA	Collective Freight Elevator, 6,000 LB x 150 FPM	260,759.81	18,027.46
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,235.25*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0007	EA	Collective Freight Elevator, 8,000 LB x 150 FPM	267,403.05	19,620.52
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,408.10*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0008	EA	Collective Freight Elevator, 4,000 LB x 200 FPM	255,825.16	17,288.57
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,062.40*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0009	EA	Collective Freight Elevator, 6,000 LB x 200 FPM	263,437.12	18,501.79
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,321.67*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	
14 21 13 00-0010	EA	Collective Freight Elevator, 8,000 LB x 200 FPM	277,172.10	20,183.82
		For Each Additional 50 FPM, Add	*2,165.00*	
		For Each Additional 500 Lb., Add	*2,619.00*	
		For Each Additional Stop, Add	*4,461.00*	
		Note: Deduct if <6 stops.		
		For Variable Voltage Construction, Add	*11,840.22*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Bi-Parting Doors, Add	*894.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Class "B" Loading, Add	*1,400.00*	
		For Class "C-1" Loading, Add	*3,350.00*	
		For Class "C-2" Loading, Add	*3,790.00*	
		For Class "C-3" Loading, Add	*5,175.00*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Selective-Collective Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of $4000. Unit prices based on a shaft of 6 stops and 6 openings.

14 21 23 13-0002	EA	AC Rheostatic Elevator, 2,000 LB x 50 FPM Collective Passenger Elevators	181,199.18	13,651.83
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0003	EA	AC Rheostatic Elevator, 2,000 LB x 100 FPM Collective Passenger Elevators	186,664.59	15,012.13
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0004	EA	AC Rheostatic Elevator, 2,000 LB x 150 FPM Collective Passenger Elevators	192,045.77	16,224.70
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0005	EA	Variable Voltage Elevator, 2,500 LB x 150 FPM Collective Passenger Elevators	166,025.45	16,873.67
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0006	EA	Variable Voltage Elevator, 3,000 LB x 150 FPM Collective Passenger Elevators	173,114.61	18,261.53
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0007	EA	Variable Voltage Elevator, 4,000 LB x 150 FPM Collective Passenger Elevators	179,834.76	20,183.82
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0008	EA	Variable Voltage Elevator, 2,500 LB x 200 FPM Collective Passenger Elevators	179,835.39	18,027.46
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0009	EA	Variable Voltage Elevator, 3,000 LB x 200 FPM Collective Passenger Elevators	187,028.81	18,748.52
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0010	EA	Variable Voltage Elevator, 4,000 LB x 200 FPM Collective Passenger Elevators	199,719.36	20,780.40
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0011	EA	Variable Voltage Elevator, 2,500 LB x 250 FPM Collective Passenger Elevators	181,273.19	18,027.46
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0012	EA	Variable Voltage Elevator, 3,000 LB x 250 FPM Collective Passenger Elevators	188,466.61	18,748.52
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0013	EA	Variable Voltage Elevator, 4,000 LB x 250 FPM Collective Passenger Elevators	201,157.17	20,780.40
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0014	EA	Variable Voltage Elevator, 2,500 LB x 300 FPM Collective Passenger Elevators	183,179.25	18,261.53
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0015	EA	Variable Voltage Elevator, 3,000 LB x 300 FPM Collective Passenger Elevators	191,648.46	19,620.52
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 21 23 13-0016	EA	Variable Voltage Elevator, 4,000 LB x 300 FPM Collective Passenger Elevators	203,860.78	21,413.26
		For Each Additional 50 FPM, Add	*2,147.00*	
		For Each Additional 500 Lb., Add	*2,147.00*	
		For Each Additional Stop, Add	*3,972.00*	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Color Aluminum Doors, Add	*844.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Cast Bronze Doors, Add	*3,221.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0001		**Hydraulic Freight Elevators** *(14 24 13)* Note: Painted metal shaft doors and steel painted cab. Unit prices are based on a shaft of 3 stops and 3 openings with power doors. See CSI section 14 24 13 00-0011 for drilling piston hole.		
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 LB x 50 FPM	130,312.42	7,899.69
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-11,451.31*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM	142,189.90	8,436.84
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-12,531.62*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM	164,572.76	8,825.12
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-14,692.25*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 3,000 LB x 100 FPM	145,616.33	7,989.40
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-12,963.75*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 4,000 LB x 100 FPM	155,358.60	8,539.29
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-13,828.00*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 6,000 LB x 100 FPM	180,151.64	9,052.44
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-16,204.69*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 3,000 LB x 150 FPM	158,580.07	7,989.40
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-14,260.12*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 4,000 LB x 150 FPM	170,799.89	8,697.82
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-15,340.44*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 6,000 LB x 150 FPM	193,471.94	9,230.65
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,263.00*	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	*-17,501.06*	
		For Class "B" Loading, Add	*1,235.00*	
		For Class "C-1" Loading, Add	*2,935.00*	
		For Class "C-2" Loading, Add	*3,530.00*	
		For Class "C-3" Loading, Add	*4,800.00*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling Note: Includes casing.	65.37	
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling Note: Includes casing.	77.55	
14 24 13 00-0014	VLF	12" To 16" Diameter Piston Drilling Note: Includes casing.	86.46	
14 24 13 00-0015	VLF	18" Diameter Piston Drilling Note: Includes casing.	98.31	

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of $4000. Unit prices are based on a shaft of 3 stops and 3 openings. See CSI section 14 24 13 00-0011 for drilling piston hole.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,000 LB x 50 FPM	108,081.02	7,587.06
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 50 FPM	113,027.43	7,899.69
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 LB x 50 FPM	122,812.04	8,470.68
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 2,000 LB x 100 FPM	118,427.90	7,899.69
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	125,214.20	8,591.51
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM	131,695.43	9,130.81
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 2,000 LB x 150 FPM	127,252.11	7,989.40
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0009	EA	Hydraulic Passenger Elevator, 2,500 LB x 150 FPM	138,983.96	8,994.51
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	
14 24 23 00-0010	EA	Hydraulic Passenger Elevator, 3,000 LB x 150 FPM	149,773.13	10,067.86
		For Each Additional 50 FPM, Add	*3,475.00*	
		For Each Additional 500 LB, Add	*3,475.00*	
		For Each Additional Stop, Add	*5,262.00*	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	*148.00*	
		For Each Opening With Stainless Steel Doors, Add	*1,610.00*	
		For Each Opening With Two Speed Doors, Add	*536.00*	
		For Each Opening With Two Speed Bi-Parting Doors, Add	*636.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*1,611.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*10,202.00*	
		For Stainless Steel Cab Interior, Add	*12,887.00*	

14 24 23 00-0011 Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14 24 23 00-0012	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings	87,327.91	7,899.69
14 24 23 00-0013	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings	65,515.58	6,749.47

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators, 1 Passenger Capacity *(14 26)*

Note: 400 lb capacity, 28 FPM rated, 220V, automatic operation. Includes cab interiors.

14 26 00 00-0002	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	34,176.23	3,897.44
14 26 00 00-0003	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	39,426.64	4,871.81
14 26 00 00-0004	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	44,697.64	5,846.17

14 26 00 00-0005 Small Elevators, 2 To 3 Passenger Capacity *(14 26)*

Note: 750 lb capacity, 36 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.

14 26 00 00-0006	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	49,440.79	5,846.17
14 26 00 00-0007	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	56,233.29	6,820.53
14 26 00 00-0008	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	63,001.38	7,794.89
14 26 00 00-0009	EA	5 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	70,413.37	8,769.26
14 26 00 00-0010	EA	6 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	79,423.86	10,230.79
14 26 00 00-0011	EA	7 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	88,971.34	11,692.33

14 26 00 00-0012 Small Elevators, 4 To 6 Passenger Capacity *(14 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: 1500 lb capacity, 42 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.		
14 26 00 00-0013	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	76,731.52	9,537.73
		For #4 Brushed Stainless Steel Doors, Add	*115.31*	
		For Wrap Around Front, Add	*57.66*	
		For Metal Hand Rails, Add	*288.28*	
		For Wood Hand Rails, Add	*432.42*	
		For Red Oak Side Panels, Add	*1,729.68*	
14 26 00 00-0014	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	87,707.31	11,413.18
		For #4 Brushed Stainless Steel Doors, Add	*129.76*	
		For Wrap Around Front, Add	*64.88*	
		For Metal Hand Rails, Add	*324.40*	
		For Wood Hand Rails, Add	*486.61*	
		For Red Oak Side Panels, Add	*1,946.43*	
14 26 00 00-0015	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity	99,193.19	13,543.62
		For #4 Brushed Stainless Steel Doors, Add	*144.21*	
		For Wrap Around Front, Add	*72.11*	
		For Metal Hand Rails, Add	*360.53*	
		For Wood Hand Rails, Add	*540.79*	
		For Red Oak Side Panels, Add	*2,163.18*	

14 30 Escalators And Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Escalators Stainless Steel Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	203,246.52	10,311.69
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	223,294.29	12,186.54
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	242,748.31	14,061.40
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	266,652.00	16,873.67
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	294,921.90	18,748.52
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	215,258.12	10,967.89
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	236,745.08	13,123.96
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	256,091.55	14,998.82
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	286,313.90	18,842.27
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	309,501.25	20,248.40
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	227,504.49	11,624.08
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	250,748.54	14,061.40
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	269,169.37	15,936.25
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	307,023.41	19,873.44
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	326,248.18	21,748.29
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	31,989.87	374.97

14 40 Lifts *(14)*

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Chair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	3,832.20	467.19

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Shorty Wheelchair Lift *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	6,002.87	311.47
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	6,002.87	311.47
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,210.41	415.29
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	9,210.41	415.29
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	11,556.14	830.57

14 90 Other Conveying Equipment *(14)*

14 91 Facility Chutes *(14 90)*

14 91 82 Trash Chutes *(14 91)*

14 91 82 00-0001 Trash Chutes *(14 91 82)*

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	21.44	3.61
		For Aluminum, Add	*1.46*	
		For Stainless Steel, Add	*5.10*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	27.19	3.61
		For Aluminum, Add	*1.97*	
		For Stainless Steel, Add	*6.90*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	29.95	4.50
		For Aluminum, Add	*2.18*	
		For Stainless Steel, Add	*7.64*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	44.76	4.50
		For Aluminum, Add	*3.60*	
		For Stainless Steel, Add	*12.59*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	412.83	25.23
		For Aluminum, Add	*36.21*	
		For Stainless Steel, Add	*126.72*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	225.27	49.55
		For Aluminum, Add	*12.59*	
		For Stainless Steel, Add	*44.08*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	169.35	54.06
		For Aluminum, Add	*5.51*	
		For Stainless Steel, Add	*19.29*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	47.53	18.92
		For Aluminum, Add	*0.95*	
		For Stainless Steel, Add	*3.31*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	375.78	67.58
		For Aluminum, Add	*23.30*	
		For Stainless Steel, Add	*81.54*	
14 91 82 00-0011	EA	Hopper Doors	809.52	57.39

14 91 82 00-0012 Aluminized Steel Trash Chutes And Accessories *(14 91 82)*

Note: Includes sprinklers. Includes smoke/shut down dampers per floor, chute opening doors per floor, base chute damper. Complete.

14 91 82 00-0013	EA	Refuse Bottom Hopper, Aluminum , 18" Diameter	1,517.40	255.05
14 91 82 00-0014	FLR	18" Diameter Trash Chutes And With Sprinklers Aluminized Steel	562.14	252.78
14 91 82 00-0015	FLR	24" Diameter Trash Chutes And With Sprinklers Aluminized Steel	650.59	276.49
14 91 82 00-0016	FLR	30" Diameter Trash Chutes And With Sprinklers Aluminized Steel	726.68	294.89
14 91 82 00-0017	FLR	36" Diameter Trash Chutes And With Sprinklers Aluminized Steel	791.61	315.95
14 91 82 00-0018	EA	Refuse Bottom Hopper, 36" Aluminized Steel, With Sprinklers	689.28	294.89

14 92 Pneumatic Tube Systems *(14 90)*

14 92 00 00-0001 Pneumatic Tube Station; Swisslog *(14 92)*

14 92 00 00-0002	LF	4" Pneumatic Tube	55.30	17.42
14 92 00 00-0003	LF	6" Pneumatic Tube	69.02	21.77
14 92 00 00-0004	EA	4" 90 Degree Bend	228.42	38.10
14 92 00 00-0005	EA	6" 90 Degree Bend	311.84	43.55
14 92 00 00-0006	EA	4" PRV Bend	283.90	57.17
14 92 00 00-0007	EA	6" PRV Bend	388.08	65.33
14 92 00 00-0008	EA	Vacuum Bypass Valve	1,681.84	272.21
14 92 00 00-0009	EA	Blower Assembly For 4" Tube	14,185.05	544.42
14 92 00 00-0010	EA	Blower Assembly For 6" Tube	17,203.96	653.30
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube	9,642.68	816.63
14 92 00 00-0012	EA	Recessed Receiving Station For 6" Tube	10,998.78	979.94
14 92 00 00-0013	EA	Wall Mount Receiving Station For 4" Tube	8,297.47	544.42
14 92 00 00-0014	EA	Wall Mount Receiving Station For 6" Tube	9,222.29	653.30
14 92 00 00-0015	EA	2 Out Transfer Unit For 4" Tube	6,587.66	598.85
14 92 00 00-0016	EA	2 Out Transfer Unit For 6" Tube	7,079.19	653.30
14 92 00 00-0017	EA	4 Out Transfer Unit For 4" Tube	7,971.51	816.63
14 92 00 00-0018	EA	4 Out Transfer Unit For 6" Tube	8,376.21	871.06
14 92 00 00-0019	EA	6 Out Transfer Unit For 4" Tube	9,844.86	1,088.82
14 92 00 00-0020	EA	6 Out Transfer Unit For 6" Tube	10,368.05	1,143.27
14 92 00 00-0021	EA	T.E.U. Assembly For 4" Tube	2,698.70	136.10
14 92 00 00-0022	EA	T.E.U. Assembly For 6" Tube	3,094.22	217.76
14 92 00 00-0023	EA	Security Door	937.32	
14 92 00 00-0024	EA	SB-101 Control Panel	2,729.89	326.64
14 92 00 00-0025	LF	Pneumatic Tube Hanging Material	9.12	2.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.

21 01 10 91-0002	EA	Relocate Existing Sprinkler Head And Branch Piping, 1 Head	441.07
21 01 10 91-0003	EA	Relocate Existing Sprinkler Head And Branch Piping, 2 To 4 Heads	294.04
21 01 10 91-0004	EA	Relocate Existing Sprinkler Head And Branch Piping, >4 To 10 Heads	147.02
21 01 10 91-0005	EA	Relocate Existing Sprinkler Head And Branch Piping, > 10 Heads Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	44.12

21 01 10 91-0006 Sprinkler Upgrades *(21 01 10 91)*

21 01 10 91-0007	LF	Bleed Existing Lines Of Water	0.45
21 01 10 91-0008	LF	Refill Existing Lines With Water	0.54

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	158.05
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	1.49
21 01 30 91-0004	EA	Inspection, Halon 1301	158.05
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	35.77
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	95.56
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	33.54
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	95.56
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	2.98
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	29.40
21 01 30 91-0011	EA	Disarm/Arm System	51.46

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements For Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters And Gages For Fire-Suppression Systems *(21 05)*

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	30.05	9.18
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	31.01	9.18
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	35.49	9.18
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	37.33	9.18
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	39.17	9.18

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	2,737.79	143.19
		For >10 To 25, Deduct	*-136.89*	
		For >25, Deduct	*-392.75*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,557.19	240.05
		For >10 To 25, Deduct	*-277.86*	
		For >25, Deduct	*-803.50*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	7,500.39	313.81
		For >10 To 25, Deduct	*-375.02*	
		For >25, Deduct	*-1,085.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,776.85	400.99
		For >10 To 25, Deduct	*-488.84*	
		For >25, Deduct	*-1,416.72*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	13,740.99	488.16
		For >10 To 25, Deduct	*-687.05*	
		For >25, Deduct	*-2,000.13*	

21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 23 05 23 00-0000 for valves.

21 05 23 00-0001 TESTanDRAIN® Valve *(21 05 23)*

21 05 23 00-0002	EA	1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	130.79	10.57
21 05 23 00-0003	EA	1" Threaded TESTanDRAIN® Valve (AGF 1000)	148.40	12.78
21 05 23 00-0004	EA	1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	181.90	16.16
21 05 23 00-0005	EA	1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	278.71	18.66
21 05 23 00-0006	EA	2" Threaded TESTanDRAIN® Valve (AGF 1000)	294.89	22.03
21 05 23 00-0007	EA	1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	204.50	12.78
21 05 23 00-0008	EA	1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	237.45	16.16
21 05 23 00-0009	EA	1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	335.96	18.66
21 05 23 00-0010	EA	2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	353.66	22.03

21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration And Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls For Fire-Suppression Piping And Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification For Fire-Suppression Piping And Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0345 for copper pipe, 22 11 16 00-0889 for CPVC pipe, 23 05 23 00-0239 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

21 11 19 00-0001 Fire Department Connections *(21 11 19)*

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	554.16	236.52
		For Polished Chrome, Add	*24.48*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	747.89	295.65
		For Polished Chrome, Add	*37.47*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	738.17	236.52
		For Polished Chrome, Add	*47.47*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	963.72	295.65
		For Polished Chrome, Add	*64.45*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	1,016.48	295.65
		For Polished Chrome, Add	*71.05*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	912.24	312.91
		For Polished Chrome, Add	*54.79*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	609.82	236.52
		For Polished Chrome, Add	*31.44*	

21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated *(21 11 19)*

See CSI section 33 14 19 00-0210 for adjustable indicator post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	983.91	240.05

21 12 Fire-Suppression Standpipes *(21 10)*

21 12 13 Fire-Suppression Hoses And Nozzles *(21 12)*

21 12 13 00-0001 Fire Hose *(21 12 13)*

21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.97	1.47
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.31	1.47
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.08	1.47
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.46	1.47
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.27	1.47
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.86	1.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.36	1.47
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.05	1.47
21 12 13 00-0011		Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	3.09	0.81
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	3.75	0.96
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	5.76	0.96
21 12 13 00-0015		Fire Hose Accessories *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	71.10	24.26
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	100.15	27.19
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	47.24	19.11
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	81.75	19.11
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	66.74	19.11
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	91.29	19.11
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	172.31	80.86
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	217.95	80.86
21 12 23		**Fire-Suppression Hose Valves** *(21 12)*		
21 12 23 00-0001		Standpipe Valves *(21 12 23)*		
21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	400.96	156.46
		For Polished Chrome, Add	*24.60*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	595.11	156.39
		For Polished Chrome, Add	*53.73*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	750.38	169.17
		For Polished Chrome, Add	*74.10*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	874.90	156.39
		For Polished Chrome, Add	*95.69*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	1,020.02	169.17
		For Polished Chrome, Add	*114.55*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	565.38	156.39
		For Polished Chrome, Add	*49.27*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	797.01	169.17
		For Polished Chrome, Add	*81.10*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	991.37	161.46
		For Polished Chrome, Add	*89.61*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,391.95	179.38
		For Polished Chrome, Add	*134.42*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,058.27	161.46
		For Polished Chrome, Add	*97.64*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,492.75	179.38
		For Polished Chrome, Add	*146.51*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	2,401.28	215.22
		For Polished Chrome, Add	*207.51*	
21 12 23 00-0014		Fire Hose Angle Valves *(21 12 23)*		
21 12 23 00-0015	EA	1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	128.35	19.85
21 12 23 00-0016	EA	1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	151.45	19.85
21 12 23 00-0017	EA	1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	143.05	19.85
21 12 23 00-0018	EA	1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	166.15	19.85
21 12 23 00-0019	EA	2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	227.19	33.08
21 12 23 00-0020	EA	2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	260.79	33.08
21 12 23 00-0021	EA	2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	263.59	33.08
21 12 23 00-0022	EA	2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	297.19	33.08
21 12 23 00-0023		Fire Hose Valve Cap And Chain *(21 12 23)*		
21 12 23 00-0024	EA	1-1/2" Cast Brass, Fire Hose Valve Cap And Chain	26.59	7.35
21 12 23 00-0025	EA	1-1/2" Polished Brass, Fire Hose Valve Cap And Chain	39.89	7.35
21 12 23 00-0026	EA	1-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	35.69	7.35
21 12 23 00-0027	EA	1-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	46.19	7.35
21 12 23 00-0028	EA	1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	19.40	7.35
21 12 23 00-0029	EA	2-1/2" Cast Brass, Fire Hose Valve Cap And Chain	40.77	9.18
21 12 23 00-0030	EA	2-1/2" Polished Brass, Fire Hose Valve Cap And Chain	52.67	9.18
21 12 23 00-0031	EA	2-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	50.57	9.18
21 12 23 00-0032	EA	2-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	62.47	9.18
21 12 23 00-0033	EA	2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	25.46	9.18
21 12 23 00-0034	EA	3" Cast Brass, Fire Hose Valve Cap And Chain	61.84	9.92
21 12 23 00-0035	EA	3" Polished Brass, Fire Hose Valve Cap And Chain	77.24	9.92
21 12 23 00-0036	EA	3" Rough Chrome Plated, Fire Hose Valve Cap And Chain	72.34	9.92
21 12 23 00-0037	EA	3" Polished Chrome Plated, Fire Hose Valve Cap And Chain	88.44	9.92
21 12 29		**Fire-Suppression Fire Hose Equipment** *(21 12)*		
21 12 29 00-0001		Standpipe And Fire Hose Equipment *(21 12 29)*		
21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	1,152.24	387.84
21 12 29 00-0003	EA	Water Motor Gong	389.48	112.12
21 12 29 00-0004	EA	Water Motor Gong With Retard Chamber Assembly	729.02	137.32
21 12 29 00-0005	EA	Fire Riser Flow Switch (NFPA 13)	260.51	13.05
21 12 29 00-0006	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	137.92	22.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 29 00-0007	EA	Spare Sprinkler Head Box For 3 Heads Note: Excludes spare sprinkler heads.	25.34	8.58
21 12 29 00-0008	EA	Spare Sprinkler Head Box For 6 Heads Note: Excludes spare sprinkler heads.	25.47	8.58
21 12 29 00-0009	EA	Spare Sprinkler Head Box For 12 Heads Note: Excludes spare sprinkler heads.	26.89	8.58

21 12 29 00-0010 Water Flow Detector *(21 12 29)*

21 12 29 00-0011 Pressure-Type Wazter Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0012	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	231.99	68.67
21 12 29 00-0013	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	334.40	90.98
21 12 29 00-0014	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	503.35	103.00

21 12 29 00-0015 Vane-Type Water Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0016	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	283.22	68.67
21 12 29 00-0017	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	397.17	90.98
21 12 29 00-0018	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	602.84	103.00

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet-Pipe Sprinkler Systems *(21 13 13)*

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	278.94
		For Copper Pipe, Add	*32.41*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-46.36*
		For Up To 5, Add	*130.43*
		For >5 To 10, Add	*84.07*
		For >10 To 20, Add	*56.18*
		For >20 To 40, Add	*23.38*
		For >100 To 150, Deduct	*-27.89*
		For >150, Deduct	*-55.79*
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	375.42
		For Copper Pipe, Add	*42.43*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-61.20*
		For Up To 5, Add	*177.93*
		For >5 To 10, Add	*116.73*
		For >10 To 20, Add	*79.19*
		For >20 To 40, Add	*32.65*
		For >100 To 150, Deduct	*-37.54*
		For >150, Deduct	*-75.08*

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	277.51
		For Copper Pipe, Add	*32.31*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-46.19*
		For Up To 5, Add	*129.63*
		For >5 To 10, Add	*83.44*
		For >10 To 20, Add	*55.69*
		For >20 To 40, Add	*23.19*
		For >100 To 150, Deduct	*-27.75*
		For >150, Deduct	*-55.50*
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	371.81
		For Copper Pipe, Add	*42.07*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-60.66*
		For Up To 5, Add	*176.12*
		For >5 To 10, Add	*115.46*
		For >10 To 20, Add	*78.28*
		For >20 To 40, Add	*32.29*
		For >100 To 150, Deduct	*-37.18*
		For >150, Deduct	*-74.36*

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	257.04	
		For Copper Pipe, Add	*29.88*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-42.73*	
		For Up To 5, Add	*120.17*	
		For >5 To 10, Add	*77.43*	
		For >10 To 20, Add	*51.73*	
		For >20 To 40, Add	*21.53*	
		For >100 To 150, Deduct	*-25.70*	
		For >150, Deduct	*-51.41*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	344.99	
		For Copper Pipe, Add	*38.99*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-56.24*	
		For Up To 5, Add	*163.52*	
		For >5 To 10, Add	*107.28*	
		For >10 To 20, Add	*72.79*	
		For >20 To 40, Add	*30.01*	
		For >100 To 150, Deduct	*-34.50*	
		For >150, Deduct	*-69.00*	
21 13 13 00-0011		**Wet-Pipe Sprinkler Components** *(21 13 13)* Note: Excludes hydraulic calculations.		
21 13 13 00-0012		**Wet-Pipe Alarm Valves** *(21 13 13 00-0011)*		
21 13 13 00-0013	EA	2" Wet-Pipe Alarm Valve	1,276.04	583.83
21 13 13 00-0014	EA	3" Wet-Pipe Alarm Valve	1,716.19	796.97
21 13 13 00-0015	EA	4" Wet-Pipe Alarm Valve	2,728.33	1,115.77
21 13 13 00-0016	EA	6" Wet-Pipe Alarm Valve	3,128.23	1,318.32
21 13 13 00-0017	EA	8" Wet-Pipe Alarm Valve	4,338.02	1,450.15
21 13 13 00-0018		**Wet-Pipe Sprinkler Heads** *(21 13 13 00-0011)*		
21 13 13 00-0019		**Upright Wet-Pipe Sprinkler Heads** *(21 13 13 00-0018)*		
21 13 13 00-0020	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	46.44	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 500, Deduct	*-6.63*	
		For >500 To 1,000, Deduct	*-13.98*	
		For >1,000, Deduct	*-20.60*	
21 13 13 00-0021	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	47.81	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 500, Deduct	*-6.80*	
		For >500 To 1,000, Deduct	*-14.23*	
		For >1,000, Deduct	*-20.85*	
21 13 13 00-0022	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	48.68	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 500, Deduct	*-6.91*	
		For >500 To 1,000, Deduct	*-14.39*	
		For >1,000, Deduct	*-21.00*	
21 13 13 00-0023	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	47.13	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.01*	
		For >100 To 500, Deduct	*-6.72*	
		For >500 To 1,000, Deduct	*-14.11*	
		For >1,000, Deduct	*-20.72*	
21 13 13 00-0024	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	48.54	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 500, Deduct	*-6.89*	
		For >500 To 1,000, Deduct	*-14.36*	
		For >1,000, Deduct	*-20.98*	
21 13 13 00-0025	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	49.45	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.13*	
		For >100 To 500, Deduct	*-7.01*	
		For >500 To 1,000, Deduct	*-14.52*	
		For >1,000, Deduct	*-21.14*	
21 13 13 00-0026	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	56.04	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 500, Deduct	*-7.83*	
		For >500 To 1,000, Deduct	*-15.71*	
		For >1,000, Deduct	*-22.33*	
21 13 13 00-0027	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	59.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 500, Deduct	*-8.29*	
		For >500 To 1,000, Deduct	*-16.37*	
		For >1,000, Deduct	*-22.98*	
21 13 13 00-0028	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	56.04	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 500, Deduct	*-7.83*	
		For >500 To 1,000, Deduct	*-15.71*	
		For >1,000, Deduct	*-22.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0029	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	59.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 500, Deduct	*-8.29*	
		For >500 To 1,000, Deduct	*-16.37*	
		For >1,000, Deduct	*-22.98*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	51.32	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.24*	
		For >500 To 1,000, Deduct	*-14.86*	
		For >1,000, Deduct	*-21.48*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	53.10	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.31*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-15.18*	
		For >1,000, Deduct	*-21.80*	
21 13 13 00-0032	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	53.02	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.55*	
		For >500 To 1,000, Deduct	*-15.79*	
		For >1,000, Deduct	*-23.14*	
21 13 13 00-0033	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	55.10	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.17*	
		For >1,000, Deduct	*-23.52*	
21 13 13 00-0034	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	55.52	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 500, Deduct	*-7.86*	
		For >500 To 1,000, Deduct	*-16.24*	
		For >1,000, Deduct	*-23.59*	
21 13 13 00-0035	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	53.02	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.55*	
		For >500 To 1,000, Deduct	*-15.79*	
		For >1,000, Deduct	*-23.14*	
21 13 13 00-0036	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	55.10	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.17*	
		For >1,000, Deduct	*-23.52*	
21 13 13 00-0037	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	55.52	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 500, Deduct	*-7.86*	
		For >500 To 1,000, Deduct	*-16.24*	
		For >1,000, Deduct	*-23.59*	
21 13 13 00-0038	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	50.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-21.31*	
21 13 13 00-0039	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	51.74	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.24*	
		For >100 To 500, Deduct	*-7.29*	
		For >500 To 1,000, Deduct	*-14.94*	
		For >1,000, Deduct	*-21.55*	
21 13 13 00-0040	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0041	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	50.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-21.31*	
21 13 13 00-0042	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	51.74	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.24*	
		For >100 To 500, Deduct	*-7.29*	
		For >500 To 1,000, Deduct	*-14.94*	
		For >1,000, Deduct	*-21.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0043	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0044	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0045	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	67.62	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.22*	
		For >100 To 500, Deduct	*-9.37*	
		For >500 To 1,000, Deduct	*-18.42*	
		For >1,000, Deduct	*-25.77*	
21 13 13 00-0046	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	69.18	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.30*	
		For >100 To 500, Deduct	*-9.57*	
		For >500 To 1,000, Deduct	*-18.70*	
		For >1,000, Deduct	*-26.05*	
21 13 13 00-0047	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	69.18	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.30*	
		For >100 To 500, Deduct	*-9.57*	
		For >500 To 1,000, Deduct	*-18.70*	
		For >1,000, Deduct	*-26.05*	
21 13 13 00-0048	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	57.06	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.69*	
		For >100 To 500, Deduct	*-8.05*	
		For >500 To 1,000, Deduct	*-16.52*	
		For >1,000, Deduct	*-23.87*	
21 13 13 00-0049	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	58.13	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.74*	
		For >100 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-16.71*	
		For >1,000, Deduct	*-24.06*	
21 13 13 00-0050	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	58.13	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.74*	
		For >100 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-16.71*	
		For >1,000, Deduct	*-24.06*	
21 13 13 00-0051	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	144.62	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-31.66*	
		For >1,000, Deduct	*-38.27*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	159.36	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 500, Deduct	*-20.84*	
		For >500 To 1,000, Deduct	*-34.93*	
		For >1,000, Deduct	*-42.29*	
21 13 13 00-0053	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	81.92	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 500, Deduct	*-11.07*	
		For >500 To 1,000, Deduct	*-20.37*	
		For >1,000, Deduct	*-26.99*	
21 13 13 00-0054	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	98.26	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-13.11*	
		For >500 To 1,000, Deduct	*-23.31*	
		For >1,000, Deduct	*-29.93*	
21 13 13 00-0055	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	166.56	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-9.98*	
		For >100 To 500, Deduct	*-21.65*	
		For >500 To 1,000, Deduct	*-35.60*	
		For >1,000, Deduct	*-42.22*	
21 13 13 00-0056	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	209.14	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-12.11*	
		For >100 To 500, Deduct	*-26.97*	
		For >500 To 1,000, Deduct	*-43.27*	
		For >1,000, Deduct	*-49.88*	
21 13 13 00-0057	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	101.94	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-13.66*	
		For >500 To 1,000, Deduct	*-24.60*	
		For >1,000, Deduct	*-31.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	102.43	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-24.69*	
		For >1,000, Deduct	*-32.04*	

21 13 13 00-0059 Conventional Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0060	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	46.44	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 500, Deduct	*-6.63*	
		For >500 To 1,000, Deduct	*-13.98*	
		For >1,000, Deduct	*-20.60*	
21 13 13 00-0061	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	47.81	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 500, Deduct	*-6.80*	
		For >500 To 1,000, Deduct	*-14.23*	
		For >1,000, Deduct	*-20.85*	
21 13 13 00-0062	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	48.68	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 500, Deduct	*-6.91*	
		For >500 To 1,000, Deduct	*-14.39*	
		For >1,000, Deduct	*-21.00*	
21 13 13 00-0063	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	53.50	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.51*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.88*	
		For >1,000, Deduct	*-23.23*	
21 13 13 00-0064	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	55.10	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.17*	
		For >1,000, Deduct	*-23.52*	
21 13 13 00-0065	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	55.35	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-16.21*	
		For >1,000, Deduct	*-23.56*	
21 13 13 00-0066	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	144.62	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-31.66*	
		For >1,000, Deduct	*-38.27*	

21 13 13 00-0067 Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

See CSI section 21 13 13 00-0203 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	46.44	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 500, Deduct	*-6.63*	
		For >500 To 1,000, Deduct	*-13.98*	
		For >1,000, Deduct	*-20.60*	
21 13 13 00-0069	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	47.81	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 500, Deduct	*-6.80*	
		For >500 To 1,000, Deduct	*-14.23*	
		For >1,000, Deduct	*-20.85*	
21 13 13 00-0070	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	48.68	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 500, Deduct	*-6.91*	
		For >500 To 1,000, Deduct	*-14.39*	
		For >1,000, Deduct	*-21.00*	
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	53.02	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.55*	
		For >500 To 1,000, Deduct	*-15.79*	
		For >1,000, Deduct	*-23.14*	
21 13 13 00-0072	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	55.10	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.17*	
		For >1,000, Deduct	*-23.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0073	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	55.52	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 500, Deduct	*-7.86*	
		For >500 To 1,000, Deduct	*-16.24*	
		For >1,000, Deduct	*-23.59*	
21 13 13 00-0074	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	50.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-21.31*	
21 13 13 00-0075	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	51.74	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.24*	
		For >100 To 500, Deduct	*-7.29*	
		For >500 To 1,000, Deduct	*-14.94*	
		For >1,000, Deduct	*-21.55*	
21 13 13 00-0076	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0077	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	50.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-21.31*	
21 13 13 00-0078	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	51.74	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.24*	
		For >100 To 500, Deduct	*-7.29*	
		For >500 To 1,000, Deduct	*-14.94*	
		For >1,000, Deduct	*-21.55*	
21 13 13 00-0079	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0080	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	50.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-21.31*	
21 13 13 00-0081	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	51.74	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.24*	
		For >100 To 500, Deduct	*-7.29*	
		For >500 To 1,000, Deduct	*-14.94*	
		For >1,000, Deduct	*-21.55*	
21 13 13 00-0082	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	52.00	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.60*	
21 13 13 00-0083	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	46.44	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 500, Deduct	*-6.63*	
		For >500 To 1,000, Deduct	*-13.98*	
		For >1,000, Deduct	*-20.60*	
21 13 13 00-0084	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	47.81	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 500, Deduct	*-6.80*	
		For >500 To 1,000, Deduct	*-14.23*	
		For >1,000, Deduct	*-20.85*	
21 13 13 00-0085	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	48.68	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 500, Deduct	*-6.91*	
		For >500 To 1,000, Deduct	*-14.39*	
		For >1,000, Deduct	*-21.00*	
21 13 13 00-0086	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	47.13	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.01*	
		For >100 To 500, Deduct	*-6.72*	
		For >500 To 1,000, Deduct	*-14.11*	
		For >1,000, Deduct	*-20.72*	
21 13 13 00-0087	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	48.10	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 500, Deduct	*-6.84*	
		For >500 To 1,000, Deduct	*-14.28*	
		For >1,000, Deduct	*-20.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0088	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	48.97	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.10*	
		For >100 To 500, Deduct	*-6.95*	
		For >500 To 1,000, Deduct	*-14.44*	
		For >1,000, Deduct	*-21.05*	
21 13 13 00-0089	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	54.30	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 500, Deduct	*-7.71*	
		For >500 To 1,000, Deduct	*-16.02*	
		For >1,000, Deduct	*-23.38*	
21 13 13 00-0090	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	56.07	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 500, Deduct	*-7.93*	
		For >500 To 1,000, Deduct	*-16.34*	
		For >1,000, Deduct	*-23.69*	
21 13 13 00-0091	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	56.07	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 500, Deduct	*-7.93*	
		For >500 To 1,000, Deduct	*-16.34*	
		For >1,000, Deduct	*-23.69*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	51.32	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.24*	
		For >500 To 1,000, Deduct	*-14.86*	
		For >1,000, Deduct	*-21.48*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	53.10	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.31*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-15.18*	
		For >1,000, Deduct	*-21.80*	
21 13 13 00-0094	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	55.77	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 500, Deduct	*-7.80*	
		For >500 To 1,000, Deduct	*-15.66*	
		For >1,000, Deduct	*-22.28*	
21 13 13 00-0095	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	58.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-8.16*	
		For >500 To 1,000, Deduct	*-16.19*	
		For >1,000, Deduct	*-22.80*	
21 13 13 00-0096	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	55.77	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 500, Deduct	*-7.80*	
		For >500 To 1,000, Deduct	*-15.66*	
		For >1,000, Deduct	*-22.28*	
21 13 13 00-0097	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	58.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-8.16*	
		For >500 To 1,000, Deduct	*-16.19*	
		For >1,000, Deduct	*-22.80*	
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	49.02	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.11*	
		For >100 To 500, Deduct	*-6.95*	
		For >500 To 1,000, Deduct	*-14.45*	
		For >1,000, Deduct	*-21.06*	
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	50.55	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.18*	
		For >100 To 500, Deduct	*-7.15*	
		For >500 To 1,000, Deduct	*-14.72*	
		For >1,000, Deduct	*-21.34*	
21 13 13 00-0100	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	51.35	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-14.87*	
		For >1,000, Deduct	*-21.48*	
21 13 13 00-0101	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	53.66	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 500, Deduct	*-7.63*	
		For >500 To 1,000, Deduct	*-15.91*	
		For >1,000, Deduct	*-23.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0102	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	55.17	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.60*	
		For >100 To 500, Deduct	*-7.82*	
		For >500 To 1,000, Deduct	*-16.18*	
		For >1,000, Deduct	*-23.53*	
21 13 13 00-0103	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	56.64	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 500, Deduct	*-8.00*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000, Deduct	*-23.80*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	49.88	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.15*	
		For >100 To 500, Deduct	*-7.06*	
		For >500 To 1,000, Deduct	*-14.60*	
		For >1,000, Deduct	*-21.22*	
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	51.38	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-14.87*	
		For >1,000, Deduct	*-21.49*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	52.20	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 500, Deduct	*-7.35*	
		For >500 To 1,000, Deduct	*-15.02*	
		For >1,000, Deduct	*-21.64*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	54.30	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 500, Deduct	*-7.71*	
		For >500 To 1,000, Deduct	*-16.02*	
		For >1,000, Deduct	*-23.38*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	55.88	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.63*	
		For >100 To 500, Deduct	*-7.90*	
		For >500 To 1,000, Deduct	*-16.31*	
		For >1,000, Deduct	*-23.66*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	57.40	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.09*	
		For >500 To 1,000, Deduct	*-16.58*	
		For >1,000, Deduct	*-23.93*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	73.75	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.34*	
		For >100 To 500, Deduct	*-10.05*	
		For >500 To 1,000, Deduct	*-18.90*	
		For >1,000, Deduct	*-25.51*	
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	73.75	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.34*	
		For >100 To 500, Deduct	*-10.05*	
		For >500 To 1,000, Deduct	*-18.90*	
		For >1,000, Deduct	*-25.51*	
21 13 13 00-0112	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	58.62	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.77*	
		For >100 To 500, Deduct	*-8.25*	
		For >500 To 1,000, Deduct	*-16.80*	
		For >1,000, Deduct	*-24.15*	
21 13 13 00-0113	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	59.78	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.83*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-17.01*	
		For >1,000, Deduct	*-24.36*	
21 13 13 00-0114	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	59.78	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.83*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-17.01*	
		For >1,000, Deduct	*-24.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0115	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	57.06	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.69*	
		For >100 To 500, Deduct	*-8.05*	
		For >500 To 1,000, Deduct	*-16.52*	
		For >1,000, Deduct	*-23.87*	
21 13 13 00-0116	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	58.13	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.74*	
		For >100 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-16.71*	
		For >1,000, Deduct	*-24.06*	
21 13 13 00-0117	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	58.13	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.74*	
		For >100 To 500, Deduct	*-8.19*	
		For >500 To 1,000, Deduct	*-16.71*	
		For >1,000, Deduct	*-24.06*	
21 13 13 00-0118	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	144.62	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 500, Deduct	*-18.90*	
		For >500 To 1,000, Deduct	*-31.66*	
		For >1,000, Deduct	*-38.27*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	159.36	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 500, Deduct	*-20.84*	
		For >500 To 1,000, Deduct	*-34.93*	
		For >1,000, Deduct	*-42.29*	
21 13 13 00-0120	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	81.92	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 500, Deduct	*-11.07*	
		For >500 To 1,000, Deduct	*-20.37*	
		For >1,000, Deduct	*-26.99*	
21 13 13 00-0121	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	98.26	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 500, Deduct	*-13.11*	
		For >500 To 1,000, Deduct	*-23.31*	
		For >1,000, Deduct	*-29.93*	
21 13 13 00-0122	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	166.56	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-9.98*	
		For >100 To 500, Deduct	*-21.65*	
		For >500 To 1,000, Deduct	*-35.60*	
		For >1,000, Deduct	*-42.22*	
21 13 13 00-0123	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	209.14	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-12.11*	
		For >100 To 500, Deduct	*-26.97*	
		For >500 To 1,000, Deduct	*-43.27*	
		For >1,000, Deduct	*-49.88*	
21 13 13 00-0124	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	101.94	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-6.94*	
		For >100 To 500, Deduct	*-13.66*	
		For >500 To 1,000, Deduct	*-24.60*	
		For >1,000, Deduct	*-31.95*	
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	102.43	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-13.72*	
		For >500 To 1,000, Deduct	*-24.69*	
		For >1,000, Deduct	*-32.04*	

21 13 13 00-0126 Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0127 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0126)*

21 13 13 00-0128	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	48.48	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 500, Deduct	*-6.89*	
		For >500 To 1,000, Deduct	*-14.35*	
		For >1,000, Deduct	*-20.97*	
21 13 13 00-0129	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	49.57	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.13*	
		For >100 To 500, Deduct	*-7.02*	
		For >500 To 1,000, Deduct	*-14.55*	
		For >1,000, Deduct	*-21.16*	
21 13 13 00-0130	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	51.30	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.24*	
		For >500 To 1,000, Deduct	*-14.86*	
		For >1,000, Deduct	*-21.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0131	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	49.10	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.11*	
		For >100 To 500, Deduct	*-6.96*	
		For >500 To 1,000, Deduct	*-14.46*	
		For >1,000, Deduct	*-21.08*	
21 13 13 00-0132	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	50.21	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 500, Deduct	*-7.10*	
		For >500 To 1,000, Deduct	*-14.66*	
		For >1,000, Deduct	*-21.28*	
21 13 13 00-0133	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	51.97	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.32*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.59*	
21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	53.10	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.31*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-15.18*	
		For >1,000, Deduct	*-21.80*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	54.88	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.69*	
		For >500 To 1,000, Deduct	*-15.50*	
		For >1,000, Deduct	*-22.12*	
21 13 13 00-0136	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	57.68	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.72*	
		For >100 To 500, Deduct	*-8.13*	
		For >500 To 1,000, Deduct	*-16.63*	
		For >1,000, Deduct	*-23.98*	
21 13 13 00-0137	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	60.34	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-17.11*	
		For >1,000, Deduct	*-24.46*	
21 13 13 00-0138	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	56.93	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 500, Deduct	*-7.94*	
		For >500 To 1,000, Deduct	*-15.87*	
		For >1,000, Deduct	*-22.49*	
21 13 13 00-0139	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	58.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-8.16*	
		For >500 To 1,000, Deduct	*-16.19*	
		For >1,000, Deduct	*-22.80*	
21 13 13 00-0140	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	56.93	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 500, Deduct	*-7.94*	
		For >500 To 1,000, Deduct	*-15.87*	
		For >1,000, Deduct	*-22.49*	
21 13 13 00-0141	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	58.69	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-8.16*	
		For >500 To 1,000, Deduct	*-16.19*	
		For >1,000, Deduct	*-22.80*	
21 13 13 00-0142	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	47.55	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.03*	
		For >100 To 500, Deduct	*-6.77*	
		For >500 To 1,000, Deduct	*-14.18*	
		For >1,000, Deduct	*-20.80*	
21 13 13 00-0143	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	48.45	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 500, Deduct	*-6.88*	
		For >500 To 1,000, Deduct	*-14.34*	
		For >1,000, Deduct	*-20.96*	
21 13 13 00-0144	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	49.58	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.13*	
		For >100 To 500, Deduct	*-7.02*	
		For >500 To 1,000, Deduct	*-14.55*	
		For >1,000, Deduct	*-21.16*	
21 13 13 00-0145	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	52.29	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.45*	
		For >100 To 500, Deduct	*-7.46*	
		For >500 To 1,000, Deduct	*-15.66*	
		For >1,000, Deduct	*-23.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0146	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	53.26	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 500, Deduct	*-7.58*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-23.19*	
21 13 13 00-0147	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	54.30	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 500, Deduct	*-7.71*	
		For >500 To 1,000, Deduct	*-16.02*	
		For >1,000, Deduct	*-23.38*	
21 13 13 00-0148	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	53.06	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.55*	
		For >500 To 1,000, Deduct	*-15.80*	
		For >1,000, Deduct	*-23.15*	
21 13 13 00-0149	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	54.06	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.54*	
		For >100 To 500, Deduct	*-7.68*	
		For >500 To 1,000, Deduct	*-15.98*	
		For >1,000, Deduct	*-23.33*	
21 13 13 00-0150	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	55.14	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.60*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.17*	
		For >1,000, Deduct	*-23.53*	
21 13 13 00-0151	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	55.16	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.60*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-16.18*	
		For >1,000, Deduct	*-23.53*	
21 13 13 00-0152	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	56.64	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 500, Deduct	*-8.00*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000, Deduct	*-23.80*	
21 13 13 00-0153	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	56.64	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 500, Deduct	*-8.00*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000, Deduct	*-23.80*	
21 13 13 00-0154	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	83.57	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.83*	
		For >100 To 500, Deduct	*-11.27*	
		For >500 To 1,000, Deduct	*-20.67*	
		For >1,000, Deduct	*-27.28*	
21 13 13 00-0155	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	83.57	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-5.83*	
		For >100 To 500, Deduct	*-11.27*	
		For >500 To 1,000, Deduct	*-20.67*	
		For >1,000, Deduct	*-27.28*	
21 13 13 00-0156	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	47.93	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.05*	
		For >100 To 500, Deduct	*-6.82*	
		For >500 To 1,000, Deduct	*-14.25*	
		For >1,000, Deduct	*-20.87*	
21 13 13 00-0157	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	47.93	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.05*	
		For >100 To 500, Deduct	*-6.82*	
		For >500 To 1,000, Deduct	*-14.25*	
		For >1,000, Deduct	*-20.87*	
21 13 13 00-0158	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	47.93	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.05*	
		For >100 To 500, Deduct	*-6.82*	
		For >500 To 1,000, Deduct	*-14.25*	
		For >1,000, Deduct	*-20.87*	

21 13 13 00-0159 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0126)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0160	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	49.90	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.15*	
		For >100 To 500, Deduct	*-7.06*	
		For >500 To 1,000, Deduct	*-14.61*	
		For >1,000, Deduct	*-21.22*	
21 13 13 00-0161	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	51.26	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.22*	
		For >100 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-14.85*	
		For >1,000, Deduct	*-21.47*	
21 13 13 00-0162	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	51.84	8.27
		For >25 To 50, Deduct	*-1.65*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.31*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000, Deduct	*-21.57*	
21 13 13 00-0163		Concealed Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*		
21 13 13 00-0164		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0163)*		
21 13 13 00-0165	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes coverplate	70.85	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.75*	
		For >100 To 500, Deduct	*-9.96*	
		For >500 To 1,000, Deduct	*-20.25*	
		For >1,000, Deduct	*-29.07*	
21 13 13 00-0166	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	54.89	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 500, Deduct	*-7.96*	
		For >500 To 1,000, Deduct	*-17.38*	
		For >1,000, Deduct	*-26.20*	
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	55.47	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-4.98*	
		For >100 To 500, Deduct	*-8.04*	
		For >500 To 1,000, Deduct	*-17.48*	
		For >1,000, Deduct	*-26.31*	
21 13 13 00-0168	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	67.07	11.94
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 500, Deduct	*-9.58*	
		For >500 To 1,000, Deduct	*-20.20*	
		For >1,000, Deduct	*-29.75*	
21 13 13 00-0169	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	63.39	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 500, Deduct	*-9.03*	
		For >500 To 1,000, Deduct	*-18.91*	
		For >1,000, Deduct	*-27.73*	
21 13 13 00-0170	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	63.39	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 500, Deduct	*-9.03*	
		For >500 To 1,000, Deduct	*-18.91*	
		For >1,000, Deduct	*-27.73*	
21 13 13 00-0171	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	67.07	11.94
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 500, Deduct	*-9.58*	
		For >500 To 1,000, Deduct	*-20.20*	
		For >1,000, Deduct	*-29.75*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	59.65	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.19*	
		For >100 To 500, Deduct	*-8.56*	
		For >500 To 1,000, Deduct	*-18.24*	
		For >1,000, Deduct	*-27.06*	
21 13 13 00-0173	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	63.39	11.03
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 500, Deduct	*-9.03*	
		For >500 To 1,000, Deduct	*-18.91*	
		For >1,000, Deduct	*-27.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0174	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	63.39	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 500, Deduct	*-9.03*	
		For >500 To 1,000, Deduct	*-18.91*	
		For >1,000, Deduct	*-27.73*	
21 13 13 00-0175	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	60.54	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.23*	
		For >100 To 500, Deduct	*-8.67*	
		For >500 To 1,000, Deduct	*-18.40*	
		For >1,000, Deduct	*-27.22*	
21 13 13 00-0176	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	93.00	12.86
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.22*	
		For >100 To 500, Deduct	*-12.91*	
		For >500 To 1,000, Deduct	*-25.49*	
		For >1,000, Deduct	*-35.78*	
21 13 13 00-0177	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	57.79	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.10*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.90*	
		For >1,000, Deduct	*-26.72*	
21 13 13 00-0178	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	61.23	11.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.45*	
		For >100 To 500, Deduct	*-8.85*	
		For >500 To 1,000, Deduct	*-19.15*	
		For >1,000, Deduct	*-28.70*	
21 13 13 00-0179	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	58.32	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.12*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-18.00*	
		For >1,000, Deduct	*-26.82*	
21 13 13 00-0180	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	62.00	11.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.49*	
		For >100 To 500, Deduct	*-8.94*	
		For >500 To 1,000, Deduct	*-19.28*	
		For >1,000, Deduct	*-28.84*	
21 13 13 00-0181	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	67.31	11.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 500, Deduct	*-9.61*	
		For >500 To 1,000, Deduct	*-20.24*	
		For >1,000, Deduct	*-29.80*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate	105.11	12.86
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.83*	
		For >100 To 500, Deduct	*-14.43*	
		For >500 To 1,000, Deduct	*-27.67*	
		For >1,000, Deduct	*-37.96*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	105.11	12.86
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.83*	
		For >100 To 500, Deduct	*-14.43*	
		For >500 To 1,000, Deduct	*-27.67*	
		For >1,000, Deduct	*-37.96*	

21 13 13 00-0184 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0163)*

21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	75.29	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.97*	
		For >100 To 500, Deduct	*-10.51*	
		For >500 To 1,000, Deduct	*-21.05*	
		For >1,000, Deduct	*-29.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0186	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	84.17	11.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-6.60*	
		For >100 To 500, Deduct	*-11.72*	
		For >500 To 1,000, Deduct	*-23.27*	
		For >1,000, Deduct	*-32.83*	
21 13 13 00-0187	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	62.31	11.03
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 500, Deduct	*-8.89*	
		For >500 To 1,000, Deduct	*-18.71*	
		For >1,000, Deduct	*-27.54*	
21 13 13 00-0188	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	64.02	11.94
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.39*	
		For >50 To 100, Deduct	*-5.59*	
		For >100 To 500, Deduct	*-9.20*	
		For >500 To 1,000, Deduct	*-19.65*	
		For >1,000, Deduct	*-29.21*	

21 13 13 00-0189 Institutional Tamper Resistant Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0190	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	157.54	9.19
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-9.72*	
		For >100 To 500, Deduct	*-20.61*	
		For >500 To 1,000, Deduct	*-34.61*	
		For >1,000, Deduct	*-41.96*	
21 13 13 00-0191	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	154.05	9.19
		Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-9.54*	
		For >100 To 500, Deduct	*-20.18*	
		For >500 To 1,000, Deduct	*-33.98*	
		For >1,000, Deduct	*-41.33*	
21 13 13 00-0192	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	73.69	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.52*	
		For >100 To 500, Deduct	*-10.13*	
		For >500 To 1,000, Deduct	*-19.51*	
		For >1,000, Deduct	*-26.87*	
21 13 13 00-0193	EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	80.93	9.19
		For >25 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 500, Deduct	*-11.04*	
		For >500 To 1,000, Deduct	*-20.82*	
		For >1,000, Deduct	*-28.17*	

21 13 13 00-0194 Wet-Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0195 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0194)*

21 13 13 00-0196	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	29.73	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.11*	
		For >500 To 1,000, Deduct	*-8.04*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0197	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	29.73	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.11*	
		For >500 To 1,000, Deduct	*-8.04*	
		For >1,000, Deduct	*-11.19*	
21 13 13 00-0198	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	30.01	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 500, Deduct	*-4.15*	
		For >500 To 1,000, Deduct	*-8.09*	
		For >1,000, Deduct	*-11.24*	
21 13 13 00-0199	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	27.08	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 500, Deduct	*-3.78*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000, Deduct	*-10.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0200	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	27.08	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 500, Deduct	*-3.78*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000, Deduct	*-10.72*	
21 13 13 00-0201	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	27.08	9.48
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 500, Deduct	*-3.78*	
		For >500 To 1,000, Deduct	*-7.56*	
		For >1,000, Deduct	*-10.72*	
21 13 13 00-0202	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	30.10	10.30
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 500, Deduct	*-4.19*	
		For >500 To 1,000, Deduct	*-8.34*	
		For >1,000, Deduct	*-11.77*	

21 13 13 00-0203 Sprinkler Head Escutcheon *(21 13 13 00-0194)*

21 13 13 00-0204	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	11.22	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.96*	
		For >1,000, Deduct	*-4.06*	
21 13 13 00-0205	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0206	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0207	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	11.22	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.96*	
		For >1,000, Deduct	*-4.06*	
21 13 13 00-0208	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0209	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0210	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	10.70	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.96*	
21 13 13 00-0211	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0212	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0213	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	10.70	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.96*	
21 13 13 00-0214	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0215	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	8.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.69*	
		For >100 To 500, Deduct	*-1.18*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0216	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	10.96	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-4.01*	
21 13 13 00-0217	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	10.96	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-4.01*	
21 13 13 00-0218	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	4.84	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.23*	
21 13 13 00-0219	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	4.47	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000, Deduct	*-2.17*	
21 13 13 00-0220	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	4.57	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.18*	
21 13 13 00-0221	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	4.90	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-2.24*	
21 13 13 00-0222	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	4.54	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-2.18*	
21 13 13 00-0223	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	4.54	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-2.18*	
21 13 13 00-0224	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	5.28	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.58*	
		For >1,000, Deduct	*-2.31*	
21 13 13 00-0225	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	4.53	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-2.18*	
21 13 13 00-0226	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	4.53	2.43
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000, Deduct	*-2.18*	
21 13 13 00-0227	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	7.16	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-3.19*	
21 13 13 00-0228	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	6.97	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-3.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0229	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	7.03	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0230	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	7.23	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.21*	
21 13 13 00-0231	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	7.03	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-3.17*	
21 13 13 00-0232	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	7.16	3.40
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-2.16*	
		For >1,000, Deduct	*-3.19*	
21 13 13 00-0233	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0234	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0235	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0236	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0237	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0238	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	13.34	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.44*	
21 13 13 00-0239	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	15.13	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-4.76*	
21 13 13 00-0240	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	15.54	3.31
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.05*	
		For >100 To 500, Deduct	*-2.08*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-4.84*	

21 13 13 00-0241 Coverplate For Sprinkler Heads *(21 13 13 00-0194)*

21 13 13 00-0242	EA	Chrome Coverplate For Concealed Pendent Sprinkler Head	29.52	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 500, Deduct	*-3.85*	
		For >500 To 1,000, Deduct	*-6.38*	
		For >1,000, Deduct	*-7.63*	
21 13 13 00-0243	EA	White Coverplate For Concealed Pendent Sprinkler Head	15.32	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.82*	
		For >1,000, Deduct	*-5.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0244	EA	Specialty Coverplate For Concealed Pendent Sprinkler Head	21.48	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 500, Deduct	*-2.84*	
		For >500 To 1,000, Deduct	*-4.93*	
		For >1,000, Deduct	*-6.18*	
21 13 13 00-0245	EA	Brass Coverplate For Concealed Sidewall Sprinkler Head	19.88	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-5.89*	
21 13 13 00-0246	EA	Chrome Coverplate For Concealed Sidewall Sprinkler Head	16.26	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.13*	
		For >100 To 500, Deduct	*-2.19*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-5.24*	
21 13 13 00-0247	EA	White Coverplate For Concealed Sidewall Sprinkler Head	16.26	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.13*	
		For >100 To 500, Deduct	*-2.19*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-5.24*	
21 13 13 00-0248	EA	Off-White Coverplate For Concealed Sidewall Sprinkler Head	19.88	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-5.89*	
21 13 13 00-0249	EA	Black Painted Coverplate For Concealed Sidewall Sprinkler Head	19.88	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-5.89*	
21 13 13 00-0250	EA	Black Plated Coverplate For Concealed Sidewall Sprinkler Head	22.75	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-6.41*	
21 13 13 00-0251	EA	Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	22.75	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-6.41*	
21 13 13 00-0252	EA	Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	22.75	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000, Deduct	*-6.41*	
21 13 13 00-0253	EA	Specialty Coverplate For Concealed Sidewall Sprinkler Head	19.90	3.75
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 500, Deduct	*-2.64*	
		For >500 To 1,000, Deduct	*-4.64*	
		For >1,000, Deduct	*-5.89*	
21 13 13 00-0254	EA	White Coverplate For Quick Release Concealed Sidewall Sprinkler Head	32.94	4.41
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 500, Deduct	*-4.30*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000, Deduct	*-8.65*	

21 13 13 00-0255 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0194)*

21 13 13 00-0256	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	8.18	2.21
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.59*	
		For >100 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-2.83*	
21 13 13 00-0257	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	10.36	2.32
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0258	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	12.79	2.43
		For >25 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 500, Deduct	*-1.70*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-3.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0259	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	14.97	2.54
		For >25 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 500, Deduct	*-1.98*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-4.26*	

21 13 13 00-0260 Sprinkler Head Guards *(21 13 13 00-0194)*

21 13 13 00-0261	EA	Universal Sprinkler Head Guard, C-1	13.89	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 500, Deduct	*-2.01*	
		For >500 To 1,000, Deduct	*-4.38*	
		For >1,000, Deduct	*-6.58*	
21 13 13 00-0262	EA	Dry Pendent Sprinkler Head Guard, C-2	15.00	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.78*	
21 13 13 00-0263	EA	Upright Sprinkler Head Guard With Water Shield, C-3	16.89	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 500, Deduct	*-2.39*	
		For >500 To 1,000, Deduct	*-4.92*	
		For >1,000, Deduct	*-7.12*	
21 13 13 00-0264	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	19.23	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 500, Deduct	*-2.68*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000, Deduct	*-7.54*	
21 13 13 00-0265	EA	Universal Sprinkler Head Guard, D-1	14.96	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-6.77*	
21 13 13 00-0266	EA	Upright Sprinkler Head Guard With Water Shield, D-3	15.68	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 500, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000, Deduct	*-6.90*	
21 13 13 00-0267	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	21.03	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 500, Deduct	*-2.90*	
		For >500 To 1,000, Deduct	*-5.66*	
		For >1,000, Deduct	*-7.87*	
21 13 13 00-0268	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	19.96	6.61
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-5.47*	
		For >1,000, Deduct	*-7.67*	

21 13 13 00-0269 Flexible Sprinkler Piping *(21 13 13 00-0011)*

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

21 13 13 00-0270	EA	2' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	44.27	11.39
		For >25 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 500, Deduct	*-6.11*	
		For >500 To 1,000, Deduct	*-11.87*	
		For >1,000, Deduct	*-16.47*	
21 13 13 00-0271	EA	3' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	48.72	11.76
		For >25 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 500, Deduct	*-6.69*	
		For >500 To 1,000, Deduct	*-12.88*	
		For >1,000, Deduct	*-17.72*	
21 13 13 00-0272	EA	4' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	53.29	12.50
		For >25 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-3.94*	
		For >100 To 500, Deduct	*-7.30*	
		For >500 To 1,000, Deduct	*-13.93*	
		For >1,000, Deduct	*-19.03*	
21 13 13 00-0273	EA	5' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	58.04	13.23
		For >25 To 50, Deduct	*-1.35*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.93*	
		For >500 To 1,000, Deduct	*-15.04*	
		For >1,000, Deduct	*-20.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0274	EA	6' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	62.98	14.71
		For >25 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 500, Deduct	*-8.59*	
		For >500 To 1,000, Deduct	*-16.22*	
		For >1,000, Deduct	*-21.96*	

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry-Pipe Sprinkler Systems *(21 13 16)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	302.96	
		For Up To 5, Add	*141.83*	
		For >5 To 10, Add	*81.90*	
		For >10 To 20, Add	*61.26*	
		For >20 To 40, Add	*25.47*	
		For >100 To 150, Deduct	*-30.30*	
		For >150, Deduct	*-60.59*	
		For Copper Pipe, Add	*35.12*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-50.27*	
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	385.19	
		For Up To 5, Add	*182.08*	
		For >5 To 10, Add	*108.52*	
		For >10 To 20, Add	*80.52*	
		For >20 To 40, Add	*33.26*	
		For >100 To 150, Deduct	*-38.52*	
		For >150, Deduct	*-77.04*	
		For Copper Pipe, Add	*43.78*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-63.04*	

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	306.05	
		For Up To 5, Add	*142.81*	
		For >5 To 10, Add	*81.57*	
		For >10 To 20, Add	*61.18*	
		For >20 To 40, Add	*25.50*	
		For >100 To 150, Deduct	*-30.61*	
		For >150, Deduct	*-61.21*	
		For Copper Pipe, Add	*35.72*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-51.02*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	386.49	
		For Up To 5, Add	*182.26*	
		For >5 To 10, Add	*107.81*	
		For >10 To 20, Add	*80.14*	
		For >20 To 40, Add	*33.16*	
		For >100 To 150, Deduct	*-38.65*	
		For >150, Deduct	*-77.30*	
		For Copper Pipe, Add	*44.14*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-63.47*	

21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	286.78	
		For Up To 5, Add	*133.71*	
		For >5 To 10, Add	*76.17*	
		For >10 To 20, Add	*57.17*	
		For >20 To 40, Add	*23.84*	
		For >100 To 150, Deduct	*-28.68*	
		For >150, Deduct	*-57.36*	
		For Copper Pipe, Add	*33.52*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-47.86*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	359.82	
		For Up To 5, Add	*169.69*	
		For >5 To 10, Add	*100.40*	
		For >10 To 20, Add	*74.63*	
		For >20 To 40, Add	*30.87*	
		For >100 To 150, Deduct	*-35.98*	
		For >150, Deduct	*-71.96*	
		For Copper Pipe, Add	*41.09*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-59.08*	

21 13 16 00-0011 Dry-Pipe Sprinkler System Equipment *(21 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	1,305.66	225.50
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	1,356.69	225.50
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	1,399.74	225.50
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	1,567.17	225.50

21 13 16 00-0016 Dry-Pipe Sprinkler System Components *(21 13 16)*

Note: Excludes hydraulic calculations.

21 13 16 00-0017 Dry Pipe Alarm Valves *(21 13 16 00-0016)*

21 13 16 00-0018	EA	2" Dry Pipe Alarm Valve	1,311.81	583.83
21 13 16 00-0019	EA	3" Dry Pipe Alarm Valve	1,761.20	796.97
21 13 16 00-0020	EA	4" Dry Pipe Alarm Valve	3,164.70	1,115.77
21 13 16 00-0021	EA	6" Dry Pipe Alarm Valve	4,021.02	1,318.32
21 13 16 00-0022	EA	8" Dry Pipe Alarm Valve	4,973.36	1,450.15

21 13 16 00-0023 Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0024	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	119.91	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.20*	
		For >100 To 500, Deduct	*-16.09*	
		For >500 To 1,000, Deduct	*-29.08*	
		For >1,000, Deduct	*-37.90*	
21 13 16 00-0025	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	124.28	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.42*	
		For >100 To 500, Deduct	*-16.64*	
		For >500 To 1,000, Deduct	*-29.87*	
		For >1,000, Deduct	*-38.69*	
21 13 16 00-0026	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	128.65	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-17.18*	
		For >500 To 1,000, Deduct	*-30.66*	
		For >1,000, Deduct	*-39.48*	
21 13 16 00-0027	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	133.03	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.86*	
		For >100 To 500, Deduct	*-17.73*	
		For >500 To 1,000, Deduct	*-31.44*	
		For >1,000, Deduct	*-40.27*	
21 13 16 00-0028	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	137.39	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 500, Deduct	*-18.28*	
		For >500 To 1,000, Deduct	*-32.23*	
		For >1,000, Deduct	*-41.05*	
21 13 16 00-0029	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	141.76	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.29*	
		For >100 To 500, Deduct	*-18.82*	
		For >500 To 1,000, Deduct	*-33.02*	
		For >1,000, Deduct	*-41.84*	
21 13 16 00-0030	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	146.13	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.51*	
		For >100 To 500, Deduct	*-19.37*	
		For >500 To 1,000, Deduct	*-33.80*	
		For >1,000, Deduct	*-42.62*	
21 13 16 00-0031	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	150.51	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.73*	
		For >100 To 500, Deduct	*-19.92*	
		For >500 To 1,000, Deduct	*-34.59*	
		For >1,000, Deduct	*-43.41*	
21 13 16 00-0032	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	154.87	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.95*	
		For >100 To 500, Deduct	*-20.46*	
		For >500 To 1,000, Deduct	*-35.38*	
		For >1,000, Deduct	*-44.20*	
21 13 16 00-0033	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	159.24	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.17*	
		For >100 To 500, Deduct	*-21.01*	
		For >500 To 1,000, Deduct	*-36.16*	
		For >1,000, Deduct	*-44.98*	
21 13 16 00-0034	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	163.62	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.39*	
		For >100 To 500, Deduct	*-21.56*	
		For >500 To 1,000, Deduct	*-36.95*	
		For >1,000, Deduct	*-45.77*	
21 13 16 00-0035	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	167.99	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.61*	
		For >100 To 500, Deduct	*-22.10*	
		For >500 To 1,000, Deduct	*-37.74*	
		For >1,000, Deduct	*-46.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0036	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	172.37	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.82*	
		For >100 To 500, Deduct	*-22.65*	
		For >500 To 1,000, Deduct	*-38.53*	
		For >1,000, Deduct	*-47.35*	
21 13 16 00-0037	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	176.73	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-11.04*	
		For >100 To 500, Deduct	*-23.19*	
		For >500 To 1,000, Deduct	*-39.31*	
		For >1,000, Deduct	*-48.13*	
21 13 16 00-0038	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	181.10	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-11.26*	
		For >100 To 500, Deduct	*-23.74*	
		For >500 To 1,000, Deduct	*-40.10*	
		For >1,000, Deduct	*-48.92*	

21 13 16 00-0039 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0040	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	118.86	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.15*	
		For >100 To 500, Deduct	*-15.96*	
		For >500 To 1,000, Deduct	*-28.89*	
		For >1,000, Deduct	*-37.72*	
21 13 16 00-0041	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	123.23	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.37*	
		For >100 To 500, Deduct	*-16.51*	
		For >500 To 1,000, Deduct	*-29.68*	
		For >1,000, Deduct	*-38.50*	
21 13 16 00-0042	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	127.61	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.59*	
		For >100 To 500, Deduct	*-17.05*	
		For >500 To 1,000, Deduct	*-30.47*	
		For >1,000, Deduct	*-39.29*	
21 13 16 00-0043	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	131.97	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-8.80*	
		For >100 To 500, Deduct	*-17.60*	
		For >500 To 1,000, Deduct	*-31.25*	
		For >1,000, Deduct	*-40.08*	
21 13 16 00-0044	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	136.35	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.02*	
		For >100 To 500, Deduct	*-18.15*	
		For >500 To 1,000, Deduct	*-32.04*	
		For >1,000, Deduct	*-40.86*	
21 13 16 00-0045	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	140.71	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.24*	
		For >100 To 500, Deduct	*-18.69*	
		For >500 To 1,000, Deduct	*-32.83*	
		For >1,000, Deduct	*-41.65*	
21 13 16 00-0046	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	145.09	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.46*	
		For >100 To 500, Deduct	*-19.24*	
		For >500 To 1,000, Deduct	*-33.61*	
		For >1,000, Deduct	*-42.44*	
21 13 16 00-0047	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	149.46	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.68*	
		For >100 To 500, Deduct	*-19.79*	
		For >500 To 1,000, Deduct	*-34.40*	
		For >1,000, Deduct	*-43.22*	
21 13 16 00-0048	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	153.82	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-9.90*	
		For >100 To 500, Deduct	*-20.33*	
		For >500 To 1,000, Deduct	*-35.19*	
		For >1,000, Deduct	*-44.01*	
21 13 16 00-0049	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	158.19	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.12*	
		For >100 To 500, Deduct	*-20.88*	
		For >500 To 1,000, Deduct	*-35.97*	
		For >1,000, Deduct	*-44.79*	
21 13 16 00-0050	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	162.57	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.33*	
		For >100 To 500, Deduct	*-21.42*	
		For >500 To 1,000, Deduct	*-36.76*	
		For >1,000, Deduct	*-45.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0051	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	166.94	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-10.55*	
		For >100 To 500, Deduct	*-21.97*	
		For >500 To 1,000, Deduct	*-37.55*	
		For >1,000, Deduct	*-46.37*	
21 13 16 00-0052	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	180.05	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-11.21*	
		For >100 To 500, Deduct	*-23.61*	
		For >500 To 1,000, Deduct	*-39.91*	
		For >1,000, Deduct	*-48.73*	
21 13 16 00-0053	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	184.43	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-11.43*	
		For >100 To 500, Deduct	*-24.16*	
		For >500 To 1,000, Deduct	*-40.70*	
		For >1,000, Deduct	*-49.52*	
21 13 16 00-0054	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	186.17	14.56
		For >25 To 50, Deduct	*-2.21*	
		For >50 To 100, Deduct	*-11.51*	
		For >100 To 500, Deduct	*-24.37*	
		For >500 To 1,000, Deduct	*-41.01*	
		For >1,000, Deduct	*-49.83*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems *(21 13 19)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	291.80	
		For Up To 5, Add	*137.11*	
		For >5 To 10, Add	*88.94*	
		For >10 To 20, Add	*59.76*	
		For >20 To 40, Add	*24.78*	
		For >100 To 150, Deduct	*-29.18*	
		For >150, Deduct	*-58.36*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	271.72	
		For Up To 5, Add	*127.68*	
		For >5 To 10, Add	*82.84*	
		For >10 To 20, Add	*55.66*	
		For >20 To 40, Add	*23.08*	
		For >100 To 150, Deduct	*-27.17*	
		For >150, Deduct	*-54.34*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Deluge Fire-Suppression Sprinkler System Nozzles *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3/8" Auto Deluge Sprinkler Nozzle	69.59	31.54
21 13 26 00-0004	EA	1/2" Pendant Deluge Spring Nozzle With Open Head	69.59	31.54
21 13 26 00-0005	EA	1/2" Pendant Deluge Spring Nozzle Open Head With Canopy	69.59	31.54

21 13 26 00-0006 Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0007	EA	3" Deluge Valve With Trim And Release Equipment	3,942.57	408.44
21 13 26 00-0008	EA	4" Deluge Valve With Trim And Release Equipment	4,517.46	459.45
21 13 26 00-0009	EA	6" Deluge Valve With Trim And Release Equipment	5,638.01	668.30

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

21 13 39 00-0002 Control Valves *(21 13 39 00-0001)*

21 13 39 00-0003	EA	3" Foam Control Valve	1,950.93	408.44

21 13 39 00-0004 Supply Valves *(21 13 39 00-0001)*

21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	1,801.00	459.45

21 13 39 00-0006 Proportioners *(21 13 39 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 39 00-0007	EA	8" Foam Proportioner	1,618.58	668.30
21 13 39 00-0008		Monitors *(21 13 39 00-0001)*		
21 13 39 00-0009	EA	Oscillating Foam Monitor	1,872.94	91.89
21 13 41		**Fire-Suppression Sprinkler Piping** ***(21 13)***		
		See CSI section 23 21 13 23-0000 for black steel piping.		
21 13 41 00-0001		Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*		
		Note: SDR 13.5		
21 13 41 00-0002		Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*		
21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	3.69	1.18
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	4.31	1.25
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	5.27	1.40
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.32	1.54
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.93	1.69
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	10.56	1.92
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	14.45	2.28
21 13 41 00-0010		Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	18.62	7.06
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	24.24	8.82
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	30.32	11.03
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	34.37	12.21
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	38.84	13.68
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	47.90	15.51
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	58.23	18.38
21 13 41 00-0018		Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	18.96	7.06
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	23.69	8.82
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	29.91	11.03
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	33.71	12.21
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	38.01	13.68
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	45.81	15.51
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	55.93	18.38
21 13 41 00-0026		Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	27.79	10.58
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	35.83	13.31
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	45.39	16.61
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	51.65	18.38
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	59.72	20.43
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	72.13	23.30
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	85.22	27.50
21 13 41 00-0034		Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	33.16	12.43
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	42.74	15.51
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	47.73	17.13
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	55.66	19.11
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	65.15	21.76
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	76.74	25.65
21 13 41 00-0041		Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	37.38	14.11
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	46.86	17.72
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	58.90	22.12
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	66.10	24.48
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	76.36	27.28
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	95.37	31.02
21 13 41 00-0048		Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	12.70	4.71
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	17.02	6.32
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	22.51	8.31
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	25.47	9.19
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	29.02	10.22
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	34.37	11.61
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	41.26	13.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	6.44	2.35
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	10.28	3.82
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	11.65	4.11
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	13.25	4.56
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	15.47	5.15
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	18.43	5.81
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	23.48	6.91
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	18.15	6.99
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	23.97	9.11
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	26.51	10.07
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	30.03	11.25
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	35.28	12.79
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	42.73	15.14
21 13 41 00-0071		**Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	15.37	5.15
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	20.00	6.99
21 13 41 00-0074		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	15.37	5.15
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	20.00	6.99
21 13 41 00-0077		**Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	18.15	6.32
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	23.09	7.94
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	23.79	7.94
21 13 41 00-0081		**Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	29.91	10.58
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	36.94	13.31
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	47.65	16.61
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	54.05	18.38
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	62.64	20.43

21 16 Fire-Suppression Pressure Maintenance Pumps *(21 10)*

21 16 00 00-0001		**Jockey Pumps** *(21 16)* Note: Includes pump and controller.		
21 16 00 00-0002	EA	Jockey Pump And Controller	4,123.97	362.80

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001		**Carbon Dioxide Cylinders** *(21 21 16)*		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB	1,026.12	185.31
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each)	2,052.24	370.61
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	200.33	95.74
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	82.90	33.86
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	25.18	13.73

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.	1,203.82	63.18
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.	1,371.80	63.18
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.	1,393.89	63.18
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.	1,978.11	84.23
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.	2,089.16	84.23
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.	2,234.44	105.29
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.	2,369.84	105.29
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.	3,571.83	126.34
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	30.00	126.34

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	115.63	10.53
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	118.49	10.53
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	125.66	10.53
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	130.68	10.53
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	137.84	10.53
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	159.32	10.53
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	115.63	10.53
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	118.49	10.53
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	125.66	10.53
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	130.68	10.53
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	137.84	10.53
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	159.32	10.53

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	10.74	3.16
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	11.97	3.16
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	16.75	7.37
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	38.33	9.43
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	56.12	9.43
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	67.46	9.43
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	34.24	9.43
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	240.82	84.23
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	229.50	63.18
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	507.33	84.23

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	38.25	10.53
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	41.49	10.53

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	117.63	31.58
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	124.08	31.58
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	132.32	31.58

21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	308.29	33.53
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	434.15	57.53

21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	98.71	21.06
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	362.35	21.06
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	305.75	21.06
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,334.78	84.23

21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	35.82	14.74
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	62.61	14.74
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	171.51	10.53
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	222.12	10.53
21 22 16 00-0057		Pressure Switches, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	131.87	42.11
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	129.23	17.68
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	400.30	73.70
21 22 16 00-0061		Level Indicators, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	457.89	14.74
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	479.39	14.74
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	514.22	21.06
21 22 16 00-0065		Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	36.73	12.63
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	45.88	14.74
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	155.14	63.18
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	179.71	63.18
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	200.13	63.18
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	266.04	63.18
21 22 16 00-0072		Replacement Parts, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	44.01	16.85
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	70.13	10.53
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	95.49	21.06
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	255.87	84.23
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	381.23	84.23
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,260.26	84.23
21 22 16 00-0079		Inergen® Fire Suppression System *(21 22 16 00-0001)*		
21 22 16 00-0080		Actuation Attachments, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	137.03	20.87
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	159.11	22.42
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	284.69	40.60
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	573.99	92.46
21 22 16 00-0085		Check Valves, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,362.66	122.02
21 22 16 00-0087		Components, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	40.73	6.40
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	478.16	68.56
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,488.64	214.52
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,420.73	218.55
21 22 16 00-0092		Cylinders, Inergen® Fire Suppression System *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,243.75	196.34
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,410.86	222.44
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,014.73	288.26
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,020.52	352.24
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,461.82	248.02
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,066.06	313.93
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,140.04	378.51
21 22 16 00-0100		Inspection/Maintenance Devices, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	46.92	7.14
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	46.92	7.14
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	56.49	7.93
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	894.03	136.24
21 22 16 00-0105		Multiple Cylinder Bracketing, Inergen® Fire Suppression System *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	15.03	2.08
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	21.33	2.98
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System *(21 22 16 00-0079)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	16.57	2.33
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	15.34	2.33
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	66.68	10.05
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	69.98	10.53
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	81.28	12.16
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	90.64	13.73
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	103.96	15.79
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	102.15	15.56
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	105.97	16.02
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	97.75	14.83
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	100.24	16.02
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	116.20	17.62
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	124.22	18.77
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	133.75	20.14
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	230.25	35.24
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	304.43	46.22
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	331.90	50.80
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	118.97	18.30
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	140.33	21.42
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	115.47	17.62
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	123.33	18.68
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	124.41	18.77
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	150.19	22.79
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	161.89	24.71
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	248.51	37.92
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	290.18	44.39
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	317.97	48.52
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	133.75	20.14
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	164.12	25.08
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	176.52	27.00
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	248.51	37.92
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	271.55	41.55
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	319.05	48.52
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	370.97	56.89
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	438.60	67.28
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	559.04	132.73
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	718.46	155.62
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	924.41	260.88
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	545.42	132.73
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	603.80	92.71
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	924.41	260.88
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	556.88	132.73
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	627.55	96.34
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	907.21	260.88
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	629.02	101.15
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,030.36	156.93
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,464.54	209.11
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,551.34	212.71
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	72.70	10.82
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	87.11	14.33
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	830.67	111.95
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	90.60	10.63
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	94.96	11.19
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	99.65	11.38
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	106.85	11.76
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	111.30	12.90
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	111.98	13.95
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	246.69	37.38
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	248.89	37.76
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	319.05	48.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	116.20	17.62
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	161.79	40.28
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	299.67	26.05
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	254.72	38.89
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	527.55	260.88
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	159.69	24.32
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	187.46	28.38
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	523.93	260.88
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	166.29	25.47
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	194.79	29.69
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	541.84	260.88
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	32.08	1.93
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	32.48	2.12
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	35.00	2.52
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	20.35	3.09
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	167.14	23.53
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	125.60	23.53
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	131.26	20.30
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	149.19	23.15
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	189.76	29.41
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	204.40	31.69
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	255.97	39.84
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	272.42	42.32
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	522.22	81.59
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	41.97	6.07
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	113.72	17.64
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	166.73	25.80
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	15.21	2.35
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,310.47	204.74
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,098.55	171.53
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	852.80	133.20
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	742.72	115.94
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	742.72	115.94
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	594.97	92.79

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,098.55	171.53
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	223.41	34.72
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	280.10	43.65
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	561.69	87.67
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	94.89	14.70
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	129.10	20.30
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	223.42	34.72

21 22 16 00-0223 Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	173.86	28.27
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	10.78	1.93
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	73.53	2.35
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	11.70	2.35

21 22 16 00-0228 Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	386.57	63.37
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	231.69	37.76

21 22 16 00-0231 Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0232	EA	7 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	170.15	24.28
21 22 16 00-0233	EA	12 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	355.96	51.43
21 22 16 00-0234	EA	18 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	401.74	58.25
21 22 16 00-0235	EA	25 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	524.16	70.97
21 22 16 00-0236	EA	55 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	846.60	123.15
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	126.87	19.54
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	226.71	35.29
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	461.13	71.92
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,340.65	209.48
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	980.43	153.13

21 22 16 00-0242 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	103.32	16.22
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	96.69	16.13
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	131.28	23.15
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	194.16	30.17
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	151.14	24.48
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	142.07	23.53
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	22.64	3.75
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	83.42	13.28
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	83.36	12.90
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	30.71	10.63
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	7.67	1.18
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	80.24	12.43
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	47.01	7.33
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	127.19	19.35
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	66.54	10.24

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0258		Manual Pull Stations, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	19.12	2.75
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	11.83	1.52
21 22 16 00-0261		Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	166.73	25.80
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	500.83	74.19
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	957.40	149.52
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	25.52	3.87
21 22 16 00-0266		Vesda® Aspirating Smoke Detection System *(21 22 16 00-0001)*		
21 22 16 00-0267		Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	129.43	18.22
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	310.87	27.46
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	720.68	106.25
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	720.68	106.25
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,082.78	159.39
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,082.78	159.39
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,577.19	203.03
21 22 16 00-0275		Blank Plates, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	23.24	3.41
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	34.77	3.41
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	50.71	6.45
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	78.54	7.21
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	99.59	14.42
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	183.17	18.22
21 22 16 00-0282		Detectors, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	5,456.54	891.82
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	6,956.19	1,100.54
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	6,291.60	1,005.67
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	8,737.53	1,328.24
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	9,200.02	1,404.14
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	8,834.35	1,347.22
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	9,330.21	1,423.12
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	9,599.33	1,480.04
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	10,017.65	1,555.94
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	10,528.89	1,631.83
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	10,979.45	1,707.73
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	10,310.91	1,555.94
21 22 16 00-0295		Displays, Vesda® Aspirating Smoke Detection System *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	1,650.09	208.72
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	1,657.98	208.72
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,494.49	189.74
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,503.65	189.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	1,857.52	227.69
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	1,579.13	197.34
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	1,729.48	221.63
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	4,165.69	626.17
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	3,428.39	500.94
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,214.19	189.74
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	871.97	123.33
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,213.97	166.22
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	1,472.57	204.93
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	228.89	30.74
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,528.00	189.74
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,094.95	157.49
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	859.58	121.44
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,096.67	157.49
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,094.95	157.49
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,081.42	148.00
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	128.56	13.28
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	5,227.24	728.63
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	9,109.40	1,275.11
21 22 16 00-0320	EA	Detector Cover Assembly With EMC Shields, VSP-013, Vesda® Aspirating Smoke Detection System (Ansul 430473)	114.93	56.92
21 22 16 00-0321	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	711.07	94.87
21 22 16 00-0322	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	16.14	1.90
21 22 16 00-0323	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	8.99	0.38
21 22 16 00-0324	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	392.17	55.03
21 22 16 00-0325	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	475.15	66.79
21 22 16 00-0326	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	685.97	96.77
21 22 16 00-0327	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	101.09	14.42
21 22 16 00-0328	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	15.92	3.04
21 22 16 00-0329		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0330	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	14.39	2.27
21 22 16 00-0331	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	15.15	2.66
21 22 16 00-0332	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	23.24	3.41
21 22 16 00-0333	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	23.27	3.41
21 22 16 00-0334	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	84.45	12.90
21 22 16 00-0335		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0336	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	207.78	27.32
21 22 16 00-0337	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	279.91	36.43
21 22 16 00-0338	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	286.80	39.84
21 22 16 00-0339	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	690.81	56.92
21 22 16 00-0340	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,023.75	125.23
21 22 16 00-0341		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0342	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	4.00	1.18
21 22 16 00-0343	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	6.76	2.35
21 22 16 00-0344	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	18.51	7.06
21 22 16 00-0345	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	19.16	7.06
21 22 16 00-0346	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	13.23	4.71
21 22 16 00-0347	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	21.41	7.06
21 22 16 00-0348	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	28.49	10.58
21 22 16 00-0349	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	35.77	12.43
21 22 16 00-0350	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	3.92	1.37
21 22 16 00-0351	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	15.39	4.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	18.44	3.04
21 22 16 00-0353	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	26.40	4.18
21 22 16 00-0354		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0355	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,197.51	145.72
21 22 16 00-0356	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,224.04	167.73
21 22 16 00-0357	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	741.06	102.46
21 22 16 00-0358	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	846.52	115.74
21 22 16 00-0359	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,197.51	145.72
21 22 16 00-0360	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,443.64	167.73
21 22 16 00-0361	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	410.23	51.61
21 22 16 00-0362	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	617.25	78.93
21 22 16 00-0363	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,165.10	163.19
21 22 16 00-0364	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	1,709.16	239.09
21 22 16 00-0365		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0366		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0365)*		
21 22 16 00-0367	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	92.34	13.28
21 22 16 00-0368	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	69.06	9.86
21 22 16 00-0369		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0370		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0369)*		
21 22 16 00-0371	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,239.90	350.08
21 22 16 00-0372	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	68.04	8.04
21 22 16 00-0373	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	67.64	10.44
21 22 16 00-0374	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	40.29	6.26
21 22 16 00-0375	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	16.46	2.55
21 22 16 00-0376		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0369)*		
21 22 16 00-0377	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	76.31	11.01
21 22 16 00-0378	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	107.59	15.56
21 22 16 00-0379	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	840.11	122.20
21 22 16 00-0380	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	24.42	3.53
21 22 16 00-0381	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	10.95	1.57
21 22 16 00-0382		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0383		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0382)*		
21 22 16 00-0384	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	44.25	6.38
21 22 16 00-0385	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	81.65	12.34
21 22 16 00-0386	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	81.65	12.34
21 22 16 00-0387		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0388	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	2,353.09	91.54
21 22 16 00-0389	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	3,365.98	104.81
21 22 16 00-0390	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	3,995.34	123.57
21 22 16 00-0391	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	5,290.50	146.46
21 22 16 00-0392	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	8,257.09	183.08
21 22 16 00-0393	EA	Electro/Mechanical Release, For FM200 Fire Protection system	523.97	183.08
21 22 16 00-0394	EA	Manual Pull Station, For FM200 Fire Protection system	180.90	60.88
21 22 16 00-0395	EA	Pneumatic Damper Release, For FM200 Fire Protection system	203.33	45.77
21 22 16 00-0396	LB	FM200 Gas	15.40	
21 22 16 00-0397	EA	Master Cylinder, For FM200 Fire Protection system	3,812.37	49.25
21 22 16 00-0398	EA	Shuttle Check Valve, For FM200 Fire Protection system	479.09	68.84
21 22 16 00-0399	EA	Flex Head Cylinder, For FM200 Fire Protection system	480.70	73.78
21 22 16 00-0400	EA	Nozzles, For FM200 Fire Protection system	124.52	26.09
21 22 16 00-0401	EA	Cylinder Support, For FM200 Fire Protection system	157.44	49.25
21 22 16 00-0402	EA	Solenoid Valve, For FM200 Fire Protection system	609.28	73.78
21 22 16 00-0403	EA	Battery Back-Up, For FM200 Fire Protection system	545.18	194.61
21 22 16 00-0404	EA	Control Panel, Single Zone, For FM200 Fire Protection system	2,868.27	365.60
21 22 16 00-0405	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	4,686.28	732.03
21 22 16 00-0406	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	223.72	73.78
21 22 16 00-0407	EA	Annunciator, For FM200 Fire Protection system	2,317.60	277.09
21 22 16 00-0408	EA	Pressure Switch, For FM200 Fire Protection system	238.89	73.78
21 22 16 00-0409	EA	Alarm Horn, For FM200 Fire Protection system	222.26	73.78
21 22 16 00-0410	EA	Testing, For FM200 Fire Protection system	1,067.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0411	EA	Abort Switch, For FM200 Fire Protection system	143.27	34.33

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	523.43	75.81
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	606.77	94.43
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	744.15	116.49
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	879.21	138.22
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	29.13	3.96
21 23 16 00-0008	EA	System Valve Actuator	105.77	15.75
21 23 16 00-0009	EA	Vent Plug	20.01	3.20
21 23 16 00-0010	EA	Gauge Shield	54.01	8.42
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	54.73	8.42
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	58.01	8.93
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	110.18	16.85
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	110.17	19.12
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	156.18	19.16
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	22.22	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	23.28	

21 23 16 00-0018 Nozzles And Accessories *(21 23 16 00-0001)*

21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	49.19	7.75
21 23 16 00-0020	EA	LPF Or DM Nozzle	52.98	7.75
21 23 16 00-0021	EA	LPR Nozzle	60.78	7.75
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	36.66	5.48
21 23 16 00-0023	EA	Replacement Nozzle Seals	5.80	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	3.57	0.50
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	23.91	7.71

21 23 16 00-0026 Control Systems *(21 23 16 00-0001)*

21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	643.61	50.53
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	57.19	8.42
21 23 16 00-0029	EA	24" High Pressure Hose	66.75	8.42
21 23 16 00-0030	EA	60" High Pressure Hose	87.98	8.42
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 VDC	130.31	16.85
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	44.50	7.92
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	47.68	7.92
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector & O-Ring)	21.12	6.32
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	364.68	32.64
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	51.41	7.92
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	92.60	13.73
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	285.67	44.05

21 23 16 00-0039 Mechanical Actuation Components *(21 23 16 00-0001)*

21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	38.14	12.63
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	52.87	12.63
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	127.27	8.42
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	98.60	8.42
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	14.38	2.27
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	186.00	13.90
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	24.02	3.70
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	51.95	4.21
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	1.91	0.85
21 23 16 00-0049	EA	Cable Clamp	7.22	0.42
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.09	0.33
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.06	0.33
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	51.22	7.83

21 23 16 00-0053 Mechanical Detection Links *(21 23 16 00-0001)*

21 23 16 00-0054	EA	KGS Standard Response Link	12.81	4.21
21 23 16 00-0055	EA	KGS Rapid Response Link	17.20	4.21
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	15.23	4.21
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	15.85	4.21
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	22.22	4.21

21 23 16 00-0059 Gas Valves *(21 23 16 00-0001)*

21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	218.85	18.20

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	240.19	22.40
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	277.76	28.30
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	305.91	32.60
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	332.89	38.50
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	546.36	56.26
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	611.83	65.11
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	248.49	20.55
21 23 16 00-0068	EA	Replacement Cable Block And Set Screw Assembly For Gas Valve	31.78	4.21
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	226.92	16.93
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	229.45	18.20
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	349.98	22.40
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	373.93	28.30
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	429.33	32.60
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	549.45	38.50
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	903.00	56.26
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	1,130.51	65.11
21 23 16 00-0077	EA	Manual Reset Relay	354.84	84.65

21 23 16 00-0078 Liquid Tight Sealing Adapters *(21 23 16 00-0001)*

21 23 16 00-0079	EA	Compression Seal Adapter - 3/8" Tubing	26.00	3.53
21 23 16 00-0080	EA	Compression Seal Adapter - 1/2" Tubing / 1/4" Pipe	25.86	3.87
21 23 16 00-0081	EA	Compression Seal Adapter - 5/8" Tubing / 3/8" Pipe	30.44	4.63
21 23 16 00-0082	EA	Compression Seal Adapter - 3/4" Tubing / 1/2" Pipe	34.86	4.97
21 23 16 00-0083	EA	Compression Seal Adapter - 1/2" Electrical Metallic Tubing (EMT)	30.44	4.63
21 23 16 00-0084	EA	Quik-Seal Adapter - 3/8" NPT Female	25.86	3.87
21 23 16 00-0085	EA	Quik-Seal Adapter - 1/2" NPT Female	25.86	3.87
21 23 16 00-0086	EA	Quik-Seal Adapter - 3/4" NPT Female	42.64	6.57
21 23 16 00-0087	EA	Quik-Seal Adapter - 1" NPT Female	56.74	8.68
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	25.86	3.87

21 23 16 00-0089 Pressure Operated Releasing Systems *(21 23 16 00-0001)*

21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	186.39	25.43
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	169.23	25.95
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	123.27	6.40
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	485.16	73.36
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	103.33	15.67
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	150.89	15.67
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	146.38	11.12
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	47.54	7.08
21 23 16 00-0098	EA	Replacement Receiver Gasket For KRS-100 Actuator Assembly	6.18	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	389.00	58.96

21 23 16 00-0100 Pyro-Chem Kitchen Fire Suppression Systems *(21 23 16)*

21 23 16 00-0101 Cylinders, Kitchen Fire Suppression Systems *(21 23 16 00-0100)*

21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	492.41	59.80
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	709.32	86.16
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	934.52	117.84
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	102.06	14.07
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	671.69	91.98
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	410.10	56.10

21 23 16 00-0108 Fusible Links, Kitchen Fire Suppression Systems *(21 23 16 00-0100)*

21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	13.25	1.85
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	13.25	1.85
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	13.54	1.85
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	13.25	1.85
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	13.25	1.85
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	14.30	1.85
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	22.94	3.12
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	29.79	4.13
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	47.08	21.31
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	291.84	47.42

21 23 16 00-0119 Gas Valves, Kitchen Fire Suppression Systems *(21 23 16 00-0100)*

21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	229.80	18.20
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	262.86	22.40
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	286.40	28.30
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	315.96	32.51
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	364.13	38.41
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	826.43	56.18
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	885.19	65.03
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	182.88	18.20
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	306.25	22.40
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	322.75	28.30
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	367.55	32.51
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	504.85	38.41
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	964.79	56.18
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,021.22	65.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	47.31	6.23
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	66.57	7.92
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	242.41	7.92
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	17.54	2.45
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	574.52	79.09
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	732.30	101.16
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	375.60	51.80
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	453.16	62.41
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	414.38	57.11
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	432.60	59.72
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	563.39	77.66
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	646.42	89.28
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	52.50	7.25
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	12.74	1.18
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	13.27	1.52
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	42.09	5.81
21 23 16 00-0155	EA	Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.57	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	45.76	6.32
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	91.65	12.55
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	193.95	26.62
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	0.99	0.25
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.65	0.25
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	2.27	0.33
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.45	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	43.53	6.07
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	45.42	6.32
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	5.31	0.75
21 23 16 00-0169	EA	225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	62.20	8.25
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	8.75	1.18
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	12.19	1.68
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	5.31	0.75
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	7.50	1.01
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	7.33	1.01
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	2.09	0.25
21 23 16 00-0176	EA	Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	3.55	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	67.89	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	456.77	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	595.73	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	689.46	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	21.28	2.87
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	22.05	3.03
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	42.45	5.81
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	60.09	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	129.12	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	85.85	11.88
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	94.36	16.68
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	22.94	3.12
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	3.47	1.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0192		Asco Gas Valve Control Panels *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	1,420.86	185.31
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	1,464.47	185.31
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	465.64	42.11
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	437.15	42.11

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		Amerex KP Restaurant Fire Suppression Systems *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged	340.39	65.36
21 24 16 00-0003	EA	Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged	467.70	82.44
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	111.07	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	195.26	
21 24 16 00-0006	EA	Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet)	77.75	13.72
21 24 16 00-0007	EA	Bracket Assembly Agent Cylinder 6 Gallon	45.29	7.96
21 24 16 00-0008	EA	Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon	19.64	
21 24 16 00-0009	EA	Pneumatic Actuator - Agent Cylinder 6 Gallon	77.75	13.72
21 24 16 00-0010	EA	Actuator - MRM (Less N2 Cylinder And Enclosure)	195.26	34.41
21 24 16 00-0011	EA	Enclosure - MRM, Painted Steel	104.06	18.30
21 24 16 00-0012	EA	Enclosure - MRM, Stainless Steel	123.75	18.30
21 24 16 00-0013	EA	Cabinet, Stainless Steel (Single Cylinder System)	309.85	54.63
21 24 16 00-0014	EA	Actuation Hose - (N2 - 1/4" x 16")	23.38	4.11
21 24 16 00-0015	EA	Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders)	104.06	18.30
21 24 16 00-0016	EA	Vent Check	18.71	3.29
21 24 16 00-0017	EA	Detector Note: Includes bracket, linkage and conduit fittings.	14.04	2.47
21 24 16 00-0018	EA	Fusible Link - 280 To 450 Degree F.	5.26	0.92
21 24 16 00-0019	EA	Test Link	2.19	
21 24 16 00-0020	EA	Corner Pulley	7.25	1.28
21 24 16 00-0021	EA	Cable, 1/16" - 500 Foot Spool	116.92	20.59
21 24 16 00-0022	EA	Pulley Tee	52.61	9.25
21 24 16 00-0023	EA	Manual Pull Station (Standard)	46.77	8.24
21 24 16 00-0024	EA	Adapter Kit - Manual Pull Station (Recess Standard Pull Station)	21.95	3.84
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	52.14	9.15
21 24 16 00-0026	EA	Conduit Offset	10.40	1.83
21 24 16 00-0027	EA	Seal - 3/8" Pipe Thread (Quick-Seal)	14.35	2.57
21 24 16 00-0028	EA	Seal - 1/2" Pipe Thread (Quick-Seal)	11.68	2.10
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	19.53	3.48
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	19.53	3.48
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	6.63	2.37
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	13.07	2.37
21 24 16 00-0033	EA	Nozzle - Fryer, Griddle - 2 Flow Points Each	23.38	4.11
21 24 16 00-0034	EA	Nozzle - Appliance, Plenum - 1 Flow Points Each	23.38	4.11
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	23.38	4.11
21 24 16 00-0036	EA	Nozzle - Upright Charbroiler - 1/2 Flow Points Each	23.38	4.11
21 24 16 00-0037	EA	Nozzle - Duct (Only) - 2 Flow Points Each	23.38	4.11
21 24 16 00-0038	EA	Nozzle - Four Burner Range - 2 Flow Points Each	33.63	5.95
21 24 16 00-0039	EA	Gas Valve - Mechanical - 3/4" Or 1"	179.50	24.25
21 24 16 00-0040	EA	Gas Valve - Mechanical - 1-1/4" Or 1-1/2"	216.60	35.23
21 24 16 00-0041	EA	Gas Valve - Mechanical - 2"	268.03	41.64
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	294.63	51.88
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	15.51	2.75
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	25.01	4.40
21 24 16 00-0045	EA	Gas Valve Trip Assembly	52.61	9.25
21 24 16 00-0046		Range Guard Fire Suppression Systems *(21 24 16)* Note: Range Guard or equal.		
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	362.40	70.67
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	452.37	88.19
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	558.48	108.91
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	663.35	129.29
21 24 16 00-0051	EA	Vent Plug	15.23	2.95
21 24 16 00-0052	EA	Discharge Adapter Kit	19.61	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	40.33	7.83
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	42.70	8.34
21 24 16 00-0055	EA	4 Gallon Wall Bracket	80.63	15.75
21 24 16 00-0056	EA	6 Gallon Wall Bracket	89.35	17.43
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	315.24	61.48
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	328.88	64.10
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	377.29	73.53
21 24 16 00-0060	EA	Tandem Control Head	286.69	55.93
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	485.26	94.59
21 24 16 00-0062	EA	Mechanical Control Box	215.94	42.11
21 24 16 00-0063	EA	Tandem Control Box	215.94	42.11
21 24 16 00-0064	EA	Mechanical Control Box Adapter	63.30	12.38
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	190.22	37.06
21 24 16 00-0066	EA	Pressure Operated Actuator	78.19	15.25
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	126.59	24.68
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	129.07	25.18
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	31.65	6.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	365.26	71.18
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	78.19	15.25
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	78.19	15.25
21 24 16 00-0073	EA	Check Valve	69.85	18.11
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	35.37	6.90
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	15.39	3.00
21 24 16 00-0076	EA	Replacement Receiver Gasket For BMCS-Actuator Assembly	4.06	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	80.67	15.75
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	36.98	7.25
21 24 16 00-0079	EA	Nozzles; DM And LPF	41.20	8.00
21 24 16 00-0080	EA	Swivel Adapter	26.07	5.05
21 24 16 00-0081	EA	Corner Pulley	11.17	2.19
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.59	0.25
21 24 16 00-0083	EA	Cable Crimp Sleeve	0.69	0.25
21 24 16 00-0084	EA	"S" Hook	0.51	0.17
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	38.45	7.50
21 24 16 00-0086	EA	Cable Clamp	3.43	0.67
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.50	0.17
21 24 16 00-0088	EA	3/8" Cable Anchor	40.64	7.92
21 24 16 00-0089	EA	1/2" Cable Anchor	40.64	7.92
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	65.72	12.80
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	70.16	13.65
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	82.19	16.00
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	25.75	5.05
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	107.90	20.97
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	82.19	16.00
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	97.97	19.12
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	17.60	3.45
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	19.56	3.79
21 24 16 00-0099	EA	Fusible Link 165F To 360F	6.42	1.27
21 24 16 00-0100	EA	Fusible Link 500F	9.56	1.27
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	19.56	3.79
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	15.20	3.79
21 24 16 00-0103	EA	Quartzoid Link 400 F	105.41	20.55
21 24 16 00-0104	EA	Quartzoid Link 500 F	105.41	20.55
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	37.79	7.33
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	65.72	12.80
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	39.07	7.58
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	67.71	13.22
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	49.60	9.68
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	71.56	13.90
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	209.59	40.85
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	94.26	18.36
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	94.26	18.36
21 24 16 00-0114	EA	Electric Manual Pull Station	68.82	13.40
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	38.45	7.50
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	54.57	10.61
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	4.43	0.85
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	19.56	3.79
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	19.56	3.79
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	71.93	13.98
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	79.37	15.50
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	2.61	1.10
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	9.92	1.93
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	106.66	20.80
21 24 16 00-0125	EA	Suppression Abort Station	112.86	21.98
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	131.46	25.60
21 24 16 00-0127	EA	Surface Mount Back Box	43.41	8.42
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	806.09	156.92
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	806.09	156.92
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	66.97	13.05
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	2.66	0.59
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	582.82	
21 24 16 00-0133	EA	Extra Scorpio Key	9.92	
21 24 16 00-0134	EA	Extra Scorpio Manual	6.21	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	16.86	3.28
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	18.32	3.53
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	22.04	4.30
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	23.57	4.55
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	18.32	3.53
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	18.32	3.53
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	31.34	6.15
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	41.54	8.08
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	18.32	3.53
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	40.75	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	70.07	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	105.89	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	154.97	
21 24 16 00-0148	EA	Inlet Flushing Adapter	30.38	5.90
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	30.38	5.90
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	30.38	5.90
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	30.38	5.90
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	30.38	5.90
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	42.16	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	3.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	4.05	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	3.03	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	2.35	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	533.22	103.86
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	622.52	121.21
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	775.06	150.94
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	775.06	150.94
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	974.70	189.77
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	461.93	89.96
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	434.02	84.48
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	350.94	68.31
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	607.63	118.34
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	556.77	108.41

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA	20 HP Electric Fire Pump	31,608.78	1,469.07
		For Duplex Pumping System, Add	*30,139.70*	
21 31 13 00-0003	EA	30 HP Electric Fire Pump	36,806.86	1,652.72
		For Duplex Pumping System, Add	*35,276.57*	
21 31 13 00-0004	EA	40 HP Electric Fire Pump	50,041.84	1,836.35
		For Duplex Pumping System, Add	*48,341.52*	
21 31 13 00-0005	EA	50 HP Electric Fire Pump	61,606.43	1,995.42
		For Duplex Pumping System, Add	*59,611.02*	
21 31 13 00-0006	EA	75 HP Electric Fire Pump	68,759.65	2,176.82
		For Duplex Pumping System, Add	*66,582.83*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	46,283.32	1,632.61
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	52,349.20	1,814.01
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	55,024.35	1,995.42
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	62,595.29	2,176.82
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	66,492.52	2,539.62
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	71,691.91	3,265.23
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	77,838.02	3,628.04
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	89,002.99	4,135.96
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	106,494.23	4,462.48
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	124,911.70	5,079.24
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	148,126.80	5,442.05
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	166,728.56	5,804.85

21 31 16 00-0014 Electric Controllers For Fire Pumps *(21 31 16)*

21 31 16 00-0015 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(21 31 16 00-0014)*

21 31 16 00-0016	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	17,533.76	163.27
21 31 16 00-0017	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	19,851.26	181.40
21 31 16 00-0018	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	20,812.50	199.54
21 31 16 00-0019	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,732.02	217.68
21 31 16 00-0020	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	25,073.21	253.97
21 31 16 00-0021	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,717.62	326.52
21 31 16 00-0022	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,958.39	362.80
21 31 16 00-0023	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	33,119.59	413.60
21 31 16 00-0024	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	39,920.17	446.25
21 31 16 00-0025	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	46,917.19	507.92
21 31 16 00-0026	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	55,985.49	544.21
21 31 16 00-0027	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	63,208.51	580.49

END OF SECTION 21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	26.87
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	28.25
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	31.10
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	33.33
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	36.34
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	46.58
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	60.50
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	71.16
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	81.82
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	42.10
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	44.19
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	48.94
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	53.80
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	59.52
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	77.07
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	95.74
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	110.52
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	125.88
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	58.40
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	61.24
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	67.71
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	74.28
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	83.93
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	103.49
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	124.76
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	151.09
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	184.75
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	190.27
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	203.61

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Fixture And/Or Trim Replacement *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube	48.49
22 01 40 81-0003	EA	3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory Replacement	16.73
22 01 40 81-0004	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair	23.85
22 01 40 81-0005	EA	Single Bowl Sink/Lavatory Drain Line Replacement	33.00
22 01 40 81-0006	EA	Double Bowl Sink/Lavatory Drain Line Replacement	51.52
22 01 40 81-0007	EA	Shower Head, Polished Chrome, Replacement	35.35
22 01 40 81-0008	EA	Shower Arm Replacement	29.50
22 01 40 81-0009	EA	Shower Head Replacement	33.55

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0010	EA	Shower Knob Replacement	27.69	
22 01 40 81-0011	EA	Shower and Tub Control Trim Replacement Note: Excludes balancing valve.	76.06	
22 01 40 81-0012	EA	Sink Basket Strainer Replacement	17.57	
22 01 40 81-0013	EA	Sink Drain Without Stopper, 1-1/2" Replacement	10.39	
22 01 40 81-0014	EA	Sink Drain Without Stopper, 4-1/2" Replacement	10.81	
22 01 40 81-0015	EA	Sink Drain With Stopper, 1-1/2" Replacement	10.39	
22 01 40 81-0016	EA	1" Sink Rubber Stopper Replacement	7.57	
22 01 40 81-0017	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement	20.05	
22 01 40 81-0018	EA	Sink Trap, Adjustable, 1-1/2" Replacement	30.59	
22 01 40 81-0019	EA	Lavatory Pop-Up Rod Replacement	21.49	
22 01 40 81-0020	EA	Lavatory Pop-up Drain Stopper Replacement	24.78	
22 01 40 81-0021	EA	Faucet Handle Replacement	26.27	
22 01 40 81-0022	EA	Faucet O-Ring Replacement	20.69	
22 01 40 81-0023	EA	1-1/2" Faucet Hole Cover	13.80	
22 01 40 81-0024	EA	Toilet Ballcock Replacement	31.61	
22 01 40 81-0025	EA	Toilet Bowl Ring, Flat Wax, Replacement Note: Excludes removal of toilet.	6.01	
22 01 40 81-0026	EA	Toilet Tank Replacement	128.81	
22 01 40 81-0027	EA	Toilet Bowl, 10" Replacement	157.53	
22 01 40 81-0028	EA	Toilet Bowl, 10", Low-Flush Watersaver, Replacement	170.84	
22 01 40 81-0029	EA	Toilet Bowl, 12", Replacement	183.69	
22 01 40 81-0030	EA	Toilet Bowl, Elongated, 18", Replacement	162.01	
22 01 40 81-0031	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement	18.83	
22 01 40 81-0032	EA	Toilet Flapper With Chain Replacement	14.74	
22 01 40 81-0033	EA	Toilet Flush Tank Lever Replacement	15.61	
22 01 40 81-0034	EA	Elongated Toilet Seat With Lid Replacement	88.15	
22 01 40 81-0035	EA	Elongated Toilet Seat Without Lid Replacement	69.95	
22 01 40 81-0036	EA	Handicap Toilet Seat Replacement, Complete With Rails	129.39	
22 01 40 81-0037	EA	Diverter Tub Spout Replacement	41.41	
22 01 40 81-0038	EA	Tub Spout Replacement	30.32	
22 01 40 81-0039	EA	2" Tub Stopper, Replacement	8.75	
22 01 40 81-0040	EA	Tub Waste/Overflow Replacement	61.74	
22 01 40 81-0041	EA	Tub Stem Bonnet Assembly Replacement	30.63	
22 01 40 81-0042	EA	Faucet Bonnet Replacement	34.26	
22 01 40 81-0043	EA	Faucet Diverter Stem Replacement	21.32	
22 01 40 81-0044	EA	Faucet Diverter Stem And Bonnet Replacement	28.53	
22 01 40 81-0045	EA	Faucet Spout Replacement	32.91	
22 01 40 81-0046	EA	Faucet Stem Replacement	23.95	
22 01 40 81-0047	EA	Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement	141.05	
22 01 40 81-0048	EA	Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement	175.02	
22 01 40 81-0049	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	109.82	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements For Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings And Loops For Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters And Gages For Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 11 00-0000 for water utility service metering.

22 05 23 General-Duty Valves For Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for valves.

22 05 29 Hangers And Supports For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing For Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment *(22 05)*

22 05 48 13 Vibration Controls For Plumbing Piping And Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*
Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	299.54	48.68
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	332.61	61.04
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	412.79	73.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	567.61	82.53
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	685.75	89.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	337.34	48.68
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	370.94	60.95
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	451.19	73.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	606.06	82.53
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	724.12	89.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0014 Wall Cover For Cleanout *(22 05 76)*

Note: Cover and screw only.

22 05 76 00-0015 Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	53.30	15.28
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	59.40	18.30
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	72.98	20.59
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	111.15	22.88
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	157.73	25.16
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	

22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	138.50	15.28
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	191.03	16.02
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	203.85	16.93
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	228.43	19.22
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		Secured Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	138.50	15.28
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	191.03	16.02
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	203.85	16.93
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	228.43	19.22
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	135.00	15.28
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	179.53	16.02
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	246.35	16.93
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	296.43	19.22
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		Cast Iron Cleanout Tee *(22 05 76)*		
22 05 76 00-0037		Cast Iron Cleanout Tee And Round Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	223.94	48.68
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*18.99*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0039	EA	3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	261.74	60.95
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*20.97*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0040	EA	4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	335.39	73.75
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*28.17*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0041	EA	6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	706.12	89.41
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*79.11*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0042		Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	350.54	48.68
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*37.98*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	388.34	60.95
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*39.96*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	453.59	73.75
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*45.90*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	877.12	89.41
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*104.76*	
		For Galvanized Cast Iron Parts, Add	*59.20*	
22 05 76 00-0047		Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	183.41	39.81
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	203.93	43.46
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	270.99	57.19
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	387.43	67.72
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	622.14	80.07

22 05 76 00-0053 Removable Cleanout Plug *(22 05 76)*

22 05 76 00-0054 Threaded Bronze Plugs *(22 05 76 00-0053)*

22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	33.96	11.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	38.80	12.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	56.00	13.72
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	63.59	16.02
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	72.17	18.30
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	94.25	20.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	128.32	22.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	197.83	25.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	272.41	27.45
		For Plug Tapped For Center Screw, Add	*9.50*	

22 05 76 00-0064 Threaded Brass Plugs *(22 05 76 00-0053)*

22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	26.85	11.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	27.54	11.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	30.17	12.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	34.41	13.72
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	40.86	16.02
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	48.56	18.30
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	52.39	19.28
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	56.66	20.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	77.99	22.88
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	26.31	11.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	27.07	11.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	31.67	12.44
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	34.63	13.72
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	40.21	16.02
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	47.54	18.30
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	56.10	20.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	69.00	22.88
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	187.22	20.45

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Fiberglass Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.55	2.00
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.67	2.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.08	2.09
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.34	2.18
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.54	2.18
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.98	2.27
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.33	2.36
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.77	2.45
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.92	2.64
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.70	3.09
22 07 19 00-0013		**1" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.82	2.73
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.02	2.73
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.16	2.73
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.48	2.82
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.72	2.82
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.11	2.91
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.65	3.09
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.17	3.18
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.58	3.36
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.51	3.91
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.79	4.37
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.95	5.18
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.05	5.91
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.85	6.46
22 07 19 00-0028		**1-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.54	2.81
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.66	2.81
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.27	2.98
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.65	3.04
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.97	3.09
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.75	3.26
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.29	3.31
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.73	3.43
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.11	3.71
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.51	4.33
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.58	4.57
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.88	5.46
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.14	6.37
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.33	6.97
22 07 19 00-0043		**2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.86	3.09
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.01	3.09
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.43	3.18
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.79	3.18
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.19	3.27
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.74	3.36
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.47	3.45
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.26	3.64
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.73	3.82
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.00	4.49
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.71	4.74
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.36	5.66
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.70	6.79
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	41.97	7.41
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.15	8.68
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	48.83	9.12
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.36	10.42
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	64.51	12.60
22 07 19 00-0062		**2-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.86	3.64
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.06	3.64
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.67	3.64
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.12	3.73
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.58	3.73
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.31	3.91
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.32	4.00
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.23	4.19
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.31	4.37
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.56	4.64
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.78	5.54
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.27	6.37
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	45.99	7.91
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	51.91	8.73
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	61.37	11.10
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	65.91	11.64
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	74.83	13.27
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	88.17	16.04

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0081		**3" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.49	4.01
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.72	4.01
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.33	4.05
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.81	4.08
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.36	4.12
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.11	4.29
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.21	4.43
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.23	4.59
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.53	4.85
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.09	5.50
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.10	6.13
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.25	7.07
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	50.53	8.79
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	57.03	9.60
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	67.43	12.26
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	72.42	12.89
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	82.23	14.73
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	96.86	17.79
22 07 19 00-0100		**3-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.88	4.37
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.15	4.37
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.02	4.37
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.53	4.46
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.16	4.46
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.94	4.64
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.15	4.82
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.19	5.00
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.79	5.27
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.67	6.00
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.51	6.64
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	48.32	7.64
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.19	9.55
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.29	10.45
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	73.66	13.27
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	79.10	14.00
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	89.83	16.01
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	105.80	19.28
22 07 19 00-0119		**4" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.37	4.91
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.66	4.91
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.48	4.91
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.16	5.00
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.11	5.18
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.97	5.36
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.03	5.36
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.31	5.63
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.12	5.91
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.49	6.73
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	45.58	7.27
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	54.37	8.64
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.11	10.72
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	70.10	11.73
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	82.92	15.00
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	88.94	15.72
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	99.86	18.00
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	119.05	21.73
22 07 19 00-0138		**Foamglas Pipe Insulation, Rigid, Closed Cell** *(22 07 19)* Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0139		**1" Thick Foamglas Pipe Insulation** *(22 07 19 00-0138)*		
22 07 19 00-0140	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.21	4.44
		For Work In Restricted Working Space, Add	*4.03*	
22 07 19 00-0141	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	16.92	4.44
		For Work In Restricted Working Space, Add	*4.03*	
22 07 19 00-0142	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	17.82	4.50
		For Work In Restricted Working Space, Add	*4.09*	
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	18.26	4.57
		For Work In Restricted Working Space, Add	*4.15*	
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	18.92	4.63
		For Work In Restricted Working Space, Add	*4.21*	
22 07 19 00-0145	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	20.21	4.76
		For Work In Restricted Working Space, Add	*4.33*	
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	21.81	4.96
		For Work In Restricted Working Space, Add	*4.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0147	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	23.58	5.08
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0148	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	27.35	5.46
		For Work In Restricted Working Space, Add	*4.97*	
22 07 19 00-0149	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	34.99	6.17
		For Work In Restricted Working Space, Add	*5.61*	

22 07 19 00-0150 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0151	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.50	5.82
		For Work In Restricted Working Space, Add	*5.28*	
22 07 19 00-0152	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.94	5.82
		For Work In Restricted Working Space, Add	*5.28*	
22 07 19 00-0153	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.39	5.82
		For Work In Restricted Working Space, Add	*5.28*	
22 07 19 00-0154	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.30	6.00
		For Work In Restricted Working Space, Add	*5.46*	
22 07 19 00-0155	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.19	6.21
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0156	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.25	6.43
		For Work In Restricted Working Space, Add	*5.85*	
22 07 19 00-0157	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.58	6.67
		For Work In Restricted Working Space, Add	*6.06*	
22 07 19 00-0158	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.73	6.93
		For Work In Restricted Working Space, Add	*6.30*	
22 07 19 00-0159	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.45	7.20
		For Work In Restricted Working Space, Add	*6.54*	
22 07 19 00-0160	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	42.39	7.63
		For Work In Restricted Working Space, Add	*6.93*	
22 07 19 00-0161	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	46.18	8.10
		For Work In Restricted Working Space, Add	*7.37*	
22 07 19 00-0162	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	56.53	9.52
		For Work In Restricted Working Space, Add	*8.65*	
22 07 19 00-0163	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	64.80	11.07
		For Work In Restricted Working Space, Add	*10.05*	
22 07 19 00-0164	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	70.29	11.45
		For Work In Restricted Working Space, Add	*10.40*	
22 07 19 00-0165	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	77.33	12.79
		For Work In Restricted Working Space, Add	*11.62*	
22 07 19 00-0166	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	87.49	15.12
		For Work In Restricted Working Space, Add	*13.75*	
22 07 19 00-0167	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	97.78	16.74
		For Work In Restricted Working Space, Add	*15.22*	
22 07 19 00-0168	LF	24" Diameter Pipe, 2" Thick Fiberglass Insulation	122.68	18.55
		For Work In Restricted Working Space, Add	*16.86*	

22 07 19 00-0169 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0170	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	21.79	5.08
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0171	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	22.48	5.08
		For Work In Restricted Working Space, Add	*4.62*	
22 07 19 00-0172	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	23.34	5.14
		For Work In Restricted Working Space, Add	*4.67*	
22 07 19 00-0173	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	24.63	5.21
		For Work In Restricted Working Space, Add	*4.73*	
22 07 19 00-0174	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	25.93	5.27
		For Work In Restricted Working Space, Add	*4.79*	
22 07 19 00-0175	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	29.10	5.46
		For Work In Restricted Working Space, Add	*4.97*	
22 07 19 00-0176	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	30.53	5.66
		For Work In Restricted Working Space, Add	*5.14*	
22 07 19 00-0177	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	32.82	5.85
		For Work In Restricted Working Space, Add	*5.32*	
22 07 19 00-0178	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	37.07	6.18
		For Work In Restricted Working Space, Add	*5.61*	
22 07 19 00-0179	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	44.44	7.01
		For Work In Restricted Working Space, Add	*6.37*	
22 07 19 00-0180	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	49.46	7.82
		For Work In Restricted Working Space, Add	*7.10*	
22 07 19 00-0181	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	60.33	9.01
		For Work In Restricted Working Space, Add	*8.19*	
22 07 19 00-0182	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	74.73	11.20
		For Work In Restricted Working Space, Add	*10.18*	
22 07 19 00-0183	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	79.77	12.23
		For Work In Restricted Working Space, Add	*11.12*	
22 07 19 00-0184	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	93.98	15.63
		For Work In Restricted Working Space, Add	*14.21*	
22 07 19 00-0185	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	102.63	16.41
		For Work In Restricted Working Space, Add	*14.92*	
22 07 19 00-0186	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	113.36	18.75
		For Work In Restricted Working Space, Add	*17.05*	
22 07 19 00-0187	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	142.44	22.66
		For Work In Restricted Working Space, Add	*20.60*	

22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0189	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	26.64	5.51
		For Work In Restricted Working Space, Add	*5.01*	
22 07 19 00-0190	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	27.81	5.50
		For Work In Restricted Working Space, Add	*5.00*	
22 07 19 00-0191	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	29.27	5.59
		For Work In Restricted Working Space, Add	*5.09*	
22 07 19 00-0192	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	30.57	5.63
		For Work In Restricted Working Space, Add	*5.12*	
22 07 19 00-0193	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	31.90	5.68
		For Work In Restricted Working Space, Add	*5.16*	
22 07 19 00-0194	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.24	5.91
		For Work In Restricted Working Space, Add	*5.38*	
22 07 19 00-0195	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	36.49	6.12
		For Work In Restricted Working Space, Add	*5.56*	
22 07 19 00-0196	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	39.72	6.33
		For Work In Restricted Working Space, Add	*5.76*	
22 07 19 00-0197	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	44.63	6.67
		For Work In Restricted Working Space, Add	*6.07*	
22 07 19 00-0198	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	53.48	7.60
		For Work In Restricted Working Space, Add	*6.90*	
22 07 19 00-0199	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	59.59	8.46
		For Work In Restricted Working Space, Add	*7.69*	
22 07 19 00-0200	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	67.97	9.76
		For Work In Restricted Working Space, Add	*8.87*	
22 07 19 00-0201	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	84.64	12.13
		For Work In Restricted Working Space, Add	*11.03*	
22 07 19 00-0202	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	88.07	13.24
		For Work In Restricted Working Space, Add	*12.04*	
22 07 19 00-0203	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	103.45	16.92
		For Work In Restricted Working Space, Add	*15.38*	
22 07 19 00-0204	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	112.68	17.77
		For Work In Restricted Working Space, Add	*16.15*	
22 07 19 00-0205	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	129.60	20.30
		For Work In Restricted Working Space, Add	*18.46*	
22 07 19 00-0206	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	162.59	24.54
		For Work In Restricted Working Space, Add	*22.31*	

22 07 19 00-0207 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0208	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	32.45	5.86
		For Work In Restricted Working Space, Add	*5.33*	
22 07 19 00-0209	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	33.15	5.86
		For Work In Restricted Working Space, Add	*5.33*	
22 07 19 00-0210	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	34.15	5.96
		For Work In Restricted Working Space, Add	*5.41*	
22 07 19 00-0211	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	34.98	6.00
		For Work In Restricted Working Space, Add	*5.45*	
22 07 19 00-0212	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	35.84	6.05
		For Work In Restricted Working Space, Add	*5.49*	
22 07 19 00-0213	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	38.59	6.29
		For Work In Restricted Working Space, Add	*5.72*	
22 07 19 00-0214	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	41.22	6.51
		For Work In Restricted Working Space, Add	*5.92*	
22 07 19 00-0215	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	47.04	6.74
		For Work In Restricted Working Space, Add	*6.12*	
22 07 19 00-0216	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	53.88	7.10
		For Work In Restricted Working Space, Add	*6.46*	
22 07 19 00-0217	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	58.91	8.08
		For Work In Restricted Working Space, Add	*7.34*	
22 07 19 00-0218	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	66.56	9.00
		For Work In Restricted Working Space, Add	*8.18*	
22 07 19 00-0219	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	79.54	10.38
		For Work In Restricted Working Space, Add	*9.44*	
22 07 19 00-0220	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	92.11	12.90
		For Work In Restricted Working Space, Add	*11.73*	
22 07 19 00-0221	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	98.53	14.08
		For Work In Restricted Working Space, Add	*12.80*	
22 07 19 00-0222	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	117.23	18.00
		For Work In Restricted Working Space, Add	*16.37*	
22 07 19 00-0223	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	125.63	18.90
		For Work In Restricted Working Space, Add	*17.19*	
22 07 19 00-0224	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	147.40	21.60
		For Work In Restricted Working Space, Add	*19.64*	
22 07 19 00-0225	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	180.31	26.11
		For Work In Restricted Working Space, Add	*23.73*	

22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0227	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	39.05	7.10
		For Work In Restricted Working Space, Add	*6.46*	
22 07 19 00-0228	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	39.94	7.10
		For Work In Restricted Working Space, Add	*6.46*	
22 07 19 00-0229	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	40.98	7.14
		For Work In Restricted Working Space, Add	*6.50*	
22 07 19 00-0230	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	41.99	7.19
		For Work In Restricted Working Space, Add	*6.54*	
22 07 19 00-0231	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	43.16	7.28
		For Work In Restricted Working Space, Add	*6.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0232	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	47.66	7.54
		For Work In Restricted Working Space, Add	*6.85*	
22 07 19 00-0233	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	52.19	7.80
		For Work In Restricted Working Space, Add	*7.09*	
22 07 19 00-0234	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	55.20	8.08
		For Work In Restricted Working Space, Add	*7.34*	
22 07 19 00-0235	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	59.15	8.54
		For Work In Restricted Working Space, Add	*7.76*	
22 07 19 00-0236	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	68.14	9.69
		For Work In Restricted Working Space, Add	*8.81*	
22 07 19 00-0237	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	77.57	10.80
		For Work In Restricted Working Space, Add	*9.81*	
22 07 19 00-0238	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	92.94	12.46
		For Work In Restricted Working Space, Add	*11.32*	
22 07 19 00-0239	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	109.53	15.48
		For Work In Restricted Working Space, Add	*14.07*	
22 07 19 00-0240	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	113.99	16.90
		For Work In Restricted Working Space, Add	*15.37*	
22 07 19 00-0241	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	136.14	21.60
		For Work In Restricted Working Space, Add	*19.64*	
22 07 19 00-0242	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	150.03	22.69
		For Work In Restricted Working Space, Add	*20.62*	
22 07 19 00-0243	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	170.77	25.94
		For Work In Restricted Working Space, Add	*23.59*	
22 07 19 00-0244	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	209.90	31.32
		For Work In Restricted Working Space, Add	*28.48*	

22 07 19 00-0245 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0246	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	47.53	8.73
		For Work In Restricted Working Space, Add	*7.93*	
22 07 19 00-0247	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	48.67	8.73
		For Work In Restricted Working Space, Add	*7.93*	
22 07 19 00-0248	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	50.27	8.87
		For Work In Restricted Working Space, Add	*8.07*	
22 07 19 00-0249	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	51.72	8.98
		For Work In Restricted Working Space, Add	*8.16*	
22 07 19 00-0250	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	53.73	9.27
		For Work In Restricted Working Space, Add	*8.42*	
22 07 19 00-0251	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	58.22	9.55
		For Work In Restricted Working Space, Add	*8.68*	
22 07 19 00-0252	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	62.27	9.70
		For Work In Restricted Working Space, Add	*8.82*	
22 07 19 00-0253	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	65.41	10.06
		For Work In Restricted Working Space, Add	*9.14*	
22 07 19 00-0254	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	71.41	11.21
		For Work In Restricted Working Space, Add	*10.19*	
22 07 19 00-0255	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	82.97	12.04
		For Work In Restricted Working Space, Add	*10.95*	
22 07 19 00-0256	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	93.89	13.06
		For Work In Restricted Working Space, Add	*11.87*	
22 07 19 00-0257	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	107.31	15.51
		For Work In Restricted Working Space, Add	*14.10*	
22 07 19 00-0258	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	124.93	19.27
		For Work In Restricted Working Space, Add	*17.51*	
22 07 19 00-0259	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	135.80	21.04
		For Work In Restricted Working Space, Add	*19.13*	
22 07 19 00-0260	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	160.44	26.90
		For Work In Restricted Working Space, Add	*24.46*	
22 07 19 00-0261	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	179.19	28.20
		For Work In Restricted Working Space, Add	*25.64*	
22 07 19 00-0262	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	200.60	32.26
		For Work In Restricted Working Space, Add	*29.34*	
22 07 19 00-0263	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	255.19	38.99
		For Work In Restricted Working Space, Add	*35.44*	

22 07 19 00-0264 Polyisocyanurate Pipe Insulation *(22 07 19)*

Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0265 1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*

22 07 19 00-0266	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.24	2.09
22 07 19 00-0267	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.88	2.18
22 07 19 00-0268	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.29	2.36
22 07 19 00-0269	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.70	2.45
22 07 19 00-0270	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.92	2.45
22 07 19 00-0271	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.34	2.55
22 07 19 00-0272	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.97	2.64
22 07 19 00-0273	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.59	2.82
22 07 19 00-0274	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.50	3.36
22 07 19 00-0275	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	14.77	3.82
22 07 19 00-0276	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	17.41	4.46
22 07 19 00-0277	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	19.47	4.82
22 07 19 00-0278	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	23.34	5.91

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0279		**1" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	8.21	2.18
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.05	2.36
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.52	2.45
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.01	2.55
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.41	2.64
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.93	2.64
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	11.70	2.82
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.53	3.00
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	14.88	3.54
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	18.74	4.46
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	22.53	5.27
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	25.60	5.91
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	28.89	6.64
22 07 19 00-0293		**1-1/2" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	10.01	2.45
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	10.54	2.55
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.17	2.64
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.61	2.73
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	12.24	2.82
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	13.19	3.00
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	14.14	3.09
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	16.83	3.82
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	21.51	4.82
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	26.23	5.91
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	30.02	6.64
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	32.86	7.09
22 07 19 00-0306		**2" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	12.23	2.55
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	12.97	2.64
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	13.66	2.82
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	14.18	2.82
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	14.71	3.00
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	15.96	3.18
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	16.72	3.36
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	20.07	4.09
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.81	5.27
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	32.12	6.64
22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	34.76	7.64
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	37.72	8.18
22 07 19 00-0319		**Flexible Polyethylene Tubing Closed Cell Foam Insulation** *(22 07 19)* Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
22 07 19 00-0320		**3/8" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0321	LF	1/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.63	2.72
22 07 19 00-0322	LF	1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.64	2.72
22 07 19 00-0323	LF	3/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.65	2.72
22 07 19 00-0324	LF	1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	5.87	2.82
22 07 19 00-0325	LF	3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.10	2.91
22 07 19 00-0326	LF	1" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.27	2.97
22 07 19 00-0327	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.46	3.01
22 07 19 00-0328	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.54	3.01
22 07 19 00-0329	LF	2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.72	3.01
22 07 19 00-0330	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.14	3.10
22 07 19 00-0331	LF	3" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.32	3.16
22 07 19 00-0332		**1/2" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0333	LF	1/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.20	2.97
22 07 19 00-0334	LF	1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.22	2.97
22 07 19 00-0335	LF	3/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.28	2.97
22 07 19 00-0336	LF	1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.37	3.01
22 07 19 00-0337	LF	3/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.46	3.01
22 07 19 00-0338	LF	1" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.71	3.10
22 07 19 00-0339	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.43	3.16
22 07 19 00-0340	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.14	3.20
22 07 19 00-0341	LF	2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.40	3.25
22 07 19 00-0342	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.87	3.35
22 07 19 00-0343	LF	3" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.32	3.39
22 07 19 00-0344	LF	3-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.74	3.44
22 07 19 00-0345	LF	4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.01	3.48
22 07 19 00-0346		**3/4" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0347	LF	1/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.81	3.20
22 07 19 00-0348	LF	1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.84	3.20
22 07 19 00-0349	LF	3/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.93	3.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0350	LF	1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.28	3.35
22 07 19 00-0351	LF	3/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.44	3.39
22 07 19 00-0352	LF	1" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.85	3.48
22 07 19 00-0353	LF	1-1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.22	3.54
22 07 19 00-0354	LF	1-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.40	3.54
22 07 19 00-0355	LF	2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.03	3.58
22 07 19 00-0356	LF	2-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.96	3.67
22 07 19 00-0357	LF	3" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.05	3.73
22 07 19 00-0358	LF	3-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.71	3.77
22 07 19 00-0359	LF	4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.00	3.82

22 07 19 00-0360 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*

22 07 19 00-0361	LF	1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.69	3.54
22 07 19 00-0362	LF	3/8" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.85	3.58
22 07 19 00-0363	LF	1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.31	3.67
22 07 19 00-0364	LF	3/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.46	3.73
22 07 19 00-0365	LF	1" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.12	3.82
22 07 19 00-0366	LF	1-1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.48	3.92
22 07 19 00-0367	LF	1-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.63	3.92
22 07 19 00-0368	LF	2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.22	4.01
22 07 19 00-0369	LF	2-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.69	4.10
22 07 19 00-0370	LF	3" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.08	4.16

22 07 19 00-0371 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: No additional LF for fittings required.

22 07 19 00-0372 3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0371)*

22 07 19 00-0373	LF	1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.97	2.72
22 07 19 00-0374	LF	3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.07	2.72
22 07 19 00-0375	LF	1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.30	2.82
22 07 19 00-0376	LF	5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.37	2.87
22 07 19 00-0377	LF	3/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.62	2.91
22 07 19 00-0378	LF	7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.67	2.91
22 07 19 00-0379	LF	1" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.79	2.97
22 07 19 00-0380	LF	1-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.84	2.97
22 07 19 00-0381	LF	1-1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.10	3.01
22 07 19 00-0382	LF	1-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.27	3.01
22 07 19 00-0383	LF	2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.66	3.01
22 07 19 00-0384	LF	2-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.88	3.06
22 07 19 00-0385	LF	2-3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.16	3.10
22 07 19 00-0386	LF	2-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.40	3.10
22 07 19 00-0387	LF	2-7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.56	3.16
22 07 19 00-0388	LF	3-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.81	3.16
22 07 19 00-0389	LF	3-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.34	3.20
22 07 19 00-0390	LF	4-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.97	3.25
22 07 19 00-0391	LF	4-1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.68	3.26

22 07 19 00-0392 1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0371)*

22 07 19 00-0393	LF	1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.73	2.97
22 07 19 00-0394	LF	3/8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.87	2.97
22 07 19 00-0395	LF	1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.03	3.01
22 07 19 00-0396	LF	3/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.19	3.01
22 07 19 00-0397	LF	1" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.44	3.10
22 07 19 00-0398	LF	1-1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.73	3.16
22 07 19 00-0399	LF	1-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.14	3.20
22 07 19 00-0400	LF	2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.70	3.25
22 07 19 00-0401	LF	2-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.48	3.35
22 07 19 00-0402	LF	3" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.86	3.39
22 07 19 00-0403	LF	3-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.13	3.44
22 07 19 00-0404	LF	4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.54	3.48
22 07 19 00-0405	LF	5" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.31	3.54
22 07 19 00-0406	LF	6" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.40	3.63
		For Work In Restricted Working Space, Add	*2.18*	
22 07 19 00-0407	LF	8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.61	3.73
		For Work In Restricted Working Space, Add	*2.23*	

22 07 19 00-0408 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0371)*

22 07 19 00-0409	LF	1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.66	3.20
22 07 19 00-0410	LF	3/8" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.86	3.25
22 07 19 00-0411	LF	1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.33	3.35
22 07 19 00-0412	LF	3/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.80	3.39
22 07 19 00-0413	LF	1" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.27	3.48
22 07 19 00-0414	LF	1-1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.17	3.54
22 07 19 00-0415	LF	1-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.66	3.58
22 07 19 00-0416	LF	2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.28	3.58
22 07 19 00-0417	LF	2-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.84	3.67
22 07 19 00-0418	LF	3" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.69	3.73
22 07 19 00-0419	LF	3-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.92	3.77
22 07 19 00-0420	LF	4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.49	3.82
22 07 19 00-0421	LF	5" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.30	4.55
22 07 19 00-0422	LF	6" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.24	3.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0423	LF	8" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.78	4.01
		For Work In Restricted Working Space, Add	*2.41*	

22 07 19 00-0424 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0371)*

22 07 19 00-0425	LF	3/8" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.18	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-0426	LF	1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.55	3.67
22 07 19 00-0427	LF	3/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.34	3.73
22 07 19 00-0428	LF	1" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.18	3.82
22 07 19 00-0429	LF	1-1/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.96	3.92
22 07 19 00-0430	LF	1-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.86	3.92
22 07 19 00-0431	LF	2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.98	4.01
22 07 19 00-0432	LF	2-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.58	4.10
22 07 19 00-0433	LF	3" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.82	4.16
		For Work In Restricted Working Space, Add	*2.49*	
22 07 19 00-0434	LF	3-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.30	4.21
		For Work In Restricted Working Space, Add	*2.52*	
22 07 19 00-0435	LF	4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.72	4.30
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0436	LF	5" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.47	4.40
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0437	LF	6" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.30	4.49
		For Work In Restricted Working Space, Add	*2.69*	

22 07 19 00-0438 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No additional LF for fittings required.

22 07 19 00-0439 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*

22 07 19 00-0440	LF	1/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.03	2.72
22 07 19 00-0441	LF	1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.06	2.72
22 07 19 00-0442	LF	3/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.15	2.72
22 07 19 00-0443	LF	1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.39	2.82
22 07 19 00-0444	LF	3/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.70	2.91
22 07 19 00-0445	LF	1" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.90	2.97
22 07 19 00-0446	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.28	3.01
22 07 19 00-0447	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.59	3.01
22 07 19 00-0448	LF	2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.82	3.10
22 07 19 00-0449	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.78	3.10
22 07 19 00-0450	LF	3" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.66	3.16
22 07 19 00-0451	LF	4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.96	3.25

22 07 19 00-0452 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*

22 07 19 00-0453	LF	1/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.82	2.97
22 07 19 00-0454	LF	1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.87	2.97
22 07 19 00-0455	LF	3/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.95	2.97
22 07 19 00-0456	LF	1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.11	3.01
22 07 19 00-0457	LF	3/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.36	3.01
22 07 19 00-0458	LF	1" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.61	3.10
22 07 19 00-0459	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.04	3.16
22 07 19 00-0460	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.50	3.20
22 07 19 00-0461	LF	2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.96	3.25
22 07 19 00-0462	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.99	3.35
22 07 19 00-0463	LF	3" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.93	3.39
22 07 19 00-0464	LF	4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.72	3.48

22 07 19 00-0465 3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*

22 07 19 00-0466	LF	1/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.75	3.20
22 07 19 00-0467	LF	1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.83	3.20
22 07 19 00-0468	LF	3/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.14	3.25
22 07 19 00-0469	LF	1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.50	3.35
22 07 19 00-0470	LF	3/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.13	3.39
22 07 19 00-0471	LF	1" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.69	3.48
22 07 19 00-0472	LF	1-1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.73	3.54
22 07 19 00-0473	LF	1-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.43	3.54
22 07 19 00-0474	LF	2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.20	3.58
22 07 19 00-0475	LF	2-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.68	3.67
22 07 19 00-0476	LF	3" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.06	3.73
22 07 19 00-0477	LF	4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.70	3.82

22 07 19 00-0478 1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0438)*

22 07 19 00-0479	LF	1/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.50	3.54
22 07 19 00-0480	LF	1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.55	3.54
22 07 19 00-0481	LF	3/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.71	3.58
22 07 19 00-0482	LF	1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.07	3.67
22 07 19 00-0483	LF	3/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.00	3.73
22 07 19 00-0484	LF	1" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.73	3.82
22 07 19 00-0485	LF	1-1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.48	3.92
22 07 19 00-0486	LF	1-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.24	3.92
22 07 19 00-0487	LF	2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.00	4.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0488	LF	2-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.32	4.10
22 07 19 00-0489	LF	3" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.99	4.16
22 07 19 00-0490		Flexible Elastomeric Unicellular Insulation *(22 07 19)*		
		Note: 1/2" thick, for refrigeration piping.		
22 07 19 00-0491	LF	1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.44	3.01
		For Work In Restricted Working Space, Add	*1.81*	
		For 3/8" Thick Covering, Deduct	*-0.53*	
		For 3/4" Thick Covering, Add	*0.92*	
		For 1" Thick Covering, Add	*1.77*	
22 07 19 00-0492	LF	3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.56	3.01
		For Work In Restricted Working Space, Add	*1.82*	
		For 3/8" Thick Covering, Deduct	*-0.55*	
		For 3/4" Thick Covering, Add	*0.97*	
		For 1" Thick Covering, Add	*1.88*	
22 07 19 00-0493	LF	1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.74	3.10
		For Work In Restricted Working Space, Add	*1.86*	
		For 3/8" Thick Covering, Deduct	*-0.57*	
		For 3/4" Thick Covering, Add	*1.02*	
		For 1" Thick Covering, Add	*1.96*	
22 07 19 00-0494	LF	1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.96	3.16
		For Work In Restricted Working Space, Add	*1.89*	
		For 3/8" Thick Covering, Deduct	*-0.61*	
		For 3/4" Thick Covering, Add	*1.13*	
		For 1" Thick Covering, Add	*2.15*	
22 07 19 00-0495	LF	1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.19	3.20
		For Work In Restricted Working Space, Add	*1.92*	
		For 3/8" Thick Covering, Deduct	*-0.65*	
		For 3/4" Thick Covering, Add	*1.23*	
		For 1" Thick Covering, Add	*2.35*	
22 07 19 00-0496	LF	2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.42	3.25
		For Work In Restricted Working Space, Add	*1.95*	
		For 3/8" Thick Covering, Deduct	*-0.69*	
		For 3/4" Thick Covering, Add	*1.35*	
		For 1" Thick Covering, Add	*2.55*	
22 07 19 00-0497	LF	2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.94	3.35
		For Work In Restricted Working Space, Add	*2.00*	
		For 3/8" Thick Covering, Deduct	*-0.78*	
		For 3/4" Thick Covering, Add	*1.61*	
		For 1" Thick Covering, Add	*3.04*	
22 07 19 00-0498	LF	3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.35	3.39
		For Work In Restricted Working Space, Add	*2.03*	
		For 3/8" Thick Covering, Deduct	*-0.87*	
		For 3/4" Thick Covering, Add	*1.86*	
		For 1" Thick Covering, Add	*3.48*	
22 07 19 00-0499	LF	3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.74	3.44
		For Work In Restricted Working Space, Add	*2.06*	
		For 3/8" Thick Covering, Deduct	*-0.95*	
		For 3/4" Thick Covering, Add	*2.09*	
		For 1" Thick Covering, Add	*3.90*	
22 07 19 00-0500	LF	4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.14	3.48
		For Work In Restricted Working Space, Add	*2.09*	
		For 3/8" Thick Covering, Deduct	*-1.03*	
		For 3/4" Thick Covering, Add	*2.32*	
		For 1" Thick Covering, Add	*4.32*	
22 07 19 00-0501		Insulation Foam Rubber *(22 07 19)*		
22 07 19 00-0502		Covering 4x6 Sheet *(22 07 19 00-0501)*		
22 07 19 00-0503	SF	1" Thick Foam Rubber Sheet Insulation	16.58	6.46
22 07 19 00-0504		Insulation Protective Jacketing *(22 07 19)*		
		Note: Jacketing only and must be added to insulation prices.		
22 07 19 00-0505		Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0504)*		
22 07 19 00-0506		Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0505)*		
22 07 19 00-0507	SF	0.006" Aluminum Insulation Jacket With Bands	13.51	5.82
22 07 19 00-0508	SF	0.016" Aluminum Insulation Jacket With Bands	13.85	5.82
22 07 19 00-0509		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0505)*		
22 07 19 00-0510	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	6.88	1.65
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0511	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	7.12	1.69
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0512	LF	1" ID, 0.016" Aluminum Insulation Jacketing	7.36	1.73
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0513	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	7.60	1.77
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0514	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	7.79	1.80
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0515	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	7.98	1.83
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0516	LF	2" ID, 0.016" Aluminum Insulation Jacketing	8.21	1.86
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0517	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	8.45	1.90
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0518	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	8.70	1.94
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0519	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	8.91	1.97
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0520	LF	3" ID, 0.016" Aluminum Insulation Jacketing	9.17	2.02
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0521	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	9.44	2.06
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0522	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	9.71	2.11
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0523	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	9.94	2.15
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0524	LF	4" ID, 0.016" Aluminum Insulation Jacketing	10.22	2.20
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0525	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.52	2.26
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0526	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.85	2.31
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0527	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	11.11	2.36
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0528	LF	5" ID, 0.016" Aluminum Insulation Jacketing	11.44	2.42
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0529	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.78	2.50
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0530	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.07	2.55
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0531	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.45	2.62
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0532	LF	6" ID, 0.016" Aluminum Insulation Jacketing	12.84	2.70
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0533	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.09	2.74
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0534	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	13.34	2.78
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0535	LF	7" ID, 0.016" Aluminum Insulation Jacketing	13.75	2.84
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0536	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	14.10	2.91
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0537	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	14.37	2.96
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0538	LF	8" ID, 0.016" Aluminum Insulation Jacketing	14.73	3.01
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0539	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.08	3.06
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0540	LF	9" ID, 0.016" Aluminum Insulation Jacketing	15.57	3.14
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0541	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.95	3.19
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0542	LF	10" ID, 0.016" Aluminum Insulation Jacketing	16.34	3.25
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0543	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	16.73	3.31
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0544	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	17.26	3.40
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0545	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.69	3.46
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0546	LF	12" ID, 0.016" Aluminum Insulation Jacketing	18.13	3.53
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0547	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	18.71	3.64
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0548	LF	13" ID, 0.016" Aluminum Insulation Jacketing	19.02	3.67
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0549	LF	14" ID, 0.016" Aluminum Insulation Jacketing	19.50	3.71
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0550	LF	15" ID, 0.016" Aluminum Insulation Jacketing	20.12	3.79
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0551	LF	16" ID, 0.016" Aluminum Insulation Jacketing	20.61	3.83
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0552	LF	17" ID, 0.016" Aluminum Insulation Jacketing	21.26	3.91
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0553	LF	18" ID, 0.016" Aluminum Insulation Jacketing	21.66	3.95
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0554	LF	19" ID, 0.016" Aluminum Insulation Jacketing	22.44	4.04
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0555	LF	20" ID, 0.016" Aluminum Insulation Jacketing	22.95	4.08
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0556	LF	21" ID, 0.016" Aluminum Insulation Jacketing	23.64	4.19
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0557	LF	22" ID, 0.016" Aluminum Insulation Jacketing	24.15	4.23
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0558	LF	23" ID, 0.016" Aluminum Insulation Jacketing	24.88	4.33
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0559	LF	24" ID, 0.016" Aluminum Insulation Jacketing	25.42	4.39
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	

22 07 19 00-0560 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0505)*

22 07 19 00-0561	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	7.61	1.82
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0562	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	7.88	1.86
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0563	LF	1" ID, 0.020" Aluminum Insulation Jacketing	8.17	1.90
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0564	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	8.46	1.95
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0565	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	8.67	1.98
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0566	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	8.89	2.01
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0567	LF	2" ID, 0.020" Aluminum Insulation Jacketing	9.16	2.05
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0568	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	9.43	2.09
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0569	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	9.73	2.14
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0570	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	9.96	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0571	LF	3" ID, 0.020" Aluminum Insulation Jacketing	10.27	2.22
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0572	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.58	2.27
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0573	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	10.90	2.32
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0574	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	11.16	2.36
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0575	LF	4" ID, 0.020" Aluminum Insulation Jacketing	11.49	2.42
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0576	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.83	2.49
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0577	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	12.20	2.55
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0578	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.50	2.60
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0579	LF	5" ID, 0.020" Aluminum Insulation Jacketing	12.87	2.67
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0580	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.27	2.74
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0581	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.60	2.80
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0582	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.04	2.88
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0583	LF	6" ID, 0.020" Aluminum Insulation Jacketing	14.48	2.97
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0584	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	14.76	3.01
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0585	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	15.04	3.06
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0586	LF	7" ID, 0.020" Aluminum Insulation Jacketing	15.53	3.13
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0587	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.92	3.20
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0588	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.24	3.25
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0589	LF	8" ID, 0.020" Aluminum Insulation Jacketing	16.67	3.31
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0590	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	17.08	3.36
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0591	LF	9" ID, 0.020" Aluminum Insulation Jacketing	17.63	3.45
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0592	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.08	3.51
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0593	LF	10" ID, 0.020" Aluminum Insulation Jacketing	18.54	3.57
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0594	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	19.01	3.63
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0595	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	19.62	3.74
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0596	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.12	3.81
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0597	LF	12" ID, 0.020" Aluminum Insulation Jacketing	20.61	3.88
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0598	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	21.29	4.00
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0599	LF	13" ID, 0.020" Aluminum Insulation Jacketing	21.66	4.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0600	LF	14" ID, 0.020" Aluminum Insulation Jacketing	22.24	4.08
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0601	LF	15" ID, 0.020" Aluminum Insulation Jacketing	22.98	4.17
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0602	LF	16" ID, 0.020" Aluminum Insulation Jacketing	23.57	4.22
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0603	LF	17" ID, 0.020" Aluminum Insulation Jacketing	24.34	4.31
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0604	LF	18" ID, 0.020" Aluminum Insulation Jacketing	24.81	4.35
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0605	LF	19" ID, 0.020" Aluminum Insulation Jacketing	25.74	4.45
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0606	LF	20" ID, 0.020" Aluminum Insulation Jacketing	26.36	4.50
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0607	LF	21" ID, 0.020" Aluminum Insulation Jacketing	27.18	4.60
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0608	LF	22" ID, 0.020" Aluminum Insulation Jacketing	27.80	4.65
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0609	LF	23" ID, 0.020" Aluminum Insulation Jacketing	28.66	4.76
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0610	LF	24" ID, 0.020" Aluminum Insulation Jacketing	29.30	4.82
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	

22 07 19 00-0611 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0505)*

22 07 19 00-0612	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	8.35	1.98
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0613	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	8.65	2.03
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0614	LF	1" ID, 0.024" Aluminum Insulation Jacketing	8.96	2.08
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0615	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	9.29	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0616	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	9.54	2.16
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0617	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	9.79	2.19
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0618	LF	2" ID, 0.024" Aluminum Insulation Jacketing	10.09	2.23
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0619	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	10.40	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0620	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	10.74	2.33
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0621	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	11.01	2.37
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0622	LF	3" ID, 0.024" Aluminum Insulation Jacketing	11.36	2.42
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0623	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	11.70	2.48
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0624	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	12.05	2.54
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0625	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	12.35	2.59
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0626	LF	4" ID, 0.024" Aluminum Insulation Jacketing	12.72	2.65
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0627	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	13.11	2.71
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0628	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.52	2.78
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0629	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.86	2.84
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0630	LF	5" ID, 0.024" Aluminum Insulation Jacketing	14.28	2.91
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0631	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	14.72	2.99
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0632	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	15.09	3.05
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0633	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	15.58	3.14
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0634	LF	6" ID, 0.024" Aluminum Insulation Jacketing	16.08	3.23
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0635	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	16.40	3.28
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0636	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	16.72	3.33
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0637	LF	7" ID, 0.024" Aluminum Insulation Jacketing	17.26	3.41
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0638	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	17.70	3.49
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0639	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	18.06	3.55
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0640	LF	8" ID, 0.024" Aluminum Insulation Jacketing	18.54	3.61
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0641	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	19.02	3.67
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0642	LF	9" ID, 0.024" Aluminum Insulation Jacketing	19.64	3.76
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0643	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.16	3.83
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0644	LF	10" ID, 0.024" Aluminum Insulation Jacketing	20.67	3.89
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0645	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	21.21	3.96
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0646	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	21.90	4.07
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0647	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.47	4.16
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0648	LF	12" ID, 0.024" Aluminum Insulation Jacketing	23.03	4.24
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0649	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.78	4.37
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0650	LF	13" ID, 0.024" Aluminum Insulation Jacketing	24.21	4.41
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0651	LF	14" ID, 0.024" Aluminum Insulation Jacketing	24.89	4.46
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0652	LF	15" ID, 0.024" Aluminum Insulation Jacketing	25.74	4.55
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0653	LF	16" ID, 0.024" Aluminum Insulation Jacketing	26.44	4.60
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0654	LF	17" ID, 0.024" Aluminum Insulation Jacketing	27.31	4.69
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0655	LF	18" ID, 0.024" Aluminum Insulation Jacketing	27.85	4.75
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0656	LF	19" ID, 0.024" Aluminum Insulation Jacketing	28.93	4.85
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0657	LF	20" ID, 0.024" Aluminum Insulation Jacketing	29.65	4.90
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0658	LF	21" ID, 0.024" Aluminum Insulation Jacketing	30.58	5.02
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0659	LF	22" ID, 0.024" Aluminum Insulation Jacketing	31.30	5.07
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0660	LF	23" ID, 0.024" Aluminum Insulation Jacketing	32.30	5.19
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0661	LF	24" ID, 0.024" Aluminum Insulation Jacketing	33.03	5.26
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0662		32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0505)*		
22 07 19 00-0663	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	9.34	2.20
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0664	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	9.71	2.25
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0665	LF	1" ID, 0.032" Aluminum Insulation Jacketing	10.10	2.30
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0666	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	10.48	2.36
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0667	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	10.78	2.39
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0668	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	11.09	2.43
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0669	LF	2" ID, 0.032" Aluminum Insulation Jacketing	11.45	2.49
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0670	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	11.82	2.54
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0671	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	12.22	2.59
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0672	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	12.55	2.63
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0673	LF	3" ID, 0.032" Aluminum Insulation Jacketing	12.96	2.69
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0674	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	13.39	2.75
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0675	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	13.80	2.82
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0676	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	14.16	2.86
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0677	LF	4" ID, 0.032" Aluminum Insulation Jacketing	14.61	2.93
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0678	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	15.06	3.01
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0679	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	15.54	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0680	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	15.96	3.14
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0681	LF	5" ID, 0.032" Aluminum Insulation Jacketing	16.45	3.23
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0682	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	16.96	3.31
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0683	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	17.41	3.38
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0684	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	17.98	3.48
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0685	LF	6" ID, 0.032" Aluminum Insulation Jacketing	18.56	3.58
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0686	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	18.94	3.64
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0687	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	19.32	3.69
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0688	LF	7" ID, 0.032" Aluminum Insulation Jacketing	19.97	3.78
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0689	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.50	3.87
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0690	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	20.91	3.93
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0691	LF	8" ID, 0.032" Aluminum Insulation Jacketing	21.52	4.00
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0692	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	22.09	4.06
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0693	LF	9" ID, 0.032" Aluminum Insulation Jacketing	22.84	4.17
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0694	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	23.48	4.25
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0695	LF	10" ID, 0.032" Aluminum Insulation Jacketing	24.10	4.32
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0696	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	24.75	4.40
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0697	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	25.57	4.52
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0698	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	26.26	4.61
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0699	LF	12" ID, 0.032" Aluminum Insulation Jacketing	26.94	4.70
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0700	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	27.84	4.84
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0701	LF	13" ID, 0.032" Aluminum Insulation Jacketing	28.36	4.89
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0702	LF	14" ID, 0.032" Aluminum Insulation Jacketing	29.23	4.94
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0703	LF	15" ID, 0.032" Aluminum Insulation Jacketing	30.29	5.04
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0704	LF	16" ID, 0.032" Aluminum Insulation Jacketing	31.17	5.09
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0705	LF	17" ID, 0.032" Aluminum Insulation Jacketing	32.27	5.20
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0706	LF	18" ID, 0.032" Aluminum Insulation Jacketing	32.94	5.26
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0707	LF	19" ID, 0.032" Aluminum Insulation Jacketing	34.29	5.37
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0708	LF	20" ID, 0.032" Aluminum Insulation Jacketing	35.20	5.43
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0709	LF	21" ID, 0.032" Aluminum Insulation Jacketing	36.36	5.56
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0710	LF	22" ID, 0.032" Aluminum Insulation Jacketing	37.27	5.62
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0711	LF	23" ID, 0.032" Aluminum Insulation Jacketing	38.48	5.75
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0712	LF	24" ID, 0.032" Aluminum Insulation Jacketing	39.41	5.83
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	

22 07 19 00-0713 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0505)*

22 07 19 00-0714	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	10.81	2.53
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0715	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	11.25	2.59
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0716	LF	1" ID, 0.040" Aluminum Insulation Jacketing	11.70	2.65
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0717	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	12.17	2.72
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0718	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	12.53	2.76
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0719	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	12.91	2.80
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0720		LF	2" ID, 0.040" Aluminum Insulation Jacketing	13.34	2.86
			For Stucco Embossed, Add	*0.02*	
			For Corrugated, Add	*0.05*	
22 07 19 00-0721		LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	13.77	2.92
			For Stucco Embossed, Add	*0.02*	
			For Corrugated, Add	*0.05*	
22 07 19 00-0722		LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	14.26	2.98
			For Stucco Embossed, Add	*0.02*	
			For Corrugated, Add	*0.06*	
22 07 19 00-0723		LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	14.65	3.03
			For Stucco Embossed, Add	*0.03*	
			For Corrugated, Add	*0.06*	
22 07 19 00-0724		LF	3" ID, 0.040" Aluminum Insulation Jacketing	15.15	3.09
			For Stucco Embossed, Add	*0.03*	
			For Corrugated, Add	*0.07*	
22 07 19 00-0725		LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	15.65	3.16
			For Stucco Embossed, Add	*0.03*	
			For Corrugated, Add	*0.08*	
22 07 19 00-0726		LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	16.14	3.24
			For Stucco Embossed, Add	*0.03*	
			For Corrugated, Add	*0.08*	
22 07 19 00-0727		LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	16.57	3.29
			For Stucco Embossed, Add	*0.03*	
			For Corrugated, Add	*0.09*	
22 07 19 00-0728		LF	4" ID, 0.040" Aluminum Insulation Jacketing	17.10	3.37
			For Stucco Embossed, Add	*0.04*	
			For Corrugated, Add	*0.09*	
22 07 19 00-0729		LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.63	3.46
			For Stucco Embossed, Add	*0.04*	
			For Corrugated, Add	*0.10*	
22 07 19 00-0730		LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	18.22	3.54
			For Stucco Embossed, Add	*0.04*	
			For Corrugated, Add	*0.10*	
22 07 19 00-0731		LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	18.71	3.61
			For Stucco Embossed, Add	*0.04*	
			For Corrugated, Add	*0.11*	
22 07 19 00-0732		LF	5" ID, 0.040" Aluminum Insulation Jacketing	19.29	3.71
			For Stucco Embossed, Add	*0.04*	
			For Corrugated, Add	*0.11*	
22 07 19 00-0733		LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	19.90	3.81
			For Stucco Embossed, Add	*0.05*	
			For Corrugated, Add	*0.12*	
22 07 19 00-0734		LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	20.42	3.89
			For Stucco Embossed, Add	*0.05*	
			For Corrugated, Add	*0.12*	
22 07 19 00-0735		LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	21.11	4.00
			For Stucco Embossed, Add	*0.05*	
			For Corrugated, Add	*0.13*	
22 07 19 00-0736		LF	6" ID, 0.040" Aluminum Insulation Jacketing	21.79	4.12
			For Stucco Embossed, Add	*0.05*	
			For Corrugated, Add	*0.13*	
22 07 19 00-0737		LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	22.23	4.19
			For Stucco Embossed, Add	*0.06*	
			For Corrugated, Add	*0.14*	
22 07 19 00-0738		LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	22.70	4.25
			For Stucco Embossed, Add	*0.06*	
			For Corrugated, Add	*0.14*	
22 07 19 00-0739		LF	7" ID, 0.040" Aluminum Insulation Jacketing	23.47	4.35
			For Stucco Embossed, Add	*0.06*	
			For Corrugated, Add	*0.15*	
22 07 19 00-0740		LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	24.11	4.45
			For Stucco Embossed, Add	*0.06*	
			For Corrugated, Add	*0.16*	
22 07 19 00-0741		LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	24.60	4.53
			For Stucco Embossed, Add	*0.07*	
			For Corrugated, Add	*0.16*	
22 07 19 00-0742		LF	8" ID, 0.040" Aluminum Insulation Jacketing	25.32	4.60
			For Stucco Embossed, Add	*0.07*	
			For Corrugated, Add	*0.17*	
22 07 19 00-0743		LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	26.02	4.68
			For Stucco Embossed, Add	*0.07*	
			For Corrugated, Add	*0.18*	
22 07 19 00-0744		LF	9" ID, 0.040" Aluminum Insulation Jacketing	26.92	4.80
			For Stucco Embossed, Add	*0.08*	
			For Corrugated, Add	*0.19*	
22 07 19 00-0745		LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	27.70	4.88
			For Stucco Embossed, Add	*0.08*	
			For Corrugated, Add	*0.20*	
22 07 19 00-0746		LF	10" ID, 0.040" Aluminum Insulation Jacketing	28.45	4.97
			For Stucco Embossed, Add	*0.09*	
			For Corrugated, Add	*0.21*	
22 07 19 00-0747		LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	29.22	5.06
			For Stucco Embossed, Add	*0.09*	
			For Corrugated, Add	*0.22*	
22 07 19 00-0748		LF	11" ID, 0.0106 Aluminum Insulation Jacketing	30.21	5.20
			For Stucco Embossed, Add	*0.09*	
			For Corrugated, Add	*0.24*	
22 07 19 00-0749		LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	31.03	5.30
			For Stucco Embossed, Add	*0.10*	
			For Corrugated, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0750	LF	12" ID, 0.040" Aluminum Insulation Jacketing	31.85	5.40
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0751	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	32.90	5.56
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0752	LF	13" ID, 0.040" Aluminum Insulation Jacketing	33.55	5.62
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0753	LF	14" ID, 0.040" Aluminum Insulation Jacketing	34.62	5.67
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0754	LF	15" ID, 0.040" Aluminum Insulation Jacketing	35.91	5.80
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0755	LF	16" ID, 0.040" Aluminum Insulation Jacketing	37.00	5.86
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0756	LF	17" ID, 0.040" Aluminum Insulation Jacketing	38.32	5.99
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0757	LF	18" ID, 0.040" Aluminum Insulation Jacketing	39.15	6.05
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0758	LF	19" ID, 0.040" Aluminum Insulation Jacketing	40.78	6.19
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0759	LF	20" ID, 0.040" Aluminum Insulation Jacketing	41.91	6.25
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0760	LF	21" ID, 0.040" Aluminum Insulation Jacketing	43.30	6.40
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0761	LF	22" ID, 0.040" Aluminum Insulation Jacketing	44.42	6.47
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0762	LF	23" ID, 0.040" Aluminum Insulation Jacketing	45.88	6.62
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0763	LF	24" ID, 0.040" Aluminum Insulation Jacketing	47.02	6.70
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	

22 07 19 00-0764 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0505)*

22 07 19 00-0765	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	14.45	2.60
22 07 19 00-0766	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	14.83	2.70
22 07 19 00-0767	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.30	2.80
22 07 19 00-0768	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.48	2.84
22 07 19 00-0769	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.66	2.89
22 07 19 00-0770	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	16.94	2.96
22 07 19 00-0771	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.66	3.03
22 07 19 00-0772	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.98	3.11
22 07 19 00-0773	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.20	3.16
22 07 19 00-0774	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.60	3.22
22 07 19 00-0775	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.25	3.31
22 07 19 00-0776	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.70	3.37
22 07 19 00-0777	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.95	3.43
22 07 19 00-0778	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	21.21	3.50
22 07 19 00-0779	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.42	3.56
22 07 19 00-0780	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	23.95	3.64
22 07 19 00-0781	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.71	3.75
22 07 19 00-0782	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	27.02	3.83
22 07 19 00-0783	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.81	3.95
22 07 19 00-0784	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.16	4.04
22 07 19 00-0785	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.75	4.19
22 07 19 00-0786	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.71	4.28
22 07 19 00-0787	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.91	4.33
22 07 19 00-0788	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	39.00	4.39
22 07 19 00-0789	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	33.75	4.44
22 07 19 00-0790	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	47.77	4.55
22 07 19 00-0791	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	48.23	4.66
22 07 19 00-0792	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	40.65	4.72
22 07 19 00-0793	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	40.91	4.79
22 07 19 00-0794	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	41.63	4.85
22 07 19 00-0795	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	41.89	4.92
22 07 19 00-0796	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.47	5.05
22 07 19 00-0797	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.76	5.12
22 07 19 00-0798	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	66.07	5.27
22 07 19 00-0799	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	66.37	5.35
22 07 19 00-0800	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	82.36	5.51
22 07 19 00-0801	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	85.79	5.68
22 07 19 00-0802	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	91.88	5.77
22 07 19 00-0803	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	15.77	2.89
22 07 19 00-0804	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	16.05	2.96
22 07 19 00-0805	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	16.89	3.03
22 07 19 00-0806	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	17.21	3.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0807	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	18.09	3.16
22 07 19 00-0808	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.32	3.22
22 07 19 00-0809	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.75	3.31
22 07 19 00-0810	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	19.78	3.37
22 07 19 00-0811	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.03	3.43
22 07 19 00-0812	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.29	3.50
22 07 19 00-0813	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.68	3.56
22 07 19 00-0814	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.96	3.64
22 07 19 00-0815	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	22.77	3.75
22 07 19 00-0816	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.59	3.95
22 07 19 00-0817	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.45	4.19
22 07 19 00-0818	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.84	4.28
22 07 19 00-0819	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.36	4.39
22 07 19 00-0820	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.57	4.44
22 07 19 00-0821	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.66	4.55
22 07 19 00-0822	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	32.12	4.66
22 07 19 00-0823	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.59	4.72
22 07 19 00-0824	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.85	4.79
22 07 19 00-0825	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	36.89	4.85
22 07 19 00-0826	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.15	4.92
22 07 19 00-0827	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.21	5.05
22 07 19 00-0828	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.50	5.12
22 07 19 00-0829	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	46.05	5.35
22 07 19 00-0830	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.30	5.51
22 07 19 00-0831	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	69.35	5.68
22 07 19 00-0832	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	73.63	5.77
22 07 19 00-0833	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	72.81	5.87
22 07 19 00-0834	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	80.14	5.97
22 07 19 00-0835	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	93.01	6.07
22 07 19 00-0836	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	91.16	6.17
22 07 19 00-0837	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	96.87	6.27
22 07 19 00-0838	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	45.51	4.13
22 07 19 00-0839	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	45.89	4.23
22 07 19 00-0840	EA	3" ID, Aluminum Tee Insulation Jacketing	50.05	4.33
22 07 19 00-0841	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	50.48	4.44
22 07 19 00-0842	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	52.50	4.55
22 07 19 00-0843	EA	4" ID, Aluminum Tee Insulation Jacketing	53.33	4.66
22 07 19 00-0844	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	55.83	4.79
22 07 19 00-0845	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	56.04	4.92
22 07 19 00-0846	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	56.58	5.05
22 07 19 00-0847	EA	5" ID, Aluminum Tee Insulation Jacketing	58.53	5.19
22 07 19 00-0848	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	59.13	5.35
22 07 19 00-0849	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	61.45	5.51
22 07 19 00-0850	EA	6" ID, Aluminum Tee Insulation Jacketing	62.14	5.68
22 07 19 00-0851	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	67.54	6.07
22 07 19 00-0852	EA	7" ID, Aluminum Tee Insulation Jacketing	68.37	6.27
22 07 19 00-0853	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	74.12	6.50
22 07 19 00-0854	EA	8" ID, Aluminum Tee Insulation Jacketing	75.08	6.73
22 07 19 00-0855	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	77.39	6.99
22 07 19 00-0856	EA	9" ID, Aluminum Tee Insulation Jacketing	78.51	7.27
22 07 19 00-0857	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	66.36	7.42
22 07 19 00-0858	EA	10" ID, Aluminum Tee Insulation Jacketing	66.97	7.58
22 07 19 00-0859	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	70.02	7.74
22 07 19 00-0860	EA	11" ID, Aluminum Tee Insulation Jacketing	70.69	7.91
22 07 19 00-0861	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	73.52	8.08
22 07 19 00-0862	EA	12" ID, Aluminum Tee Insulation Jacketing	74.25	8.27
22 07 19 00-0863	EA	13" ID, Aluminum Tee Insulation Jacketing	77.07	8.46
22 07 19 00-0864	EA	14" ID, Aluminum Tee Insulation Jacketing	80.00	8.66
22 07 19 00-0865	EA	15" ID, Aluminum Tee Insulation Jacketing	84.54	8.87
22 07 19 00-0866	EA	16" ID, Aluminum Tee Insulation Jacketing	86.66	9.09
22 07 19 00-0867	EA	17" ID, Aluminum Tee Insulation Jacketing	95.12	9.33
22 07 19 00-0868	EA	18" ID, Aluminum Tee Insulation Jacketing	98.35	9.57
22 07 19 00-0869	EA	19" ID, Aluminum Tee Insulation Jacketing	105.75	9.83
22 07 19 00-0870	EA	20" ID, Aluminum Tee Insulation Jacketing	108.29	10.10
22 07 19 00-0871	EA	22" ID, Aluminum Tee Insulation Jacketing	127.91	10.39
22 07 19 00-0872	EA	23" ID, Aluminum Tee Insulation Jacketing	131.54	10.69
22 07 19 00-0873	EA	24" ID, Aluminum Tee Insulation Jacketing	137.99	11.73

22 07 19 00-0874 Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0504)*

22 07 19 00-0875 Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0874)*

22 07 19 00-0876	SF	0.010" Stainless Steel Insulation Jacket With Bands	17.05	6.82
22 07 19 00-0877	SF	0.016" Stainless Steel Insulation Jacket With Bands	20.94	8.18

22 07 19 00-0878 10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0874)*

22 07 19 00-0879	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	8.65	1.46
22 07 19 00-0880	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	9.02	1.49
22 07 19 00-0881	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	9.40	1.52
22 07 19 00-0882	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	9.78	1.55
22 07 19 00-0883	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	10.17	1.58
22 07 19 00-0884	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	10.56	1.62
22 07 19 00-0885	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	10.95	1.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0886	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.36	1.69
22 07 19 00-0887	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	11.77	1.73
22 07 19 00-0888	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	12.62	1.82
22 07 19 00-0889	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	13.51	1.91
22 07 19 00-0890	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	14.43	2.02
22 07 19 00-0891	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	15.16	2.08
22 07 19 00-0892	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	15.92	2.14
22 07 19 00-0893	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	16.73	2.21
22 07 19 00-0894	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	17.39	2.26
22 07 19 00-0895	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	18.07	2.30
22 07 19 00-0896	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	18.76	2.34
22 07 19 00-0897	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	19.44	2.39
22 07 19 00-0898	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	20.13	2.44
22 07 19 00-0899	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.84	2.50
22 07 19 00-0900	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	21.55	2.55
22 07 19 00-0901	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	22.99	2.66
22 07 19 00-0902	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	24.41	2.76
22 07 19 00-0903	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	25.58	2.80
22 07 19 00-0904		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0874)*		
22 07 19 00-0905	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	11.84	1.93
22 07 19 00-0906	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	12.37	1.97
22 07 19 00-0907	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	12.89	2.01
22 07 19 00-0908	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	13.44	2.06
22 07 19 00-0909	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	13.98	2.10
22 07 19 00-0910	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	14.53	2.15
22 07 19 00-0911	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	15.08	2.20
22 07 19 00-0912	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	15.66	2.25
22 07 19 00-0913	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	16.24	2.30
22 07 19 00-0914	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	17.44	2.41
22 07 19 00-0915	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	18.66	2.55
22 07 19 00-0916	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	19.95	2.69
22 07 19 00-0917	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	20.99	2.77
22 07 19 00-0918	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	22.05	2.85
22 07 19 00-0919	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	23.20	2.95
22 07 19 00-0920	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	24.14	3.01
22 07 19 00-0921	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	25.09	3.06
22 07 19 00-0922	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	26.08	3.12
22 07 19 00-0923	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	27.04	3.18
22 07 19 00-0924	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	28.03	3.25
22 07 19 00-0925	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	29.03	3.31
22 07 19 00-0926	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	30.03	3.38
22 07 19 00-0927	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	32.08	3.53
22 07 19 00-0928	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	34.08	3.66
22 07 19 00-0929	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	35.75	3.72
22 07 19 00-0930		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0874)*		
22 07 19 00-0931	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	24.05	2.89
22 07 19 00-0932	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	24.33	2.96
22 07 19 00-0933	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	25.19	3.03
22 07 19 00-0934	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	25.51	3.11
22 07 19 00-0935	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	26.38	3.16
22 07 19 00-0936	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	27.39	3.22
22 07 19 00-0937	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.17	3.31
22 07 19 00-0938	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.67	3.37
22 07 19 00-0939	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.92	3.43
22 07 19 00-0940	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	35.96	3.56
22 07 19 00-0941	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	47.33	3.75
22 07 19 00-0942	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	51.31	3.95
22 07 19 00-0943	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	65.57	4.19
22 07 19 00-0944	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	65.96	4.28
22 07 19 00-0945	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	74.57	4.39
22 07 19 00-0946	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	75.23	4.55
22 07 19 00-0947	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	77.17	4.55
22 07 19 00-0948	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	108.36	4.66
22 07 19 00-0949	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	107.04	4.72
22 07 19 00-0950	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	107.30	4.79
22 07 19 00-0951	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	124.87	4.85
22 07 19 00-0952	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	120.34	4.92
22 07 19 00-0953	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	134.79	5.12
22 07 19 00-0954	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	179.75	5.35
22 07 19 00-0955	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	181.47	5.51
22 07 19 00-0956	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	21.97	2.89
22 07 19 00-0957	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	22.25	2.96
22 07 19 00-0958	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	23.33	3.03
22 07 19 00-0959	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	23.65	3.11
22 07 19 00-0960	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	24.00	3.16
22 07 19 00-0961	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	24.23	3.22
22 07 19 00-0962	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	27.81	3.31
22 07 19 00-0963	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	33.95	3.37
22 07 19 00-0964	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	34.20	3.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0965	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	34.46	3.50
22 07 19 00-0966	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	35.10	3.56
22 07 19 00-0967	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	35.83	3.75
22 07 19 00-0968	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	40.53	3.95
22 07 19 00-0969	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	41.43	4.19
22 07 19 00-0970	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	58.92	4.28
22 07 19 00-0971	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	60.20	4.39
22 07 19 00-0972	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	60.41	4.44
22 07 19 00-0973	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	68.12	4.55
22 07 19 00-0974	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	68.58	4.66
22 07 19 00-0975	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	77.51	4.72
22 07 19 00-0976	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	77.77	4.79
22 07 19 00-0977	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	89.85	4.85
22 07 19 00-0978	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	90.11	4.92
22 07 19 00-0979	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	97.00	5.12
22 07 19 00-0980	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	111.42	5.35
22 07 19 00-0981		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0504)*		
22 07 19 00-0982		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0981)*		
22 07 19 00-0983	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.63	1.35
22 07 19 00-0984	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.91	1.40
22 07 19 00-0985	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.20	1.46
22 07 19 00-0986	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.53	1.52
22 07 19 00-0987	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.85	1.58
22 07 19 00-0988	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.20	1.65
22 07 19 00-0989	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.59	1.73
22 07 19 00-0990	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.99	1.82
22 07 19 00-0991	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.45	1.91
22 07 19 00-0992	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.94	2.02
22 07 19 00-0993	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.24	2.08
22 07 19 00-0994	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.55	2.14
22 07 19 00-0995	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.94	2.21
22 07 19 00-0996	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.16	2.26
22 07 19 00-0997	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.41	2.30
22 07 19 00-0998	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.66	2.34
22 07 19 00-0999	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.91	2.39
22 07 19 00-1000	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.16	2.44
22 07 19 00-1001	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.43	2.50
22 07 19 00-1002	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.71	2.55
22 07 19 00-1003	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.00	2.60
22 07 19 00-1004	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.28	2.66
22 07 19 00-1005	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.61	2.72
22 07 19 00-1006	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.83	2.76
22 07 19 00-1007	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.90	2.76
22 07 19 00-1008	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.14	2.80
22 07 19 00-1009	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.46	2.84
22 07 19 00-1010	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.77	2.89
22 07 19 00-1011	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.09	2.94
22 07 19 00-1012	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.42	2.98
22 07 19 00-1013	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.75	3.03
22 07 19 00-1014	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.09	3.08
22 07 19 00-1015	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.45	3.14
22 07 19 00-1016	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.80	3.19
22 07 19 00-1017	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.16	3.25
22 07 19 00-1018	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.53	3.31
22 07 19 00-1019	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.92	3.37
22 07 19 00-1020	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.30	3.43
22 07 19 00-1021	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.70	3.50
22 07 19 00-1022	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.12	3.56
22 07 19 00-1023	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.54	3.64
22 07 19 00-1024	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.98	3.71
22 07 19 00-1025		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0981)*		
22 07 19 00-1026	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.06	1.40
22 07 19 00-1027	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.39	1.46
22 07 19 00-1028	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.75	1.52
22 07 19 00-1029	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.10	1.58
22 07 19 00-1030	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.48	1.65
22 07 19 00-1031	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.90	1.73
22 07 19 00-1032	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.34	1.82
22 07 19 00-1033	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.83	1.91
22 07 19 00-1034	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.35	2.02
22 07 19 00-1035	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.68	2.08
22 07 19 00-1036	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.03	2.14
22 07 19 00-1037	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.45	2.21
22 07 19 00-1038	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.71	2.26
22 07 19 00-1039	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.99	2.30
22 07 19 00-1040	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.27	2.34
22 07 19 00-1041	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.55	2.39
22 07 19 00-1042	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.84	2.44
22 07 19 00-1043	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.14	2.50
22 07 19 00-1044	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.45	2.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1045	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.77	2.60
22 07 19 00-1046	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.09	2.66
22 07 19 00-1047	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.45	2.72
22 07 19 00-1048	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.71	2.76
22 07 19 00-1049	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.81	2.76
22 07 19 00-1050	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.08	2.80
22 07 19 00-1051	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.46	2.84
22 07 19 00-1052	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.84	2.89
22 07 19 00-1053	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.22	2.94
22 07 19 00-1054	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.62	2.98
22 07 19 00-1055	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.02	3.03
22 07 19 00-1056	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.42	3.08
22 07 19 00-1057	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.85	3.14
22 07 19 00-1058	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.26	3.19
22 07 19 00-1059	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.69	3.25
22 07 19 00-1060	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.12	3.31
22 07 19 00-1061	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.58	3.37
22 07 19 00-1062	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.03	3.43
22 07 19 00-1063	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.49	3.50
22 07 19 00-1064	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.98	3.56
22 07 19 00-1065	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.46	3.64
22 07 19 00-1066	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.96	3.71
22 07 19 00-1067		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-0981)*		
22 07 19 00-1068	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	11.32	2.70
22 07 19 00-1069	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	11.87	2.80
22 07 19 00-1070	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.13	2.84
22 07 19 00-1071	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.39	2.89
22 07 19 00-1072	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.74	2.96
22 07 19 00-1073	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.08	3.03
22 07 19 00-1074	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.64	3.14
22 07 19 00-1075	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.10	3.22
22 07 19 00-1076	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.76	3.31
22 07 19 00-1077	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.71	3.46
22 07 19 00-1078	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.72	3.64
22 07 19 00-1079	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.17	3.83
22 07 19 00-1080	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.94	4.04
22 07 19 00-1081	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.74	4.19
22 07 19 00-1082	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.40	4.28
22 07 19 00-1083	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.13	4.39
22 07 19 00-1084	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	26.68	4.55
22 07 19 00-1085	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	30.23	4.72
22 07 19 00-1086	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	32.32	4.92
22 07 19 00-1087	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	35.00	5.12
22 07 19 00-1088	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	39.71	5.35
22 07 19 00-1089	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	42.98	5.51
22 07 19 00-1090	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	45.23	5.68
22 07 19 00-1091	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	47.65	5.77
22 07 19 00-1092	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	50.71	5.87
22 07 19 00-1093	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	59.00	5.97
22 07 19 00-1094	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	71.97	6.07
22 07 19 00-1095	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	85.99	6.17
22 07 19 00-1096	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	11.32	2.70
22 07 19 00-1097	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	11.87	2.80
22 07 19 00-1098	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.13	2.84
22 07 19 00-1099	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.39	2.89
22 07 19 00-1100	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.74	2.96
22 07 19 00-1101	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.08	3.03
22 07 19 00-1102	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.64	3.14
22 07 19 00-1103	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.10	3.22
22 07 19 00-1104	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.76	3.31
22 07 19 00-1105	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.71	3.46
22 07 19 00-1106	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.72	3.64
22 07 19 00-1107	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.17	3.83
22 07 19 00-1108	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.94	4.04
22 07 19 00-1109	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.74	4.19
22 07 19 00-1110	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	23.40	4.28
22 07 19 00-1111	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.13	4.39
22 07 19 00-1112	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	26.68	4.55
22 07 19 00-1113	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	30.23	4.72
22 07 19 00-1114	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	32.31	4.92
22 07 19 00-1115	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	34.44	5.12
22 07 19 00-1116	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	36.96	5.35
22 07 19 00-1117	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	39.83	5.51
22 07 19 00-1118	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	41.82	5.68
22 07 19 00-1119	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	44.89	5.77
22 07 19 00-1120	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	48.01	5.87
22 07 19 00-1121	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	53.85	5.97
22 07 19 00-1122	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	65.17	6.07
22 07 19 00-1123	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	71.01	6.17
22 07 19 00-1124	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	16.19	3.79
22 07 19 00-1125	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	16.65	3.87
22 07 19 00-1126	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	17.27	3.99
22 07 19 00-1127	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	17.93	4.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1128	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	18.65	4.28
22 07 19 00-1129	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	19.41	4.44
22 07 19 00-1130	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	20.33	4.61
22 07 19 00-1131	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	21.33	4.79
22 07 19 00-1132	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	22.51	4.98
22 07 19 00-1133	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.00	5.19
22 07 19 00-1134	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.57	5.43
22 07 19 00-1135	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.22	5.77
22 07 19 00-1136	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	30.99	6.07
22 07 19 00-1137	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	33.00	6.17
22 07 19 00-1138	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	39.00	6.38
22 07 19 00-1139	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	41.72	6.73
22 07 19 00-1140	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	45.96	6.99
22 07 19 00-1141	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	50.30	7.27
22 07 19 00-1142	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	51.75	7.58
22 07 19 00-1143	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	54.79	7.74
22 07 19 00-1144	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	57.84	7.91
22 07 19 00-1145	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	60.94	8.08
22 07 19 00-1146	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	64.04	8.27
22 07 19 00-1147	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	67.20	8.46
22 07 19 00-1148	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	70.37	8.66
22 07 19 00-1149	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	74.81	8.87
22 07 19 00-1150	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	79.28	9.09
22 07 19 00-1151	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	84.58	9.33
22 07 19 00-1152	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	14.74	2.60
22 07 19 00-1153	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	14.74	2.60
22 07 19 00-1154	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	16.28	2.70
22 07 19 00-1155	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	16.28	2.70
22 07 19 00-1156	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	19.88	2.80
22 07 19 00-1157	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	21.29	2.91
22 07 19 00-1158	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	22.93	3.03
22 07 19 00-1159	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	25.16	3.16
22 07 19 00-1160	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	27.16	3.31
22 07 19 00-1161	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	31.88	3.64
22 07 19 00-1162	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	41.77	4.04
22 07 19 00-1163	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	46.07	4.55
22 07 19 00-1164	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	55.07	4.85
22 07 19 00-1165	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	72.69	5.35
22 07 19 00-1166	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	73.78	5.59
22 07 19 00-1167	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	92.98	5.77
22 07 19 00-1168	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	119.97	5.97
22 07 19 00-1169	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	14.26	2.60
22 07 19 00-1170	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	14.26	2.60
22 07 19 00-1171	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	15.70	2.70
22 07 19 00-1172	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	15.70	2.70
22 07 19 00-1173	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	18.93	2.80
22 07 19 00-1174	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	20.23	2.91
22 07 19 00-1175	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	21.77	3.03
22 07 19 00-1176	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	22.83	3.16
22 07 19 00-1177	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	25.62	3.31
22 07 19 00-1178	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	29.97	3.64
22 07 19 00-1179	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	38.96	4.04
22 07 19 00-1180	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	42.99	4.55
22 07 19 00-1181	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	51.15	4.85
22 07 19 00-1182	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	67.08	5.35
22 07 19 00-1183	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	81.82	5.59
22 07 19 00-1184	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	95.09	5.77
22 07 19 00-1185	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	108.83	5.97
22 07 19 00-1186	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	21.31	3.91
22 07 19 00-1187	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	21.31	3.91
22 07 19 00-1188	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	23.33	4.04
22 07 19 00-1189	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	23.33	4.04
22 07 19 00-1190	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	28.01	4.19
22 07 19 00-1191	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	29.87	4.33
22 07 19 00-1192	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	32.24	4.55
22 07 19 00-1193	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	33.78	4.72
22 07 19 00-1194	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	38.11	4.98
22 07 19 00-1195	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	41.74	5.43
22 07 19 00-1196	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	53.88	6.07
22 07 19 00-1197	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	59.06	6.73
22 07 19 00-1198	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	75.48	7.27
22 07 19 00-1199	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	98.30	7.91
22 07 19 00-1200	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	114.36	8.46
22 07 19 00-1201	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	131.24	8.66
22 07 19 00-1202	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	141.90	8.87

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	13.43	3.37
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*3.35*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.25*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	14.47	3.62
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*3.55*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.55*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.85	3.96
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*3.79*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.97*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.06	4.13
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*4.03*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.77*	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.06	4.88
		For ASTM 120, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*4.20*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.08*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.33	5.90
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*4.78*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.07*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.87	6.99
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.77*	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	36.74	9.35
		For ASTM 120, Deduct	*-2.12*	
		For Work In Restricted Working Space, Add	*6.79*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*10.88*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	50.08	10.60
		For ASTM 120, Deduct	*-3.80*	
		For Work In Restricted Working Space, Add	*7.43*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*16.35*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	80.89	13.55
		For ASTM 120, Deduct	*-7.65*	
		For Work In Restricted Working Space, Add	*8.98*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*28.92*	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	94.20	16.02
		For ASTM 120, Deduct	*-9.03*	
		For Work In Restricted Working Space, Add	*10.20*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*33.89*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Threaded And Coupled, Galvanized Steel Piping *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling.

22 11 16 00-0015	LF	1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.00	3.37
		For ASTM 120, Deduct	*-0.14*	
		For Work In Restricted Working Space, Add	*1.53*	
		For Schedule 80 Pipe, Add	*0.94*	
22 11 16 00-0016	LF	3/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.63	3.62
		For ASTM 120, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*1.63*	
		For Schedule 80 Pipe, Add	*1.12*	
22 11 16 00-0017	LF	1" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	7.66	3.96
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.77*	
		For Schedule 80 Pipe, Add	*1.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0018	LF	1-1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	8.64	4.13
		For ASTM 120, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.87*	
		For Schedule 80 Pipe, Add	*1.78*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	10.20	4.88
		For ASTM 120, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*2.20*	
		For Schedule 80 Pipe, Add	*2.11*	
22 11 16 00-0020	LF	2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	12.73	5.90
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*2.66*	
		For Schedule 80 Pipe, Add	*2.74*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	16.65	6.99
		For ASTM 120, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*3.16*	
		For Schedule 80 Pipe, Add	*3.99*	
22 11 16 00-0022	LF	3" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	22.05	9.35
		For ASTM 120, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Pipe, Add	*5.25*	
22 11 16 00-0023	LF	4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	27.35	10.60
		For ASTM 120, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*4.79*	
		For Schedule 80 Pipe, Add	*7.07*	
22 11 16 00-0024	LF	5" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	35.58	13.55
		For ASTM 120, Deduct	*-2.29*	
		For Work In Restricted Working Space, Add	*6.09*	
		For Schedule 80 Pipe, Add	*9.37*	
22 11 16 00-0025	LF	6" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	43.84	16.02
		For ASTM 120, Deduct	*-2.98*	
		For Work In Restricted Working Space, Add	*7.20*	
		For Schedule 80 Pipe, Add	*11.92*	

22 11 16 00-0026 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0027	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	24.19	15.00
		For ASTM 120, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*6.74*	
		For 300 LB Rating, Add	*7.23*	
22 11 16 00-0028	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	27.26	16.76
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*7.54*	
		For 300 LB Rating, Add	*8.72*	
22 11 16 00-0029	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	32.01	18.70
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*15.05*	
22 11 16 00-0030	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	37.99	21.23
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*9.53*	
		For 300 LB Rating, Add	*23.02*	
22 11 16 00-0031	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	43.94	23.92
		For ASTM 120, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*10.75*	
		For 300 LB Rating, Add	*29.69*	
22 11 16 00-0032	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	58.80	30.41
		For ASTM 120, Deduct	*-1.99*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*47.85*	
22 11 16 00-0033	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	102.09	44.98
		For ASTM 120, Deduct	*-5.21*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*122.06*	
22 11 16 00-0034	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	145.89	59.13
		For ASTM 120, Deduct	*-8.58*	
		For Work In Restricted Working Space, Add	*26.60*	
		For 300 LB Rating, Add	*199.90*	
22 11 16 00-0035	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	193.93	62.01
		For ASTM 120, Deduct	*-15.14*	
		For Work In Restricted Working Space, Add	*27.90*	
		For 300 LB Rating, Add	*348.78*	
22 11 16 00-0036	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	532.95	64.72
		For ASTM 120, Deduct	*-65.39*	
		For Work In Restricted Working Space, Add	*29.11*	
		For 300 LB Rating, Add	*1,487.92*	
22 11 16 00-0037	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	503.31	67.67
		For ASTM 120, Deduct	*-60.28*	
		For Work In Restricted Working Space, Add	*30.44*	
		For 300 LB Rating, Add	*1,372.41*	

22 11 16 00-0038 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0039	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	27.49	15.83
		For ASTM 120, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*7.14*	
22 11 16 00-0040	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	31.34	17.77
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0041	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	30.29	16.85
		For ASTM 120, Deduct	*-0.75*	
		For Work In Restricted Working Space, Add	*7.58*	
22 11 16 00-0042	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	37.86	19.96
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*8.98*	
22 11 16 00-0043	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	37.99	18.95
		For ASTM 120, Deduct	*-1.43*	
		For Work In Restricted Working Space, Add	*8.54*	
22 11 16 00-0044	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	37.22	18.11
		For ASTM 120, Deduct	*-1.52*	
		For Work In Restricted Working Space, Add	*8.14*	
22 11 16 00-0045	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	46.49	22.57
		For ASTM 120, Deduct	*-1.90*	
		For Work In Restricted Working Space, Add	*10.14*	
22 11 16 00-0046	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	44.63	21.31
		For ASTM 120, Deduct	*-1.90*	
		For Work In Restricted Working Space, Add	*9.59*	
22 11 16 00-0047	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	43.18	20.30
		For ASTM 120, Deduct	*-1.90*	
		For Work In Restricted Working Space, Add	*9.15*	
22 11 16 00-0048	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.49	27.12
		For ASTM 120, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*12.20*	
22 11 16 00-0049	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.63	25.78
		For ASTM 120, Deduct	*-2.55*	
		For Work In Restricted Working Space, Add	*11.60*	
22 11 16 00-0050	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	54.42	24.51
		For ASTM 120, Deduct	*-2.64*	
		For Work In Restricted Working Space, Add	*11.04*	
22 11 16 00-0051	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	48.71	23.58
		For ASTM 120, Deduct	*-2.01*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0052	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	106.67	37.65
		For ASTM 120, Deduct	*-7.53*	
		For Work In Restricted Working Space, Add	*16.94*	
22 11 16 00-0053	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	107.55	34.45
		For ASTM 120, Deduct	*-8.39*	
		For Work In Restricted Working Space, Add	*15.48*	
22 11 16 00-0054	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	169.28	52.05
		For ASTM 120, Deduct	*-13.69*	
		For Work In Restricted Working Space, Add	*23.41*	
22 11 16 00-0055	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	146.36	44.73
		For ASTM 120, Deduct	*-11.89*	
		For Work In Restricted Working Space, Add	*20.13*	
22 11 16 00-0056	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	294.96	58.98
		For ASTM 120, Deduct	*-30.98*	
		For Work In Restricted Working Space, Add	*26.54*	

22 11 16 00-0057 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0058	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	25.19	15.00
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*6.74*	
		For 300 LB Rating, Add	*10.63*	
22 11 16 00-0059	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	29.07	16.76
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*7.54*	
		For 300 LB Rating, Add	*14.87*	
22 11 16 00-0060	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	32.51	18.70
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*16.75*	
22 11 16 00-0061	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	40.06	21.23
		For ASTM 120, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*9.53*	
		For 300 LB Rating, Add	*30.06*	
22 11 16 00-0062	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	45.57	23.92
		For ASTM 120, Deduct	*-1.46*	
		For Work In Restricted Working Space, Add	*10.75*	
		For 300 LB Rating, Add	*35.23*	
22 11 16 00-0063	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	59.93	30.41
		For ASTM 120, Deduct	*-2.16*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*51.69*	
22 11 16 00-0064	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	117.46	44.98
		For ASTM 120, Deduct	*-7.51*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*174.31*	
22 11 16 00-0065	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	161.50	59.13
		For ASTM 120, Deduct	*-10.93*	
		For Work In Restricted Working Space, Add	*26.60*	
		For 300 LB Rating, Add	*252.98*	
22 11 16 00-0066	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	215.11	62.01
		For ASTM 120, Deduct	*-18.32*	
		For Work In Restricted Working Space, Add	*27.90*	
		For 300 LB Rating, Add	*420.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0067	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	590.49	64.72
		For ASTM 120, Deduct	*-74.02*	
		For Work In Restricted Working Space, Add	*29.11*	
		For 300 LB Rating, Add	*1,683.55*	
22 11 16 00-0068	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	696.44	67.67
		For ASTM 120, Deduct	*-89.25*	
		For Work In Restricted Working Space, Add	*30.44*	
		For 300 LB Rating, Add	*2,029.05*	

22 11 16 00-0069 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0070	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	30.32	18.70
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*9.30*	
22 11 16 00-0071	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	36.09	21.65
		For ASTM 120, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*9.72*	
		For 300 LB Rating, Add	*14.49*	
22 11 16 00-0072	EA	1", 150 LB, Galvanized Malleable Iron Tee	44.25	25.52
		For ASTM 120, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*11.49*	
		For 300 LB Rating, Add	*22.56*	
22 11 16 00-0073	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	54.99	30.41
		For ASTM 120, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*34.90*	
22 11 16 00-0074	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	66.10	36.22
		For ASTM 120, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*16.30*	
		For 300 LB Rating, Add	*43.24*	
22 11 16 00-0075	EA	2", 150 LB, Galvanized Malleable Iron Tee	86.49	44.98
		For ASTM 120, Deduct	*-2.87*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*69.02*	
22 11 16 00-0076	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	127.04	48.85
		For ASTM 120, Deduct	*-8.07*	
		For Work In Restricted Working Space, Add	*21.97*	
		For 300 LB Rating, Add	*187.31*	
22 11 16 00-0077	EA	3", 150 LB, Galvanized Malleable Iron Tee	151.75	59.13
		For ASTM 120, Deduct	*-9.46*	
		For Work In Restricted Working Space, Add	*26.60*	
		For 300 LB Rating, Add	*219.83*	
22 11 16 00-0078	EA	4", 150 LB, Galvanized Malleable Iron Tee	266.73	78.35
		For ASTM 120, Deduct	*-22.39*	
		For Work In Restricted Working Space, Add	*35.24*	
		For 300 LB Rating, Add	*514.53*	
22 11 16 00-0079	EA	5", 150 LB, Galvanized Malleable Iron Tee	608.67	93.02
		For ASTM 120, Deduct	*-70.38*	
		For Work In Restricted Working Space, Add	*41.85*	
		For 300 LB Rating, Add	*1,603.58*	
22 11 16 00-0080	EA	6", 150 LB, Galvanized Malleable Iron Tee	691.57	106.34
		For ASTM 120, Deduct	*-79.82*	
		For Work In Restricted Working Space, Add	*47.82*	
		For 300 LB Rating, Add	*1,818.91*	

22 11 16 00-0081 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0082	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	33.28	18.70
		For ASTM 120, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*19.36*	
22 11 16 00-0083	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	37.52	21.65
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*9.72*	
		For 300 LB Rating, Add	*19.35*	
22 11 16 00-0084	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	45.49	25.52
		For ASTM 120, Deduct	*-1.08*	
		For Work In Restricted Working Space, Add	*11.49*	
		For 300 LB Rating, Add	*26.78*	
22 11 16 00-0085	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	56.70	30.41
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*40.71*	
22 11 16 00-0086	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	68.13	36.22
		For ASTM 120, Deduct	*-2.07*	
		For Work In Restricted Working Space, Add	*16.30*	
		For 300 LB Rating, Add	*50.15*	
22 11 16 00-0087	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	87.51	44.98
		For ASTM 120, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*72.48*	
22 11 16 00-0088	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	144.58	49.02
		For ASTM 120, Deduct	*-10.67*	
		For Work In Restricted Working Space, Add	*22.04*	
		For 300 LB Rating, Add	*246.18*	
22 11 16 00-0089	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	182.30	60.06
		For ASTM 120, Deduct	*-13.83*	
		For Work In Restricted Working Space, Add	*27.02*	
		For 300 LB Rating, Add	*318.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0090	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	384.82	78.35
		For ASTM 120, Deduct	*-40.10*	
		For Work In Restricted Working Space, Add	*35.24*	
		For 300 LB Rating, Add	*916.04*	
22 11 16 00-0091	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	759.60	93.02
		For ASTM 120, Deduct	*-93.02*	
		For Work In Restricted Working Space, Add	*41.85*	
		For 300 LB Rating, Add	*2,116.74*	
22 11 16 00-0092	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	862.76	106.34
		For ASTM 120, Deduct	*-105.50*	
		For Work In Restricted Working Space, Add	*47.82*	
		For 300 LB Rating, Add	*2,400.95*	

22 11 16 00-0093 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0094	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	24.99	15.00
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*6.74*	
		For 300 LB Rating, Add	*9.95*	
22 11 16 00-0095	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	28.05	16.76
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*7.54*	
		For 300 LB Rating, Add	*11.40*	
22 11 16 00-0096	EA	1", 150 LB, Galvanized Malleable Iron Coupling	32.85	18.70
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*17.90*	
22 11 16 00-0097	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	38.51	21.23
		For ASTM 120, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*9.53*	
		For 300 LB Rating, Add	*24.79*	
22 11 16 00-0098	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	43.49	23.92
		For ASTM 120, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*10.75*	
		For 300 LB Rating, Add	*28.16*	
22 11 16 00-0099	EA	2", 150 LB, Galvanized Malleable Iron Coupling	56.72	30.41
		For ASTM 120, Deduct	*-1.68*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*40.78*	
22 11 16 00-0100	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	101.63	44.98
		For ASTM 120, Deduct	*-5.14*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*120.49*	
22 11 16 00-0101	EA	3", 150 LB, Galvanized Malleable Iron Coupling	134.44	59.13
		For ASTM 120, Deduct	*-6.87*	
		For Work In Restricted Working Space, Add	*26.60*	
		For 300 LB Rating, Add	*160.97*	
22 11 16 00-0102	EA	4", 150 LB, Galvanized Malleable Iron Coupling	190.21	62.01
		For ASTM 120, Deduct	*-14.58*	
		For Work In Restricted Working Space, Add	*27.90*	
		For 300 LB Rating, Add	*336.13*	
22 11 16 00-0103	EA	5", 150 LB, Galvanized Malleable Iron Coupling	370.79	64.72
		For ASTM 120, Deduct	*-41.06*	
		For Work In Restricted Working Space, Add	*29.11*	
		For 300 LB Rating, Add	*936.57*	
22 11 16 00-0104	EA	6", 150 LB, Galvanized Malleable Iron Coupling	413.33	67.67
		For ASTM 120, Deduct	*-46.78*	
		For Work In Restricted Working Space, Add	*30.44*	
		For 300 LB Rating, Add	*1,066.48*	

22 11 16 00-0105 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0106	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	25.53	15.00
		For ASTM 120, Deduct	*-0.46*	
		For Work In Restricted Working Space, Add	*6.74*	
		For 300 LB Rating, Add	*11.79*	
22 11 16 00-0107	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	28.42	16.76
		For ASTM 120, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*7.54*	
		For 300 LB Rating, Add	*12.66*	
22 11 16 00-0108	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	33.54	18.70
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*8.42*	
		For 300 LB Rating, Add	*20.25*	
22 11 16 00-0109	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	38.85	21.23
		For ASTM 120, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*9.53*	
		For 300 LB Rating, Add	*25.94*	
22 11 16 00-0110	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	44.95	23.92
		For ASTM 120, Deduct	*-1.37*	
		For Work In Restricted Working Space, Add	*10.75*	
		For 300 LB Rating, Add	*33.12*	
22 11 16 00-0111	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	57.96	30.41
		For ASTM 120, Deduct	*-1.86*	
		For Work In Restricted Working Space, Add	*13.66*	
		For 300 LB Rating, Add	*44.99*	
22 11 16 00-0112	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	102.06	44.98
		For ASTM 120, Deduct	*-5.20*	
		For Work In Restricted Working Space, Add	*20.21*	
		For 300 LB Rating, Add	*121.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0113	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	133.14	59.13
		For ASTM 120, Deduct	*-6.67*	
		For Work In Restricted Working Space, Add	*26.60*	
		For 300 LB Rating, Add	*156.55*	
22 11 16 00-0114	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	192.71	62.01
		For ASTM 120, Deduct	*-14.96*	
		For Work In Restricted Working Space, Add	*27.90*	
		For 300 LB Rating, Add	*344.63*	
22 11 16 00-0115	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	385.20	64.72
		For ASTM 120, Deduct	*-43.22*	
		For Work In Restricted Working Space, Add	*29.11*	
		For 300 LB Rating, Add	*985.57*	
22 11 16 00-0116	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	429.74	67.67
		For ASTM 120, Deduct	*-49.24*	
		For Work In Restricted Working Space, Add	*30.44*	
		For 300 LB Rating, Add	*1,122.27*	

22 11 16 00-0117 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0118	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	12.44	6.99
		For ASTM 120, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*3.16*	
		For 300 LB Rating, Add	*7.13*	
22 11 16 00-0119	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	13.88	7.50
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*9.68*	
22 11 16 00-0120	EA	1", 150 LB, Galvanized Malleable Iron Cap	16.24	8.68
		For ASTM 120, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*3.89*	
		For 300 LB Rating, Add	*11.93*	
22 11 16 00-0121	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	17.91	9.10
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.08*	
		For 300 LB Rating, Add	*15.50*	
22 11 16 00-0122	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	19.13	9.10
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*4.08*	
		For 300 LB Rating, Add	*19.65*	
22 11 16 00-0123	EA	2", 150 LB, Galvanized Malleable Iron Cap	25.87	12.05
		For ASTM 120, Deduct	*-1.16*	
		For Work In Restricted Working Space, Add	*5.44*	
		For 300 LB Rating, Add	*27.44*	
22 11 16 00-0124	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	44.98	15.00
		For ASTM 120, Deduct	*-3.38*	
		For Work In Restricted Working Space, Add	*6.74*	
		For 300 LB Rating, Add	*77.92*	
22 11 16 00-0125	EA	3", 150 LB, Galvanized Malleable Iron Cap	54.46	18.11
		For ASTM 120, Deduct	*-4.09*	
		For Work In Restricted Working Space, Add	*8.15*	
		For 300 LB Rating, Add	*94.42*	
22 11 16 00-0126	EA	4", 150 LB, Galvanized Malleable Iron Cap	92.18	21.29
		For ASTM 120, Deduct	*-9.05*	
		For Work In Restricted Working Space, Add	*9.56*	
		For 300 LB Rating, Add	*206.93*	
22 11 16 00-0127	EA	5", 150 LB, Galvanized Malleable Iron Cap	201.63	26.62
		For ASTM 120, Deduct	*-24.27*	
		For Work In Restricted Working Space, Add	*11.96*	
		For 300 LB Rating, Add	*552.44*	
22 11 16 00-0128	EA	6", 150 LB, Galvanized Malleable Iron Cap	251.94	31.64
		For ASTM 120, Deduct	*-30.67*	
		For Work In Restricted Working Space, Add	*14.25*	
		For 300 LB Rating, Add	*697.98*	

22 11 16 00-0129 Galvanized Malleable Iron Unions *(22 11 16 00-0013)*

22 11 16 00-0130	EA	1/2", 150 LB, Galvanized Malleable Iron Union	35.55	18.70
		For Work In Restricted Working Space, Add	*8.42*	
22 11 16 00-0131	EA	3/4", 150 LB, Galvanized Malleable Iron Union	40.99	21.65
		For Work In Restricted Working Space, Add	*9.72*	
22 11 16 00-0132	EA	1", 150 LB, Galvanized Malleable Iron Union	49.54	25.52
		For Work In Restricted Working Space, Add	*11.49*	
22 11 16 00-0133	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	61.79	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 11 16 00-0134	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	74.04	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 11 16 00-0135	EA	2", 150 LB, Galvanized Malleable Iron Union	90.03	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 11 16 00-0136	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	178.15	66.29
		For Work In Restricted Working Space, Add	*29.84*	
22 11 16 00-0137	EA	3", 150 LB, Galvanized Malleable Iron Union	241.00	87.18
		For Work In Restricted Working Space, Add	*39.26*	
22 11 16 00-0138	EA	1/2", 250 LB, Galvanized Malleable Iron Union	43.27	18.70
		For Work In Restricted Working Space, Add	*8.42*	
22 11 16 00-0139	EA	3/4", 250 LB, Galvanized Malleable Iron Union	46.21	21.65
		For Work In Restricted Working Space, Add	*9.72*	
22 11 16 00-0140	EA	1", 250 LB, Galvanized Malleable Iron Union	55.41	25.52
		For Work In Restricted Working Space, Add	*11.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0141	EA	1-1/4", 250 LB, Galvanized Malleable Iron Union	71.45	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 11 16 00-0142	EA	1-1/2", 250 LB, Galvanized Malleable Iron Union	84.20	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 11 16 00-0143	EA	2", 250 LB, Galvanized Malleable Iron Union	109.53	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 11 16 00-0144	EA	2-1/2", 250 LB, Galvanized Malleable Iron Union	210.36	66.29
		For Work In Restricted Working Space, Add	*29.84*	
22 11 16 00-0145	EA	3", 250 LB, Galvanized Malleable Iron Union	301.01	87.18
		For Work In Restricted Working Space, Add	*39.26*	
22 11 16 00-0146	EA	4", 250 LB, Galvanized Malleable Iron Union	404.14	91.51
		For Work In Restricted Working Space, Add	*41.18*	
22 11 16 00-0147	EA	1/2", 300 LB, Galvanized Malleable Iron Union	45.39	18.70
		For Work In Restricted Working Space, Add	*8.42*	
22 11 16 00-0148	EA	3/4", 300 LB, Galvanized Malleable Iron Union	51.18	21.65
		For Work In Restricted Working Space, Add	*9.72*	
22 11 16 00-0149	EA	1", 300 LB, Galvanized Malleable Iron Union	63.20	25.52
		For Work In Restricted Working Space, Add	*11.49*	
22 11 16 00-0150	EA	1-1/4", 300 LB, Galvanized Malleable Iron Union	80.26	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 11 16 00-0151	EA	1-1/2", 300 LB, Galvanized Malleable Iron Union	96.18	36.22
		For Work In Restricted Working Space, Add	*16.31*	
22 11 16 00-0152	EA	2", 300 LB, Galvanized Malleable Iron Union	117.58	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 11 16 00-0153	EA	2-1/2", 300 LB, Galvanized Malleable Iron Union	239.52	66.29
		For Work In Restricted Working Space, Add	*29.84*	
22 11 16 00-0154	EA	3", 300 LB, Galvanized Malleable Iron Union	367.72	87.18
		For Work In Restricted Working Space, Add	*39.26*	
22 11 16 00-0155	EA	4", 300 LB, Galvanized Malleable Iron Union	731.27	91.51
		For Work In Restricted Working Space, Add	*41.18*	

22 11 16 00-0156 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

22 11 16 00-0157	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	13.02	8.00
		For ASTM 120, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.12*	
22 11 16 00-0158	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	12.84	8.00
		For ASTM 120, Deduct	*-0.12*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*0.91*	
22 11 16 00-0159	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	13.01	8.00
		For ASTM 120, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.11*	
22 11 16 00-0160	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	14.29	8.68
		For ASTM 120, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*1.52*	
22 11 16 00-0161	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	15.82	9.35
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.03*	
22 11 16 00-0162	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	16.13	9.35
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.38*	
22 11 16 00-0163	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	21.06	12.05
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*3.35*	
22 11 16 00-0164	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	31.22	15.00
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*9.99*	
22 11 16 00-0165	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	37.67	18.11
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*11.97*	
22 11 16 00-0166	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	47.62	21.29
		For ASTM 120, Deduct	*-2.36*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*17.94*	
22 11 16 00-0167	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.17	8.00
		For ASTM 120, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.29*	
22 11 16 00-0168	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	12.88	8.00
		For ASTM 120, Deduct	*-0.13*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*0.96*	
22 11 16 00-0169	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.09	8.00
		For ASTM 120, Deduct	*-0.16*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.20*	
22 11 16 00-0170	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	13.17	8.00
		For ASTM 120, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0171	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	12.88	8.00
		For ASTM 120, Deduct	*-0.13*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*0.96*	
22 11 16 00-0172	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	13.09	8.00
		For ASTM 120, Deduct	*-0.16*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.20*	
22 11 16 00-0173	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	14.53	8.68
		For ASTM 120, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*1.79*	
22 11 16 00-0174	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	15.95	9.35
		For ASTM 120, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.18*	
22 11 16 00-0175	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.28	9.35
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.55*	
22 11 16 00-0176	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.55	8.00
		For ASTM 120, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.72*	
22 11 16 00-0177	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.02	8.00
		For ASTM 120, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.12*	
22 11 16 00-0178	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.20	8.00
		For ASTM 120, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.32*	
22 11 16 00-0179	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.65	8.68
		For ASTM 120, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*1.93*	
22 11 16 00-0180	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.14	9.35
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.39*	
22 11 16 00-0181	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.54	9.35
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.85*	
22 11 16 00-0182	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.43	12.05
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*3.77*	
22 11 16 00-0183	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	13.55	8.00
		For ASTM 120, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.72*	
22 11 16 00-0184	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	13.02	8.00
		For ASTM 120, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.12*	
22 11 16 00-0185	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	13.20	8.00
		For ASTM 120, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.32*	
22 11 16 00-0186	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	14.65	8.68
		For ASTM 120, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*1.93*	
22 11 16 00-0187	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.14	9.35
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.39*	
22 11 16 00-0188	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.54	9.35
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.85*	
22 11 16 00-0189	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	21.43	12.05
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*3.77*	
22 11 16 00-0190	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	31.56	15.00
		For ASTM 120, Deduct	*-1.37*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*10.37*	
22 11 16 00-0191	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	39.12	18.11
		For ASTM 120, Deduct	*-1.79*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*13.62*	
22 11 16 00-0192	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.83	8.00
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0193	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.26	8.00
		For ASTM 120, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.39*	
22 11 16 00-0194	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.55	8.00
		For ASTM 120, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.72*	
22 11 16 00-0195	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.00	8.68
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*2.33*	
22 11 16 00-0196	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.54	9.35
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.85*	
22 11 16 00-0197	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.20	9.35
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*3.60*	
22 11 16 00-0198	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.14	12.05
		For ASTM 120, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*4.58*	
22 11 16 00-0199	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	33.02	15.00
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*12.04*	
22 11 16 00-0200	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	41.19	18.11
		For ASTM 120, Deduct	*-2.10*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*15.98*	
22 11 16 00-0201	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	13.83	8.00
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.04*	
22 11 16 00-0202	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	13.26	8.00
		For ASTM 120, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.39*	
22 11 16 00-0203	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	13.83	8.00
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.04*	
22 11 16 00-0204	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	15.00	8.68
		For ASTM 120, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*2.33*	
22 11 16 00-0205	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	16.54	9.35
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*2.85*	
22 11 16 00-0206	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	17.20	9.35
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*3.60*	
22 11 16 00-0207	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	22.18	12.05
		For ASTM 120, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*4.63*	
22 11 16 00-0208	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	33.02	15.00
		For ASTM 120, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*12.04*	
22 11 16 00-0209	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	41.19	18.11
		For ASTM 120, Deduct	*-2.10*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*15.98*	
22 11 16 00-0210	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	50.70	21.29
		For ASTM 120, Deduct	*-2.82*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*21.45*	
22 11 16 00-0211	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.50	8.00
		For ASTM 120, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.80*	
22 11 16 00-0212	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.50	8.00
		For ASTM 120, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.66*	
22 11 16 00-0213	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	13.84	8.00
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.05*	
22 11 16 00-0214	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.46	8.68
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*2.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0215	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.13	9.35
		For ASTM 120, Deduct	*-0.46*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*3.52*	
22 11 16 00-0216	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.86	9.35
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*4.35*	
22 11 16 00-0217	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.26	12.05
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*5.86*	
22 11 16 00-0218	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.24	15.00
		For ASTM 120, Deduct	*-1.77*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*13.43*	
22 11 16 00-0219	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	43.51	18.11
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*18.63*	
22 11 16 00-0220	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	52.98	21.29
		For ASTM 120, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*24.05*	
22 11 16 00-0221	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	14.50	8.00
		For ASTM 120, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.80*	
22 11 16 00-0222	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	13.50	8.00
		For ASTM 120, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.66*	
22 11 16 00-0223	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	13.84	8.00
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.05*	
22 11 16 00-0224	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	15.46	8.68
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*2.85*	
22 11 16 00-0225	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	17.13	9.35
		For ASTM 120, Deduct	*-0.46*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*3.52*	
22 11 16 00-0226	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	17.86	9.35
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*4.35*	
22 11 16 00-0227	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	23.26	12.05
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*5.86*	
22 11 16 00-0228	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	34.24	15.00
		For ASTM 120, Deduct	*-1.77*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*13.43*	
22 11 16 00-0229	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	43.51	18.11
		For ASTM 120, Deduct	*-2.45*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*18.63*	
22 11 16 00-0230	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	52.98	21.29
		For ASTM 120, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*24.05*	
22 11 16 00-0231	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	14.78	8.00
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*3.12*	
22 11 16 00-0232	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	13.70	8.00
		For ASTM 120, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*1.89*	
22 11 16 00-0233	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	14.20	8.00
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*2.46*	
22 11 16 00-0234	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	15.79	8.68
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*3.23*	
22 11 16 00-0235	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	17.63	9.35
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*4.09*	
22 11 16 00-0236	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	18.34	9.35
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*4.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0237	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	24.09	12.05
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*6.81*	
22 11 16 00-0238	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	35.40	15.00
		For ASTM 120, Deduct	*-1.94*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*14.75*	
22 11 16 00-0239	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	44.45	18.11
		For ASTM 120, Deduct	*-2.59*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*19.70*	
22 11 16 00-0240	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	55.21	21.29
		For ASTM 120, Deduct	*-3.50*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*26.60*	
22 11 16 00-0241	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	22.99	8.00
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*12.48*	
22 11 16 00-0242	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	14.97	8.00
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*3.34*	
22 11 16 00-0243	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	15.78	8.00
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*4.26*	
22 11 16 00-0244	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	17.70	8.68
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*5.40*	
22 11 16 00-0245	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	19.85	9.35
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*6.62*	
22 11 16 00-0246	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	20.71	9.35
		For ASTM 120, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*7.60*	
22 11 16 00-0247	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	27.84	12.05
		For ASTM 120, Deduct	*-1.46*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*11.08*	
22 11 16 00-0248	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	39.11	15.00
		For ASTM 120, Deduct	*-2.50*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*18.98*	
22 11 16 00-0249	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	50.45	18.11
		For ASTM 120, Deduct	*-3.49*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*26.54*	
22 11 16 00-0250	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	59.72	21.29
		For ASTM 120, Deduct	*-4.18*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*31.74*	
22 11 16 00-0251	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	17.26	8.00
		For ASTM 120, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*5.95*	
22 11 16 00-0252	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	15.51	8.00
		For ASTM 120, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*3.96*	
22 11 16 00-0253	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	16.19	8.00
		For ASTM 120, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*4.73*	
22 11 16 00-0254	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	18.38	8.68
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*6.18*	
22 11 16 00-0255	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	20.99	9.35
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*7.92*	
22 11 16 00-0256	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	21.81	9.35
		For ASTM 120, Deduct	*-1.17*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*8.86*	
22 11 16 00-0257	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	29.49	12.05
		For ASTM 120, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*12.96*	
22 11 16 00-0258	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	41.44	15.00
		For ASTM 120, Deduct	*-2.85*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*21.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0259	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	53.73	18.11
		For ASTM 120, Deduct	*-3.98*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*30.28*	
22 11 16 00-0260	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	64.15	21.29
		For ASTM 120, Deduct	*-4.84*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*36.79*	
22 11 16 00-0261	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	17.83	8.00
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*6.60*	
22 11 16 00-0262	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	15.99	8.00
		For ASTM 120, Deduct	*-0.59*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*4.50*	
22 11 16 00-0263	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	16.70	8.00
		For ASTM 120, Deduct	*-0.70*	
		For Work In Restricted Working Space, Add	*3.61*	
		For Schedule 80 Nipples, Add	*5.31*	
22 11 16 00-0264	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	19.27	8.68
		For ASTM 120, Deduct	*-0.95*	
		For Work In Restricted Working Space, Add	*3.89*	
		For Schedule 80 Nipples, Add	*7.19*	
22 11 16 00-0265	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	22.38	9.35
		For ASTM 120, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*9.51*	
22 11 16 00-0266	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	22.93	9.35
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*4.21*	
		For Schedule 80 Nipples, Add	*10.13*	
22 11 16 00-0267	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	31.17	12.05
		For ASTM 120, Deduct	*-1.96*	
		For Work In Restricted Working Space, Add	*5.44*	
		For Schedule 80 Nipples, Add	*14.88*	
22 11 16 00-0268	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	43.70	15.00
		For ASTM 120, Deduct	*-3.19*	
		For Work In Restricted Working Space, Add	*6.74*	
		For Schedule 80 Nipples, Add	*24.21*	
22 11 16 00-0269	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	57.03	18.11
		For ASTM 120, Deduct	*-4.48*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Schedule 80 Nipples, Add	*34.04*	
22 11 16 00-0270	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	68.61	21.29
		For ASTM 120, Deduct	*-5.51*	
		For Work In Restricted Working Space, Add	*9.56*	
		For Schedule 80 Nipples, Add	*41.87*	

22 11 16 00-0271 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0272	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	12.07	5.98
		For Work In Restricted Working Space, Add	*2.70*	
		For 300 LB Rating, Add	*11.01*	
22 11 16 00-0273	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	13.13	6.74
		For Work In Restricted Working Space, Add	*3.02*	
		For 300 LB Rating, Add	*11.08*	
22 11 16 00-0274	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	14.61	7.50
		For Work In Restricted Working Space, Add	*3.37*	
		For 300 LB Rating, Add	*12.17*	
22 11 16 00-0275	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	17.91	8.50
		For Work In Restricted Working Space, Add	*3.81*	
		For 300 LB Rating, Add	*18.44*	
22 11 16 00-0276	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	21.33	9.52
		For Work In Restricted Working Space, Add	*4.30*	
		For 300 LB Rating, Add	*24.66*	
22 11 16 00-0277	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	27.11	12.13
		For Work In Restricted Working Space, Add	*5.46*	
		For 300 LB Rating, Add	*31.35*	
22 11 16 00-0278	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	44.31	17.95
		For Work In Restricted Working Space, Add	*8.09*	
		For 300 LB Rating, Add	*60.64*	
22 11 16 00-0279	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	60.09	23.67
		For Work In Restricted Working Space, Add	*10.64*	
		For 300 LB Rating, Add	*85.84*	
22 11 16 00-0280	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	88.32	24.79
		For Work In Restricted Working Space, Add	*11.16*	
		For 300 LB Rating, Add	*176.04*	
22 11 16 00-0281	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	132.60	25.91
		For Work In Restricted Working Space, Add	*11.64*	
		For 300 LB Rating, Add	*321.21*	
22 11 16 00-0282	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	141.98	27.02
		For Work In Restricted Working Space, Add	*12.17*	
		For 300 LB Rating, Add	*347.19*	

22 11 16 00-0283 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0284	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	27.98	15.83
		For Work In Restricted Working Space, Add	*7.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0285	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	30.27	16.85
		For Work In Restricted Working Space, Add	*7.58*	
22 11 16 00-0286	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	31.34	17.77
		For Work In Restricted Working Space, Add	*7.98*	
22 11 16 00-0287	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	34.12	18.11
		For Work In Restricted Working Space, Add	*8.14*	
22 11 16 00-0288	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	34.82	18.95
		For Work In Restricted Working Space, Add	*8.54*	
22 11 16 00-0289	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	36.28	19.96
		For Work In Restricted Working Space, Add	*8.98*	
22 11 16 00-0290	EA	1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	38.40	19.45
		For Work In Restricted Working Space, Add	*8.75*	
22 11 16 00-0291	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	39.75	20.30
		For Work In Restricted Working Space, Add	*9.15*	
22 11 16 00-0292	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	40.29	21.31
		For Work In Restricted Working Space, Add	*9.59*	
22 11 16 00-0293	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	41.51	22.57
		For Work In Restricted Working Space, Add	*10.14*	
22 11 16 00-0294	EA	2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	45.55	22.66
		For Work In Restricted Working Space, Add	*10.20*	
22 11 16 00-0295	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	46.09	23.58
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0296	EA	2" x 1", 150 LB, Galvanized Malleable Iron Bushing	46.96	24.51
		For Work In Restricted Working Space, Add	*11.04*	
22 11 16 00-0297	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	48.81	25.78
		For Work In Restricted Working Space, Add	*11.60*	
22 11 16 00-0298	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	49.59	27.12
		For Work In Restricted Working Space, Add	*12.20*	
22 11 16 00-0299	EA	2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	62.98	30.83
		For Work In Restricted Working Space, Add	*13.88*	
22 11 16 00-0300	EA	2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	64.45	31.83
		For Work In Restricted Working Space, Add	*14.32*	
22 11 16 00-0301	EA	2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	66.30	33.02
		For Work In Restricted Working Space, Add	*14.88*	
22 11 16 00-0302	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	68.01	34.45
		For Work In Restricted Working Space, Add	*15.48*	
22 11 16 00-0303	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	70.99	37.65
		For Work In Restricted Working Space, Add	*16.94*	
22 11 16 00-0304	EA	3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	78.97	37.90
		For Work In Restricted Working Space, Add	*17.07*	
22 11 16 00-0305	EA	3" x 1", 150 LB, Galvanized Malleable Iron Bushing	80.43	38.91
		For Work In Restricted Working Space, Add	*17.51*	
22 11 16 00-0306	EA	3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	82.29	40.18
		For Work In Restricted Working Space, Add	*18.07*	
22 11 16 00-0307	EA	3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	83.88	41.53
		For Work In Restricted Working Space, Add	*18.68*	
22 11 16 00-0308	EA	3" x 2", 150 LB, Galvanized Malleable Iron Bushing	86.71	44.73
		For Work In Restricted Working Space, Add	*20.13*	
22 11 16 00-0309	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	98.77	52.05
		For Work In Restricted Working Space, Add	*23.41*	
22 11 16 00-0310	EA	4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	104.64	38.89
		For Work In Restricted Working Space, Add	*17.52*	
22 11 16 00-0311	EA	4" x 1", 150 LB, Galvanized Malleable Iron Bushing	106.03	39.85
		For Work In Restricted Working Space, Add	*17.94*	
22 11 16 00-0312	EA	4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	107.78	41.05
		For Work In Restricted Working Space, Add	*18.46*	
22 11 16 00-0313	EA	4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	109.69	42.33
		For Work In Restricted Working Space, Add	*19.04*	
22 11 16 00-0314	EA	4" x 2", 150 LB, Galvanized Malleable Iron Bushing	108.83	45.35
		For Work In Restricted Working Space, Add	*20.41*	
22 11 16 00-0315	EA	4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	124.62	52.29
		For Work In Restricted Working Space, Add	*23.51*	
22 11 16 00-0316	EA	4" x 3", 150 LB, Galvanized Malleable Iron Bushing	131.64	58.98
		For Work In Restricted Working Space, Add	*26.54*	

22 11 16 00-0317 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

22 11 16 00-0318	EA	1/2", 150 LB, Galvanized Malleable Iron Floor Flange	52.51	30.78
22 11 16 00-0319	EA	3/4", 150 LB, Galvanized Malleable Iron Floor Flange	57.39	33.70
22 11 16 00-0320	EA	1", 150 LB, Galvanized Malleable Iron Floor Flange	66.01	38.07
22 11 16 00-0321	EA	1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	68.63	39.42
22 11 16 00-0322	EA	1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	74.69	42.88
22 11 16 00-0323	EA	2", 150 LB, Galvanized Malleable Iron Floor Flange	80.66	44.73

22 11 16 00-0324 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

22 11 16 00-0325	EA	3/4", 125 LB, Galvanized Cast Iron Flange	104.02	33.70
		For Work In Restricted Working Space, Add	*15.16*	
22 11 16 00-0326	EA	1", 125 LB, Galvanized Cast Iron Flange	98.52	38.07
		For Work In Restricted Working Space, Add	*17.13*	
22 11 16 00-0327	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	80.99	39.42
		For Work In Restricted Working Space, Add	*17.73*	
22 11 16 00-0328	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	112.94	42.88
		For Work In Restricted Working Space, Add	*19.29*	
22 11 16 00-0329	EA	2", 125 LB, Galvanized Cast Iron Flange	109.88	44.73
		For Work In Restricted Working Space, Add	*20.13*	
22 11 16 00-0330	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	127.66	51.80
		For Work In Restricted Working Space, Add	*23.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0331	EA	3", 125 LB, Galvanized Cast Iron Flange	233.64	65.70
		For Work In Restricted Working Space, Add	*29.55*	
22 11 16 00-0332	EA	4", 125 LB, Galvanized Cast Iron Flange	210.33	85.05
		For Work In Restricted Working Space, Add	*38.25*	
22 11 16 00-0333	EA	5", 125 LB, Galvanized Cast Iron Flange	281.83	101.23
		For Work In Restricted Working Space, Add	*45.54*	
22 11 16 00-0334	EA	6", 125 LB, Galvanized Cast Iron Flange	313.35	116.30
		For Work In Restricted Working Space, Add	*52.31*	

22 11 16 00-0335 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0336	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	27.45	
		For Work In Restricted Working Space, Add	*8.24*	
22 11 16 00-0337	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	30.20	
		For Work In Restricted Working Space, Add	*9.06*	
22 11 16 00-0338	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	32.94	
		For Work In Restricted Working Space, Add	*9.88*	
22 11 16 00-0339	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	35.68	
		For Work In Restricted Working Space, Add	*10.70*	
22 11 16 00-0340	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	37.51	
		For Work In Restricted Working Space, Add	*11.25*	
22 11 16 00-0341	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	39.35	
		For Work In Restricted Working Space, Add	*11.81*	
22 11 16 00-0342	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	41.18	
		For Work In Restricted Working Space, Add	*12.35*	
22 11 16 00-0343	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	43.01	
		For Work In Restricted Working Space, Add	*12.90*	
22 11 16 00-0344	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	44.84	
		For Work In Restricted Working Space, Add	*13.45*	

22 11 16 00-0345 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0876 for pipe with fittings assembly.

22 11 16 00-0346 Copper Tube/Pipe *(22 11 16 00-0345)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0347 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0346)*

22 11 16 00-0348	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	4.17	2.06
		For <20, Add	*0.11*	
		For >150, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*0.93*	
		For Medical/Oxygen Service Tubing, Add	*0.09*	
22 11 16 00-0349	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	4.80	2.14
		For <20, Add	*0.16*	
		For >150, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*0.97*	
		For Medical/Oxygen Service Tubing, Add	*0.13*	
22 11 16 00-0350	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	5.24	2.23
		For <20, Add	*0.19*	
		For >150, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*1.01*	
		For Medical/Oxygen Service Tubing, Add	*0.15*	
22 11 16 00-0351	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	6.62	2.37
		For <20, Add	*0.31*	
		For >150, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*1.07*	
		For Medical/Oxygen Service Tubing, Add	*0.25*	
22 11 16 00-0352	LF	1" Hard Drawn Type L Copper Tube/Pipe	8.43	2.67
		For <20, Add	*0.44*	
		For >150, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*1.20*	
		For Medical/Oxygen Service Tubing, Add	*0.36*	
22 11 16 00-0353	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	12.06	3.96
		For <20, Add	*0.61*	
		For >150, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.78*	
		For Medical/Oxygen Service Tubing, Add	*0.49*	
22 11 16 00-0354	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	14.49	4.42
		For <20, Add	*0.79*	
		For >150, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*1.99*	
		For Medical/Oxygen Service Tubing, Add	*0.63*	
22 11 16 00-0355	LF	2" Hard Drawn Type L Copper Tube/Pipe	20.63	5.45
		For <20, Add	*1.25*	
		For >150, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*2.45*	
		For Medical/Oxygen Service Tubing, Add	*1.00*	
22 11 16 00-0356	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	37.24	6.41
		For <20, Add	*1.80*	
		For >150, Deduct	*-3.60*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Medical/Oxygen Service Tubing, Add	*1.44*	
22 11 16 00-0357	LF	3" Hard Drawn Type L Copper Tube/Pipe	46.65	7.56
		For <20, Add	*2.40*	
		For >150, Deduct	*-4.80*	
		For Work In Restricted Working Space, Add	*6.80*	
		For Medical/Oxygen Service Tubing, Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0358	LF	4" Hard Drawn Type L Copper Tube/Pipe	68.31	8.52
		For <20, Add	*4.28*	
		For >150, Deduct	*-8.55*	
		For Work In Restricted Working Space, Add	*7.67*	
		For Medical/Oxygen Service Tubing, Add	*3.42*	
22 11 16 00-0359	LF	5" Hard Drawn Type L Copper Tube/Pipe	104.89	9.78
		For <20, Add	*7.55*	
		For >150, Deduct	*-15.11*	
		For Work In Restricted Working Space, Add	*8.81*	
		For Medical/Oxygen Service Tubing, Add	*6.04*	
22 11 16 00-0360	LF	6" Hard Drawn Type L Copper Tube/Pipe	144.85	15.17
		For <20, Add	*9.94*	
		For >150, Deduct	*-19.87*	
		For Work In Restricted Working Space, Add	*13.64*	
		For Medical/Oxygen Service Tubing, Add	*7.95*	
22 11 16 00-0361	LF	8" Hard Drawn Type L Copper Tube/Pipe	237.84	16.86
		For <20, Add	*18.73*	
		For >150, Deduct	*-37.46*	
		For Work In Restricted Working Space, Add	*15.17*	
		For Medical/Oxygen Service Tubing, Add	*14.98*	

22 11 16 00-0362 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0346)*

22 11 16 00-0363	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	4.54	2.21
		For <20, Add	*0.12*	
		For >150, Deduct	*-0.24*	
		For Work In Restricted Working Space, Add	*1.00*	
		For Medical/Oxygen Service Tubing, Add	*0.10*	
22 11 16 00-0364	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	5.98	2.30
		For <20, Add	*0.22*	
		For >150, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.14*	
		For Medical/Oxygen Service Tubing, Add	*0.18*	
22 11 16 00-0365	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	6.27	2.39
		For <20, Add	*0.26*	
		For >150, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*1.11*	
		For Medical/Oxygen Service Tubing, Add	*0.21*	
22 11 16 00-0366	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	8.92	2.55
		For <20, Add	*0.46*	
		For >150, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*1.29*	
		For Medical/Oxygen Service Tubing, Add	*0.37*	
22 11 16 00-0367	LF	1" Hard Drawn Type K Copper Tube/Pipe	10.71	2.87
		For <20, Add	*0.62*	
		For >150, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*1.37*	
		For Medical/Oxygen Service Tubing, Add	*0.49*	
22 11 16 00-0368	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	14.12	4.26
		For <20, Add	*0.77*	
		For >150, Deduct	*-1.53*	
		For Work In Restricted Working Space, Add	*1.94*	
		For Medical/Oxygen Service Tubing, Add	*0.61*	
22 11 16 00-0369	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	17.07	4.75
		For <20, Add	*0.98*	
		For >150, Deduct	*-1.96*	
		For Work In Restricted Working Space, Add	*2.18*	
		For Medical/Oxygen Service Tubing, Add	*0.78*	
22 11 16 00-0370	LF	2" Hard Drawn Type K Copper Tube/Pipe	23.97	5.87
		For <20, Add	*1.51*	
		For >150, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*2.67*	
		For Medical/Oxygen Service Tubing, Add	*1.21*	
22 11 16 00-0371	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	41.81	6.89
		For <20, Add	*2.25*	
		For >150, Deduct	*-4.49*	
		For Work In Restricted Working Space, Add	*5.80*	
		For Medical/Oxygen Service Tubing, Add	*1.80*	
22 11 16 00-0372	LF	3" Hard Drawn Type K Copper Tube/Pipe	55.63	8.12
		For <20, Add	*3.07*	
		For >150, Deduct	*-6.14*	
		For Work In Restricted Working Space, Add	*7.48*	
		For Medical/Oxygen Service Tubing, Add	*2.46*	
22 11 16 00-0373	LF	4" Hard Drawn Type K Copper Tube/Pipe	82.98	9.17
		For <20, Add	*5.47*	
		For >150, Deduct	*-10.95*	
		For Work In Restricted Working Space, Add	*8.47*	
		For Medical/Oxygen Service Tubing, Add	*4.38*	
22 11 16 00-0374	LF	5" Hard Drawn Type K Copper Tube/Pipe	133.63	10.52
		For <20, Add	*10.03*	
		For >150, Deduct	*-20.06*	
		For Work In Restricted Working Space, Add	*10.00*	
		For Medical/Oxygen Service Tubing, Add	*8.02*	
22 11 16 00-0375	LF	6" Hard Drawn Type K Copper Tube/Pipe	197.65	16.30
		For <20, Add	*14.39*	
		For >150, Deduct	*-28.78*	
		For Work In Restricted Working Space, Add	*16.12*	
		For Medical/Oxygen Service Tubing, Add	*11.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0376	LF	8" Hard Drawn Type K Copper Tube/Pipe	328.70	18.13
		For <20, Add	*26.95*	
		For >150, Deduct	*-53.90*	
		For Work In Restricted Working Space, Add	*17.76*	
		For Medical/Oxygen Service Tubing, Add	*21.56*	

22 11 16 00-0377 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0346)*

22 11 16 00-0378	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	4.02	1.93
		For <20, Add	*0.12*	
		For >150, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*0.84*	
22 11 16 00-0379	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	4.27	2.01
		For <20, Add	*0.14*	
		For >150, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*0.86*	
22 11 16 00-0380	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	5.31	2.13
		For <20, Add	*0.23*	
		For >150, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-0381	LF	1" Hard Drawn Type M Copper Tube/Pipe	6.88	2.39
		For <20, Add	*0.35*	
		For >150, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*1.03*	
22 11 16 00-0382	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	10.31	3.57
		For <20, Add	*0.51*	
		For >150, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*1.58*	
22 11 16 00-0383	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	13.01	3.98
		For <20, Add	*0.70*	
		For >150, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*1.82*	
22 11 16 00-0384	LF	2" Hard Drawn Type M Copper Tube/Pipe	18.45	4.91
		For <20, Add	*1.10*	
		For >150, Deduct	*-2.19*	
		For Work In Restricted Working Space, Add	*2.25*	
22 11 16 00-0385	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	34.10	5.77
		For <20, Add	*1.59*	
		For >150, Deduct	*-3.18*	
		For Work In Restricted Working Space, Add	*5.46*	
22 11 16 00-0386	LF	3" Hard Drawn Type M Copper Tube/Pipe	41.57	6.79
		For <20, Add	*2.11*	
		For >150, Deduct	*-4.23*	
		For Work In Restricted Working Space, Add	*6.13*	
22 11 16 00-0387	LF	4" Hard Drawn Type M Copper Tube/Pipe	63.43	7.67
		For <20, Add	*3.96*	
		For >150, Deduct	*-7.92*	
		For Work In Restricted Working Space, Add	*7.15*	
22 11 16 00-0388	LF	5" Hard Drawn Type M Copper Tube/Pipe	104.38	8.81
		For <20, Add	*7.69*	
		For >150, Deduct	*-15.37*	
		For Work In Restricted Working Space, Add	*8.26*	
22 11 16 00-0389	LF	6" Hard Drawn Type M Copper Tube/Pipe	145.30	13.66
		For <20, Add	*10.27*	
		For >150, Deduct	*-20.53*	
		For Work In Restricted Working Space, Add	*12.79*	
22 11 16 00-0390	LF	8" Hard Drawn Type M Copper Tube/Pipe	241.46	15.18
		For <20, Add	*19.46*	
		For >150, Deduct	*-38.91*	
		For Work In Restricted Working Space, Add	*14.07*	

22 11 16 00-0391 Soft Drawn Type L Copper Tube *(22 11 16 00-0346)*

22 11 16 00-0392	LF	1/4" Soft Drawn Type L Copper Tube	4.48	2.06
		For <20, Add	*0.14*	
		For >150, Deduct	*-0.28*	
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-0393	LF	3/8" Soft Drawn Type L Copper Tube	5.39	2.14
		For <20, Add	*0.22*	
		For >150, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*0.97*	
22 11 16 00-0394	LF	1/2" Soft Drawn Type L Copper Tube	6.26	2.23
		For <20, Add	*0.29*	
		For >150, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*1.01*	
22 11 16 00-0395	LF	5/8" Soft Drawn Type L Copper Tube	7.19	2.30
		For <20, Add	*0.37*	
		For >150, Deduct	*-0.75*	
		For Work In Restricted Working Space, Add	*1.04*	
22 11 16 00-0396	LF	3/4" Soft Drawn Type L Copper Tube	8.01	2.37
		For <20, Add	*0.45*	
		For >150, Deduct	*-0.89*	
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-0397	LF	1" Soft Drawn Type L Copper Tube	10.16	2.67
		For <20, Add	*0.62*	
		For >150, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0398	LF	1-1/4" Soft Drawn Type L Copper Tube	14.06	3.96
		For <20, Add	*0.81*	
		For >150, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*1.78*	
22 11 16 00-0399	LF	1-1/2" Soft Drawn Type L Copper Tube	17.63	4.42
		For <20, Add	*1.10*	
		For >150, Deduct	*-2.20*	
		For Work In Restricted Working Space, Add	*1.99*	
22 11 16 00-0400	LF	2" Soft Drawn Type L Copper Tube	25.68	5.45
		For <20, Add	*1.75*	
		For >150, Deduct	*-3.50*	
		For Work In Restricted Working Space, Add	*2.45*	

22 11 16 00-0401 Soft Drawn Type K Copper Tube *(22 11 16 00-0346)*

22 11 16 00-0402	LF	1/4" Soft Drawn Type K Copper Tube	4.62	2.06
		For <20, Add	*0.15*	
		For >150, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-0403	LF	3/8" Soft Drawn Type K Copper Tube	5.84	2.14
		For <20, Add	*0.26*	
		For >150, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*0.97*	
22 11 16 00-0404	LF	1/2" Soft Drawn Type K Copper Tube	6.64	2.23
		For <20, Add	*0.33*	
		For >150, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*1.01*	
22 11 16 00-0405	LF	5/8" Soft Drawn Type K Copper Tube	7.37	2.30
		For <20, Add	*0.39*	
		For >150, Deduct	*-0.78*	
		For Work In Restricted Working Space, Add	*1.04*	
22 11 16 00-0406	LF	3/4" Soft Drawn Type K Copper Tube	9.63	2.37
		For <20, Add	*0.61*	
		For >150, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-0407	LF	1" Soft Drawn Type K Copper Tube	12.06	2.67
		For <20, Add	*0.81*	
		For >150, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*1.20*	
22 11 16 00-0408	LF	1-1/4" Soft Drawn Type K Copper Tube	15.45	3.96
		For <20, Add	*0.95*	
		For >150, Deduct	*-1.90*	
		For Work In Restricted Working Space, Add	*1.78*	
22 11 16 00-0409	LF	1-1/2" Soft Drawn Type K Copper Tube	19.84	4.42
		For <20, Add	*1.32*	
		For >150, Deduct	*-2.64*	
		For Work In Restricted Working Space, Add	*1.99*	
22 11 16 00-0410	LF	2" Soft Drawn Type K Copper Tube	28.72	5.45
		For <20, Add	*2.06*	
		For >150, Deduct	*-4.11*	
		For Work In Restricted Working Space, Add	*2.45*	
22 11 16 00-0411	LF	2-1/2" Soft Drawn Type K Copper Tube	40.63	6.54
		For <20, Add	*3.08*	
		For >150, Deduct	*-6.16*	
		For Work In Restricted Working Space, Add	*2.94*	
22 11 16 00-0412	LF	3" Soft Drawn Type K Copper Tube	54.44	7.72
		For <20, Add	*4.29*	
		For >150, Deduct	*-8.57*	
		For Work In Restricted Working Space, Add	*3.47*	

22 11 16 00-0413 Copper And Brass Fittings *(22 11 16 00-0345)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0414 90 Degree Copper Elbows *(22 11 16 00-0413)*

22 11 16 00-0415	EA	1/4" 90 Degree Copper Elbow	19.54	12.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Street Fitting, Add	*0.50*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.81*	
22 11 16 00-0416	EA	3/8" 90 Degree Copper Elbow	23.27	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Street Fitting, Add	*0.52*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.36*	
22 11 16 00-0417	EA	1/2" 90 Degree Copper Elbow	30.63	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Street Fitting, Add	*0.17*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.55*	
22 11 16 00-0418	EA	3/4" 90 Degree Copper Elbow	38.47	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Street Fitting, Add	*0.38*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0419	EA	1" 90 Degree Copper Elbow	47.18	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Street Fitting, Add	*0.94*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.84*	
22 11 16 00-0420	EA	1-1/4" 90 Degree Copper Elbow	52.00	32.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.28*	
		For Street Fitting, Add	*1.40*	
		For Work In Restricted Working Space, Add	*14.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.45*	
22 11 16 00-0421	EA	1-1/2" 90 Degree Copper Elbow	58.56	35.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.96*	
		For Street Fitting, Add	*2.19*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.24*	
22 11 16 00-0422	EA	2" 90 Degree Copper Elbow	69.46	39.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.92*	
		For Street Fitting, Add	*3.99*	
		For Work In Restricted Working Space, Add	*17.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.42*	
22 11 16 00-0423	EA	2-1/2" 90 Degree Copper Elbow	80.22	40.43
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.10*	
		For Work In Restricted Working Space, Add	*18.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.08*	
22 11 16 00-0424	EA	3" 90 Degree Copper Elbow	100.03	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.24*	
22 11 16 00-0425	EA	4" 90 Degree Copper Elbow	169.72	68.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.41*	
		For Work In Restricted Working Space, Add	*30.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.76*	
22 11 16 00-0426	EA	5" 90 Degree Copper Elbow	421.20	93.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-28.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.10*	
		For Work In Restricted Working Space, Add	*42.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*35.13*	
22 11 16 00-0427	EA	6" 90 Degree Copper Elbow	578.65	136.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.70*	
		For Work In Restricted Working Space, Add	*61.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*49.40*	
22 11 16 00-0428	EA	8" 90 Degree Copper Elbow	1,656.42	182.02
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-96.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.94*	
		For Work In Restricted Working Space, Add	*81.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*110.11*	

22 11 16 00-0429 90 Degree Brass Elbows *(22 11 16 00-0413)*

22 11 16 00-0430	EA	1/2" Drop Ear 90 Degree Brass Elbow	32.87	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.66*	
22 11 16 00-0431	EA	3/4" Drop Ear 90 Degree Brass Elbow	45.30	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.02*	
22 11 16 00-0432	EA	1/2" Flanged Sink 90 Degree Brass Elbow	35.07	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.77*	
22 11 16 00-0433	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	25.96	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.49*	
22 11 16 00-0434	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	33.06	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.67*	
22 11 16 00-0435	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	42.55	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0436	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	60.92	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.53*	

22 11 16 00-0437 Reducing 90 Degree Copper Elbows *(22 11 16 00-0413)*

22 11 16 00-0438	EA	1/2" Reducing 90 Degree Copper Elbow	33.65	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.70*	
22 11 16 00-0439	EA	3/4" Reducing 90 Degree Copper Elbow	39.96	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.75*	
22 11 16 00-0440	EA	1" Reducing 90 Degree Copper Elbow	49.33	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.95*	
22 11 16 00-0441	EA	1-1/4" Reducing 90 Degree Copper Elbow	59.95	32.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.28*	
		For Work In Restricted Working Space, Add	*14.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.85*	
22 11 16 00-0442	EA	1-1/2" Reducing 90 Degree Copper Elbow	68.12	35.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.96*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.71*	
22 11 16 00-0443	EA	2" Reducing 90 Degree Copper Elbow	79.72	39.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.92*	
		For Work In Restricted Working Space, Add	*17.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.93*	

22 11 16 00-0444 45 Degree Copper Elbows *(22 11 16 00-0413)*

22 11 16 00-0445	EA	1/4" 45 Degree Copper Elbow	20.62	12.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Street Fitting, Add	*0.93*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.86*	
22 11 16 00-0446	EA	3/8" 45 Degree Copper Elbow	23.95	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Street Fitting, Add	*0.80*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.39*	
22 11 16 00-0447	EA	1/2" 45 Degree Copper Elbow	30.98	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Street Fitting, Add	*0.31*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.57*	
22 11 16 00-0448	EA	3/4" 45 Degree Copper Elbow	38.85	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Street Fitting, Add	*0.54*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.69*	
22 11 16 00-0449	EA	1" 45 Degree Copper Elbow	48.17	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Street Fitting, Add	*1.33*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.89*	
22 11 16 00-0450	EA	1-1/4" 45 Degree Copper Elbow	53.02	32.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.28*	
		For Street Fitting, Add	*1.81*	
		For Work In Restricted Working Space, Add	*14.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.50*	
22 11 16 00-0451	EA	1-1/2" 45 Degree Copper Elbow	58.63	35.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.96*	
		For Street Fitting, Add	*2.22*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.24*	
22 11 16 00-0452	EA	2" 45 Degree Copper Elbow	68.73	39.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.92*	
		For Work In Restricted Working Space, Add	*17.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0453	EA	2-1/2" 45 Degree Copper Elbow	79.98	40.43
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.10*	
		For Work In Restricted Working Space, Add	*18.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.06*	
22 11 16 00-0454	EA	3" 45 Degree Copper Elbow	101.12	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.30*	
22 11 16 00-0455	EA	4" 45 Degree Copper Elbow	163.93	68.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.41*	
		For Work In Restricted Working Space, Add	*30.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.47*	
22 11 16 00-0456	EA	5" 45 Degree Copper Elbow	377.56	93.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.10*	
		For Work In Restricted Working Space, Add	*42.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*32.94*	
22 11 16 00-0457	EA	6" 45 Degree Copper Elbow	578.01	136.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.70*	
		For Work In Restricted Working Space, Add	*61.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*49.37*	
22 11 16 00-0458	EA	8" 45 Degree Copper Elbow	1,541.49	182.02
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-90.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*40.94*	
		For Work In Restricted Working Space, Add	*81.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*104.36*	

22 11 16 00-0459 Straight Copper And Brass Tees *(22 11 16 00-0413)*

22 11 16 00-0460	EA	1/4" Straight Copper Tee	30.05	18.30
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.12*	
		For Work In Restricted Working Space, Add	*8.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.25*	
22 11 16 00-0461	EA	3/8" Straight Copper Tee	35.03	21.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.05*	
22 11 16 00-0462	EA	1/2" Straight Copper Tee	46.48	30.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.86*	
		For Work In Restricted Working Space, Add	*13.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.90*	
22 11 16 00-0463	EA	3/4" Straight Copper Tee	58.48	37.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.51*	
		For Work In Restricted Working Space, Add	*17.02*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.60*	
22 11 16 00-0464	EA	1" Straight Copper Tee	72.98	45.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.16*	
		For Work In Restricted Working Space, Add	*20.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.42*	
22 11 16 00-0465	EA	1-1/4" Straight Copper Tee	80.54	48.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.98*	
		For Work In Restricted Working Space, Add	*21.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.35*	
22 11 16 00-0466	EA	1-1/2" Straight Copper Tee	90.70	53.08
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.94*	
		For Work In Restricted Working Space, Add	*23.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.50*	
22 11 16 00-0467	EA	2" Straight Copper Tee	107.31	59.85
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.45*	
		For Work In Restricted Working Space, Add	*26.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.33*	
22 11 16 00-0468	EA	2-1/2" Straight Copper Tee	125.84	60.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.64*	
		For Work In Restricted Working Space, Add	*27.29*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.39*	
22 11 16 00-0469	EA	3" Straight Copper Tee	162.80	73.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.43*	
		For Work In Restricted Working Space, Add	*32.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.09*	
22 11 16 00-0470	EA	4" Straight Copper Tee	282.28	102.26
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.99*	
		For Work In Restricted Working Space, Add	*45.99*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0471	EA	5" Straight Copper Tee	631.40	139.91
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-42.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*31.46*	
		For Work In Restricted Working Space, Add	*62.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*52.54*	
22 11 16 00-0472	EA	6" Straight Copper Tee	883.83	205.10
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-59.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*46.11*	
		For Work In Restricted Working Space, Add	*92.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*74.93*	
22 11 16 00-0473	EA	8" Straight Copper Tee	2,632.79	273.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-152.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*61.40*	
		For Work In Restricted Working Space, Add	*122.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*172.58*	
22 11 16 00-0474	EA	1/2" Cast Bronze Drop Ear Tee	50.26	30.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.86*	
		For Work In Restricted Working Space, Add	*13.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.09*	

22 11 16 00-0475 Reducing Copper Tees *(22 11 16 00-0413)*

22 11 16 00-0476	EA	3/8" Reducing Copper Tee	33.43	19.49
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.39*	
		For Work In Restricted Working Space, Add	*8.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.60*	
22 11 16 00-0477	EA	1/2" Reducing Copper Tee	44.82	27.45
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.35*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.36*	
22 11 16 00-0478	EA	3/4" Reducing Copper Tee	54.94	35.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.96*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.06*	
22 11 16 00-0479	EA	1" Reducing Copper Tee	69.95	42.74
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.61*	
		For Work In Restricted Working Space, Add	*19.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.90*	
22 11 16 00-0480	EA	1-1/4" Reducing Copper Tee	78.50	46.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.43*	
		For Work In Restricted Working Space, Add	*20.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.88*	
22 11 16 00-0481	EA	1-1/2" Reducing Copper Tee	88.60	50.69
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.39*	
		For Work In Restricted Working Space, Add	*22.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.03*	
22 11 16 00-0482	EA	2" Reducing Copper Tee	103.39	56.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.77*	
		For Work In Restricted Working Space, Add	*25.53*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.68*	
22 11 16 00-0483	EA	2-1/2" Reducing Copper Tee	125.81	58.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.14*	
		For Work In Restricted Working Space, Add	*26.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.05*	
22 11 16 00-0484	EA	3" Reducing Copper Tee	163.84	67.38
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.16*	
		For Work In Restricted Working Space, Add	*30.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.30*	
22 11 16 00-0485	EA	4" Reducing Copper Tee	256.77	83.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.70*	
		For Work In Restricted Working Space, Add	*37.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*25.30*	

22 11 16 00-0486 Copper Couplings *(22 11 16 00-0413)*

22 11 16 00-0487	EA	1/4" Copper Coupling	18.55	12.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.76*	
22 11 16 00-0488	EA	3/8" Copper Coupling	22.29	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0489	EA	1/2" Copper Coupling	30.47	20.13
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.53*	
		For Work In Restricted Working Space, Add	*9.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.54*	
22 11 16 00-0490	EA	3/4" Copper Coupling	38.07	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.65*	
22 11 16 00-0491	EA	1" Copper Coupling	45.94	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.78*	
22 11 16 00-0492	EA	1-1/4" Copper Coupling	50.44	32.39
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.28*	
		For Work In Restricted Working Space, Add	*14.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.37*	
22 11 16 00-0493	EA	1-1/2" Copper Coupling	55.65	35.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.96*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.09*	
22 11 16 00-0494	EA	2" Copper Coupling	63.75	39.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.92*	
		For Work In Restricted Working Space, Add	*17.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.14*	
22 11 16 00-0495	EA	2-1/2" Copper Coupling	66.05	38.24
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.59*	
		For Work In Restricted Working Space, Add	*17.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.03*	
22 11 16 00-0496	EA	3" Copper Coupling	81.01	46.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.96*	
22 11 16 00-0497	EA	4" Copper Coupling	118.96	62.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.90*	
		For Work In Restricted Working Space, Add	*27.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.21*	
22 11 16 00-0498	EA	5" Copper Coupling	181.17	113.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.95*	
		For Work In Restricted Working Space, Add	*37.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.69*	
22 11 16 00-0499	EA	6" Copper Coupling	275.93	123.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*27.80*	
		For Work In Restricted Working Space, Add	*55.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*32.33*	
22 11 16 00-0500	EA	8" Copper Coupling	539.68	163.83
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*36.89*	
		For Work In Restricted Working Space, Add	*73.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*51.58*	

22 11 16 00-0501 Reducing Copper Couplings *(22 11 16 00-0413)*

22 11 16 00-0502	EA	3/8" Reducing Copper Coupling	18.84	12.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.77*	
22 11 16 00-0503	EA	1/2" Reducing Copper Coupling	26.65	17.38
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.91*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.94*	
22 11 16 00-0504	EA	3/4" Reducing Copper Coupling	34.83	22.61
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.43*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.08*	
		For Work In Restricted Working Space, Add	*10.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.13*	
22 11 16 00-0505	EA	1" Reducing Copper Coupling	42.95	27.45
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.35*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.27*	
22 11 16 00-0506	EA	1-1/4" Reducing Copper Coupling	49.14	31.12
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.00*	
		For Work In Restricted Working Space, Add	*14.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0507	EA	1-1/2" Reducing Copper Coupling	54.87	33.85
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.62*	
		For Work In Restricted Working Space, Add	*15.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.82*	
22 11 16 00-0508	EA	2" Reducing Copper Coupling	62.61	37.51
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.44*	
		For Work In Restricted Working Space, Add	*16.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.76*	
22 11 16 00-0509	EA	2-1/2" Reducing Copper Coupling	70.72	38.50
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.31*	
22 11 16 00-0510	EA	3" Reducing Copper Coupling	82.63	44.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.98*	
		For Work In Restricted Working Space, Add	*19.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.79*	
22 11 16 00-0511	EA	4" Reducing Copper Coupling	119.55	58.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.14*	
		For Work In Restricted Working Space, Add	*26.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.74*	
22 11 16 00-0512	EA	5" Reducing Copper Coupling	247.07	81.45
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.32*	
		For Work In Restricted Working Space, Add	*36.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.57*	
22 11 16 00-0513	EA	6" Reducing Copper Coupling	357.72	109.50
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-26.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.64*	
		For Work In Restricted Working Space, Add	*49.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.31*	
22 11 16 00-0514	EA	8" Reducing Copper Coupling	649.37	159.55
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-44.43*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*35.88*	
		For Work In Restricted Working Space, Add	*71.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*56.39*	

22 11 16 00-0515 Male Copper Adapters *(22 11 16 00-0413)*

22 11 16 00-0516	EA	1/4" Male Copper Adapter	22.69	11.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.96*	
22 11 16 00-0517	EA	3/8" Male Copper Adapter	24.15	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.40*	
22 11 16 00-0518	EA	1/2" Male Copper Adapter	28.34	18.30
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.12*	
		For Work In Restricted Working Space, Add	*8.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.16*	
22 11 16 00-0519	EA	3/4" Male Copper Adapter	35.35	22.88
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.08*	
		For Work In Restricted Working Space, Add	*10.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.15*	
22 11 16 00-0520	EA	1" Male Copper Adapter	43.17	26.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.90*	
		For Work In Restricted Working Space, Add	*11.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.09*	
22 11 16 00-0521	EA	1-1/4" Male Copper Adapter	51.31	30.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.86*	
		For Work In Restricted Working Space, Add	*13.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.14*	
22 11 16 00-0522	EA	1-1/2" Male Copper Adapter	58.66	34.77
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.82*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.15*	
22 11 16 00-0523	EA	2" Male Copper Adapter	77.81	44.38
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.02*	
		For Work In Restricted Working Space, Add	*20.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.57*	
22 11 16 00-0524	EA	2-1/2" Male Copper Adapter	121.03	57.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.90*	
		For Work In Restricted Working Space, Add	*25.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0525	EA	3" Male Copper Adapter	160.90	76.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.18*	
		For Work In Restricted Working Space, Add	*34.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.50*	
22 11 16 00-0526	EA	4" Male Copper Adapter	235.85	107.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.26*	
		For Work In Restricted Working Space, Add	*48.52*	
		For Silver Solder Instead Of 95/5 Solder, Add	*27.96*	

22 11 16 00-0527 Female Copper Adapters *(22 11 16 00-0413)*

22 11 16 00-0528	EA	1/4" Female Copper Adapter	21.10	11.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.75*	
		For Work In Restricted Working Space, Add	*5.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.89*	
22 11 16 00-0529	EA	3/8" Female Copper Adapter	24.89	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.44*	
22 11 16 00-0530	EA	1/2" Female Copper Adapter	28.87	18.30
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.12*	
		For Work In Restricted Working Space, Add	*8.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.19*	
22 11 16 00-0531	EA	3/4" Female Copper Adapter	35.79	22.88
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.08*	
		For Work In Restricted Working Space, Add	*10.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.17*	
22 11 16 00-0532	EA	1" Female Copper Adapter	43.78	26.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.90*	
		For Work In Restricted Working Space, Add	*11.81*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.12*	
22 11 16 00-0533	EA	1-1/4" Female Copper Adapter	52.25	30.20
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.86*	
		For Work In Restricted Working Space, Add	*13.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.19*	
22 11 16 00-0534	EA	1-1/2" Female Copper Adapter	62.34	34.77
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.82*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.33*	
22 11 16 00-0535	EA	2" Female Copper Adapter	80.61	44.38
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.02*	
		For Work In Restricted Working Space, Add	*20.04*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.71*	
22 11 16 00-0536	EA	2-1/2" Female Copper Adapter	128.58	53.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.88*	
		For Work In Restricted Working Space, Add	*23.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.35*	
22 11 16 00-0537	EA	3" Female Copper Adapter	197.77	76.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.18*	
		For Work In Restricted Working Space, Add	*34.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*21.34*	

22 11 16 00-0538 Wrot Copper, Solder Union *(22 11 16 00-0413)*

22 11 16 00-0539	EA	1/4" Wrot Copper, Solder Union	27.48	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.57*	
22 11 16 00-0540	EA	3/8" Wrot Copper, Solder Union	32.23	17.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.98*	
		For Work In Restricted Working Space, Add	*7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.27*	
22 11 16 00-0541	EA	1/2" Wrot Copper, Solder Union	36.46	21.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.12*	
22 11 16 00-0542	EA	3/4" Wrot Copper, Solder Union	41.84	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0543	EA	1" Wrot Copper, Solder Union	52.27	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.10*	
22 11 16 00-0544	EA	1-1/4" Wrot Copper, Solder Union	60.18	32.94
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.41*	
		For Work In Restricted Working Space, Add	*14.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.95*	
22 11 16 00-0545	EA	1-1/2" Wrot Copper, Solder Union	70.08	36.60
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.24*	
		For Work In Restricted Working Space, Add	*16.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.99*	
22 11 16 00-0546	EA	2" Wrot Copper, Solder Union	91.75	43.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.88*	
		For Work In Restricted Working Space, Add	*19.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.18*	
22 11 16 00-0547	EA	2-1/2" Wrot Copper, Solder Union	142.98	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.39*	
22 11 16 00-0548	EA	3" Wrot Copper, Solder Union	285.33	68.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.41*	
		For Work In Restricted Working Space, Add	*30.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.54*	

22 11 16 00-0549 Cast Bronze, Solder Union *(22 11 16 00-0413)*

22 11 16 00-0550	EA	1/4" Cast Bronze, Solder Union	29.52	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.67*	
22 11 16 00-0551	EA	3/8" Cast Bronze, Solder Union	34.15	17.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.98*	
		For Work In Restricted Working Space, Add	*7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.36*	
22 11 16 00-0552	EA	1/2" Cast Bronze, Solder Union	36.99	21.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.14*	
22 11 16 00-0553	EA	3/4" Cast Bronze, Solder Union	42.59	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.88*	
22 11 16 00-0554	EA	1" Cast Bronze, Solder Union	53.59	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.16*	
22 11 16 00-0555	EA	1-1/4" Cast Bronze, Solder Union	63.77	32.94
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.41*	
		For Work In Restricted Working Space, Add	*14.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.13*	
22 11 16 00-0556	EA	1-1/2" Cast Bronze, Solder Union	73.82	36.60
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.24*	
		For Work In Restricted Working Space, Add	*16.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.18*	
22 11 16 00-0557	EA	2" Cast Bronze, Solder Union	98.13	43.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.88*	
		For Work In Restricted Working Space, Add	*19.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.49*	
22 11 16 00-0558	EA	2-1/2" Cast Bronze, Solder Union	142.98	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.39*	
22 11 16 00-0559	EA	3" Cast Bronze, Solder Union	285.33	68.56
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.41*	
		For Work In Restricted Working Space, Add	*30.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.54*	

22 11 16 00-0560 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0413)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0561	EA	1/4" Cast Bronze, Solder X Female Threaded Union	32.27	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.81*	
22 11 16 00-0562	EA	3/8" Cast Bronze, Solder X Female Threaded Union	37.21	17.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.98*	
		For Work In Restricted Working Space, Add	*7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.51*	
22 11 16 00-0563	EA	1/2" Cast Bronze, Solder X Female Threaded Union	41.41	21.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.36*	
22 11 16 00-0564	EA	3/4" Cast Bronze, Solder X Female Threaded Union	49.06	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.20*	
22 11 16 00-0565	EA	1" Cast Bronze, Solder X Female Threaded Union	68.86	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.93*	
22 11 16 00-0566	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	94.19	32.94
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.41*	
		For Work In Restricted Working Space, Add	*14.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.65*	
22 11 16 00-0567	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	111.62	36.60
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.24*	
		For Work In Restricted Working Space, Add	*16.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.07*	
22 11 16 00-0568	EA	2" Cast Bronze, Solder X Female Threaded Union	161.89	43.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.88*	
		For Work In Restricted Working Space, Add	*19.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.68*	
22 11 16 00-0569	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	254.44	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.97*	

22 11 16 00-0570 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0413)*

22 11 16 00-0571	EA	1/4" Cast Bronze, Solder X Male Threaded Union	29.81	14.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.29*	
		For Work In Restricted Working Space, Add	*6.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.69*	
22 11 16 00-0572	EA	3/8" Cast Bronze, Solder X Male Threaded Union	35.71	17.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.98*	
		For Work In Restricted Working Space, Add	*7.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.44*	
22 11 16 00-0573	EA	1/2" Cast Bronze, Solder X Male Threaded Union	39.63	21.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.94*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.28*	
22 11 16 00-0574	EA	3/4" Cast Bronze, Solder X Male Threaded Union	47.55	25.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.13*	
22 11 16 00-0575	EA	1" Cast Bronze, Solder X Male Threaded Union	69.56	29.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.73*	
		For Work In Restricted Working Space, Add	*13.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.96*	
22 11 16 00-0576	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	80.08	32.94
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.41*	
		For Work In Restricted Working Space, Add	*14.83*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.95*	
22 11 16 00-0577	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	87.10	36.60
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.24*	
		For Work In Restricted Working Space, Add	*16.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.85*	
22 11 16 00-0578	EA	2" Cast Bronze, Solder X Male Threaded Union	115.35	43.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.88*	
		For Work In Restricted Working Space, Add	*19.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0579	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	217.39	48.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.86*	
		For Work In Restricted Working Space, Add	*21.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.11*	
22 11 16 00-0580		**Copper Caps** *(22 11 16 00-0413)*		
22 11 16 00-0581	EA	1/4" Copper Cap	3.81	2.31
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.51*	
		For Work In Restricted Working Space, Add	*1.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.53*	
22 11 16 00-0582	EA	3/8" Copper Cap	4.26	2.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.55*	
		For Work In Restricted Working Space, Add	*1.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.58*	
22 11 16 00-0583	EA	1/2" Copper Cap	4.20	2.63
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.58*	
		For Work In Restricted Working Space, Add	*1.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.60*	
22 11 16 00-0584	EA	3/4" Copper Cap	5.45	3.29
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.73*	
		For Work In Restricted Working Space, Add	*1.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.76*	
22 11 16 00-0585	EA	1" Copper Cap	7.54	4.16
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.93*	
		For Work In Restricted Working Space, Add	*1.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.00*	
22 11 16 00-0586	EA	1-1/4" Copper Cap	10.28	5.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.27*	
		For Work In Restricted Working Space, Add	*2.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.36*	
22 11 16 00-0587	EA	1-1/2" Copper Cap	12.60	6.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.49*	
		For Work In Restricted Working Space, Add	*2.99*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.63*	
22 11 16 00-0588	EA	2" Copper Cap	27.05	14.95
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.32*	
		For Work In Restricted Working Space, Add	*6.65*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.57*	
22 11 16 00-0589	EA	2-1/2" Copper Cap	48.36	22.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.06*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.79*	
22 11 16 00-0590	EA	3" Copper Cap	65.22	29.85
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.63*	
		For Work In Restricted Working Space, Add	*13.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.68*	
22 11 16 00-0591	EA	4" Copper Cap	92.29	35.54
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.90*	
		For Work In Restricted Working Space, Add	*15.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.88*	
22 11 16 00-0592	EA	5" Cast Bronze Cap	351.73	48.77
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.97*	
		For Work In Restricted Working Space, Add	*21.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.90*	
22 11 16 00-0593	EA	6" Cast Bronze Cap	648.69	63.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.04*	
		For Work In Restricted Working Space, Add	*28.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*41.79*	
22 11 16 00-0594	EA	8" Cast Bronze Cap	839.28	90.96
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-48.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.21*	
		For Work In Restricted Working Space, Add	*40.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*55.44*	
22 11 16 00-0595		**Copper Crosses** *(22 11 16 00-0413)*		
22 11 16 00-0596	EA	1/2" Copper Cross	60.47	37.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.34*	
		For Work In Restricted Working Space, Add	*16.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0597	EA	3/4" Copper Cross	78.54	46.08
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.83*	
22 11 16 00-0598	EA	1" Copper Cross	98.66	55.00
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.38*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.19*	
22 11 16 00-0599	EA	1-1/4" Copper Cross	112.43	59.55
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.39*	
		For Work In Restricted Working Space, Add	*26.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.55*	
22 11 16 00-0600	EA	1-1/2" Copper Cross	130.70	65.11
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.66*	
		For Work In Restricted Working Space, Add	*29.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.31*	
22 11 16 00-0601	EA	2" Copper Cross	171.83	73.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.43*	
		For Work In Restricted Working Space, Add	*32.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.54*	
22 11 16 00-0602	EA	2-1/2" Copper Cross	264.96	80.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.19*	
		For Work In Restricted Working Space, Add	*36.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*25.38*	

22 11 16 00-0603 Cast Bronze Crosses *(22 11 16 00-0413)*

22 11 16 00-0604	EA	3/8" Cast Bronze Cross	46.93	26.95
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.06*	
		For Work In Restricted Working Space, Add	*12.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.39*	
22 11 16 00-0605	EA	1/2" Cast Bronze Cross	61.44	37.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.34*	
		For Work In Restricted Working Space, Add	*16.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.63*	
22 11 16 00-0606	EA	3/4" Cast Bronze Cross	80.44	46.08
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.72*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.93*	
22 11 16 00-0607	EA	1" Cast Bronze Cross	101.87	55.00
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.38*	
		For Work In Restricted Working Space, Add	*24.77*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.35*	
22 11 16 00-0608	EA	1-1/4" Cast Bronze Cross	117.06	59.55
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.39*	
		For Work In Restricted Working Space, Add	*26.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.78*	
22 11 16 00-0609	EA	1-1/2" Cast Bronze Cross	137.30	65.11
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.66*	
		For Work In Restricted Working Space, Add	*29.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.64*	
22 11 16 00-0610	EA	2" Cast Bronze Cross	184.29	73.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.43*	
		For Work In Restricted Working Space, Add	*32.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.16*	
22 11 16 00-0611	EA	2-1/2" Cast Bronze Cross	293.70	80.86
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.19*	
		For Work In Restricted Working Space, Add	*36.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*26.81*	

22 11 16 00-0612 Flexible Corrugated Copper Supply Line *(22 11 16 00-0413)*

22 11 16 00-0613	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	50.60	25.07
22 11 16 00-0614	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	52.18	25.07
22 11 16 00-0615	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	47.77	25.07
22 11 16 00-0616	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	49.55	25.07
22 11 16 00-0617	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	51.13	25.07
22 11 16 00-0618	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	52.18	25.07

22 11 16 00-0619 Crimped Copper Fittings *(22 11 16 00-0345)*

Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0620 Crimped Copper 90 Degree Elbows *(22 11 16 00-0619)*

22 11 16 00-0621	EA	1/2" Crimped Copper 90 Degree Elbow	17.09	10.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0622	EA	3/4" Crimped Copper 90 Degree Elbow	19.81	12.54
22 11 16 00-0623	EA	1" Crimped Copper 90 Degree Elbow	24.52	14.92
22 11 16 00-0624	EA	1-1/4" Crimped Copper 90 Degree Elbow	28.97	16.47
22 11 16 00-0625	EA	1-1/2" Crimped Copper 90 Degree Elbow	35.52	18.30
22 11 16 00-0626	EA	2" Crimped Copper 90 Degree Elbow	44.16	21.96
22 11 16 00-0627	EA	2-1/2" Crimped Copper 90 Degree Elbow	71.02	25.62
22 11 16 00-0628	EA	3" Crimped Copper 90 Degree Elbow	86.76	30.47
22 11 16 00-0629	EA	4" Crimped Copper 90 Degree Elbow	111.12	40.26
22 11 16 00-0630		Crimped Copper 45 Degree Elbows *(22 11 16 00-0619)*		
22 11 16 00-0631	EA	1/2" Crimped Copper 45 Degree Elbow	17.19	10.98
22 11 16 00-0632	EA	3/4" Crimped Copper 45 Degree Elbow	19.65	12.54
22 11 16 00-0633	EA	1" Crimped Copper 45 Degree Elbow	25.27	14.92
22 11 16 00-0634	EA	1-1/4" Crimped Copper 45 Degree Elbow	28.81	16.47
22 11 16 00-0635	EA	1-1/2" Crimped Copper 45 Degree Elbow	34.10	18.30
22 11 16 00-0636	EA	2" Crimped Copper 45 Degree Elbow	42.24	21.96
22 11 16 00-0637	EA	2-1/2" Crimped Copper 45 Degree Elbow	59.96	25.62
22 11 16 00-0638	EA	3" Crimped Copper 45 Degree Elbow	76.51	30.47
22 11 16 00-0639	EA	4" Crimped Copper 45 Degree Elbow	103.11	40.26
22 11 16 00-0640		Crimped Copper Straight Tees *(22 11 16 00-0619)*		
22 11 16 00-0641	EA	1/2" Crimped Copper Straight Tee	25.66	16.47
22 11 16 00-0642	EA	3/4" Crimped Copper Straight Tee	34.16	21.69
22 11 16 00-0643	EA	1" Crimped Copper Straight Tee	39.17	24.06
22 11 16 00-0644	EA	1-1/4" Crimped Copper Straight Tee	42.17	24.71
22 11 16 00-0645	EA	1-1/2" Crimped Copper Straight Tee	52.03	28.09
22 11 16 00-0646	EA	2" Crimped Copper Straight Tee	61.70	32.94
22 11 16 00-0647	EA	2-1/2" Crimped Copper Straight Tee	97.92	38.43
22 11 16 00-0648	EA	3" Crimped Copper Straight Tee	118.97	45.75
22 11 16 00-0649	EA	4" Crimped Copper Straight Tee	161.22	60.39
22 11 16 00-0650		Crimped Copper Reducing Tees *(22 11 16 00-0619)*		
22 11 16 00-0651	EA	3/4" Crimped Copper Reducing Tee	26.11	15.64
22 11 16 00-0652	EA	1" Crimped Copper Reducing Tee	35.43	20.59
22 11 16 00-0653	EA	1-1/4" Crimped Copper Reducing Tee	39.00	22.88
22 11 16 00-0654	EA	1-1/2" Crimped Copper Reducing Tee	44.05	23.52
22 11 16 00-0655	EA	2" Crimped Copper Reducing Tee	51.15	26.63
22 11 16 00-0656	EA	2-1/2" Crimped Copper Reducing Tee	93.05	30.20
22 11 16 00-0657	EA	3" Crimped Copper Reducing Tee	112.81	36.60
22 11 16 00-0658	EA	4" Crimped Copper Reducing Tee	139.10	48.77
22 11 16 00-0659		Crimped Copper Couplings *(22 11 16 00-0619)*		
22 11 16 00-0660	EA	1/2" Crimped Copper Coupling	17.03	10.98
22 11 16 00-0661	EA	3/4" Crimped Copper Coupling	19.61	12.54
22 11 16 00-0662	EA	1" Crimped Copper Coupling	24.13	14.92
22 11 16 00-0663	EA	1-1/4" Crimped Copper Coupling	26.84	16.47
22 11 16 00-0664	EA	1-1/2" Crimped Copper Coupling	31.42	18.30
22 11 16 00-0665	EA	2" Crimped Copper Coupling	38.01	21.96
22 11 16 00-0666	EA	2-1/2" Crimped Copper Coupling	54.66	25.62
22 11 16 00-0667	EA	3" Crimped Copper Coupling	66.42	30.47
22 11 16 00-0668	EA	4" Crimped Copper Coupling	89.10	40.26
22 11 16 00-0669		Crimped Copper Reducing Couplings *(22 11 16 00-0619)*		
22 11 16 00-0670	EA	3/4" Crimped Copper Reducing Coupling	18.19	10.43
22 11 16 00-0671	EA	1" Crimped Copper Reducing Coupling	20.77	11.89
22 11 16 00-0672	EA	1-1/4" Crimped Copper Reducing Coupling	25.57	14.18
22 11 16 00-0673	EA	1-1/2" Crimped Copper Reducing Coupling	29.77	15.64
22 11 16 00-0674	EA	2" Crimped Copper Reducing Coupling	33.12	17.38
22 11 16 00-0675	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	50.30	20.77
22 11 16 00-0676	EA	3" Crimped Copper FTG x C Reducing Coupling	61.06	24.44
22 11 16 00-0677	EA	4" Crimped Copper FTG x C Reducing Coupling	80.06	32.30
22 11 16 00-0678		Crimped Copper Male Adapters *(22 11 16 00-0619)*		
22 11 16 00-0679	EA	1/2" Crimped Copper Male Adapter	17.15	10.98
22 11 16 00-0680	EA	3/4" Crimped Copper Male Adapter	20.00	12.54
22 11 16 00-0681	EA	1" Crimped Copper Male Adapter	24.69	14.92
22 11 16 00-0682	EA	1-1/4" Crimped Copper Male Adapter	29.70	16.47
22 11 16 00-0683	EA	1-1/2" Crimped Copper Male Adapter	34.45	18.30
22 11 16 00-0684	EA	2" Crimped Copper Male Adapter	46.42	21.96
22 11 16 00-0685	EA	2-1/2" Crimped Copper Male Adapter	71.02	25.62
22 11 16 00-0686	EA	3" Crimped Copper Male Adapter	86.76	30.47
22 11 16 00-0687	EA	4" Crimped Copper Male Adapter	107.86	40.26
22 11 16 00-0688		Crimped Copper Female Adapters *(22 11 16 00-0619)*		
22 11 16 00-0689	EA	1/2" Crimped Copper Female Adapter	17.30	10.98
22 11 16 00-0690	EA	3/4" Crimped Copper Female Adapter	20.11	12.54
22 11 16 00-0691	EA	1" Crimped Copper Female Adapter	24.89	14.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0692	EA	1-1/4" Crimped Copper Female Adapter	30.32	16.47
22 11 16 00-0693	EA	1-1/2" Crimped Copper Female Adapter	35.61	18.30
22 11 16 00-0694	EA	2" Crimped Copper Female Adapter	46.79	21.96

22 11 16 00-0695 Crimped Copper Caps *(22 11 16 00-0619)*

22 11 16 00-0696	EA	1/2" Crimped Copper Cap	9.44	5.49
22 11 16 00-0697	EA	3/4" Crimped Copper Cap	11.64	6.41
22 11 16 00-0698	EA	1" Crimped Copper Cap	14.11	7.32
22 11 16 00-0699	EA	1-1/4" Crimped Copper Cap	15.89	8.24
22 11 16 00-0700	EA	1-1/2" Crimped Copper Cap	19.67	9.43
22 11 16 00-0701	EA	2" Crimped Copper Cap	23.14	10.98
22 11 16 00-0702	EA	2-1/2" Crimped Copper Cap	40.53	12.81
22 11 16 00-0703	EA	3" Crimped Copper Cap	49.85	15.28
22 11 16 00-0704	EA	4" Crimped Copper Cap	66.14	20.13

22 11 16 00-0705 C x F NPT Crimped Bronze Unions *(22 11 16 00-0619)*

22 11 16 00-0706	EA	1/2" C x F NPT Crimped Bronze Union	25.93	14.92
22 11 16 00-0707	EA	3/4" C x F NPT Crimped Bronze Union	32.06	18.39
22 11 16 00-0708	EA	1" C x F NPT Crimped Bronze Union	40.54	22.05
22 11 16 00-0709	EA	1-1/4" C x F NPT Crimped Bronze Union	47.73	25.44
22 11 16 00-0710	EA	1-1/2" C x F NPT Crimped Bronze Union	52.24	24.89
22 11 16 00-0711	EA	2" C x F NPT Crimped Bronze Union	73.73	36.06

22 11 16 00-0712 C x C Crimped Bronze Unions *(22 11 16 00-0619)*

22 11 16 00-0713	EA	1/2" C x C Bronze Crimped Union	20.86	10.98
22 11 16 00-0714	EA	3/4" C x C Bronze Crimped Union	24.51	12.54
22 11 16 00-0715	EA	1" C x C Bronze Crimped Union	31.60	14.92
22 11 16 00-0716	EA	1-1/4" C x C Bronze Crimped Union	37.83	16.47
22 11 16 00-0717	EA	1-1/2" C x C Bronze Crimped Union	45.27	18.30
22 11 16 00-0718	EA	2" C x C Bronze Crimped Union	62.05	21.96

22 11 16 00-0719 C x Flange Crimped Bronze Flange *(22 11 16 00-0619)*

22 11 16 00-0720	EA	2-1/2" C x Flange Crimped Bronze Flange	100.75	25.62
22 11 16 00-0721	EA	3" C x Flange Crimped Bronze Flange	112.83	30.47
22 11 16 00-0722	EA	4" C x Flange Crimped Bronze Flange	135.48	40.26

22 11 16 00-0723 Field Installed FKM Seals *(22 11 16 00-0619)*

Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.

22 11 16 00-0724	EA	1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	4.46	
22 11 16 00-0725	EA	3/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	5.35	
22 11 16 00-0726	EA	1" Field Installed FKM Seal Note: To be used in conjunction with fittings.	6.11	
22 11 16 00-0727	EA	1-1/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	6.93	
22 11 16 00-0728	EA	1-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	8.50	
22 11 16 00-0729	EA	2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	9.73	
22 11 16 00-0730	EA	2-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	12.45	
22 11 16 00-0731	EA	3" Field Installed FKM Seal Note: To be used in conjunction with fittings.	14.61	
22 11 16 00-0732	EA	4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	19.53	

22 11 16 00-0733 Cut And Prepare Existing In-Place Copper Pipe *(22 11 16 00-0345)*

22 11 16 00-0734	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	9.15	
22 11 16 00-0735	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	9.88	
22 11 16 00-0736	EA	1", Cut And Prepare Existing In Place Copper Pipe	11.12	
22 11 16 00-0737	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	11.67	
22 11 16 00-0738	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	12.35	
22 11 16 00-0739	EA	2", Cut And Prepare Existing In Place Copper Pipe	13.59	
22 11 16 00-0740	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	14.64	
22 11 16 00-0741	EA	3", Cut And Prepare Existing In Place Copper Pipe	17.29	
22 11 16 00-0742	EA	4", Cut And Prepare Existing In Place Copper Pipe	23.33	
22 11 16 00-0743	EA	6", Cut And Prepare Existing In Place Copper Pipe	33.35	
22 11 16 00-0744	EA	8", Cut And Prepare Existing In Place Copper Pipe	44.48	

22 11 16 00-0745 Sweat Brass Companion Flanges *(22 11 16 00-0345)*

22 11 16 00-0746	EA	1" Sweat Brass Companion Flange	34.52	14.07
22 11 16 00-0747	EA	1-1/4" Sweat Brass Companion Flange	37.77	15.50
22 11 16 00-0748	EA	1-1/2" Sweat Brass Companion Flange	49.63	16.85
22 11 16 00-0749	EA	2" Sweat Brass Companion Flange	63.20	18.70
22 11 16 00-0750	EA	2-1/2" Sweat Brass Companion Flange	78.92	22.48
22 11 16 00-0751	EA	3" Sweat Brass Companion Flange	91.02	29.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0752	EA	4" Sweat Brass Companion Flange	117.95	35.13
22 11 16 00-0753	EA	5" Sweat Brass Companion Flange	221.91	41.43
22 11 16 00-0754	EA	6" Sweat Brass Companion Flange	272.17	60.21
22 11 16 00-0755	EA	8" Copper Companion Flange	556.40	85.87
22 11 16 00-0756		Brass Compression Fittings *(22 11 16 00-0345)*		
22 11 16 00-0757		Brass Compression Unions *(22 11 16 00-0756)*		
22 11 16 00-0758	EA	1/4" Brass Compression Union	15.54	9.88
22 11 16 00-0759	EA	3/8" Brass Compression Union	15.74	9.88
22 11 16 00-0760	EA	1/2" Brass Compression Union	16.35	9.88
22 11 16 00-0761	EA	5/8" Brass Compression Union	16.64	9.88
22 11 16 00-0762	EA	3/4" Brass Compression Union	19.04	9.88
22 11 16 00-0763	EA	3/8" x 1/4" Brass Compression Union	15.88	9.88
22 11 16 00-0764	EA	1/2" x 3/8" Brass Compression Union	16.40	9.88
22 11 16 00-0765	EA	5/8" x 3/8" Brass Compression Union	16.76	9.88
22 11 16 00-0766	EA	5/8" x 1/2" Brass Compression Union	17.34	9.88
22 11 16 00-0767		Brass Compression Union Elbows *(22 11 16 00-0756)*		
22 11 16 00-0768	EA	1/4" Brass Compression Union Elbow	16.35	9.88
22 11 16 00-0769	EA	3/8" Brass Compression Union Elbow	16.68	9.88
22 11 16 00-0770	EA	1/2" Brass Compression Union Elbow	17.40	9.88
22 11 16 00-0771	EA	5/8" Brass Compression Union Elbow	18.52	9.88
22 11 16 00-0772	EA	3/4" Brass Compression Union Elbow	22.88	9.88
22 11 16 00-0773	EA	3/8" x 1/4" Brass Compression Union Elbow	16.68	9.88
22 11 16 00-0774	EA	1/2" x 3/8" Brass Compression Union Elbow	17.40	9.88
22 11 16 00-0775	EA	5/8" x 3/8" Brass Compression Union Elbow	17.60	9.88
22 11 16 00-0776	EA	5/8" x 1/2" Brass Compression Union Elbow	20.88	9.88
22 11 16 00-0777		Brass Compression Union Tees *(22 11 16 00-0756)*		
22 11 16 00-0778	EA	1/4" Brass Compression Union Tee	16.60	9.88
22 11 16 00-0779	EA	3/8" Brass Compression Union Tee	17.28	9.88
22 11 16 00-0780	EA	1/2" Brass Compression Union Tee	18.00	9.88
22 11 16 00-0781	EA	5/8" Brass Compression Union Tee	20.28	9.88
22 11 16 00-0782	EA	3/4" Brass Compression Union Tee	28.16	9.88
22 11 16 00-0783	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	17.76	9.88
22 11 16 00-0784	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	21.46	9.88
22 11 16 00-0785	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	21.10	9.88
22 11 16 00-0786	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	21.52	9.88
22 11 16 00-0787		Brass Compression Male Connectors *(22 11 16 00-0756)*		
22 11 16 00-0788	EA	1/4" Brass Compression Male Connector	15.40	9.88
22 11 16 00-0789	EA	3/8" Brass Compression Male Connector	15.66	9.88
22 11 16 00-0790	EA	1/2" Brass Compression Male Connector	16.12	9.88
22 11 16 00-0791	EA	5/8" Brass Compression Male Connector	16.80	9.88
22 11 16 00-0792	EA	3/4" Brass Compression Male Connector	17.77	9.79
22 11 16 00-0793		Brass Compression Female Connectors *(22 11 16 00-0756)*		
22 11 16 00-0794	EA	1/4" Brass Compression Female Connector	15.69	9.88
22 11 16 00-0795	EA	3/8" Brass Compression Female Connector	16.03	9.88
22 11 16 00-0796	EA	1/2" Brass Compression Female Connector	16.61	9.88
22 11 16 00-0797	EA	5/8" Brass Compression Female Connector	16.97	9.88
22 11 16 00-0798	EA	3/4" Brass Compression Female Connector	20.64	9.70
22 11 16 00-0799		Dielectric Fittings *(22 11 16 00-0345)*		
22 11 16 00-0800		Copper x Female Iron Pipe Thread Dielectric Unions *(22 11 16 00-0799)*		
22 11 16 00-0801	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	38.71	21.96
22 11 16 00-0802	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	43.28	25.07
22 11 16 00-0803	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	51.32	27.55
22 11 16 00-0804	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	61.95	30.32
22 11 16 00-0805	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	74.67	33.70
22 11 16 00-0806	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	94.67	40.43
22 11 16 00-0807		Female Brass Thread x Iron Pipe Thread Dielectric Unions *(22 11 16 00-0799)*		
22 11 16 00-0808	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	42.36	21.96
22 11 16 00-0809	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	49.29	25.07
22 11 16 00-0810	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	59.24	27.55
22 11 16 00-0811	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	72.46	30.32
22 11 16 00-0812	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	87.67	33.70
22 11 16 00-0813	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	109.92	40.43
22 11 16 00-0814		Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions *(22 11 16 00-0799)*		
22 11 16 00-0815	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	40.05	21.96
22 11 16 00-0816	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	45.48	25.07
22 11 16 00-0817	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	51.90	27.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0818	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	59.92	30.32
22 11 16 00-0819	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	72.66	33.70
22 11 16 00-0820	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	93.05	40.43
22 11 16 00-0821		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0799)*		
22 11 16 00-0822	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	230.89	103.94
22 11 16 00-0823	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	289.11	130.89
22 11 16 00-0824	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	407.12	178.14
22 11 16 00-0825		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0799)*		
22 11 16 00-0826	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	232.39	103.94
22 11 16 00-0827	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	301.07	130.89
22 11 16 00-0828	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	545.08	178.14
22 11 16 00-0829		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0830	EA	1/4" x 1/4" Brass Push-Fit Coupling Note: (Sharkbite)	17.90	9.15
22 11 16 00-0831	EA	3/8" x 3/8" Brass Push-Fit Coupling Note: (Sharkbite)	21.52	9.77
22 11 16 00-0832	EA	1/2" x 1/2" Brass Push-Fit Coupling Note: (Sharkbite)	22.69	10.98
22 11 16 00-0833	EA	5/8" x 5/8" Brass Push-Fit Coupling Note: (Sharkbite)	25.70	11.71
22 11 16 00-0834	EA	3/4" x 3/4" Brass Push-Fit Coupling Note: (Sharkbite)	26.45	12.51
22 11 16 00-0835	EA	1" x 1" Brass Push-Fit Coupling Note: (Sharkbite)	36.00	14.94
22 11 16 00-0836	EA	1/2" x 3/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	22.10	10.37
22 11 16 00-0837	EA	3/4" x 5/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	25.29	11.35
22 11 16 00-0838	EA	1" x 3/4" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	36.27	13.72
22 11 16 00-0839	EA	1/4" x 1/4" Brass Push-Fit Elbow Note: (Sharkbite)	18.51	9.15
22 11 16 00-0840	EA	3/8" x 3/8" Brass Push-Fit Elbow Note: (Sharkbite)	24.09	9.77
22 11 16 00-0841	EA	1/2" x 1/2" Brass Push-Fit Elbow Note: (Sharkbite)	23.02	10.98
22 11 16 00-0842	EA	5/8" x 5/8" Brass Push-Fit Elbow Note: (Sharkbite)	27.20	11.71
22 11 16 00-0843	EA	3/4" x 3/4" Brass Push-Fit Elbow Note: (Sharkbite)	26.02	12.51
22 11 16 00-0844	EA	1" x 1" Brass Push-Fit Elbow Note: (Sharkbite)	36.33	14.94
22 11 16 00-0845	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	21.82	10.37
22 11 16 00-0846	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	24.23	11.35
22 11 16 00-0847	EA	1" x 3/4" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	43.64	13.72
22 11 16 00-0848	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee Note: (Sharkbite)	28.02	13.72
22 11 16 00-0849	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee Note: (Sharkbite)	34.26	14.64
22 11 16 00-0850	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee Note: (Sharkbite)	32.74	16.47
22 11 16 00-0851	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee Note: (Sharkbite)	40.17	17.57
22 11 16 00-0852	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	37.99	18.76
22 11 16 00-0853	EA	1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	50.50	22.41
22 11 16 00-0854	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	35.43	15.55
22 11 16 00-0855	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	35.73	15.86
22 11 16 00-0856	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	36.62	18.00
22 11 16 00-0857	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	48.74	21.20
22 11 16 00-0858	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	20.95	10.07
22 11 16 00-0859	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	20.89	10.37
22 11 16 00-0860	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	20.97	10.98
22 11 16 00-0861	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	23.99	12.51
22 11 16 00-0862	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	32.53	14.94
22 11 16 00-0863	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	18.88	10.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0864	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	20.89	10.37
22 11 16 00-0865	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	21.01	10.98
22 11 16 00-0866	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	23.80	12.51
22 11 16 00-0867	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	25.21	12.10
22 11 16 00-0868	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	29.89	13.72
22 11 16 00-0869	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	32.92	14.94
22 11 16 00-0870	EA	1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	28.12	10.98
22 11 16 00-0871	EA	3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	32.73	12.51
22 11 16 00-0872	EA	1" Brass Push-Fit Ball Valve Note: (Sharkbite)	42.53	14.94
22 11 16 00-0873	EA	1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	29.78	10.98
22 11 16 00-0874	EA	3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	35.54	12.51
22 11 16 00-0875	EA	1" Brass Push-Fit Check Valve Note: (Sharkbite)	57.12	14.94

22 11 16 00-0876 Copper Pipe Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0877	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	17.93	2.57
		For Type K Tubing Instead Of Type L, Add	*1.20*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*4.30*	
22 11 16 00-0878	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	20.76	3.29
		For Type K Tubing Instead Of Type L, Add	*1.44*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.19*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.85*	
		For Work In Restricted Working Space, Add	*4.87*	
22 11 16 00-0879	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	22.86	3.93
		For Type K Tubing Instead Of Type L, Add	*1.70*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.99*	
		For Work In Restricted Working Space, Add	*5.10*	
22 11 16 00-0880	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	25.74	4.58
		For Type K Tubing Instead Of Type L, Add	*2.11*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.68*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.17*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-0.81*	
22 11 16 00-0881	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	28.64	5.21
		For Type K Tubing Instead Of Type L, Add	*2.46*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.37*	
		For Work In Restricted Working Space, Add	*5.65*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-0.98*	
22 11 16 00-0882	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	36.22	6.50
		For Type K Tubing Instead Of Type L, Add	*3.40*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.90*	
		For Work In Restricted Working Space, Add	*6.50*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.45*	
22 11 16 00-0883	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	44.24	7.83
		For Type K Tubing Instead Of Type L, Add	*4.59*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.37*	
		For Work In Restricted Working Space, Add	*6.97*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0884	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	53.49	9.10
		For Type K Tubing Instead Of Type L, Add	*5.95*	
		For Type M Tubing Instead Of Type L, Deduct	*-4.41*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.19*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.93*	
		For Work In Restricted Working Space, Add	*7.55*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.83*	
22 11 16 00-0885	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	82.40	12.05
		For Type K Tubing Instead Of Type L, Add	*10.00*	
		For Type M Tubing Instead Of Type L, Deduct	*-7.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.38*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.75*	
		For Work In Restricted Working Space, Add	*9.77*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.99*	
22 11 16 00-0886	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	137.57	15.00
		For Type K Tubing Instead Of Type L, Add	*18.38*	
		For Type M Tubing Instead Of Type L, Deduct	*-13.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.97*	
		For Work In Restricted Working Space, Add	*12.53*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-9.58*	
22 11 16 00-0887	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	178.89	18.11
		For Type K Tubing Instead Of Type L, Add	*24.07*	
		For Type M Tubing Instead Of Type L, Deduct	*-17.22*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.60*	
		For Work In Restricted Working Space, Add	*15.92*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-12.58*	
22 11 16 00-0888	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	347.05	21.65
		For Type K Tubing Instead Of Type L, Add	*51.66*	
		For Type M Tubing Instead Of Type L, Deduct	*-36.37*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.65*	
		For Work In Restricted Working Space, Add	*19.78*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-28.11*	

22 11 16 00-0889 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*
Note: Socket weld.

22 11 16 00-0890 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0889)*

22 11 16 00-0891 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0890)*

22 11 16 00-0892	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	4.47	1.35
		For Work In Restricted Working Space, Add	*1.01*	
22 11 16 00-0893	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	5.04	1.42
		For Work In Restricted Working Space, Add	*1.06*	
22 11 16 00-0894	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.02	1.52
		For Work In Restricted Working Space, Add	*1.14*	
22 11 16 00-0895	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	7.22	1.66
		For Work In Restricted Working Space, Add	*1.25*	
22 11 16 00-0896	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.31	1.83
		For Work In Restricted Working Space, Add	*1.38*	
22 11 16 00-0897	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	10.26	2.05
		For Work In Restricted Working Space, Add	*1.54*	
22 11 16 00-0898	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.69	2.34
		For Work In Restricted Working Space, Add	*1.75*	
22 11 16 00-0899	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	17.38	2.76
		For Work In Restricted Working Space, Add	*2.07*	
22 11 16 00-0900	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.87	3.39
		For Work In Restricted Working Space, Add	*2.55*	
22 11 16 00-0901	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	40.55	4.31
		For Work In Restricted Working Space, Add	*3.24*	
22 11 16 00-0902	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	58.05	5.66
		For Work In Restricted Working Space, Add	*4.25*	

22 11 16 00-0903 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0890)*

22 11 16 00-0904	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	17.73	6.40
		For Work In Restricted Working Space, Add	*4.80*	
22 11 16 00-0905	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	22.90	8.08
		For Work In Restricted Working Space, Add	*6.07*	
22 11 16 00-0906	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	29.59	10.10
		For Work In Restricted Working Space, Add	*7.61*	
22 11 16 00-0907	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	39.84	12.63
		For Work In Restricted Working Space, Add	*9.50*	
22 11 16 00-0908	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	44.26	13.98
		For Work In Restricted Working Space, Add	*10.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0909	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	51.52	13.98
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0910	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	76.87	17.77
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0911	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	87.76	21.06
		For Work In Restricted Working Space, Add	*15.77*	
22 11 16 00-0912	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	123.39	25.86
		For Work In Restricted Working Space, Add	*19.41*	
22 11 16 00-0913	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	155.79	32.85
		For Work In Restricted Working Space, Add	*24.66*	
22 11 16 00-0914	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	287.89	43.13
		For Work In Restricted Working Space, Add	*32.34*	

22 11 16 00-0915 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0890)*

22 11 16 00-0916	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	18.59	6.40
		For Work In Restricted Working Space, Add	*4.80*	
22 11 16 00-0917	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	23.94	8.08
		For Work In Restricted Working Space, Add	*6.07*	
22 11 16 00-0918	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	31.27	10.10
		For Work In Restricted Working Space, Add	*7.61*	
22 11 16 00-0919	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	42.05	12.63
		For Work In Restricted Working Space, Add	*9.50*	
22 11 16 00-0920	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	46.94	13.98
		For Work In Restricted Working Space, Add	*10.51*	
22 11 16 00-0921	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	52.43	15.67
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0922	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	77.45	17.77
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0923	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	87.68	21.06
		For Work In Restricted Working Space, Add	*15.77*	
22 11 16 00-0924	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	112.87	25.86
		For Work In Restricted Working Space, Add	*19.41*	
22 11 16 00-0925	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	175.51	32.85
		For Work In Restricted Working Space, Add	*24.66*	
22 11 16 00-0926	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	301.86	43.13
		For Work In Restricted Working Space, Add	*32.34*	

22 11 16 00-0927 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0890)*

22 11 16 00-0928	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	27.14	9.60
		For Work In Restricted Working Space, Add	*7.20*	
22 11 16 00-0929	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	35.33	12.13
		For Work In Restricted Working Space, Add	*9.10*	
22 11 16 00-0930	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	44.23	15.25
		For Work In Restricted Working Space, Add	*11.42*	
22 11 16 00-0931	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	60.49	19.03
		For Work In Restricted Working Space, Add	*14.25*	
22 11 16 00-0932	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	67.44	21.06
		For Work In Restricted Working Space, Add	*15.77*	
22 11 16 00-0933	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	80.82	23.42
		For Work In Restricted Working Space, Add	*17.59*	
22 11 16 00-0934	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	103.17	26.70
		For Work In Restricted Working Space, Add	*20.01*	
22 11 16 00-0935	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	118.51	31.50
		For Work In Restricted Working Space, Add	*23.65*	
22 11 16 00-0936	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	143.89	38.83
		For Work In Restricted Working Space, Add	*29.11*	
22 11 16 00-0937	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	214.88	49.36
		For Work In Restricted Working Space, Add	*36.99*	
22 11 16 00-0938	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	423.88	64.69
		For Work In Restricted Working Space, Add	*48.52*	

22 11 16 00-0939 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0890)*

22 11 16 00-0940	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	34.71	12.80
		For Work In Restricted Working Space, Add	*9.60*	
22 11 16 00-0941	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	44.74	16.17
		For Work In Restricted Working Space, Add	*12.13*	
22 11 16 00-0942	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	56.02	20.30
		For Work In Restricted Working Space, Add	*15.21*	
22 11 16 00-0943	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	74.53	25.35
		For Work In Restricted Working Space, Add	*19.00*	
22 11 16 00-0944	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	82.90	28.05
		For Work In Restricted Working Space, Add	*21.02*	
22 11 16 00-0945	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	97.28	31.25
		For Work In Restricted Working Space, Add	*23.45*	
22 11 16 00-0946	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	120.35	35.55
		For Work In Restricted Working Space, Add	*26.69*	
22 11 16 00-0947	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	139.28	42.03
		For Work In Restricted Working Space, Add	*31.53*	
22 11 16 00-0948	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	169.74	51.72
		For Work In Restricted Working Space, Add	*38.81*	
22 11 16 00-0949	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	243.28	65.78
		For Work In Restricted Working Space, Add	*49.32*	
22 11 16 00-0950	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	441.43	86.25
		For Work In Restricted Working Space, Add	*64.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0951		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0890)*		
22 11 16 00-0952	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	15.86	5.90
		For Work In Restricted Working Space, Add	*4.45*	
22 11 16 00-0953	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	21.97	8.00
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-0954	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	35.31	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0955	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	39.76	11.54
		For Work In Restricted Working Space, Add	*8.67*	
22 11 16 00-0956	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	46.52	12.88
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0957	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	50.99	14.65
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0958	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	61.64	17.35
		For Work In Restricted Working Space, Add	*13.01*	
22 11 16 00-0959	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	82.66	21.31
		For Work In Restricted Working Space, Add	*16.02*	
22 11 16 00-0960	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	130.13	27.12
		For Work In Restricted Working Space, Add	*20.34*	
22 11 16 00-0961	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	276.46	35.55
		For Work In Restricted Working Space, Add	*26.69*	
22 11 16 00-0962		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0890)*		
22 11 16 00-0963	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	17.29	4.21
		For Work In Restricted Working Space, Add	*3.16*	
22 11 16 00-0964	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	22.11	5.90
		For Work In Restricted Working Space, Add	*4.45*	
22 11 16 00-0965	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	27.77	8.00
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-0966	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	34.81	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0967	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	40.50	11.54
		For Work In Restricted Working Space, Add	*8.67*	
22 11 16 00-0968	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	50.21	12.88
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0969	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	75.09	14.65
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0970	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	143.58	17.35
		For Work In Restricted Working Space, Add	*13.01*	
22 11 16 00-0971	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	211.32	21.31
		For Work In Restricted Working Space, Add	*16.02*	
22 11 16 00-0972		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0890)*		
22 11 16 00-0973	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	13.12	4.21
		For Work In Restricted Working Space, Add	*3.16*	
22 11 16 00-0974	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	18.33	5.90
		For Work In Restricted Working Space, Add	*4.45*	
22 11 16 00-0975	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	25.85	8.00
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-0976	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	34.81	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0977	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	40.67	11.54
		For Work In Restricted Working Space, Add	*8.67*	
22 11 16 00-0978	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	48.17	12.88
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0979	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	66.85	14.65
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0980	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	79.80	17.35
		For Work In Restricted Working Space, Add	*13.01*	
22 11 16 00-0981	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	114.98	21.31
		For Work In Restricted Working Space, Add	*16.02*	
22 11 16 00-0982		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0890)*		
22 11 16 00-0983	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	14.10	4.21
		For Work In Restricted Working Space, Add	*3.16*	
22 11 16 00-0984	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	18.64	5.90
		For Work In Restricted Working Space, Add	*4.45*	
22 11 16 00-0985	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	25.94	8.00
		For Work In Restricted Working Space, Add	*5.99*	
22 11 16 00-0986	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	35.10	10.45
		For Work In Restricted Working Space, Add	*7.83*	
22 11 16 00-0987	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	39.35	11.54
		For Work In Restricted Working Space, Add	*8.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0988	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	47.09	12.88
		For Work In Restricted Working Space, Add	*9.68*	
22 11 16 00-0989	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	67.47	14.65
		For Work In Restricted Working Space, Add	*11.02*	
22 11 16 00-0990	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	90.68	17.35
		For Work In Restricted Working Space, Add	*13.01*	
22 11 16 00-0991	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	133.47	21.31
		For Work In Restricted Working Space, Add	*16.02*	

22 11 16 00-0992 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0890)*

22 11 16 00-0993	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	11.80	3.87
		For Work In Restricted Working Space, Add	*2.88*	
22 11 16 00-0994	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	16.59	5.39
		For Work In Restricted Working Space, Add	*4.04*	
22 11 16 00-0995	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	22.30	7.25
		For Work In Restricted Working Space, Add	*5.43*	
22 11 16 00-0996	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	30.00	9.52
		For Work In Restricted Working Space, Add	*7.13*	
22 11 16 00-0997	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	34.16	10.53
		For Work In Restricted Working Space, Add	*7.88*	
22 11 16 00-0998	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	38.46	11.71
		For Work In Restricted Working Space, Add	*8.79*	
22 11 16 00-0999	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	55.30	13.31
		For Work In Restricted Working Space, Add	*10.01*	
22 11 16 00-1000	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	61.58	15.75
		For Work In Restricted Working Space, Add	*11.83*	
22 11 16 00-1001	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	77.55	19.37
		For Work In Restricted Working Space, Add	*14.55*	
22 11 16 00-1002	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	118.95	24.68
		For Work In Restricted Working Space, Add	*18.50*	
22 11 16 00-1003	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	196.94	32.35
		For Work In Restricted Working Space, Add	*24.26*	

22 11 16 00-1004 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0890)*

22 11 16 00-1005	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	20.93	4.63
		For Work In Restricted Working Space, Add	*3.46*	
22 11 16 00-1006	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	26.02	6.48
		For Work In Restricted Working Space, Add	*4.85*	
22 11 16 00-1007	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	31.89	8.68
		For Work In Restricted Working Space, Add	*6.52*	
22 11 16 00-1008	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	52.36	11.37
		For Work In Restricted Working Space, Add	*8.54*	
22 11 16 00-1009	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	55.82	12.63
		For Work In Restricted Working Space, Add	*9.45*	
22 11 16 00-1010	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	75.56	14.07
		For Work In Restricted Working Space, Add	*10.56*	
22 11 16 00-1011	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	123.68	16.00
		For Work In Restricted Working Space, Add	*12.00*	
22 11 16 00-1012	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	173.77	18.95
		For Work In Restricted Working Space, Add	*14.20*	
22 11 16 00-1013	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	273.14	23.25
		For Work In Restricted Working Space, Add	*17.46*	
22 11 16 00-1014	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	364.24	29.56
		For Work In Restricted Working Space, Add	*22.19*	
22 11 16 00-1015	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	451.63	38.83
		For Work In Restricted Working Space, Add	*29.11*	

22 11 16 00-1016 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0890)*

22 11 16 00-1017	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	6.68	1.27
		For Work In Restricted Working Space, Add	*0.96*	
22 11 16 00-1018	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	11.68	2.70
		For Work In Restricted Working Space, Add	*2.02*	
22 11 16 00-1019	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	19.59	4.38
		For Work In Restricted Working Space, Add	*3.26*	
22 11 16 00-1020	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	21.44	4.72
		For Work In Restricted Working Space, Add	*3.56*	
22 11 16 00-1021	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	22.89	5.22
		For Work In Restricted Working Space, Add	*3.94*	
22 11 16 00-1022	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	30.35	5.90
		For Work In Restricted Working Space, Add	*4.40*	
22 11 16 00-1023	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	44.95	6.65
		For Work In Restricted Working Space, Add	*5.00*	
22 11 16 00-1024	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	48.63	7.92
		For Work In Restricted Working Space, Add	*5.91*	
22 11 16 00-1025	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	73.04	9.68
		For Work In Restricted Working Space, Add	*7.28*	
22 11 16 00-1026	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	152.21	12.30
		For Work In Restricted Working Space, Add	*9.25*	
22 11 16 00-1027	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	196.29	16.17
		For Work In Restricted Working Space, Add	*12.13*	

22 11 16 00-1028 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges *(22 11 16 00-0890)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1029	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	16.06	3.03
		For Work In Restricted Working Space, Add	*2.30*	
22 11 16 00-1030	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	19.77	4.30
		For Work In Restricted Working Space, Add	*3.23*	
22 11 16 00-1031	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	24.49	5.81
		For Work In Restricted Working Space, Add	*4.34*	
22 11 16 00-1032	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	29.33	7.58
		For Work In Restricted Working Space, Add	*5.71*	
22 11 16 00-1033	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	31.60	8.42
		For Work In Restricted Working Space, Add	*6.32*	
22 11 16 00-1034	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	37.44	9.35
		For Work In Restricted Working Space, Add	*7.03*	
22 11 16 00-1035	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	48.58	10.70
		For Work In Restricted Working Space, Add	*8.01*	
22 11 16 00-1036	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	55.36	12.63
		For Work In Restricted Working Space, Add	*9.45*	
22 11 16 00-1037	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	69.07	15.50
		For Work In Restricted Working Space, Add	*11.65*	
22 11 16 00-1038	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	96.90	19.71
		For Work In Restricted Working Space, Add	*14.81*	
22 11 16 00-1039	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	171.93	25.86
		For Work In Restricted Working Space, Add	*19.41*	

22 11 16 00-1040 Red Brass Pipe And Fittings *(22 11 16)*

Note: ASTM B43 And B251 (Pipe), ASME B16.15.

22 11 16 00-1041 Schedule 40 Red Brass Pipe *(22 11 16 00-1040)*

22 11 16 00-1042	LF	1/2" Schedule 40 Red Brass Pipe	8.22	1.77
22 11 16 00-1043	LF	3/4" Schedule 40 Red Brass Pipe	10.00	1.77
22 11 16 00-1044	LF	1" Schedule 40 Red Brass Pipe	12.64	1.77
22 11 16 00-1045	LF	1-1/4" Schedule 40 Red Brass Pipe	17.53	1.93
22 11 16 00-1046	LF	1-1/2" Schedule 40 Red Brass Pipe	19.92	2.10
22 11 16 00-1047	LF	2" Schedule 40 Red Brass Pipe	25.26	2.53
22 11 16 00-1048	LF	2-1/2" Schedule 40 Red Brass Pipe	35.50	2.87
22 11 16 00-1049	LF	3" Schedule 40 Red Brass Pipe	48.62	3.03
22 11 16 00-1050	LF	4" Schedule 40 Red Brass Pipe	68.22	3.03

22 11 16 00-1051 125 LB Cast Bronze, Screwed, 90 Degree Elbows *(22 11 16 00-1040)*

22 11 16 00-1052	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	46.23	20.97
22 11 16 00-1053	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	51.87	23.08
22 11 16 00-1054	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	63.85	27.30
22 11 16 00-1055	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	73.80	29.31
22 11 16 00-1056	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	81.58	31.42
22 11 16 00-1057	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	97.25	33.53
22 11 16 00-1058	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	153.57	41.95
22 11 16 00-1059	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	207.09	50.28
22 11 16 00-1060	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	349.72	67.05

22 11 16 00-1061 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows *(22 11 16 00-1040)*

22 11 16 00-1062	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	47.67	20.97
22 11 16 00-1063	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	53.96	23.08
22 11 16 00-1064	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	68.23	27.30
22 11 16 00-1065	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	79.54	29.31
22 11 16 00-1066	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	89.48	31.42
22 11 16 00-1067	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	114.50	33.53
22 11 16 00-1068	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	167.93	41.95
22 11 16 00-1069	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	251.26	50.28
22 11 16 00-1070	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	474.70	67.05

22 11 16 00-1071 125 LB Cast Bronze, Screwed, 45 Degree Elbows *(22 11 16 00-1040)*

22 11 16 00-1072	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	46.96	20.97
22 11 16 00-1073	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	53.30	23.08
22 11 16 00-1074	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	66.73	27.30
22 11 16 00-1075	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	78.11	29.31
22 11 16 00-1076	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	87.32	31.42
22 11 16 00-1077	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	106.59	33.53
22 11 16 00-1078	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	159.29	41.95
22 11 16 00-1079	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	216.90	50.28
22 11 16 00-1080	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	445.66	67.05

22 11 16 00-1081 125 LB Cast Bronze, Screwed, Tees *(22 11 16 00-1040)*

22 11 16 00-1082	EA	1/2" 125 LB Cast Bronze, Screwed, Tee	67.92	31.42
22 11 16 00-1083	EA	3/4" 125 LB Cast Bronze, Screwed, Tee	75.93	34.37
22 11 16 00-1084	EA	1" 125 LB Cast Bronze, Screwed, Tee	94.27	40.68
22 11 16 00-1085	EA	1-1/4" 125 LB Cast Bronze, Screwed, Tee	110.32	44.05
22 11 16 00-1086	EA	1-1/2" 125 LB Cast Bronze, Screwed, Tee	119.06	46.91
22 11 16 00-1087	EA	2" 125 LB Cast Bronze, Screwed, Tee	142.29	50.28
22 11 16 00-1088	EA	2-1/2" 125 LB Cast Bronze, Screwed, Tee	220.62	62.92
22 11 16 00-1089	EA	3" 125 LB Cast Bronze, Screwed, Tee	295.93	75.47
22 11 16 00-1090	EA	4" 125 LB Cast Bronze, Screwed, Tee	560.52	100.57

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1091		125 LB Cast Bronze, Screwed, Reducing Tees *(22 11 16 00-1040)*		
22 11 16 00-1092	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	70.07	31.42
22 11 16 00-1093	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	77.38	34.37
22 11 16 00-1094	EA	1" 125 LB Cast Bronze, Screwed, Reducing Tee	100.02	40.68
22 11 16 00-1095	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	114.63	44.05
22 11 16 00-1096	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	130.55	46.91
22 11 16 00-1097	EA	2" 125 LB Cast Bronze, Screwed, Reducing Tee	160.26	50.28
22 11 16 00-1098	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	255.56	62.92
22 11 16 00-1099	EA	3" 125 LB Cast Bronze, Screwed, Reducing Tee	447.77	75.47
22 11 16 00-1100	EA	4" 125 LB Cast Bronze, Screwed, Reducing Tee	680.29	100.57
22 11 16 00-1101		125 LB Cast Bronze, Screwed, Crosses *(22 11 16 00-1040)*		
22 11 16 00-1102	EA	1/2" 125 LB Cast Bronze, Screwed, Cross	93.91	41.95
22 11 16 00-1103	EA	3/4" 125 LB Cast Bronze, Screwed, Cross	106.60	46.08
22 11 16 00-1104	EA	1" 125 LB Cast Bronze, Screwed, Cross	131.28	54.50
22 11 16 00-1105	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cross	155.07	58.71
22 11 16 00-1106	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cross	177.69	62.92
22 11 16 00-1107	EA	2" 125 LB Cast Bronze, Screwed, Cross	237.98	67.05
22 11 16 00-1108	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cross	364.14	83.81
22 11 16 00-1109	EA	3" 125 LB Cast Bronze, Screwed, Cross	489.39	100.57
22 11 16 00-1110	EA	4" 125 LB Cast Bronze, Screwed, Cross	857.65	134.18
22 11 16 00-1111		125 LB Cast Bronze, Screwed, Caps *(22 11 16 00-1040)*		
22 11 16 00-1112	EA	1/2" 125 LB Cast Bronze, Screwed, Cap	36.41	16.76
22 11 16 00-1113	EA	3/4" 125 LB Cast Bronze, Screwed, Cap	41.33	18.87
22 11 16 00-1114	EA	1" 125 LB Cast Bronze, Screwed, Cap	50.13	21.82
22 11 16 00-1115	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cap	59.29	23.92
22 11 16 00-1116	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cap	66.25	25.60
22 11 16 00-1117	EA	2" 125 LB Cast Bronze, Screwed, Cap	80.38	27.30
22 11 16 00-1118	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cap	114.49	33.53
22 11 16 00-1119	EA	3" 125 LB Cast Bronze, Screwed, Cap	157.16	41.95
22 11 16 00-1120	EA	4" 125 LB Cast Bronze, Screwed, Cap	248.80	54.50
22 11 16 00-1121		125 LB Cast Bronze, Screwed, Couplings *(22 11 16 00-1040)*		
22 11 16 00-1122	EA	1/2" 125 LB Cast Bronze, Screwed, Coupling	45.52	20.97
22 11 16 00-1123	EA	3/4" 125 LB Cast Bronze, Screwed, Coupling	51.16	23.08
22 11 16 00-1124	EA	1" 125 LB Cast Bronze, Screwed, Coupling	63.13	27.30
22 11 16 00-1125	EA	1-1/4" 125 LB Cast Bronze, Screwed, Coupling	73.07	29.31
22 11 16 00-1126	EA	1-1/2" 125 LB Cast Bronze, Screwed, Coupling	81.58	31.42
22 11 16 00-1127	EA	2" 125 LB Cast Bronze, Screwed, Coupling	97.97	33.53
22 11 16 00-1128	EA	2-1/2" 125 LB Cast Bronze, Screwed, Coupling	134.15	41.95
22 11 16 00-1129	EA	3" 125 LB Cast Bronze, Screwed, Coupling	170.34	50.28
22 11 16 00-1130	EA	4" 125 LB Cast Bronze, Screwed, Coupling	277.86	67.05
22 11 16 00-1131		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers *(22 11 16 00-1040)*		
22 11 16 00-1132	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	38.81	16.76
22 11 16 00-1133	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	44.10	18.87
22 11 16 00-1134	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	59.48	25.18
22 11 16 00-1135	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	68.83	27.30
22 11 16 00-1136	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	76.75	29.31
22 11 16 00-1137	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	89.59	31.42
22 11 16 00-1138	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	125.79	39.84
22 11 16 00-1139	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	150.84	46.08
22 11 16 00-1140	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	246.91	60.81
22 11 16 00-1141		125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers *(22 11 16 00-1040)*		
22 11 16 00-1142	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	39.40	16.76
22 11 16 00-1143	EA	1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	65.42	23.08
22 11 16 00-1144	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	81.76	25.18
22 11 16 00-1145	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	93.99	27.30
22 11 16 00-1146	EA	2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	121.46	31.42
22 11 16 00-1147	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	180.13	39.84
22 11 16 00-1148	EA	3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	212.71	41.95
22 11 16 00-1149	EA	4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	246.98	54.50
22 11 16 00-1150		125 LB Cast Bronze, Screwed, Unions *(22 11 16 00-1040)*		
22 11 16 00-1151	EA	1/2" 125 LB Cast Bronze, Screwed, Union	45.04	16.76
22 11 16 00-1152	EA	3/4" 125 LB Cast Bronze, Screwed, Union	52.70	18.45
22 11 16 00-1153	EA	1" 125 LB Cast Bronze, Screwed, Union	64.45	21.82
22 11 16 00-1154	EA	1-1/4" 125 LB Cast Bronze, Screwed, Union	77.12	23.50
22 11 16 00-1155	EA	1-1/2" 125 LB Cast Bronze, Screwed, Union	86.24	25.18
22 11 16 00-1156	EA	2" 125 LB Cast Bronze, Screwed, Union	100.92	28.47

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1157		**125 LB Cast Bronze, Screwed, Companion Flanges** *(22 11 16 00-1040)*		
22 11 16 00-1158	EA	1/2" 125 LB Cast Bronze, Screwed, Companion Flange	105.62	20.97
22 11 16 00-1159	EA	3/4" 125 LB Cast Bronze, Screwed, Companion Flange	116.94	25.18
22 11 16 00-1160	EA	1" 125 LB Cast Bronze, Screwed, Companion Flange	134.46	29.31
22 11 16 00-1161	EA	1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	151.73	31.42
22 11 16 00-1162	EA	1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	176.81	33.53
22 11 16 00-1163	EA	2" 125 LB Cast Bronze, Screwed, Companion Flange	217.62	35.63
22 11 16 00-1164	EA	2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	271.98	41.95
22 11 16 00-1165	EA	3" 125 LB Cast Bronze, Screwed, Companion Flange	337.37	52.39
22 11 16 00-1166	EA	4" 125 LB Cast Bronze, Screwed, Companion Flange	479.89	73.36
22 11 16 00-1167		**125 LB Cast Bronze, Screwed, Square Head Plugs** *(22 11 16 00-1040)*		
22 11 16 00-1168	EA	1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	12.61	
22 11 16 00-1169	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	12.56	
22 11 16 00-1170	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	19.23	
22 11 16 00-1171	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	21.43	
22 11 16 00-1172	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	23.66	
22 11 16 00-1173	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	34.65	
22 11 16 00-1174	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	50.50	
22 11 16 00-1175	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	71.72	
22 11 16 00-1176	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	115.23	
22 11 16 00-1177		**125 LB Cast Bronze, Screwed, Counter Sunk Plugs** *(22 11 16 00-1040)*		
22 11 16 00-1178	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	3.60	
22 11 16 00-1179	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	4.31	
22 11 16 00-1180	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	6.48	
22 11 16 00-1181	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	10.07	
22 11 16 00-1182	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	15.94	
22 11 16 00-1183	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	24.71	
22 11 16 00-1184	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	48.09	
22 11 16 00-1185	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	77.89	
22 11 16 00-1186	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	189.96	
22 11 16 00-1187		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings** *(22 11 16 00-1040)*		
22 11 16 00-1188	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	2.87	
22 11 16 00-1189	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	3.60	
22 11 16 00-1190	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	5.04	
22 11 16 00-1191	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	8.63	
22 11 16 00-1192	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	12.23	
22 11 16 00-1193	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	15.11	
22 11 16 00-1194	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	38.09	
22 11 16 00-1195	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	56.07	
22 11 16 00-1196	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	122.82	
22 11 16 00-1197		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings** *(22 11 16 00-1040)*		
22 11 16 00-1198	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	5.04	
22 11 16 00-1199	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	7.18	
22 11 16 00-1200	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	12.51	
22 11 16 00-1201	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	16.99	
22 11 16 00-1202	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	21.25	
22 11 16 00-1203	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	26.77	
22 11 16 00-1204	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	54.65	
22 11 16 00-1205	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	86.47	
22 11 16 00-1206	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	181.71	
22 11 16 00-1207		**1/2" Red Brass Pipe Nipples** *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1208	EA	1/2" x Close, Red Brass Pipe Nipple	5.15	
22 11 16 00-1209	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	6.03	
22 11 16 00-1210	EA	1/2" x 2" Long, Red Brass Pipe Nipple	7.38	
22 11 16 00-1211	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	8.77	
22 11 16 00-1212	EA	1/2" x 3" Long, Red Brass Pipe Nipple	10.16	
22 11 16 00-1213	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	11.99	
22 11 16 00-1214	EA	1/2" x 4" Long, Red Brass Pipe Nipple	13.45	
22 11 16 00-1215	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	14.77	
22 11 16 00-1216	EA	1/2" x 5" Long, Red Brass Pipe Nipple	16.16	
22 11 16 00-1217	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	17.68	
22 11 16 00-1218	EA	1/2" x 6" Long, Red Brass Pipe Nipple	19.04	
22 11 16 00-1219		**3/4" Red Brass Pipe Nipples** *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1220	EA	3/4" x Close, Red Brass Pipe Nipple	7.52	
22 11 16 00-1221	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	7.93	
22 11 16 00-1222	EA	3/4" x 2" Long, Red Brass Pipe Nipple	9.59	
22 11 16 00-1223	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	11.28	
22 11 16 00-1224	EA	3/4" x 3" Long, Red Brass Pipe Nipple	12.80	
22 11 16 00-1225	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	14.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1226	EA	3/4" x 4" Long, Red Brass Pipe Nipple	16.53	
22 11 16 00-1227	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	18.56	
22 11 16 00-1228	EA	3/4" x 5" Long, Red Brass Pipe Nipple	20.26	
22 11 16 00-1229	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	23.34	
22 11 16 00-1230	EA	3/4" x 6" Long, Red Brass Pipe Nipple	24.52	
22 11 16 00-1231		1" Red Brass Pipe Nipples *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1232	EA	1" x Close, Red Brass Pipe Nipple	11.45	
22 11 16 00-1233	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	12.60	
22 11 16 00-1234	EA	1" x 2" Long, Red Brass Pipe Nipple	13.75	
22 11 16 00-1235	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple	16.36	
22 11 16 00-1236	EA	1" x 3" Long, Red Brass Pipe Nipple	18.49	
22 11 16 00-1237	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple	21.78	
22 11 16 00-1238	EA	1" x 4" Long, Red Brass Pipe Nipple	24.39	
22 11 16 00-1239	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple	26.96	
22 11 16 00-1240	EA	1" x 5" Long, Red Brass Pipe Nipple	29.60	
22 11 16 00-1241	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple	32.38	
22 11 16 00-1242	EA	1" x 6" Long, Red Brass Pipe Nipple	34.96	
22 11 16 00-1243		1-1/4" Red Brass Pipe Nipples *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1244	EA	1-1/4" x Close, Red Brass Pipe Nipple	16.94	
22 11 16 00-1245	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	18.05	
22 11 16 00-1246	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple	19.41	
22 11 16 00-1247	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	23.37	
22 11 16 00-1248	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple	27.30	
22 11 16 00-1249	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	32.04	
22 11 16 00-1250	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple	35.97	
22 11 16 00-1251	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	39.90	
22 11 16 00-1252	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple	43.87	
22 11 16 00-1253	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	48.00	
22 11 16 00-1254	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple	51.93	
22 11 16 00-1255		1-1/2" Red Brass Pipe Nipples *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1256	EA	1-1/2" x Close, Red Brass Pipe Nipple	21.07	
22 11 16 00-1257	EA	1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	21.99	
22 11 16 00-1258	EA	1-1/2" x 2" Long, Red Brass Pipe Nipple	22.90	
22 11 16 00-1259	EA	1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	27.84	
22 11 16 00-1260	EA	1-1/2" x 3" Long, Red Brass Pipe Nipple	31.57	
22 11 16 00-1261	EA	1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	37.12	
22 11 16 00-1262	EA	1-1/2" x 4" Long, Red Brass Pipe Nipple	41.80	
22 11 16 00-1263	EA	1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	46.64	
22 11 16 00-1264	EA	1-1/2" x 5" Long, Red Brass Pipe Nipple	51.32	
22 11 16 00-1265	EA	1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	55.89	
22 11 16 00-1266	EA	1-1/2" x 6" Long, Red Brass Pipe Nipple	60.46	
22 11 16 00-1267		2" Red Brass Pipe Nipples *(22 11 16 00-1040)*		
		Note: Threaded both ends.		
22 11 16 00-1268	EA	2" x Close, Red Brass Pipe Nipple	32.38	
22 11 16 00-1269	EA	2" x 1-1/2" Long, Red Brass Pipe Nipple	33.51	
22 11 16 00-1270	EA	2" x 2" Long, Red Brass Pipe Nipple	34.64	
22 11 16 00-1271	EA	2" x 2-1/2" Long, Red Brass Pipe Nipple	35.77	
22 11 16 00-1272	EA	2" x 3" Long, Red Brass Pipe Nipple	40.51	
22 11 16 00-1273	EA	2" x 3-1/2" Long, Red Brass Pipe Nipple	47.76	
22 11 16 00-1274	EA	2" x 4" Long, Red Brass Pipe Nipple	53.65	
22 11 16 00-1275	EA	2" x 4-1/2" Long, Red Brass Pipe Nipple	59.55	
22 11 16 00-1276	EA	2" x 5" Long, Red Brass Pipe Nipple	64.87	
22 11 16 00-1277	EA	2" x 5-1/2" Long, Red Brass Pipe Nipple	71.54	
22 11 16 00-1278	EA	2" x 6" Long, Red Brass Pipe Nipple	77.40	
22 11 16 00-1279		Cross-Linked Polyethylene Tubing, ASTM F877 *(22 11 16)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1280		Cross-Linked Polyethylene Tubing *(22 11 16 00-1279)*		
22 11 16 00-1281	LF	3/8" Cross-Linked Polyethylene Tubing	3.00	
		For Work In Restricted Working Space, Add	*0.80*	
22 11 16 00-1282	LF	1/2" Cross-Linked Polyethylene Tubing	3.26	
		For Work In Restricted Working Space, Add	*0.86*	
22 11 16 00-1283	LF	3/4" Cross-Linked Polyethylene Tubing	3.80	
		For Work In Restricted Working Space, Add	*0.93*	
22 11 16 00-1284	LF	1" Cross-Linked Polyethylene Tubing	4.49	
		For Work In Restricted Working Space, Add	*0.98*	
22 11 16 00-1285		Cross-Linked Polyethylene Forged Brass PEX Fittings *(22 11 16 00-1279)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1286		Male Adapters *(22 11 16 00-1285)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1287	EA	3/8" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	15.34	
		For Work In Restricted Working Space, Add	*4.12*	
22 11 16 00-1288	EA	1/2" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	16.45	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1289	EA	1/2" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing	17.74	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1290	EA	3/4" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing	18.66	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1291	EA	3/4" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing	17.74	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1292	EA	1" x 1", (PE x Threaded) Male Adapter For PEX Tubing	22.16	
		For Work In Restricted Working Space, Add	*5.49*	

22 11 16 00-1293 Female Adapters *(22 11 16 00-1285)*

22 11 16 00-1294	EA	1/2" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	16.64	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1295	EA	1/2" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	18.26	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1296	EA	3/4" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	19.18	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1297	EA	3/4" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	18.26	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1298	EA	1" x 1", (PE x Threaded) Female Adapter For PEX Tubing	22.39	
		For Work In Restricted Working Space, Add	*5.49*	

22 11 16 00-1299 Tube Adapters *(22 11 16 00-1285)*

22 11 16 00-1300	EA	3/8" x 1/2" Tube Adapter For PEX Tubing	14.57	
		For Work In Restricted Working Space, Add	*4.12*	
22 11 16 00-1301	EA	1/2" Tube Adapter For PEX Tubing	15.49	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1302	EA	3/4" Tube Adapter For PEX Tubing	18.04	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1303	EA	1" Tube Adapter For PEX Tubing	21.67	
		For Work In Restricted Working Space, Add	*5.49*	

22 11 16 00-1304 Plugs *(22 11 16 00-1285)*

22 11 16 00-1305	EA	3/8" Plug For PEX Tubing	7.07	
		For Work In Restricted Working Space, Add	*1.92*	
22 11 16 00-1306	EA	1/2" Plug For PEX Tubing	7.98	
		For Work In Restricted Working Space, Add	*2.20*	
22 11 16 00-1307	EA	3/4" Plug For PEX Tubing	9.09	
		For Work In Restricted Working Space, Add	*2.47*	
22 11 16 00-1308	EA	1" Plug For PEX Tubing	10.72	
		For Work In Restricted Working Space, Add	*2.75*	

22 11 16 00-1309 Tees *(22 11 16 00-1285)*

22 11 16 00-1310	EA	3/8" Tee For PEX Tubing	20.60	
		For Work In Restricted Working Space, Add	*5.77*	
22 11 16 00-1311	EA	1/2" Tee For PEX Tubing	23.34	
		For Work In Restricted Working Space, Add	*6.59*	
22 11 16 00-1312	EA	3/4" Tee For PEX Tubing	27.04	
		For Work In Restricted Working Space, Add	*7.41*	
22 11 16 00-1313	EA	1" Tee For PEX Tubing	32.44	
		For Work In Restricted Working Space, Add	*8.24*	
22 11 16 00-1314	EA	1/2" Reducing Tee For PEX Tubing	22.43	
		For Work In Restricted Working Space, Add	*6.32*	
22 11 16 00-1315	EA	3/4" Reducing Tee For PEX Tubing	25.21	
		For Work In Restricted Working Space, Add	*6.86*	
22 11 16 00-1316	EA	1" Reducing Tee For PEX Tubing	29.32	
		For Work In Restricted Working Space, Add	*7.41*	

22 11 16 00-1317 Couplings *(22 11 16 00-1285)*

22 11 16 00-1318	EA	3/8" Coupling For PEX Tubing	13.52	
		For Work In Restricted Working Space, Add	*3.84*	
22 11 16 00-1319	EA	1/2" Coupling For PEX Tubing	15.40	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1320	EA	3/4" Coupling For PEX Tubing	17.46	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1321	EA	1" Coupling For PEX Tubing	20.39	
		For Work In Restricted Working Space, Add	*5.49*	
22 11 16 00-1322	EA	3/4" x 1/2" Reducing Coupling For PEX Tubing	16.54	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1323	EA	1" x 3/4" Reducing Coupling For PEX Tubing	19.47	
		For Work In Restricted Working Space, Add	*5.21*	

22 11 16 00-1324 Fitting Reducers *(22 11 16 00-1285)*

22 11 16 00-1325	EA	3/8" x 1/2" Fitting Reducer For PEX Tubing	14.71	
		For Work In Restricted Working Space, Add	*4.12*	
22 11 16 00-1326	EA	1/2" Fitting Reducer For PEX Tubing	15.63	
		For Work In Restricted Working Space, Add	*4.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1327	EA	3/4" Fitting Reducer For PEX Tubing	18.33	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1328	EA	1" Fitting Reducer For PEX Tubing	23.29	
		For Work In Restricted Working Space, Add	*5.49*	
22 11 16 00-1329		90 Degree Elbows *(22 11 16 00-1285)*		
22 11 16 00-1330	EA	3/8" 90 Degree Elbow For PEX Tubing	13.95	
		For Work In Restricted Working Space, Add	*3.84*	
22 11 16 00-1331	EA	1/2" 90 Degree Elbow For PEX Tubing	15.78	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1332	EA	3/4" 90 Degree Elbow For PEX Tubing	18.33	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1333	EA	3/4" x 1/2" 90 Degree Elbow For PEX Tubing	17.41	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1334	EA	1/2" Drop 90 Degree Elbow For PEX Tubing	18.73	
		For Work In Restricted Working Space, Add	*4.39*	
22 11 16 00-1335	EA	3/4" Drop 90 Degree Elbow For PEX Tubing	20.99	
		For Work In Restricted Working Space, Add	*4.94*	
22 11 16 00-1336	EA	3/4" x 1/2" Drop 90 Degree Elbow For PEX Tubing	20.07	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 19		**Domestic Water Piping Specialties** *(22 11)*		
22 11 19 00-0001		Brass, Anti Siphon Vacuum Breakers *(22 11 19)*		
		Note: Watts 288A		
22 11 19 00-0002	EA	1/2" Brass, Anti Siphon Vacuum Breaker	66.30	22.88
22 11 19 00-0003	EA	3/4" Brass, Anti Siphon Vacuum Breaker	75.36	25.62
22 11 19 00-0004	EA	1" Brass, Anti Siphon Vacuum Breaker	132.49	29.29
22 11 19 00-0005	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	198.79	33.85
22 11 19 00-0006	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	236.60	37.51
22 11 19 00-0007	EA	2" Brass, Anti Siphon Vacuum Breaker	336.89	45.75
22 11 19 00-0008	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	824.81	57.19
22 11 19 00-0009		Anti Siphon Pressure Vacuum Breakers *(22 11 19)*		
		Note: Watts 800M4QT		
22 11 19 00-0010	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	153.34	22.88
22 11 19 00-0011	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	139.11	25.62
22 11 19 00-0012	EA	1" Anti Siphon Pressure Type Vacuum Breaker	191.70	29.29
22 11 19 00-0013	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	329.04	33.85
22 11 19 00-0014	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	399.15	37.51
22 11 19 00-0015	EA	2" Anti Siphon Pressure Type Vacuum Breaker	409.70	45.75
22 11 19 00-0016		Bellows Type Water Hammer Arrestors *(22 11 19)*		
22 11 19 00-0017	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	131.19	10.95
22 11 19 00-0018	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	248.92	13.24
22 11 19 00-0019	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	359.19	13.24
22 11 19 00-0020	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	860.61	13.24
22 11 19 00-0021	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	968.02	13.24
22 11 19 00-0022	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	1,183.46	13.24
22 11 19 00-0023		Piston Type Water Hammer Arrestors *(22 11 19)*		
22 11 19 00-0024		Threaded Piston Type Water Hammer Arrestors *(22 11 19 00-0023)*		
22 11 19 00-0025	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	78.74	6.10
22 11 19 00-0026	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	147.17	7.03
22 11 19 00-0027	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	216.25	7.63
22 11 19 00-0028	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	524.20	9.84
22 11 19 00-0029	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	638.65	12.20
22 11 19 00-0030	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	726.16	13.24
22 11 19 00-0031		Washer Boxes And Dryer Outlets *(22 11 19)*		
22 11 19 00-0032		Dryer Vent Kit *(22 11 19 00-0031)*		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0033	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	63.32	11.89
22 11 19 00-0034		Washer Boxes And Dryer Vents *(22 11 19 00-0031)*		
		Note: Includes 1/2" supply valves and mounting brackets.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0035	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	208.09	18.30
22 11 19 00-0036		**Ice Maker Outlet Box** *(22 11 19)*		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0037	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	113.17	18.30
22 11 19 00-0038	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	138.58	18.30
22 11 19 00-0039	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	152.56	18.30
22 11 19 00-0040		**Rubber Hose And Clamps** *(22 11 19)*		
22 11 19 00-0041		**General Purpose Hose** *(22 11 19 00-0040)*		
		Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0042	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.45	1.83
22 11 19 00-0043	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.52	1.83
22 11 19 00-0044	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.68	1.83
22 11 19 00-0045	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.64	1.83
22 11 19 00-0046	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.85	2.74
22 11 19 00-0047	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	12.19	2.74
22 11 19 00-0048	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	14.27	3.65
22 11 19 00-0049		**Chemical Resistant Rubber Hoses** *(22 11 19 00-0040)*		
22 11 19 00-0050	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,112.43	216.85
22 11 19 00-0051	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,557.12	216.85
22 11 19 00-0052		**Water Pump Hose** *(22 11 19 00-0040)*		
22 11 19 00-0053	EA	2" Inside Diameter, 20' Rubber Discharge Hose	193.21	55.75
22 11 19 00-0054	EA	2" Inside Diameter, 20' Rubber Intake Hose	199.53	55.75
22 11 19 00-0055		**Serrated Shank Nipple** *(22 11 19 00-0040)*		
		Note: For use as medium pressure coupling.		
22 11 19 00-0056	EA	3/8" Inside Diameter Hose x 1/2" Male Pipe Thread Serrated Shank Nipple	19.77	4.57
22 11 19 00-0057	EA	1/2" Inside Diameter Hose x 5/8" Male Pipe Thread Serrated Shank Nipple	19.69	4.57
22 11 19 00-0058	EA	5/8" Inside Diameter Hose x 3/4" Male Pipe Thread Serrated Shank Nipple	19.69	4.57
22 11 19 00-0059	EA	3/4" Inside Diameter Hose x 1" Male Pipe Thread Serrated Shank Nipple	24.90	6.38
22 11 19 00-0060	EA	1" Inside Diameter Hose x 1-1/4" Male Pipe Thread Serrated Shank Nipple	26.15	6.38
22 11 19 00-0061	EA	1-1/4" Inside Diameter Hose x 1-1/2" Male Pipe Thread Serrated Shank Nipple	49.41	11.87
22 11 19 00-0062	EA	1-1/2" Inside Diameter Hose x 2" Male Pipe Thread Serrated Shank Nipple	61.39	14.60
22 11 19 00-0063		**Worm-Drive Hose Clamp** *(22 11 19 00-0040)*		
22 11 19 00-0064	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	9.26	2.74
22 11 19 00-0065	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	9.80	2.74
22 11 19 00-0066	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	10.39	2.74
22 11 19 00-0067	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	11.07	2.74
22 11 19 00-0068	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	11.85	2.74
22 11 19 00-0069	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	12.80	3.65
22 11 19 00-0070	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	13.83	3.65
22 11 19 00-0071		**Trap Primer And Accessories** *(22 11 19)*		
22 11 19 00-0072		**Trap Primer** *(22 11 19 00-0071)*		
22 11 19 00-0073	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	145.26	13.72
22 11 19 00-0074	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	90.19	9.15
22 11 19 00-0075	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	87.78	9.15
22 11 19 00-0076		**Trap Primer Distribution Unit** *(22 11 19 00-0071)*		
22 11 19 00-0077	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U)	91.59	18.30
		Note: Can be used for two, three or four drains.		
22 11 19 00-0078	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4)	98.08	18.30
		Note: Can be used for two, three or four drains.		
22 11 19 00-0079		**Trap Primer Manifold** *(22 11 19 00-0071)*		
22 11 19 00-0080	EA	Two Outlet Manifold	118.80	24.62
22 11 19 00-0081	EA	Four Outlet Manifold	172.75	28.00
22 11 19 00-0082	EA	Six Outlet Manifold	224.24	29.65
22 11 19 00-0083	EA	Eight Outlet Manifold	280.13	34.77
22 11 19 00-0084		**Sewage Air Release Valves** *(22 11 19)*		
22 11 19 00-0085		**Cast Iron, Sewage Air Release Valves** *(22 11 19 00-0084)*		
		Note: Stainless steel float.		
22 11 19 00-0086	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	689.66	33.41
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0087	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	849.45	55.83
		For Back Flush Attachment, Add	*650.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0088	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	1,077.08	70.49
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0089		**Cast Iron, Sewage Air Vacuum Valves** *(22 11 19 00-0084)*		
		Note: Stainless steel float.		
22 11 19 00-0090	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	704.49	33.41
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0091	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,375.53	33.41
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0092	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	1,653.96	55.83
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0093	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	2,446.96	70.49
22 11 19 00-0094		**Cast Iron, Sewage Combination Air Valves** *(22 11 19 00-0084)*		
		Note: Stainless steel float.		
22 11 19 00-0095	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	1,497.88	33.41
22 11 19 00-0096	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	2,063.25	33.41
22 11 19 00-0097	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	2,417.68	55.83
22 11 19 00-0098	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	2,956.73	70.49
22 11 19 00-0099		**Wall Hydrants** *(22 11 19)*		
		Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0100		**Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0099)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0101	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	473.81	22.88
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0102	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	502.64	27.45
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0103	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	521.38	33.04
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0104		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0099)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0105	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	499.01	38.43
		For Cast Bronze Box, Add	*23.04*	
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0106		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0099)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0107	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	278.72	28.37
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0108	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	337.07	28.37
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0109	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	337.07	28.37
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0110	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	337.07	28.37
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0111	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	350.64	57.19
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0112	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	350.64	57.19
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0113	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	391.26	57.19
		For 1" NPT Outlet, Add	*54.31*	
22 11 19 00-0114		**Stainless Steel Box Type Wall Hydrants** *(22 11 19 00-0099)*		
		Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0115	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	247.42	22.88
22 11 19 00-0116	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	267.78	22.88
22 11 19 00-0117	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	270.55	22.88
22 11 19 00-0118	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	301.09	22.88
22 11 19 00-0119	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	419.03	32.03
22 11 19 00-0120	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	431.06	32.03
22 11 19 00-0121	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	431.06	32.03
22 11 19 00-0122	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	459.74	32.03
22 11 19 00-0123		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0124		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0123)*		
		Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0125	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	320.97	22.15
22 11 19 00-0126	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	141.35	22.15
22 11 19 00-0127	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	186.46	22.15
22 11 19 00-0128	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	215.78	29.84
22 11 19 00-0129		Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0123)*		
		Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0130	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	860.71	31.94
22 11 19 00-0131	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	967.44	39.35
22 11 19 00-0132	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	1,162.46	45.77
22 11 19 00-0133	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	1,502.54	48.11
22 11 19 00-0134	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	2,016.38	62.41
22 11 19 00-0135		High Low Temperature Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0123)*		
		Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0136	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	2,181.67	49.20
22 11 19 00-0137	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	2,836.92	57.21
22 11 19 00-0138	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	3,305.98	60.13
22 11 19 00-0139	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	3,666.97	78.01
22 11 19 00-0140		Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0123)*		
		Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0141	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	604.67	31.94
22 11 19 00-0142	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	712.71	39.34
22 11 19 00-0143	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	874.72	45.77
22 11 19 00-0144	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	1,065.87	48.13
22 11 19 00-0145	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	1,579.31	62.41
22 11 19 00-0146		Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0123)*		
		Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0147	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,279.46	45.75
22 11 19 00-0148	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,373.22	57.65
22 11 19 00-0149	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,525.29	69.55
22 11 19 00-0150	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,689.88	81.44
22 11 19 00-0151	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,986.55	107.06
22 11 19 00-0152	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	2,310.69	122.05
22 11 19 00-0153		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0154		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0153)*		
22 11 19 00-0155		Threaded Double Check Valve Assemblies *(22 11 19 00-0154)*		
22 11 19 00-0156		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0155)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0157	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	239.19	24.53
		For Work In Restricted Working Space, Add	*18.39*	
		For Owner Furnished Material, Deduct	*-177.88*	
22 11 19 00-0158	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	287.74	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-200.81*	
22 11 19 00-0159	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	333.99	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-227.84*	
22 11 19 00-0160	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	458.27	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-334.73*	
22 11 19 00-0161	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	562.98	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-422.07*	
22 11 19 00-0162	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	656.22	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-473.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0163		**Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0155)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0164	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	290.09	24.53
		For Work In Restricted Working Space, Add	*18.39*	
		For Owner Furnished Material, Deduct	*-228.78*	
22 11 19 00-0165	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	362.29	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-275.36*	
22 11 19 00-0166	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	425.38	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-319.23*	
22 11 19 00-0167	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	588.48	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-464.95*	
22 11 19 00-0168	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	716.36	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-575.45*	
22 11 19 00-0169	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	867.97	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-684.95*	
22 11 19 00-0170		**Flanged Double Check Valve Assemblies** *(22 11 19 00-0154)*		
22 11 19 00-0171		**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 NRS series).		
22 11 19 00-0172	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)	1,707.64	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,438.10*	
22 11 19 00-0173	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)	1,878.50	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,579.48*	
22 11 19 00-0174		**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 OSY series).		
22 11 19 00-0175	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	1,853.82	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,584.28*	
22 11 19 00-0176	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	2,122.30	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,823.28*	
22 11 19 00-0177		**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 NRS series).		
22 11 19 00-0178	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,098.82	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,829.30*	
22 11 19 00-0179	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,307.97	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,008.94*	
22 11 19 00-0180	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,672.30	336.92
		For Work In Restricted Working Space, Add	*134.69*	
		For Owner Furnished Material, Deduct	*-2,223.32*	
22 11 19 00-0181	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	4,468.00	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,575.26*	
22 11 19 00-0182	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	8,507.54	741.29
		For Work In Restricted Working Space, Add	*401.80*	
		For Owner Furnished Material, Deduct	*-7,168.21*	
22 11 19 00-0183	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	11,134.20	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-9,540.02*	
22 11 19 00-0184		**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0185	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,301.11	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,031.59*	
22 11 19 00-0186	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,549.99	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,250.97*	

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22 11 19 00-0187	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	3,210.42	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,761.48*	
22 11 19 00-0188	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	5,489.12	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-4,596.38*	
22 11 19 00-0189	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	10,227.62	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-8,888.50*	
22 11 19 00-0190	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	11,134.20	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-9,540.02*	

22 11 19 00-0191 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0170)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 OSY series).

22 11 19 00-0192	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,225.95	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,956.43*	
22 11 19 00-0193	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,539.17	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,240.15*	
22 11 19 00-0194	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,941.69	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,492.75*	
22 11 19 00-0195	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	4,790.46	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,897.72*	
22 11 19 00-0196	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	9,045.32	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-7,706.20*	
22 11 19 00-0197	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	12,209.09	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-10,614.91*	

22 11 19 00-0198 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0170)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0199	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	1,922.53	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,653.01*	
22 11 19 00-0200	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,117.43	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,818.41*	
22 11 19 00-0201	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,432.75	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-1,983.81*	
22 11 19 00-0202	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	3,994.70	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,101.96*	
22 11 19 00-0203	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	7,471.96	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,132.84*	
22 11 19 00-0204	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	8,156.75	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-6,562.57*	

22 11 19 00-0205 N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0170)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).

22 11 19 00-0206	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	2,509.06	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,239.54*	
22 11 19 00-0207	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	2,703.96	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,404.94*	
22 11 19 00-0208	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY series)	3,412.85	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,963.91*	
22 11 19 00-0209	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	5,635.44	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-4,742.70*	
22 11 19 00-0210	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	9,903.70	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-8,564.58*	
22 11 19 00-0211	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	11,785.52	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-10,191.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0212		**Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0213	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	1,805.88	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,536.36*	
22 11 19 00-0214	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,006.08	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,707.06*	
22 11 19 00-0215	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,326.63	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-1,877.69*	
22 11 19 00-0216	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	3,911.34	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,018.60*	
22 11 19 00-0217	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	7,391.63	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,052.51*	
22 11 19 00-0218	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	8,381.06	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-6,786.88*	
22 11 19 00-0219		**N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0220	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	2,343.22	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,073.70*	
22 11 19 00-0221	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	2,538.12	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,239.10*	
22 11 19 00-0222	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	3,247.22	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,798.28*	
22 11 19 00-0223	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,459.02	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-4,566.28*	
22 11 19 00-0224	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	9,636.67	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-8,297.55*	
22 11 19 00-0225	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	11,517.71	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-9,923.53*	
22 11 19 00-0226		**Double Check Valve Assemblies With Butterfly Shut-Off Valves** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0227	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,081.78	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,812.26*	
22 11 19 00-0228	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,276.67	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,977.65*	
22 11 19 00-0229	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,591.99	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,143.05*	
22 11 19 00-0230	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,157.96	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,265.22*	
22 11 19 00-0231	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,635.21	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,296.09*	
22 11 19 00-0232		**N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs** *(22 11 19 00-0170)* Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0233	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	2,668.30	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,398.78*	
22 11 19 00-0234	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,863.20	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,564.18*	
22 11 19 00-0235	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,572.09	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-3,123.15*	
22 11 19 00-0236	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,798.73	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-4,905.99*	
22 11 19 00-0237	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,635.21	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,296.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0238		Grooved Double Check Valve Assemblies *(22 11 19 00-0154)*		
22 11 19 00-0239		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0238)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0240	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	1,805.88	107.81
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,536.36*	
22 11 19 00-0241	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	2,006.08	119.61
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,707.06*	
22 11 19 00-0242		N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0238)* Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0243	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	2,343.22	107.81
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,073.70*	
22 11 19 00-0244	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	2,538.12	119.61
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,239.10*	
22 11 19 00-0245		Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0153)*		
22 11 19 00-0246		Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0245)*		
22 11 19 00-0247		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0246)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0248	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	259.97	21.23
		For Work In Restricted Working Space, Add	*15.92*	
		For Owner Furnished Material, Deduct	*-206.89*	
22 11 19 00-0249	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	275.50	23.43
		For Work In Restricted Working Space, Add	*17.57*	
		For Owner Furnished Material, Deduct	*-216.94*	
22 11 19 00-0250	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	318.29	24.53
		For Work In Restricted Working Space, Add	*18.39*	
		For Owner Furnished Material, Deduct	*-256.98*	
22 11 19 00-0251	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	429.18	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-342.25*	
22 11 19 00-0252	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	510.34	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-404.19*	
22 11 19 00-0253	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	757.58	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-634.05*	
22 11 19 00-0254	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	804.78	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-663.87*	
22 11 19 00-0255	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	970.81	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-787.79*	
22 11 19 00-0256		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0246)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0257	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	285.02	21.23
		For Work In Restricted Working Space, Add	*15.92*	
		For Owner Furnished Material, Deduct	*-231.94*	
22 11 19 00-0258	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	301.89	23.43
		For Work In Restricted Working Space, Add	*17.57*	
		For Owner Furnished Material, Deduct	*-243.33*	
22 11 19 00-0259	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	354.46	34.77
		For Work In Restricted Working Space, Add	*18.39*	
		For Owner Furnished Material, Deduct	*-293.15*	
22 11 19 00-0260	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	486.03	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-399.10*	
22 11 19 00-0261	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	581.42	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-475.27*	
22 11 19 00-0262	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	854.52	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-730.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0263	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	941.58	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-800.67*	
22 11 19 00-0264	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,138.65	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-955.63*	

22 11 19 00-0265 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0246)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).

22 11 19 00-0266	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	429.18	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-342.25*	
22 11 19 00-0267	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	510.34	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-404.19*	
22 11 19 00-0268	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	757.59	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-634.05*	
22 11 19 00-0269	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	804.78	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-663.87*	
22 11 19 00-0270	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	970.81	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-787.79*	

22 11 19 00-0271 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0246)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0272	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	486.03	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-399.10*	
22 11 19 00-0273	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	581.42	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-475.27*	
22 11 19 00-0274	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	854.52	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-730.99*	
22 11 19 00-0275	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	941.58	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-800.67*	
22 11 19 00-0276	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,138.65	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-955.63*	

22 11 19 00-0277 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0246)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0278	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	625.89	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-538.96*	
22 11 19 00-0279	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT)	742.23	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-636.08*	
22 11 19 00-0280	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,121.86	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-998.33*	
22 11 19 00-0281	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,217.44	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-1,076.53*	
22 11 19 00-0282	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,422.84	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-1,239.82*	

22 11 19 00-0283 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0246)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 909 QT-S series).

22 11 19 00-0284	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	702.47	34.77
		For Work In Restricted Working Space, Add	*26.08*	
		For Owner Furnished Material, Deduct	*-615.54*	
22 11 19 00-0285	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	837.23	42.45
		For Work In Restricted Working Space, Add	*31.85*	
		For Owner Furnished Material, Deduct	*-731.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0286	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,253.80	49.42
		For Work In Restricted Working Space, Add	*37.06*	
		For Owner Furnished Material, Deduct	*-1,130.27*	
22 11 19 00-0287	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,373.30	56.73
		For Work In Restricted Working Space, Add	*42.27*	
		For Owner Furnished Material, Deduct	*-1,232.39*	
22 11 19 00-0288	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,642.03	73.21
		For Work In Restricted Working Space, Add	*54.91*	
		For Owner Furnished Material, Deduct	*-1,459.01*	

22 11 19 00-0289 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0245)*

22 11 19 00-0290 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 009 NRS series).

22 11 19 00-0291	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series)	2,029.49	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,759.95*	
22 11 19 00-0292	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series)	2,284.12	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-1,985.10*	

22 11 19 00-0293 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 009 NRS-S series).

22 11 19 00-0294	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,250.05	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,980.51*	
22 11 19 00-0295	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,543.25	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,244.23*	

22 11 19 00-0296 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 009 OSY series).

22 11 19 00-0297	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series)	2,167.27	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-1,897.73*	
22 11 19 00-0298	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series)	2,513.90	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,214.88*	

22 11 19 00-0299 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts 009 QT-FDA series).

22 11 19 00-0300	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series)	2,540.68	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,271.14*	
22 11 19 00-0301	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series)	2,902.24	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,603.22*	

22 11 19 00-0302 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts FAE 909 QT series).

22 11 19 00-0303	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	980.55	126.34
		For Work In Restricted Working Space, Add	*50.54*	
		For Owner Furnished Material, Deduct	*-812.09*	
22 11 19 00-0304	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,090.40	147.41
		For Work In Restricted Working Space, Add	*59.38*	
		For Owner Furnished Material, Deduct	*-892.46*	
22 11 19 00-0305	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series)	1,290.16	172.67
		For Work In Restricted Working Space, Add	*69.49*	
		For Owner Furnished Material, Deduct	*-1,058.53*	

22 11 19 00-0306 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, iron body strainers, and captured spring assemblies (Watts FAE 909 QT-S series).

22 11 19 00-0307	EA	1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,062.99	126.34
		For Work In Restricted Working Space, Add	*50.54*	
		For Owner Furnished Material, Deduct	*-894.53*	
22 11 19 00-0308	EA	1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,355.51	147.41
		For Work In Restricted Working Space, Add	*59.38*	
		For Owner Furnished Material, Deduct	*-1,157.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0309	EA	2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series)	1,433.28	172.67
		For Work In Restricted Working Space, Add	*69.49*	
		For Owner Furnished Material, Deduct	*-1,201.65*	

22 11 19 00-0310 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 909 NRS series).

22 11 19 00-0311	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	2,519.70	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,250.18*	
22 11 19 00-0312	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	2,839.98	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,540.95*	
22 11 19 00-0313	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	3,535.57	336.92
		For Work In Restricted Working Space, Add	*134.69*	
		For Owner Furnished Material, Deduct	*-3,086.59*	
22 11 19 00-0314	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series)	6,164.88	494.20
		For Work In Restricted Working Space, Add	*374.97*	
		For Owner Furnished Material, Deduct	*-4,914.97*	
22 11 19 00-0315	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)	10,482.52	741.29
		For Work In Restricted Working Space, Add	*562.46*	
		For Owner Furnished Material, Deduct	*-8,607.64*	
22 11 19 00-0316	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series)	13,034.51	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-11,440.33*	

22 11 19 00-0317 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 909 NRS-S series).

22 11 19 00-0318	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	2,722.51	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,452.99*	
22 11 19 00-0319	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	3,078.96	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,779.94*	
22 11 19 00-0320	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	3,996.28	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-3,547.34*	
22 11 19 00-0321	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	6,683.39	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-5,790.65*	
22 11 19 00-0322	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	11,420.46	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-10,081.34*	
22 11 19 00-0323	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series)	15,567.80	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-13,973.62*	

22 11 19 00-0324 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 909 OSY series).

22 11 19 00-0325	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	2,603.24	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,333.72*	
22 11 19 00-0326	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	3,014.35	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,715.32*	
22 11 19 00-0327	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	3,634.51	336.92
		For Work In Restricted Working Space, Add	*134.69*	
		For Owner Furnished Material, Deduct	*-3,185.53*	
22 11 19 00-0328	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	5,962.80	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-5,070.06*	
22 11 19 00-0329	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	10,192.96	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-8,853.84*	
22 11 19 00-0330	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series)	14,300.17	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-12,705.99*	

22 11 19 00-0331 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 NRS BB series).

22 11 19 00-0332	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series)	4,203.35	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-3,933.81*	
22 11 19 00-0333	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series)	4,741.13	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-4,442.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 19 00-0334 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0289)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 OSY BB series).

22 11 19 00-0335	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)	4,391.81	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-4,122.27*	
22 11 19 00-0336	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series)	5,095.39	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-4,796.37*	

22 11 19 00-0337 Double Check Detector Assemblies *(22 11 19 00-0153)*

22 11 19 00-0338 Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0337)*

22 11 19 00-0339 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0338)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0340	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	3,715.82	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-3,416.80*	
22 11 19 00-0341	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	3,945.02	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-3,496.08*	
22 11 19 00-0342	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	5,432.53	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-4,539.79*	
22 11 19 00-0343	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	9,545.05	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-8,205.93*	
22 11 19 00-0344	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,808.91	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-11,214.73*	

22 11 19 00-0345 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0338)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0346	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	2,800.83	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,531.29*	
22 11 19 00-0347	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	2,995.53	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,696.51*	
22 11 19 00-0348	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,314.76	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-2,865.82*	
22 11 19 00-0349	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	4,613.98	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,721.24*	
22 11 19 00-0350	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	8,065.59	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,726.47*	
22 11 19 00-0351	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	9,517.07	876.80
		For Work In Restricted Working Space, Add	*478.25*	
		For Owner Furnished Material, Deduct	*-7,922.89*	

22 11 19 00-0352 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0338)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0353	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	2,960.10	202.15
		For Work In Restricted Working Space, Add	*80.86*	
		For Owner Furnished Material, Deduct	*-2,690.56*	
22 11 19 00-0354	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,154.81	227.42
		For Work In Restricted Working Space, Add	*89.71*	
		For Owner Furnished Material, Deduct	*-2,855.79*	
22 11 19 00-0355	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,474.00	336.92
		For Work In Restricted Working Space, Add	*134.68*	
		For Owner Furnished Material, Deduct	*-3,025.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0356	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	4,777.23	494.20
		For Work In Restricted Working Space, Add	*267.82*	
		For Owner Furnished Material, Deduct	*-3,884.49*	
22 11 19 00-0357	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,869.72	741.29
		For Work In Restricted Working Space, Add	*401.74*	
		For Owner Furnished Material, Deduct	*-6,530.60*	

22 11 19 00-0358 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0337)*

22 11 19 00-0359 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0358)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0360	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	2,750.54	202.15
		For Work In Restricted Working Space, Add	*80.86*	
22 11 19 00-0361	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	2,945.27	227.42
		For Work In Restricted Working Space, Add	*89.71*	
22 11 19 00-0362	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	3,264.49	336.92
		For Work In Restricted Working Space, Add	*134.68*	
22 11 19 00-0363	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	4,563.71	494.20
		For Work In Restricted Working Space, Add	*267.82*	
22 11 19 00-0364	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	8,015.36	741.29
		For Work In Restricted Working Space, Add	*401.74*	
22 11 19 00-0365	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	9,466.76	876.80
		For Work In Restricted Working Space, Add	*478.25*	

22 11 19 00-0366 Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0358)*

Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).

22 11 19 00-0367	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	2,909.80	202.15
		For Work In Restricted Working Space, Add	*80.86*	
22 11 19 00-0368	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	3,104.51	227.42
		For Work In Restricted Working Space, Add	*89.71*	
22 11 19 00-0369	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	3,423.73	336.92
		For Work In Restricted Working Space, Add	*134.68*	
22 11 19 00-0370	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	4,726.93	494.20
		For Work In Restricted Working Space, Add	*267.82*	
22 11 19 00-0371	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	8,178.61	741.29
		For Work In Restricted Working Space, Add	*401.74*	

22 11 19 00-0372 Backflow Preventer Accessories *(22 11 19 00-0153)*

22 11 19 00-0373 Air Gap *(22 11 19 00-0372)*

22 11 19 00-0374	EA	Up To 1" Diameter Air Gap For Backflow Preventer	70.22	11.44
22 11 19 00-0375	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	86.14	13.72
22 11 19 00-0376	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	156.06	18.30
22 11 19 00-0377	EA	4" To 6" Diameter Air Gap For Backflow Preventer	305.52	32.03
22 11 19 00-0378	EA	8" To 10" Diameter Air Gap For Backflow Preventer	332.98	45.75

22 11 19 00-0379 Brass Test Cocks *(22 11 19 00-0372)*

22 11 19 00-0380	EA	1/8" Or 1/4" Brass Test Cock	23.20	4.58

22 11 19 00-0381 Backflow Valve Enclosures *(22 11 19 00-0153)*

22 11 19 00-0382 Flip-Top, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0381)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0383	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	631.13	82.35
		For Heated Enclosure, Add	*74.08*	
22 11 19 00-0384	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	769.32	82.35
		For Heated Enclosure, Add	*94.81*	
22 11 19 00-0385	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	965.08	75.81
		For Heated Enclosure, Add	*125.81*	
22 11 19 00-0386	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,010.81	101.08
		For Heated Enclosure, Add	*126.35*	
22 11 19 00-0387	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,057.67	101.08
		For Heated Enclosure, Add	*133.38*	
22 11 19 00-0388	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,240.32	101.08
		For Heated Enclosure, Add	*160.78*	
22 11 19 00-0389	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,245.13	101.08
		For Heated Enclosure, Add	*161.50*	
22 11 19 00-0390	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,556.35	101.08
		For Heated Enclosure, Add	*208.18*	
22 11 19 00-0391	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,556.00	151.61
		For Heated Enclosure, Add	*495.50*	
22 11 19 00-0392	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,126.54	151.61
		For Heated Enclosure, Add	*731.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0393	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,874.20	151.61
		For Heated Enclosure, Add	*693.23*	
22 11 19 00-0394	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	5,866.80	176.88
		For Heated Enclosure, Add	*835.80*	

22 11 19 00-0395 One-Piece Drop Over, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0381)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0396	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	337.01	21.96
		For Heated Enclosure, Add	*60.08*	
22 11 19 00-0397	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	464.38	21.96
		For Heated Enclosure, Add	*85.56*	
22 11 19 00-0398	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	579.24	20.22
		For Heated Enclosure, Add	*109.11*	
22 11 19 00-0399	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	870.04	20.22
		For Heated Enclosure, Add	*167.27*	
22 11 19 00-0400	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,245.36	37.90
		For Heated Enclosure, Add	*436.44*	
22 11 19 00-0401	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,058.87	37.90
		For Heated Enclosure, Add	*599.14*	
22 11 19 00-0402	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,043.48	37.90
		For Heated Enclosure, Add	*396.06*	
22 11 19 00-0403	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,310.25	37.90
		For Heated Enclosure, Add	*449.41*	
22 11 19 00-0404	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,604.41	37.90
		For Heated Enclosure, Add	*708.25*	

22 11 19 00-0405 Sectional, Insulated Aluminum Valve Enclosures *(22 11 19 00-0381)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0406	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	4,614.84	164.71
		For Heated Enclosure, Add	*651.05*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0407	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	5,079.88	164.71
		For Heated Enclosure, Add	*720.80*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0408	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,612.48	151.61
		For Heated Enclosure, Add	*503.97*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0409	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	3,956.14	151.61
		For Heated Enclosure, Add	*555.52*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0410	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	4,613.56	202.15
		For Heated Enclosure, Add	*641.50*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0411	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,163.91	202.15
		For Heated Enclosure, Add	*724.05*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0412	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,163.91	202.15
		For Heated Enclosure, Add	*724.05*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0413	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,697.44	202.15
		For Heated Enclosure, Add	*804.08*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0414	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	4,287.85	176.88
		For Heated Enclosure, Add	*598.96*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0415	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	5,018.51	202.15
		For Heated Enclosure, Add	*702.24*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0416	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	5,851.25	202.15
		For Heated Enclosure, Add	*827.15*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0417	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	6,420.25	214.79
		For Heated Enclosure, Add	*909.34*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0418	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	6,589.36	233.34
		For Heated Enclosure, Add	*930.07*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0419	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	7,299.58	247.07
		For Heated Enclosure, Add	*1,033.17*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0420	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	7,542.01	227.42
		For Heated Enclosure, Add	*1,074.45*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0421	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	5,490.75	202.15
		For Heated Enclosure, Add	*773.07*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0422	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	5,847.64	202.15
		For Heated Enclosure, Add	*826.61*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0423	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	6,611.31	214.79
		For Heated Enclosure, Add	*938.00*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0424	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	7,999.83	227.42
		For Heated Enclosure, Add	*1,143.12*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0425	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	6,991.65	101.08
		For Heated Enclosure, Add	*991.89*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0426	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	8,388.59	101.08
		For Heated Enclosure, Add	*1,198.28*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0427	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	8,113.42	151.61
		For Heated Enclosure, Add	*1,157.00*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0428	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	9,408.85	151.61
		For Heated Enclosure, Add	*1,345.00*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0429	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	8,684.83	151.61
		For Heated Enclosure, Add	*1,239.55*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0430	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	10,143.67	176.88
		For Heated Enclosure, Add	*1,452.06*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0431	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	10,185.78	151.61
		For Heated Enclosure, Add	*1,452.06*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0432	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	12,072.42	151.61
		For Heated Enclosure, Add	*1,728.74*	
		For One 24" Fluorescent Light Fixture, Add	*423.62*	
		For Two 24" Fluorescent Light Fixture, Add	*758.05*	
22 11 19 00-0433		Faucets (Hose Bibbs) *(22 11 19)*		
22 11 19 00-0434		Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0433)*		
22 11 19 00-0435	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	43.84	9.15
22 11 19 00-0436	EA	3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	51.49	10.07
22 11 19 00-0437	EA	3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	14.92	6.86
22 11 19 00-0438		Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0433)*		
22 11 19 00-0439	EA	3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP	104.44	28.00
22 11 19 00-0440		Antisiphon Freezeless Wall Faucet *(22 11 19 00-0433)*		
22 11 19 00-0441	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	104.12	22.88
22 11 19 00-0442	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	113.07	25.35
22 11 19 00-0443	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	119.72	26.81
22 11 19 00-0444	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	126.36	28.73
22 11 19 00-0445	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	133.10	30.47
22 11 19 00-0446		Escutcheons *(22 11 19)*		
22 11 19 00-0447		Brass Escutcheons *(22 11 19 00-0446)*		
22 11 19 00-0448		Shallow Brass Escutcheons *(22 11 19 00-0447)*		
22 11 19 00-0449	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	10.51	2.28
22 11 19 00-0450	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	11.34	2.28
22 11 19 00-0451		Deep Bell Brass Escutcheons *(22 11 19 00-0447)*		
22 11 19 00-0452	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.42	2.57
22 11 19 00-0453	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.44	2.57
22 11 19 00-0454		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0447)*		
22 11 19 00-0455	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.90	2.28
22 11 19 00-0456	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.02	2.28
22 11 19 00-0457	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.19	2.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0458	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.81	2.28
22 11 19 00-0459	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	14.10	2.75
22 11 19 00-0460	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	14.70	2.75
22 11 19 00-0461	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	15.33	3.02
22 11 19 00-0462	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	16.11	3.20
22 11 19 00-0463	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	22.43	3.66
22 11 19 00-0464		Plastic Escutcheons *(22 11 19 00-0446)*		
22 11 19 00-0465		Split-Ring White Plastic Escutcheons *(22 11 19 00-0464)*		
22 11 19 00-0466	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	4.80	2.28
22 11 19 00-0467	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	4.80	2.28
22 11 19 00-0468	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	5.36	2.56
22 11 19 00-0469	EA	1" IPS, Split-Ring White Plastic Escutcheon	5.83	2.74
22 11 19 00-0470	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	6.32	3.01
22 11 19 00-0471	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	6.78	3.19
22 11 19 00-0472	EA	2" IPS, Split-Ring White Plastic Escutcheon	7.73	3.65
22 11 19 00-0473	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	8.68	3.93
22 11 19 00-0474	EA	3" IPS, Split-Ring White Plastic Escutcheon	9.62	4.11
22 11 19 00-0475	EA	4" IPS, Split-Ring White Plastic Escutcheon	11.02	4.57
22 11 19 00-0476		Chrome Plate Plastic Escutcheons *(22 11 19 00-0464)*		
22 11 19 00-0477	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	5.21	2.28
22 11 19 00-0478	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	5.71	2.56
22 11 19 00-0479	EA	1" IPS, Chrome Plate Plastic Escutcheon	6.28	2.74
22 11 19 00-0480	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	6.86	3.01
22 11 19 00-0481	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	7.33	3.19
22 11 19 00-0482	EA	2" IPS, Chrome Plate Plastic Escutcheon	8.66	3.65
22 11 19 00-0483	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	10.36	3.93
22 11 19 00-0484	EA	3" IPS, Chrome Plate Plastic Escutcheon	10.86	4.11
22 11 19 00-0485	EA	4" IPS, Chrome Plate Plastic Escutcheon	11.87	4.57
22 11 19 00-0486		Stainless Steel Escutcheons *(22 11 19 00-0446)*		
22 11 19 00-0487		Shallow Stainless Steel Escutcheons *(22 11 19 00-0486)*		
22 11 19 00-0488	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	11.32	2.28
22 11 19 00-0489	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	11.32	2.28
22 11 19 00-0490	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	15.40	2.57
22 11 19 00-0491		Chrome Plated Steel Escutcheons *(22 11 19 00-0446)*		
22 11 19 00-0492		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0491)*		
22 11 19 00-0493	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	4.92	2.28
22 11 19 00-0494	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.37	2.56
22 11 19 00-0495	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.89	2.74
22 11 19 00-0496	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.35	3.01
22 11 19 00-0497	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.80	3.19
22 11 19 00-0498	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.82	3.65
22 11 19 00-0499	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.66	3.93
22 11 19 00-0500	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	11.30	4.11
22 11 19 00-0501	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	13.42	4.38
22 11 19 00-0502	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	12.38	4.57
22 11 19 00-0503	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	15.37	5.02
22 11 19 00-0504	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.66	5.47
22 11 19 00-0505		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0491)*		
22 11 19 00-0506	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	6.91	2.28
22 11 19 00-0507	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	6.91	2.28
22 11 19 00-0508	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	7.44	2.56
22 11 19 00-0509	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.19	2.74
22 11 19 00-0510	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.86	3.01
22 11 19 00-0511	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	9.41	3.19
22 11 19 00-0512	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.07	3.65
22 11 19 00-0513	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.52	3.93
22 11 19 00-0514	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.84	4.11
22 11 19 00-0515	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.74	4.38
22 11 19 00-0516	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	18.11	4.57
22 11 19 00-0517	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	28.15	5.02
22 11 19 00-0518	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	29.55	5.47
22 11 19 00-0519		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0491)*		
22 11 19 00-0520	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.88	2.57
22 11 19 00-0521	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.82	2.57
22 11 19 00-0522	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	5.70	2.57
22 11 19 00-0523	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.23	2.75
22 11 19 00-0524	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.76	3.02
22 11 19 00-0525	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.39	3.20

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0526		Shallow Chrome Plated Steel Escutcheons *(22 11 19 00-0491)*			
22 11 19 00-0527	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon		5.47	2.28
22 11 19 00-0528	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon		5.47	2.28
22 11 19 00-0529	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon		5.52	2.28
22 11 19 00-0530	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon		5.88	2.75
22 11 19 00-0531	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon		6.37	3.02
22 11 19 00-0532	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon		7.00	3.20
22 11 19 00-0533	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon		7.95	3.66
22 11 19 00-0534		Keyed, Recessed Valve Boxes *(22 11 19)*			
22 11 19 00-0535	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box		206.08	27.37
22 11 19 00-0536	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box		227.70	27.37
22 11 19 00-0537	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box		260.13	27.37
22 11 19 00-0538	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box		256.76	36.50
22 11 19 00-0539	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box		289.19	36.50
22 11 19 00-0540	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box		298.92	36.50
22 11 19 00-0541	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box		240.67	27.37
22 11 19 00-0542	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box		288.24	27.37
22 11 19 00-0543	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box		330.39	27.37
22 11 19 00-0544	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box		317.30	36.50
22 11 19 00-0545	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box		359.45	36.50
22 11 19 00-0546	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box		375.67	36.50

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps And Tanks *(22 11 23)*

Note: Includes motor starter and controls.

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*			
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank		8,090.53	269.54
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank		8,435.40	362.18
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank		8,836.87	454.84
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank		9,210.05	547.49
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank		10,205.99	640.15
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank		11,343.48	732.80
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank		12,141.27	825.45
22 11 23 13-0009		Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*			
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator		21,892.22	1,090.80
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator		26,321.60	1,158.98
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator		30,769.03	1,227.15
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*			
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		28,734.86	1,158.98
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		35,711.25	1,227.15
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		44,337.87	1,363.51
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		56,102.09	1,499.86
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		67,866.31	1,636.20
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		79,043.01	1,840.72
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		90,219.72	2,045.26
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		101,396.43	2,249.78
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator		112,743.57	2,522.48
22 11 23 13-0023		Variable Speed Duplex Domestic Water Pressure Booster Skid *(22 11 23 13)*			
		Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.			
22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)		22,193.16	1,119.57
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)		23,188.76	1,119.57
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)		24,611.36	1,119.57
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)		26,662.02	1,119.57
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)		25,221.93	1,189.54
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)		27,012.07	1,189.54
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)		29,443.24	1,189.54
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)		31,419.30	1,189.54
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)		27,542.66	1,259.52
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)		29,310.09	1,259.52
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)		33,262.23	1,259.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	39,895.24	1,259.52
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	29,061.46	1,259.52
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	32,666.60	1,259.52
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	40,602.22	1,259.52
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	40,373.05	1,259.52
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	48,110.46	1,399.47
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	33,246.71	1,399.47
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	40,473.19	1,399.47
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	40,245.10	1,399.47
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	48,465.03	1,399.47
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	58,519.41	1,399.47
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	27,935.43	1,119.57

22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	27,935.43	1,119.57
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	31,197.89	1,119.57
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	34,012.82	1,119.57
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	31,372.82	1,189.54
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	34,168.29	1,189.54
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	32,025.75	1,189.54
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	34,428.81	1,189.54
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	37,733.43	1,189.54
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	40,472.68	1,189.54
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	32,358.51	1,259.52
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	34,761.57	1,259.52
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	38,065.11	1,259.52
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	40,804.36	1,259.52
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	35,061.01	1,259.52
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	37,368.95	1,259.52
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	43,071.22	1,259.52
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	52,376.47	1,259.52
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	35,882.19	1,399.47
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	38,191.20	1,399.47
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	43,893.48	1,399.47
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	53,197.65	1,399.47
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	37,817.18	1,399.47
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	42,999.49	1,399.47
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	54,257.03	1,399.47
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	55,347.75	1,399.47
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	68,415.96	1,399.47
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	42,900.37	1,679.37
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	51,441.35	1,679.37
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	54,680.03	1,679.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	65,789.47	1,679.37
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	81,335.33	1,679.37

22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*
Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	633.29	151.61
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	647.01	151.61
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	674.18	154.56
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	735.93	160.88
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	1,228.75	166.85
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	1,302.46	166.85
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	1,897.84	183.71
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	1,986.67	201.83
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	2,388.71	222.05
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	2,454.37	244.38
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	2,684.96	268.40
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	3,781.35	295.37
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	4,333.37	309.69

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*
Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	638.29	151.61
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	985.52	151.61
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	991.62	154.56
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	1,009.51	157.93
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	1,015.39	160.88
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	1,036.89	166.85
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	1,250.83	183.71
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	1,602.15	222.05
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	1,695.94	244.38
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	1,966.43	268.40
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	2,599.35	295.37
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	3,011.56	309.69
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	2,845.58	325.28
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,064.91	357.55
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,367.26	379.21
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	4,209.44	421.35
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	4,508.51	505.70
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	5,710.35	590.14

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks *(22 12)*

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*

22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	24,689.40	7,174.80
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	27,323.12	7,174.80
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	47,896.41	11,072.24
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	61,864.61	14,349.59

22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*

22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	28,591.21	7,174.80
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	37,760.48	7,174.80
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	56,659.67	11,072.24
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	79,840.68	14,349.59

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*

22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	1,865.91	336.92
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	2,312.24	421.15
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	4,214.87	463.26
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	4,660.01	505.37
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	9,179.93	547.49
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	7,929.87	589.60
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	13,548.40	631.72
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	12,500.72	673.83
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	13,577.45	715.95

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	16,161.39	758.06

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*

	22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	1,604.95	336.92
	22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	3,047.24	421.15
	22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	3,799.84	463.26
	22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	4,685.70	505.37
	22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	3,992.30	505.37
	22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	6,134.93	547.49
	22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	6,639.16	589.60
	22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	6,324.16	589.60
	22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	5,779.26	589.60
	22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	7,878.40	631.72
	22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	8,544.66	673.83
	22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	9,909.14	715.95
	22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	18,494.58	758.06

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

	22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	440.78	189.52
			For Saddle Assembly, Add	*481.48*	
	22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	515.89	221.10
			For Saddle Assembly, Add	*481.48*	
	22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	607.51	252.69
			For Saddle Assembly, Add	*537.58*	
	22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	728.82	284.27
			For Saddle Assembly, Add	*756.48*	
	22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	862.24	315.86
			For Two Tie Down Bands, Add	*285.04*	
	22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,104.98	415.49
			For Two Tie Down Bands, Add	*300.44*	
	22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,590.30	484.74
			For Three Tie Down Bands, Add	*500.16*	
	22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,229.14	553.99
			For Three Tie Down Bands, Add	*503.46*	
	22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,751.57	623.23
			For Four Tie Down Bands, Add	*680.08*	
	22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,206.30	692.48
			For Four Tie Down Bands, Add	*904.48*	
	22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,480.63	761.73
			For Four Tie Down Bands, Add	*1,150.88*	
	22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,166.96	830.98
			For Four Tie Down Bands, Add	*1,234.48*	
	22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	7,383.29	1,107.97
			For Four Tie Down Bands, Add	*1,379.68*	
	22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	9,404.99	1,107.97
			For Five Tie Down Bands, Add	*2,126.09*	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

	22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	503.01	252.69
	22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	588.97	268.48
	22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	641.92	284.27
	22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	764.34	315.86
	22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	880.46	379.03
	22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,037.29	442.21
	22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	1,403.04	553.99
	22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	1,805.50	692.48
	22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,381.76	830.98
	22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,061.43	969.47
	22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,360.39	1,107.97
	22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,789.15	1,246.47
	22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	6,550.21	1,384.96
	22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	7,216.68	1,523.46
	22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,272.53	1,661.96
	22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	9,309.70	1,800.45
	22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	11,391.86	1,938.95
	22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	13,653.18	2,215.94

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0001		**Fixture Rough-In** *(22 13 13)* Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0345 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.		
22 13 13 00-0002		**Single Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	688.89	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	859.63	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	636.61	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	402.12	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	473.05	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	616.79	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	645.18	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	391.86	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	636.61	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	662.73	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	620.60	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	688.89	
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,074.11	
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	666.26	
22 13 13 00-0017		**Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	875.91	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,152.30	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	758.21	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	469.36	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	649.68	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	684.84	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	448.18	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	766.61	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	692.02	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	670.98	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	875.91	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	437.56	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	576.14	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	379.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	235.10	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	324.85	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	342.40	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	245.14	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	382.89	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	346.01	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	335.90	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	431.66	

22 13 13 00-0041 Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0042	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	370.25	
22 13 13 00-0043	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	343.12	
22 13 13 00-0044	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	363.13	
22 13 13 00-0045	EA	Wall Mounted Urinal, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	206.85	
22 13 13 00-0046	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	241.30	
22 13 13 00-0047	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	344.88	
22 13 13 00-0048	EA	Bathtub, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	336.22	
22 13 13 00-0049	EA	Free Standing Water Cooler, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	208.59	
22 13 13 00-0050	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	363.13	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	394.75	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	357.82	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	370.15	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	565.20	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	354.64	

22 13 13 00-0056 Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	426.43	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	443.74	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	373.10	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	215.87	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	342.97	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	354.02	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	216.15	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	380.58	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	398.68	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	379.89	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	426.43	
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	212.87	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	221.45	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	186.79	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	107.97	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	171.47	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	176.80	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	108.07	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	190.21	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	199.37	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	190.30	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	207.29	
22 13 16		**Sanitary Waste And Vent Piping** *(22 13)*		
22 13 16 00-0001		Cast Iron Soil Pipe Assemblies *(22 13 16)*		
22 13 16 00-0002		Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)* Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	22.72	5.30
		For Work In Restricted Working Space, Add	*3.89*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	32.19	8.00
		For Work In Restricted Working Space, Add	*5.28*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	41.72	10.20
		For Work In Restricted Working Space, Add	*6.79*	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	47.91	12.43
		For Work In Restricted Working Space, Add	*7.00*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	55.85	13.55
		For Work In Restricted Working Space, Add	*7.77*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	87.22	19.26
		For Work In Restricted Working Space, Add	*10.90*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	124.60	19.26
		For Work In Restricted Working Space, Add	*12.34*	
22 13 16 00-0010		Aboveground No Hub Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	19.32	5.05
		For Work In Restricted Working Space, Add	*4.22*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	20.59	5.39
		For Work In Restricted Working Space, Add	*4.55*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	26.82	7.83
		For Work In Restricted Working Space, Add	*5.84*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	33.12	10.20
		For Work In Restricted Working Space, Add	*7.19*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	53.57	12.20
		For Work In Restricted Working Space, Add	*11.64*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	58.81	13.31
		For Work In Restricted Working Space, Add	*12.45*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	95.41	19.09
		For Work In Restricted Working Space, Add	*19.88*	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	96.10	21.70
		For Work In Restricted Working Space, Add	*14.48*	

22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).

22 13 16 00-0020 Bell And Spigot Cast Iron Pipe *(22 13 16 00-0019)*

Note: Excludes excavation, hangers, gaskets, and fittings.

22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	15.82	5.30
		For Extra Heavy Pipe, Add	*3.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.40*	
		For Work In Restricted Working Space, Add	*2.41*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	23.22	8.00
		For Extra Heavy Pipe, Add	*4.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.61*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	29.86	10.20
		For Extra Heavy Pipe, Add	*6.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.77*	
		For Work In Restricted Working Space, Add	*4.60*	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	39.12	12.43
		For Extra Heavy Pipe, Add	*8.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.93*	
		For Work In Restricted Working Space, Add	*5.58*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	45.28	13.55
		For Extra Heavy Pipe, Add	*10.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.01*	
		For Work In Restricted Working Space, Add	*6.09*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	67.76	19.26
		For Extra Heavy Pipe, Add	*16.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.44*	
		For Work In Restricted Working Space, Add	*8.67*	
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	97.22	21.70
		For Extra Heavy Pipe, Add	*27.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.63*	
		For Work In Restricted Working Space, Add	*9.75*	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	137.34	28.92
		For Extra Heavy Pipe, Add	*39.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.17*	
		For Work In Restricted Working Space, Add	*13.00*	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	189.40	34.69
		For Extra Heavy Pipe, Add	*57.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.60*	
		For Work In Restricted Working Space, Add	*15.60*	

22 13 16 00-0030 Bell And Spigot Cast Iron Fittings *(22 13 16 00-0019)*

22 13 16 00-0031 Bell And Spigot Cast Iron Long Sweeps *(22 13 16 00-0030)*

22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	71.43	24.18
		For Extra Heavy Fittings, Add	*12.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	116.98	30.41
		For Extra Heavy Fittings, Add	*25.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	155.83	40.43
		For Extra Heavy Fittings, Add	*33.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	239.20	52.60
		For Extra Heavy Fittings, Add	*56.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.94*	
		For Work In Restricted Working Space, Add	*23.66*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	459.18	67.76
		For Extra Heavy Fittings, Add	*125.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.47*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	624.49	83.36
		For Extra Heavy Fittings, Add	*174.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.25*	
		For Work In Restricted Working Space, Add	*37.50*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	953.19	116.34
		For Extra Heavy Fittings, Add	*272.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.72*	
		For Work In Restricted Working Space, Add	*52.33*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	1,749.06	162.01
		For Extra Heavy Fittings, Add	*527.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.14*	
		For Work In Restricted Working Space, Add	*72.86*	

22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0030)*

22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	62.14	24.18
		For Extra Heavy Fittings, Add	*9.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	101.38	30.41
		For Extra Heavy Fittings, Add	*19.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	138.29	40.43
		For Extra Heavy Fittings, Add	*27.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	201.35	44.72
		For Extra Heavy Fittings, Add	*47.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.35*	
		For Work In Restricted Working Space, Add	*20.11*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	242.54	52.60
		For Extra Heavy Fittings, Add	*57.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.94*	
		For Work In Restricted Working Space, Add	*23.66*	
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	391.93	67.76
		For Extra Heavy Fittings, Add	*101.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.47*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	567.12	83.36
		For Extra Heavy Fittings, Add	*154.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.25*	
		For Work In Restricted Working Space, Add	*37.50*	
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	931.80	116.34
		For Extra Heavy Fittings, Add	*265.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.72*	
		For Work In Restricted Working Space, Add	*52.33*	

22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0030)*

22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	56.85	24.09
		For Extra Heavy Fittings, Add	*7.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.85*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	82.05	27.12
		For Extra Heavy Fittings, Add	*14.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.03*	
		For Work In Restricted Working Space, Add	*12.21*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	116.25	36.13
		For Extra Heavy Fittings, Add	*21.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.71*	
		For Work In Restricted Working Space, Add	*16.25*	
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	143.22	39.93
		For Extra Heavy Fittings, Add	*29.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.99*	
		For Work In Restricted Working Space, Add	*17.95*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	172.20	47.83
		For Extra Heavy Fittings, Add	*35.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.59*	
		For Work In Restricted Working Space, Add	*21.53*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	342.79	62.39
		For Extra Heavy Fittings, Add	*87.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.68*	
		For Work In Restricted Working Space, Add	*28.06*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	499.18	75.72
		For Extra Heavy Fittings, Add	*134.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.68*	
		For Work In Restricted Working Space, Add	*34.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	654.04	89.37
		For Extra Heavy Fittings, Add	*182.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.70*	
		For Work In Restricted Working Space, Add	*40.20*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	1,637.18	140.96
		For Extra Heavy Fittings, Add	*499.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.57*	
		For Work In Restricted Working Space, Add	*63.39*	

22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	52.74	24.18
		For Extra Heavy Fittings, Add	*5.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	79.63	30.41
		For Extra Heavy Fittings, Add	*11.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	112.34	40.43
		For Extra Heavy Fittings, Add	*18.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	140.14	49.97
		For Extra Heavy Fittings, Add	*22.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.75*	
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	161.27	55.72
		For Extra Heavy Fittings, Add	*27.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.18*	
		For Work In Restricted Working Space, Add	*25.07*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	306.44	74.74
		For Extra Heavy Fittings, Add	*68.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.62*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	423.79	92.21
		For Extra Heavy Fittings, Add	*99.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.91*	
		For Work In Restricted Working Space, Add	*41.49*	
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	673.26	119.60
		For Extra Heavy Fittings, Add	*172.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.96*	
		For Work In Restricted Working Space, Add	*53.78*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	1,255.78	140.96
		For Extra Heavy Fittings, Add	*365.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.57*	
		For Work In Restricted Working Space, Add	*63.39*	

22 13 16 00-0069 Bell And Spigot Cast Iron Wyes *(22 13 16 00-0030)*

22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	96.89	53.99
		For Extra Heavy Fittings, Add	*5.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.30*	
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	118.44	59.13
		For Extra Heavy Fittings, Add	*10.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	155.78	77.49
		For Extra Heavy Fittings, Add	*13.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	195.01	86.01
		For Extra Heavy Fittings, Add	*23.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.45*	
		For Work In Restricted Working Space, Add	*38.69*	
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	242.33	101.94
		For Extra Heavy Fittings, Add	*31.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.64*	
		For Work In Restricted Working Space, Add	*45.86*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	424.03	136.49
		For Extra Heavy Fittings, Add	*76.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.23*	
		For Work In Restricted Working Space, Add	*61.40*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	580.34	154.85
		For Extra Heavy Fittings, Add	*121.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.61*	
		For Work In Restricted Working Space, Add	*69.64*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	842.77	188.49
		For Extra Heavy Fittings, Add	*196.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.13*	
		For Work In Restricted Working Space, Add	*84.78*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	1,276.26	211.49
		For Extra Heavy Fittings, Add	*335.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.85*	
		For Work In Restricted Working Space, Add	*95.12*	

22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	141.80	56.43
		For Extra Heavy Fittings, Add	*20.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.23*	
		For Work In Restricted Working Space, Add	*25.39*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	173.02	69.74
		For Extra Heavy Fittings, Add	*23.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.23*	
		For Work In Restricted Working Space, Add	*31.38*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	190.55	71.51
		For Extra Heavy Fittings, Add	*29.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.18*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	275.70	91.35
		For Extra Heavy Fittings, Add	*48.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.07*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	282.59	93.02
		For Extra Heavy Fittings, Add	*50.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.85*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	296.52	99.23
		For Extra Heavy Fittings, Add	*51.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.64*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	421.99	109.77
		For Extra Heavy Fittings, Add	*90.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.23*	
		For Work In Restricted Working Space, Add	*49.36*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	440.01	111.87
		For Extra Heavy Fittings, Add	*95.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.38*	
		For Work In Restricted Working Space, Add	*50.31*	
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	451.63	117.16
		For Extra Heavy Fittings, Add	*96.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.78*	
		For Work In Restricted Working Space, Add	*52.70*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	530.54	130.32
		For Extra Heavy Fittings, Add	*117.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.63*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	639.50	122.12
		For Extra Heavy Fittings, Add	*159.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.15*	
		For Work In Restricted Working Space, Add	*54.93*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	665.42	127.48
		For Extra Heavy Fittings, Add	*165.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.56*	
		For Work In Restricted Working Space, Add	*57.35*	
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	728.52	140.96
		For Extra Heavy Fittings, Add	*181.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.57*	
		For Work In Restricted Working Space, Add	*63.39*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	949.22	149.50
		For Extra Heavy Fittings, Add	*253.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.21*	
		For Work In Restricted Working Space, Add	*67.24*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	975.33	149.50
		For Extra Heavy Fittings, Add	*262.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.21*	
		For Work In Restricted Working Space, Add	*67.24*	
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,017.55	162.01
		For Extra Heavy Fittings, Add	*271.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.14*	
		For Work In Restricted Working Space, Add	*72.86*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	1,187.20	170.04
		For Extra Heavy Fittings, Add	*326.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.74*	
		For Work In Restricted Working Space, Add	*76.47*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	1,431.12	175.08
		For Extra Heavy Fittings, Add	*409.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.13*	
		For Work In Restricted Working Space, Add	*78.75*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	2,319.02	165.09
		For Extra Heavy Fittings, Add	*725.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.38*	
		For Work In Restricted Working Space, Add	*74.25*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	2,422.70	178.66
		For Extra Heavy Fittings, Add	*754.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.40*	
		For Work In Restricted Working Space, Add	*80.37*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	2,473.89	186.37
		For Extra Heavy Fittings, Add	*768.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.97*	
		For Work In Restricted Working Space, Add	*83.83*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	2,532.24	192.72
		For Extra Heavy Fittings, Add	*785.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.44*	
		For Work In Restricted Working Space, Add	*86.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	2,598.66	203.93
		For Extra Heavy Fittings, Add	*802.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.29*	
		For Work In Restricted Working Space, Add	*91.72*	

22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	103.69	53.99
		For Extra Heavy Fittings, Add	*7.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.30*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	122.63	59.13
		For Extra Heavy Fittings, Add	*11.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	163.08	77.49
		For Extra Heavy Fittings, Add	*16.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	220.26	90.23
		For Extra Heavy Fittings, Add	*29.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.76*	
		For Work In Restricted Working Space, Add	*40.57*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	275.42	111.91
		For Extra Heavy Fittings, Add	*37.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.39*	
		For Work In Restricted Working Space, Add	*50.33*	
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	482.44	146.98
		For Extra Heavy Fittings, Add	*91.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.02*	
		For Work In Restricted Working Space, Add	*66.10*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	688.77	192.72
		For Extra Heavy Fittings, Add	*139.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.44*	
		For Work In Restricted Working Space, Add	*86.66*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	919.41	247.72
		For Extra Heavy Fittings, Add	*191.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.57*	
		For Work In Restricted Working Space, Add	*111.42*	

22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	110.11	56.43
		For Extra Heavy Fittings, Add	*8.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.23*	
		For Work In Restricted Working Space, Add	*25.39*	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	151.41	69.74
		For Extra Heavy Fittings, Add	*16.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.23*	
		For Work In Restricted Working Space, Add	*31.38*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	162.03	71.51
		For Extra Heavy Fittings, Add	*19.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.18*	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	234.80	91.35
		For Extra Heavy Fittings, Add	*34.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.07*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	243.76	93.02
		For Extra Heavy Fittings, Add	*36.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.85*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	258.63	99.23
		For Extra Heavy Fittings, Add	*38.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.64*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	346.02	109.77
		For Extra Heavy Fittings, Add	*63.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.23*	
		For Work In Restricted Working Space, Add	*49.36*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	357.15	117.16
		For Extra Heavy Fittings, Add	*63.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.78*	
		For Work In Restricted Working Space, Add	*52.70*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	444.56	130.32
		For Extra Heavy Fittings, Add	*87.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.63*	

22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	159.60	64.60
		For Extra Heavy Fittings, Add	*21.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.84*	
		For Work In Restricted Working Space, Add	*29.04*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	227.50	81.45
		For Extra Heavy Fittings, Add	*36.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.10*	
		For Work In Restricted Working Space, Add	*36.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	305.85	103.01
		For Extra Heavy Fittings, Add	*52.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.72*	
		For Work In Restricted Working Space, Add	*46.35*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	570.61	156.62
		For Extra Heavy Fittings, Add	*117.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.74*	
		For Work In Restricted Working Space, Add	*70.45*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,093.88	184.51
		For Extra Heavy Fittings, Add	*286.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.83*	
		For Work In Restricted Working Space, Add	*82.97*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	1,435.49	206.45
		For Extra Heavy Fittings, Add	*394.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.48*	
		For Work In Restricted Working Space, Add	*92.85*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,034.27	247.72
		For Extra Heavy Fittings, Add	*232.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.57*	
		For Work In Restricted Working Space, Add	*111.42*	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	2,753.27	259.99
		For Extra Heavy Fittings, Add	*827.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.50*	
		For Work In Restricted Working Space, Add	*117.00*	

22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	151.62	76.40
		For Extra Heavy Fittings, Add	*12.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.73*	
		For Work In Restricted Working Space, Add	*34.37*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	175.79	87.76
		For Extra Heavy Fittings, Add	*15.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.58*	
		For Work In Restricted Working Space, Add	*39.48*	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	189.28	92.06
		For Extra Heavy Fittings, Add	*17.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.90*	
		For Work In Restricted Working Space, Add	*41.43*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	239.27	108.64
		For Extra Heavy Fittings, Add	*26.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.14*	
		For Work In Restricted Working Space, Add	*48.86*	
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	252.76	112.78
		For Extra Heavy Fittings, Add	*29.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.45*	
		For Work In Restricted Working Space, Add	*50.72*	
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	288.30	122.99
		For Extra Heavy Fittings, Add	*36.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.22*	
		For Work In Restricted Working Space, Add	*55.32*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	443.82	142.18
		For Extra Heavy Fittings, Add	*80.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.66*	
		For Work In Restricted Working Space, Add	*63.93*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	488.41	168.26
		For Extra Heavy Fittings, Add	*82.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.62*	
		For Work In Restricted Working Space, Add	*75.69*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	473.05	152.09
		For Extra Heavy Fittings, Add	*85.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.40*	
		For Work In Restricted Working Space, Add	*68.42*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	551.83	178.66
		For Extra Heavy Fittings, Add	*99.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.40*	
		For Work In Restricted Working Space, Add	*80.37*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	670.57	194.74
		For Extra Heavy Fittings, Add	*132.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.60*	
		For Work In Restricted Working Space, Add	*87.60*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	685.04	199.22
		For Extra Heavy Fittings, Add	*135.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.94*	
		For Work In Restricted Working Space, Add	*89.61*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	861.60	216.76
		For Extra Heavy Fittings, Add	*187.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.25*	
		For Work In Restricted Working Space, Add	*97.49*	

22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	137.10	64.60
		For Extra Heavy Fittings, Add	*14.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.84*	
		For Work In Restricted Working Space, Add	*29.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	184.44	86.41
		For Extra Heavy Fittings, Add	*19.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.48*	
		For Work In Restricted Working Space, Add	*38.87*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	239.18	108.06
		For Extra Heavy Fittings, Add	*27.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.10*	
		For Work In Restricted Working Space, Add	*48.59*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	501.79	175.04
		For Extra Heavy Fittings, Add	*83.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.12*	
		For Work In Restricted Working Space, Add	*78.74*	

22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	179.83	77.49
		For Extra Heavy Fittings, Add	*22.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	211.83	87.76
		For Extra Heavy Fittings, Add	*28.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.58*	
		For Work In Restricted Working Space, Add	*39.48*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	237.50	97.71
		For Extra Heavy Fittings, Add	*31.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.32*	
		For Work In Restricted Working Space, Add	*43.93*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	451.29	130.56
		For Extra Heavy Fittings, Add	*89.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.79*	
		For Work In Restricted Working Space, Add	*58.73*	

22 13 16 00-0155 Bell And Spigot Cast Iron Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	112.46	54.08
		For Extra Heavy Fittings, Add	*10.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.32*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	127.00	59.13
		For Extra Heavy Fittings, Add	*13.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	195.91	72.43
		For Extra Heavy Fittings, Add	*30.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.43*	
		For Work In Restricted Working Space, Add	*32.60*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	274.65	79.55
		For Extra Heavy Fittings, Add	*54.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.97*	
		For Work In Restricted Working Space, Add	*35.80*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	329.46	95.42
		For Extra Heavy Fittings, Add	*65.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.15*	
		For Work In Restricted Working Space, Add	*42.92*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	677.77	124.72
		For Extra Heavy Fittings, Add	*171.77*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.35*	
		For Work In Restricted Working Space, Add	*56.10*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,005.37	152.09
		For Extra Heavy Fittings, Add	*272.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.40*	
		For Work In Restricted Working Space, Add	*68.42*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	1,482.13	178.66
		For Extra Heavy Fittings, Add	*424.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.40*	
		For Work In Restricted Working Space, Add	*80.37*	

22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	144.78	56.43
		For Extra Heavy Fittings, Add	*21.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.23*	
		For Work In Restricted Working Space, Add	*25.39*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	171.15	66.12
		For Extra Heavy Fittings, Add	*25.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	178.09	66.12
		For Extra Heavy Fittings, Add	*27.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	266.44	91.35
		For Extra Heavy Fittings, Add	*45.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.84*	
		For Work In Restricted Working Space, Add	*41.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	276.64	93.02
		For Extra Heavy Fittings, Add	*48.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.85*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	299.49	99.23
		For Extra Heavy Fittings, Add	*52.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.64*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	490.96	117.16
		For Extra Heavy Fittings, Add	*110.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.78*	
		For Work In Restricted Working Space, Add	*52.70*	
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	610.18	130.32
		For Extra Heavy Fittings, Add	*145.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.63*	

22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0030)*

22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	99.33	53.99
		For Extra Heavy Fittings, Add	*6.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.30*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	120.59	59.13
		For Extra Heavy Fittings, Add	*11.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	159.41	77.49
		For Extra Heavy Fittings, Add	*15.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	199.77	90.23
		For Extra Heavy Fittings, Add	*22.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.76*	
		For Work In Restricted Working Space, Add	*40.57*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	250.90	111.91
		For Extra Heavy Fittings, Add	*29.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.39*	
		For Work In Restricted Working Space, Add	*50.33*	
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	413.83	146.98
		For Extra Heavy Fittings, Add	*67.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.02*	
		For Work In Restricted Working Space, Add	*66.10*	

22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	101.48	53.99
		For Extra Heavy Fittings, Add	*7.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.30*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	111.83	59.13
		For Extra Heavy Fittings, Add	*8.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	144.70	77.49
		For Extra Heavy Fittings, Add	*9.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	

22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses *(22 13 16 00-0030)*

22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	102.84	53.99
		For Extra Heavy Fittings, Add	*7.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.05*	
		For Work In Restricted Working Space, Add	*24.30*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	114.40	59.13
		For Extra Heavy Fittings, Add	*9.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	151.18	77.49
		For Extra Heavy Fittings, Add	*12.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	

22 13 16 00-0188 Bell And Spigot Cast Iron Reducers *(22 13 16 00-0030)*

22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	57.13	30.41
		For Extra Heavy Fittings, Add	*4.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	72.30	40.10
		For Extra Heavy Fittings, Add	*4.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.01*	
		For Work In Restricted Working Space, Add	*18.05*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	76.36	40.43
		For Extra Heavy Fittings, Add	*5.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	95.36	48.30
		For Extra Heavy Fittings, Add	*8.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.62*	
		For Work In Restricted Working Space, Add	*21.74*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	99.16	48.94
		For Extra Heavy Fittings, Add	*9.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.67*	
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	102.13	49.97
		For Extra Heavy Fittings, Add	*9.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.75*	
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	127.48	51.50
		For Extra Heavy Fittings, Add	*17.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.86*	
		For Work In Restricted Working Space, Add	*23.16*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	145.69	63.29
		For Extra Heavy Fittings, Add	*17.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.74*	
		For Work In Restricted Working Space, Add	*28.47*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	149.51	64.91
		For Extra Heavy Fittings, Add	*18.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.87*	
		For Work In Restricted Working Space, Add	*29.21*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	154.67	67.76
		For Extra Heavy Fittings, Add	*18.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.47*	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	190.04	76.04
		For Extra Heavy Fittings, Add	*26.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.70*	
		For Work In Restricted Working Space, Add	*34.21*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	200.26	79.86
		For Extra Heavy Fittings, Add	*28.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.99*	
		For Work In Restricted Working Space, Add	*35.94*	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	212.74	83.36
		For Extra Heavy Fittings, Add	*30.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.25*	
		For Work In Restricted Working Space, Add	*37.50*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	259.51	90.35
		For Extra Heavy Fittings, Add	*43.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.77*	
		For Work In Restricted Working Space, Add	*40.62*	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	291.25	105.70
		For Extra Heavy Fittings, Add	*46.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.93*	
		For Work In Restricted Working Space, Add	*47.56*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	317.21	120.40
		For Extra Heavy Fittings, Add	*47.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.03*	
		For Work In Restricted Working Space, Add	*54.17*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	349.96	138.69
		For Extra Heavy Fittings, Add	*49.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.40*	
		For Work In Restricted Working Space, Add	*62.38*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	441.87	138.69
		For Extra Heavy Fittings, Add	*81.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.40*	
		For Work In Restricted Working Space, Add	*62.38*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	470.87	149.50
		For Extra Heavy Fittings, Add	*86.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.21*	
		For Work In Restricted Working Space, Add	*67.24*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	491.03	157.61
		For Extra Heavy Fittings, Add	*89.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.82*	
		For Work In Restricted Working Space, Add	*70.91*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	518.19	168.26
		For Extra Heavy Fittings, Add	*93.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.62*	
		For Work In Restricted Working Space, Add	*75.69*	

22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0030)*

22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	56.05	24.18
		For Extra Heavy Fittings, Add	*6.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	74.38	30.41
		For Extra Heavy Fittings, Add	*10.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	101.02	40.43
		For Extra Heavy Fittings, Add	*14.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	153.67	44.72
		For Extra Heavy Fittings, Add	*30.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.35*	
		For Work In Restricted Working Space, Add	*20.11*	
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	203.65	52.60
		For Extra Heavy Fittings, Add	*43.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.94*	
		For Work In Restricted Working Space, Add	*23.66*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	434.69	67.76
		For Extra Heavy Fittings, Add	*116.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.08*	
		For Work In Restricted Working Space, Add	*30.47*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	484.90	83.36
		For Extra Heavy Fittings, Add	*125.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.25*	
		For Work In Restricted Working Space, Add	*37.50*	

22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0030)*

22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	63.58	24.18
		For Extra Heavy Fittings, Add	*9.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	89.19	30.41
		For Extra Heavy Fittings, Add	*15.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	128.55	40.43
		For Extra Heavy Fittings, Add	*23.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	205.08	49.97
		For Extra Heavy Fittings, Add	*45.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.75*	
		For Work In Restricted Working Space, Add	*22.47*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	218.62	55.72
		For Extra Heavy Fittings, Add	*47.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.18*	
		For Work In Restricted Working Space, Add	*25.07*	

22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0030)*

22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	147.89	58.37
		For Above Ground Cast Iron Pipe Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	196.78	76.73
		For Above Ground Cast Iron Pipe Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	259.60	86.80
		For Above Ground Cast Iron Pipe Installation, Add	*6.56*	
		For Work In Restricted Working Space, Add	*39.37*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	494.35	98.36
		For Above Ground Cast Iron Pipe Installation, Add	*7.44*	
		For Work In Restricted Working Space, Add	*44.64*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	1,547.57	115.86
		For Above Ground Cast Iron Pipe Installation, Add	*8.78*	
		For Work In Restricted Working Space, Add	*52.70*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	1,676.86	129.26
		For Above Ground Cast Iron Pipe Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.63*	

22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0030)*

22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	191.27	80.61
		For Above Ground Cast Iron Pipe Installation, Add	*6.10*	
		For Work In Restricted Working Space, Add	*36.62*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	258.29	101.75
		For Above Ground Cast Iron Pipe Installation, Add	*7.72*	
		For Work In Restricted Working Space, Add	*46.35*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	555.47	121.56
		For Above Ground Cast Iron Pipe Installation, Add	*9.22*	
		For Work In Restricted Working Space, Add	*55.32*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	646.43	147.14
		For Above Ground Cast Iron Pipe Installation, Add	*11.15*	
		For Work In Restricted Working Space, Add	*66.89*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	1,672.48	140.47
		For Above Ground Cast Iron Pipe Installation, Add	*10.66*	
		For Work In Restricted Working Space, Add	*63.93*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,839.61	166.80
		For Above Ground Cast Iron Pipe Installation, Add	*12.62*	
		For Work In Restricted Working Space, Add	*75.69*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	2,436.48	192.47
		For Above Ground Cast Iron Pipe Installation, Add	*14.60*	
		For Work In Restricted Working Space, Add	*87.60*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	3,356.49	222.54
		For Above Ground Cast Iron Pipe Installation, Add	*16.86*	
		For Work In Restricted Working Space, Add	*101.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0240	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	6,471.23	257.39
		For Above Ground Cast Iron Pipe Installation, Add	*19.51*	
		For Work In Restricted Working Space, Add	*117.04*	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0030)*

22 13 16 00-0242	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	106.92	
		For Above Ground Cast Iron Pipe Installation, Add	*1.81*	
		For Work In Restricted Working Space, Add	*10.84*	
22 13 16 00-0243	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	145.32	
		For Above Ground Cast Iron Pipe Installation, Add	*2.03*	
		For Work In Restricted Working Space, Add	*12.18*	
22 13 16 00-0244	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	169.55	
		For Above Ground Cast Iron Pipe Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.31*	
22 13 16 00-0245	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	208.46	
		For Above Ground Cast Iron Pipe Installation, Add	*3.16*	
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0246	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	253.06	
		For Above Ground Cast Iron Pipe Installation, Add	*3.82*	
		For Work In Restricted Working Space, Add	*22.90*	
22 13 16 00-0247	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	468.14	
		For Above Ground Cast Iron Pipe Installation, Add	*4.82*	
		For Work In Restricted Working Space, Add	*28.94*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	10.07	
		For Above Ground Cast Iron Pipe Installation, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0250	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	10.98	
		For Above Ground Cast Iron Pipe Installation, Add	*0.55*	
		For Work In Restricted Working Space, Add	*3.29*	
22 13 16 00-0251	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	13.72	
		For Above Ground Cast Iron Pipe Installation, Add	*0.69*	
		For Work In Restricted Working Space, Add	*4.12*	
22 13 16 00-0252	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	16.47	
		For Above Ground Cast Iron Pipe Installation, Add	*0.82*	
		For Work In Restricted Working Space, Add	*4.94*	
22 13 16 00-0253	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	21.96	
		For Above Ground Cast Iron Pipe Installation, Add	*1.10*	
		For Work In Restricted Working Space, Add	*6.59*	
22 13 16 00-0254	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	25.62	
		For Above Ground Cast Iron Pipe Installation, Add	*1.28*	
		For Work In Restricted Working Space, Add	*7.69*	
22 13 16 00-0255	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	30.20	
		For Above Ground Cast Iron Pipe Installation, Add	*1.51*	
		For Work In Restricted Working Space, Add	*9.06*	
22 13 16 00-0256	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	34.77	
		For Above Ground Cast Iron Pipe Installation, Add	*1.74*	
		For Work In Restricted Working Space, Add	*10.43*	

22 13 16 00-0257 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material	1.55
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	6.87
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	0.72
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	0.99
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	1.23
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	2.04
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	4.49
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	6.89
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	8.78
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	10.43

22 13 16 00-0268 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0269 No Hub Cast Iron Pipe *(22 13 16 00-0268)*

Note: Excludes couplings.

22 13 16 00-0270	LF	1-1/2" No Hub Cast Iron Pipe	10.86	5.05
		For Below Ground Installation, Add	*0.38*	
		For Work In Restricted Working Space, Add	*2.28*	
22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe	11.58	5.39
		For Below Ground Installation, Add	*0.41*	
		For Work In Restricted Working Space, Add	*2.44*	
22 13 16 00-0272	LF	3" No Hub Cast Iron Pipe	16.54	7.83
		For Below Ground Installation, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.53*	
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	21.48	10.20
		For Below Ground Installation, Add	*0.77*	
		For Work In Restricted Working Space, Add	*4.60*	
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe	26.87	12.20
		For Below Ground Installation, Add	*0.91*	
		For Work In Restricted Working Space, Add	*5.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe	30.55	13.31
		For Below Ground Installation, Add	*1.00*	
		For Work In Restricted Working Space, Add	*5.98*	
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe	45.57	19.09
		For Below Ground Installation, Add	*1.43*	
		For Work In Restricted Working Space, Add	*8.57*	
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe	60.69	21.70
		For Below Ground Installation, Add	*1.63*	
		For Work In Restricted Working Space, Add	*9.75*	

22 13 16 00-0278 No Hub Cast Iron Fittings *(22 13 16 00-0268)*

22 13 16 00-0279 No Hub Cast Iron Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	44.02	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	44.23	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	51.59	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	70.00	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	89.16	40.25
		For Below Ground Installation, Add	*3.02*	
		For Work In Restricted Working Space, Add	*18.10*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	106.00	47.98
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.60*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	185.80	61.91
		For Below Ground Installation, Add	*4.64*	
		For Work In Restricted Working Space, Add	*27.86*	

22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	60.25	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	86.51	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	

22 13 16 00-0290 No Hub Cast Iron Short Sweeps *(22 13 16 00-0278)*

22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	42.49	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	50.21	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	69.28	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	89.43	40.25
		For Below Ground Installation, Add	*3.02*	
		For Work In Restricted Working Space, Add	*18.10*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	101.77	47.98
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.60*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	173.03	61.91
		For Below Ground Installation, Add	*4.64*	
		For Work In Restricted Working Space, Add	*27.86*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	271.02	86.69
		For Below Ground Installation, Add	*6.50*	
		For Work In Restricted Working Space, Add	*39.00*	

22 13 16 00-0298 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0278)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	39.53	22.91
		For Below Ground Installation, Add	*1.72*	
		For Work In Restricted Working Space, Add	*10.31*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	41.29	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	48.27	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	64.99	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	84.10	40.25
		For Below Ground Installation, Add	*3.02*	
		For Work In Restricted Working Space, Add	*18.10*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	98.36	47.98
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	163.08	61.91
		For Below Ground Installation, Add	*4.64*	
		For Work In Restricted Working Space, Add	*27.86*	

22 13 16 00-0306 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	38.43	22.91
		For Below Ground Installation, Add	*1.72*	
		For Work In Restricted Working Space, Add	*10.31*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	39.98	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	46.98	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	62.09	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	97.91	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	152.40	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	218.44	86.41
		For Below Ground Installation, Add	*6.48*	
		For Work In Restricted Working Space, Add	*38.87*	

22 13 16 00-0314 No Hub Cast Iron Wyes *(22 13 16 00-0278)*

22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	61.19	36.05
		For Below Ground Installation, Add	*2.70*	
		For Work In Restricted Working Space, Add	*16.20*	
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	80.52	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	90.16	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	121.43	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	152.39	78.35
		For Below Ground Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.24*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	180.88	93.02
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.85*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	282.95	123.90
		For Below Ground Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.71*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	416.90	137.63
		For Below Ground Installation, Add	*10.32*	
		For Work In Restricted Working Space, Add	*61.90*	

22 13 16 00-0323 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0278)*

22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	77.74	46.66
		For Below Ground Installation, Add	*3.50*	
		For Work In Restricted Working Space, Add	*20.97*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	88.05	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	98.70	59.13
		For Below Ground Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	111.96	65.70
		For Below Ground Installation, Add	*4.93*	
		For Work In Restricted Working Space, Add	*29.55*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	141.03	79.15
		For Below Ground Installation, Add	*5.94*	
		For Work In Restricted Working Space, Add	*35.62*	
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	149.16	82.73
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.20*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	172.48	96.69
		For Below Ground Installation, Add	*7.25*	
		For Work In Restricted Working Space, Add	*43.48*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	201.73	97.42
		For Below Ground Installation, Add	*7.30*	
		For Work In Restricted Working Space, Add	*43.82*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	229.24	107.08
		For Below Ground Installation, Add	*8.02*	
		For Work In Restricted Working Space, Add	*48.14*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	316.66	114.07
		For Below Ground Installation, Add	*8.55*	
		For Work In Restricted Working Space, Add	*51.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	335.44	122.12
		For Below Ground Installation, Add	*9.15*	
		For Work In Restricted Working Space, Add	*54.93*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	378.44	130.40
		For Below Ground Installation, Add	*9.77*	
		For Work In Restricted Working Space, Add	*58.64*	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	70.13	41.95
		For Below Ground Installation, Add	*3.14*	
		For Work In Restricted Working Space, Add	*18.86*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	80.81	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	92.37	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	127.69	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	218.38	108.06
		For Below Ground Installation, Add	*8.10*	
		For Work In Restricted Working Space, Add	*48.59*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	349.37	138.64
		For Below Ground Installation, Add	*10.39*	
		For Work In Restricted Working Space, Add	*62.36*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	413.76	167.62
		For Below Ground Installation, Add	*12.56*	
		For Work In Restricted Working Space, Add	*75.38*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	81.17	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	89.16	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	100.91	59.13
		For Below Ground Installation, Add	*4.43*	
		For Work In Restricted Working Space, Add	*26.60*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	114.11	65.70
		For Below Ground Installation, Add	*4.93*	
		For Work In Restricted Working Space, Add	*29.55*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	147.47	79.15
		For Below Ground Installation, Add	*5.94*	
		For Work In Restricted Working Space, Add	*35.62*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	160.42	82.73
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.20*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	182.34	96.69
		For Below Ground Installation, Add	*7.25*	
		For Work In Restricted Working Space, Add	*43.48*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	220.16	97.42
		For Below Ground Installation, Add	*7.30*	
		For Work In Restricted Working Space, Add	*43.82*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	271.35	107.08
		For Below Ground Installation, Add	*8.02*	
		For Work In Restricted Working Space, Add	*48.14*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	101.20	60.73
		For Below Ground Installation, Add	*4.55*	
		For Work In Restricted Working Space, Add	*27.32*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	129.55	73.95
		For Below Ground Installation, Add	*5.54*	
		For Work In Restricted Working Space, Add	*33.25*	
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	159.72	80.86
		For Below Ground Installation, Add	*6.06*	
		For Work In Restricted Working Space, Add	*36.36*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	242.10	117.26
		For Below Ground Installation, Add	*8.79*	
		For Work In Restricted Working Space, Add	*52.72*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	416.09	157.61
		For Below Ground Installation, Add	*11.82*	
		For Work In Restricted Working Space, Add	*70.91*	

22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	116.93	67.30
		For Below Ground Installation, Add	*5.04*	
		For Work In Restricted Working Space, Add	*30.26*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	137.74	77.49
		For Below Ground Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	150.98	84.48
		For Below Ground Installation, Add	*6.33*	
		For Work In Restricted Working Space, Add	*38.00*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	208.81	103.38
		For Below Ground Installation, Add	*7.75*	
		For Work In Restricted Working Space, Add	*46.50*	

22 13 16 00-0365 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	127.18	72.94
		For Below Ground Installation, Add	*5.47*	
		For Work In Restricted Working Space, Add	*32.82*	
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	148.75	80.86
		For Below Ground Installation, Add	*6.06*	
		For Work In Restricted Working Space, Add	*36.36*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	213.06	107.06
		For Below Ground Installation, Add	*8.02*	
		For Work In Restricted Working Space, Add	*48.13*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	309.17	165.26
		For Below Ground Installation, Add	*12.39*	
		For Work In Restricted Working Space, Add	*74.32*	

22 13 16 00-0370 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	114.75	62.75
		For Below Ground Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	133.17	72.94
		For Below Ground Installation, Add	*5.47*	
		For Work In Restricted Working Space, Add	*32.82*	
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	154.04	79.68
		For Below Ground Installation, Add	*5.97*	
		For Work In Restricted Working Space, Add	*35.84*	

22 13 16 00-0374 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	59.80	35.30
		For Below Ground Installation, Add	*2.65*	
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	80.88	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	89.34	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	119.58	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	152.78	78.35
		For Below Ground Installation, Add	*5.87*	
		For Work In Restricted Working Space, Add	*35.24*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	180.61	93.02
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.85*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	305.81	123.90
		For Below Ground Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.71*	
22 13 16 00-0382	EA	2" x 1-1/2" No Hub Cast Iron Sanitary Tee	67.37	39.84
		For Below Ground Installation, Add	*2.99*	
		For Work In Restricted Working Space, Add	*17.92*	
22 13 16 00-0383	EA	3" x 1-1/2" No Hub Cast Iron Sanitary Tee	78.38	46.66
		For Below Ground Installation, Add	*3.50*	
		For Work In Restricted Working Space, Add	*20.97*	

22 13 16 00-0384 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	81.72	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	90.46	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	109.97	66.12
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	112.10	66.12
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	136.84	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	139.80	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	140.16	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	145.65	77.56
		For Below Ground Installation, Add	*5.81*	
		For Work In Restricted Working Space, Add	*34.87*	
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	246.11	104.48
		For Below Ground Installation, Add	*7.83*	
		For Work In Restricted Working Space, Add	*46.99*	

22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*

22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	43.50	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	50.28	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	63.74	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	42.17	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	51.25	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	72.22	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	115.09	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	156.35	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	207.45	106.71
		For Below Ground Installation, Add	*8.00*	
		For Work In Restricted Working Space, Add	*48.01*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	38.53	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	45.31	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	62.36	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	95.20	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	125.88	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	

22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	80.00	47.17
		For Below Ground Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.23*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	84.77	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	98.36	53.48
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.06*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	139.40	70.25
		For Below Ground Installation, Add	*5.26*	
		For Work In Restricted Working Space, Add	*31.59*	

22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0418	EA	3" x 2" No Hub Cast Iron Sanitary Cross	110.41	62.75
		For Below Ground Installation, Add	*4.70*	
		For Work In Restricted Working Space, Add	*28.23*	
22 13 16 00-0419	EA	4" x 2" No Hub Cast Iron Sanitary Cross	119.92	64.60
		For Below Ground Installation, Add	*4.84*	
		For Work In Restricted Working Space, Add	*29.06*	
22 13 16 00-0420	EA	4" x 3" No Hub Cast Iron Sanitary Cross	128.92	67.47
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0421		**No Hub Cast Iron Reducers** *(22 13 16 00-0278)*		
22 13 16 00-0422	EA	3" x 2" No Hub Cast Iron Reducer	77.11	48.85
		For Below Ground Installation, Add	*3.66*	
		For Work In Restricted Working Space, Add	*21.97*	
22 13 16 00-0423	EA	4" x 2" No Hub Cast Iron Reducer	105.00	66.12
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0424	EA	4" x 3" No Hub Cast Iron Reducer	105.18	66.12
		For Below Ground Installation, Add	*4.96*	
		For Work In Restricted Working Space, Add	*29.73*	
22 13 16 00-0425	EA	5" x 2" No Hub Cast Iron Reducer	120.25	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0426	EA	5" x 3" No Hub Cast Iron Reducer	121.45	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0427	EA	5" x 4" No Hub Cast Iron Reducer	121.92	74.44
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.48*	
22 13 16 00-0428	EA	6" x 3" No Hub Cast Iron Reducer	138.94	82.73
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.20*	
22 13 16 00-0429	EA	6" x 4" No Hub Cast Iron Reducer	139.12	82.73
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.20*	
22 13 16 00-0430	EA	6" x 5" No Hub Cast Iron Reducer	139.66	82.73
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.20*	
22 13 16 00-0431	EA	8" x 2" No Hub Cast Iron Reducer	193.24	115.61
		For Below Ground Installation, Add	*8.67*	
		For Work In Restricted Working Space, Add	*52.00*	
22 13 16 00-0432	EA	8" x 3" No Hub Cast Iron Reducer	194.62	115.61
		For Below Ground Installation, Add	*8.67*	
		For Work In Restricted Working Space, Add	*52.00*	
22 13 16 00-0433	EA	8" x 4" No Hub Cast Iron Reducer	196.84	115.61
		For Below Ground Installation, Add	*8.67*	
		For Work In Restricted Working Space, Add	*52.00*	
22 13 16 00-0434	EA	8" x 5" No Hub Cast Iron Reducer	199.14	115.61
		For Below Ground Installation, Add	*8.67*	
		For Work In Restricted Working Space, Add	*52.00*	
22 13 16 00-0435	EA	8" x 6" No Hub Cast Iron Reducer	199.42	115.61
		For Below Ground Installation, Add	*8.67*	
		For Work In Restricted Working Space, Add	*52.00*	
22 13 16 00-0436	EA	10" x 4" No Hub Cast Iron Reducer	225.57	121.95
		For Below Ground Installation, Add	*9.14*	
		For Work In Restricted Working Space, Add	*54.84*	
22 13 16 00-0437	EA	10" x 6" No Hub Cast Iron Reducer	238.85	127.31
		For Below Ground Installation, Add	*9.55*	
		For Work In Restricted Working Space, Add	*57.28*	
22 13 16 00-0438	EA	10" x 8" No Hub Cast Iron Reducer	264.60	138.20
		For Below Ground Installation, Add	*10.36*	
		For Work In Restricted Working Space, Add	*62.15*	
22 13 16 00-0439		**No Hub Cast Iron Blind Plugs** *(22 13 16 00-0278)*		
22 13 16 00-0440	EA	1-1/2" No Hub Cast Iron Blind Plug	36.60	22.91
		For Below Ground Installation, Add	*1.72*	
		For Work In Restricted Working Space, Add	*10.31*	
22 13 16 00-0441	EA	2" No Hub Cast Iron Blind Plug	37.96	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	
22 13 16 00-0442	EA	3" No Hub Cast Iron Blind Plug	44.86	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0443	EA	4" No Hub Cast Iron Blind Plug	59.40	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0444	EA	5" No Hub Cast Iron Blind Plug	70.78	41.45
		For Below Ground Installation, Add	*3.07*	
		For Work In Restricted Working Space, Add	*18.41*	
22 13 16 00-0445	EA	6" No Hub Cast Iron Blind Plug	81.49	47.98
		For Below Ground Installation, Add	*3.60*	
		For Work In Restricted Working Space, Add	*21.60*	
22 13 16 00-0446	EA	8" No Hub Cast Iron Blind Plug	122.80	61.91
		For Below Ground Installation, Add	*4.64*	
		For Work In Restricted Working Space, Add	*27.86*	
22 13 16 00-0447	EA	10" No Hub Cast Iron Blind Plug	143.06	66.70
		For Below Ground Installation, Add	*5.00*	
		For Work In Restricted Working Space, Add	*30.00*	
22 13 16 00-0448		**No Hub Cast Iron P-Traps** *(22 13 16 00-0278)*		
22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap	43.68	23.92
		For Below Ground Installation, Add	*1.79*	
		For Work In Restricted Working Space, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap	58.96	27.38
		For Below Ground Installation, Add	*2.05*	
		For Work In Restricted Working Space, Add	*12.32*	
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap	85.40	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap	131.86	40.58
		For Below Ground Installation, Add	*3.04*	
		For Work In Restricted Working Space, Add	*18.24*	
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap	143.68	48.38
		For Below Ground Installation, Add	*3.63*	
		For Work In Restricted Working Space, Add	*21.76*	

22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap	64.25	30.41
		For Below Ground Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap	90.46	40.43
		For Below Ground Installation, Add	*3.03*	
		For Work In Restricted Working Space, Add	*18.18*	
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap	127.93	53.40
		For Below Ground Installation, Add	*4.00*	
		For Work In Restricted Working Space, Add	*24.00*	

22 13 16 00-0458 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange	66.77	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	69.35	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	

22 13 16 00-0461 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend	103.01	36.22
		For Below Ground Installation, Add	*2.72*	
		For Work In Restricted Working Space, Add	*16.30*	

22 13 16 00-0463 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter	52.27	30.41
		For Below Ground Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter	54.35	30.41
		For Below Ground Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.66*	

22 13 16 00-0466 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).

22 13 16 00-0467	EA	1-1/2" No Hub Coupling	5.21	
		For Medium Duty (Fernco MD-2000), Add	*0.68*	
		For Heavy Duty (Fernco HD-4000), Add	*1.41*	
22 13 16 00-0468	EA	2" No Hub Coupling	5.21	
		For Medium Duty (Fernco MD-2000), Add	*0.68*	
		For Heavy Duty (Fernco HD-4000), Add	*1.41*	
22 13 16 00-0469	EA	3" No Hub Coupling	6.19	
		For Medium Duty (Fernco MD-2000), Add	*0.80*	
		For Heavy Duty (Fernco HD-4000), Add	*1.67*	
22 13 16 00-0470	EA	4" No Hub Coupling	7.35	
		For Medium Duty (Fernco MD-2000), Add	*0.96*	
		For Heavy Duty (Fernco HD-4000), Add	*1.98*	
22 13 16 00-0471	EA	5" No Hub Coupling	16.99	
		For Medium Duty (Fernco MD-2000), Add	*2.21*	
		For Heavy Duty (Fernco HD-4000), Add	*4.59*	
22 13 16 00-0472	EA	6" No Hub Coupling	18.67	
		For Medium Duty (Fernco MD-2000), Add	*2.43*	
		For Heavy Duty (Fernco HD-4000), Add	*5.04*	
22 13 16 00-0473	EA	8" No Hub Coupling	35.17	
		For Medium Duty (Fernco MD-2000), Add	*4.57*	
		For Heavy Duty (Fernco HD-4000), Add	*9.50*	
22 13 16 00-0474	EA	10" No Hub Coupling	48.45	
		For Medium Duty (Fernco MD-2000), Add	*6.30*	
		For Heavy Duty (Fernco HD-4000), Add	*13.08*	
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	6.19	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	9.60	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	13.39	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	11.41	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. See CSI section 22 13 16 00-0861 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	14.89	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	15.37	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	16.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	18.83	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	35.55	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	48.80	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	85.50	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	130.65	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	8.23	
		For Work In Restricted Working Space, Add	*2.47*	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	10.06	
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	10.98	
		For Work In Restricted Working Space, Add	*3.29*	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	13.72	
		For Work In Restricted Working Space, Add	*4.12*	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	16.47	
		For Work In Restricted Working Space, Add	*4.94*	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	21.96	
		For Work In Restricted Working Space, Add	*6.59*	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	25.62	
		For Work In Restricted Working Space, Add	*7.69*	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0413 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	12.68	3.96
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	15.09	4.42
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe	19.40	5.45
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe	42.22	7.56
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe	58.43	8.52
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe	113.04	9.78
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe	161.53	15.17

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0506	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	17.40	3.53
		For Work In Restricted Working Space, Add	*4.85*	
22 13 16 00-0507	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	19.28	4.21
		For Work In Restricted Working Space, Add	*5.36*	
22 13 16 00-0508	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	24.75	6.07
		For Work In Restricted Working Space, Add	*6.66*	
22 13 16 00-0509	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.87	6.57
		For Work In Restricted Working Space, Add	*7.40*	
22 13 16 00-0510	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	40.52	8.42
		For Work In Restricted Working Space, Add	*9.85*	
22 13 16 00-0511	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	54.16	11.20
		For Work In Restricted Working Space, Add	*12.48*	
22 13 16 00-0512	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	73.83	15.00
		For Work In Restricted Working Space, Add	*16.27*	

22 13 16 00-0513 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: Excludes fittings or hangers.

22 13 16 00-0514 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0513)*

Note: Excludes fittings or hangers.

22 13 16 00-0515	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	5.78	3.53
		For Work In Restricted Working Space, Add	*1.58*	
22 13 16 00-0516	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	7.00	4.21
		For Work In Restricted Working Space, Add	*1.89*	
22 13 16 00-0517	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	10.44	6.07
		For Work In Restricted Working Space, Add	*2.72*	
22 13 16 00-0518	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	11.77	6.57
		For Work In Restricted Working Space, Add	*2.95*	
22 13 16 00-0519	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	15.39	7.97
		For Work In Restricted Working Space, Add	*3.58*	
22 13 16 00-0520	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	21.85	10.60
		For Work In Restricted Working Space, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0521	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	30.30	14.18
		For Work In Restricted Working Space, Add	*6.38*	

22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0513)*

Note: Excludes fittings or hangers.

22 13 16 00-0523	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	5.67	3.53
		For Work In Restricted Working Space, Add	*1.58*	
22 13 16 00-0524	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	6.87	4.21
		For Work In Restricted Working Space, Add	*1.89*	
22 13 16 00-0525	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	10.21	6.07
		For Work In Restricted Working Space, Add	*2.72*	
22 13 16 00-0526	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.48	6.57
		For Work In Restricted Working Space, Add	*2.95*	
22 13 16 00-0527	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	14.84	7.97
		For Work In Restricted Working Space, Add	*3.58*	
22 13 16 00-0528	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	20.47	10.60
		For Work In Restricted Working Space, Add	*4.79*	
22 13 16 00-0529	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	28.80	14.18
		For Work In Restricted Working Space, Add	*6.38*	

22 13 16 00-0530 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0504)*

22 13 16 00-0531 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0530)*

22 13 16 00-0532	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	21.78	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0533	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	27.87	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0534	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	39.07	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0535	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	48.16	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0536	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	91.54	36.47
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0537	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	136.72	49.11
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0538	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	181.34	65.45
		For Work In Restricted Working Space, Add	*29.48*	

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0530)*

22 13 16 00-0540	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	23.81	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0541	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	29.03	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0542	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	42.07	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0543	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	53.66	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0544	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	80.91	36.47
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0545	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	122.75	49.11
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0546	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	181.09	65.45
		For Work In Restricted Working Space, Add	*29.48*	

22 13 16 00-0547 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0548	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	21.95	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0549	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	27.85	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0550	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	38.82	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0551	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	46.93	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0552	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	88.43	36.47
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0553	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	129.48	49.11
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0554	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	160.06	65.45
		For Work In Restricted Working Space, Add	*29.48*	

22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	32.87	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0557	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	42.28	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0558	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	59.25	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0559	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	72.56	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0560	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	136.70	54.66
		For Work In Restricted Working Space, Add	*24.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0561	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	181.09	73.61
		For Work In Restricted Working Space, Add	*33.17*	

22 13 16 00-0562 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0563	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	36.86	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0564	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	40.70	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0565	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	39.33	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0566	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	50.52	31.16
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0567	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	53.29	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0568	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	57.71	35.03
		For Work In Restricted Working Space, Add	*15.80*	
22 13 16 00-0569	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	68.31	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0570	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	77.52	40.10
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0571	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	128.58	50.45
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0572	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	278.46	63.08
		For Work In Restricted Working Space, Add	*28.43*	
22 13 16 00-0573	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	290.70	67.30
		For Work In Restricted Working Space, Add	*30.32*	

22 13 16 00-0574 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0575	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	46.00	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0576	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	59.61	35.88
		For Work In Restricted Working Space, Add	*16.17*	
22 13 16 00-0577	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	88.41	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0578	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	109.93	56.10
		For Work In Restricted Working Space, Add	*25.27*	

22 13 16 00-0579 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0580	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	53.16	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0581	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	69.38	38.15
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0582	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	77.52	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0583	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	100.63	45.99
		For Work In Restricted Working Space, Add	*20.72*	
22 13 16 00-0584	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	110.77	52.13
		For Work In Restricted Working Space, Add	*23.50*	

22 13 16 00-0585 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0530)*

22 13 16 00-0586	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	25.45	16.00
		For Work In Restricted Working Space, Add	*7.20*	
22 13 16 00-0587	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	33.24	19.03
		For Work In Restricted Working Space, Add	*8.59*	
22 13 16 00-0588	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	35.44	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0589	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	42.17	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0590	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	47.16	26.11
		For Work In Restricted Working Space, Add	*11.75*	
22 13 16 00-0591	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	85.85	30.32
		For Work In Restricted Working Space, Add	*13.64*	
22 13 16 00-0592	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	80.85	32.26
		For Work In Restricted Working Space, Add	*14.53*	
22 13 16 00-0593	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	146.88	38.58
		For Work In Restricted Working Space, Add	*17.37*	
22 13 16 00-0594	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	137.42	42.78
		For Work In Restricted Working Space, Add	*19.27*	
22 13 16 00-0595	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	176.14	50.96
		For Work In Restricted Working Space, Add	*22.95*	
22 13 16 00-0596	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	160.73	57.28
		For Work In Restricted Working Space, Add	*25.79*	

22 13 16 00-0597 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0530)*

22 13 16 00-0598	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	34.11	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0599	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	43.88	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0600	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	71.49	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0601	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	104.06	42.11
		For Work In Restricted Working Space, Add	*18.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0602	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	154.40	54.66
		For Work In Restricted Working Space, Add	*24.64*	

22 13 16 00-0603 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0530)*

22 13 16 00-0604	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	46.96	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0605	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	42.56	26.11
		For Work In Restricted Working Space, Add	*11.75*	

22 13 16 00-0606 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0530)*

22 13 16 00-0607	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	34.17	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0608	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	43.03	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0609	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	60.21	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0610	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	74.13	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0611	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	130.81	54.66
		For Work In Restricted Working Space, Add	*24.64*	
22 13 16 00-0612	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	169.90	73.61
		For Work In Restricted Working Space, Add	*33.17*	
22 13 16 00-0613	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	225.28	98.13
		For Work In Restricted Working Space, Add	*44.22*	

22 13 16 00-0614 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0530)*

22 13 16 00-0615	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	39.14	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0616	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	42.05	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0617	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	53.93	31.16
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0618	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	54.24	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0619	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	64.06	35.03
		For Work In Restricted Working Space, Add	*15.80*	
22 13 16 00-0620	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	64.39	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0621	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	70.50	40.10
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0622	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	117.02	48.51
		For Work In Restricted Working Space, Add	*21.86*	
22 13 16 00-0623	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	132.28	50.45
		For Work In Restricted Working Space, Add	*22.74*	
22 13 16 00-0624	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	145.63	63.08
		For Work In Restricted Working Space, Add	*28.43*	
22 13 16 00-0625	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	167.64	67.30
		For Work In Restricted Working Space, Add	*30.32*	
22 13 16 00-0626	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	176.63	79.43
		For Work In Restricted Working Space, Add	*35.80*	
22 13 16 00-0627	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	199.99	83.64
		For Work In Restricted Working Space, Add	*37.69*	
22 13 16 00-0628	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	223.08	89.96
		For Work In Restricted Working Space, Add	*40.54*	

22 13 16 00-0629 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0530)*

22 13 16 00-0630	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	47.61	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0631	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	60.98	35.88
		For Work In Restricted Working Space, Add	*16.17*	
22 13 16 00-0632	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	90.71	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0633	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	121.28	56.10
		For Work In Restricted Working Space, Add	*25.27*	
22 13 16 00-0634	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	193.42	72.94
		For Work In Restricted Working Space, Add	*32.85*	
22 13 16 00-0635	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	242.12	98.21
		For Work In Restricted Working Space, Add	*44.22*	
22 13 16 00-0636	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	347.43	130.89
		For Work In Restricted Working Space, Add	*58.96*	

22 13 16 00-0637 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0530)*

22 13 16 00-0638	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	54.47	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0639	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	73.32	38.15
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0640	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	76.79	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0641	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	91.27	45.99
		For Work In Restricted Working Space, Add	*20.72*	
22 13 16 00-0642	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	107.67	52.13
		For Work In Restricted Working Space, Add	*23.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0643	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	145.05	64.52
		For Work In Restricted Working Space, Add	*29.06*	
22 13 16 00-0644	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	171.92	77.16
		For Work In Restricted Working Space, Add	*34.74*	
22 13 16 00-0645	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	202.22	85.58
		For Work In Restricted Working Space, Add	*38.54*	
22 13 16 00-0646	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	217.74	93.49
		For Work In Restricted Working Space, Add	*42.11*	
22 13 16 00-0647	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	257.09	101.91
		For Work In Restricted Working Space, Add	*45.90*	
22 13 16 00-0648	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	299.45	114.55
		For Work In Restricted Working Space, Add	*51.59*	

22 13 16 00-0649 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0650	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	35.78	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0651	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	45.54	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0652	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	67.77	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0653	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	91.09	42.11
		For Work In Restricted Working Space, Add	*18.95*	

22 13 16 00-0654 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0655	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	48.07	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0656	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	65.15	31.16
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0657	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	61.20	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0658	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	81.17	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0659	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	87.94	40.10
		For Work In Restricted Working Space, Add	*18.07*	

22 13 16 00-0660 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0661	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	48.86	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0662	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	61.12	35.88
		For Work In Restricted Working Space, Add	*16.17*	
22 13 16 00-0663	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	84.97	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0664	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	150.28	56.10
		For Work In Restricted Working Space, Add	*25.27*	
22 13 16 00-0665	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	349.28	72.94
		For Work In Restricted Working Space, Add	*32.85*	

22 13 16 00-0666 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0667	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	70.11	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0668	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	100.62	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0669	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	138.85	45.99
		For Work In Restricted Working Space, Add	*20.72*	
22 13 16 00-0670	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	139.40	52.13
		For Work In Restricted Working Space, Add	*23.50*	
22 13 16 00-0671	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	253.51	64.52
		For Work In Restricted Working Space, Add	*29.06*	

22 13 16 00-0672 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0530)*

22 13 16 00-0673	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	52.73	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0674	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	77.83	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0675	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	104.06	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0676	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	200.92	54.66
		For Work In Restricted Working Space, Add	*24.64*	
22 13 16 00-0677	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	258.45	73.61
		For Work In Restricted Working Space, Add	*33.17*	
22 13 16 00-0678	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	343.58	98.13
		For Work In Restricted Working Space, Add	*44.22*	

22 13 16 00-0679 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0530)*

22 13 16 00-0680	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	23.19	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0681	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	30.38	17.95
		For Work In Restricted Working Space, Add	*8.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0682	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	41.50	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0683	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	54.52	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0684	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	88.82	36.47
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0685	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	156.77	49.11
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0686	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	256.23	65.45
		For Work In Restricted Working Space, Add	*29.46*	

22 13 16 00-0687 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0530)*

22 13 16 00-0688	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	21.69	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0689	EA	2" Polyvinyl Chloride (PVC) Couplings	27.66	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0690	EA	3" Polyvinyl Chloride (PVC) Couplings	38.03	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0691	EA	4" Polyvinyl Chloride (PVC) Couplings	45.09	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0692	EA	6" Polyvinyl Chloride (PVC) Couplings	71.18	36.47
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0693	EA	8" Polyvinyl Chloride (PVC) Couplings	121.16	49.11
		For Work In Restricted Working Space, Add	*22.11*	
22 13 16 00-0694	EA	10" Polyvinyl Chloride (PVC) Couplings	171.82	65.45
		For Work In Restricted Working Space, Add	*29.48*	

22 13 16 00-0695 Polyvinyl Chloride (PVC) Male Adapters *(22 13 16 00-0530)*

22 13 16 00-0696	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	11.17	6.99
		For Work In Restricted Working Space, Add	*3.16*	
22 13 16 00-0697	EA	2" Polyvinyl Chloride (PVC) Male Adapters	15.05	9.01
		For Work In Restricted Working Space, Add	*4.04*	
22 13 16 00-0698	EA	3" Polyvinyl Chloride (PVC) Male Adapters	22.46	12.05
		For Work In Restricted Working Space, Add	*5.43*	
22 13 16 00-0699	EA	4" Polyvinyl Chloride (PVC) Male Adapters	31.03	14.07
		For Work In Restricted Working Space, Add	*6.32*	

22 13 16 00-0700 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: In place piping.

22 13 16 00-0701	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	6.18
22 13 16 00-0702	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	6.79
22 13 16 00-0703	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.65
22 13 16 00-0704	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	11.67
22 13 16 00-0705	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	16.67
22 13 16 00-0706	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	22.23
22 13 16 00-0707	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	27.18

22 13 16 00-0708 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation.

22 13 16 00-0709 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies *(22 13 16 00-0708)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0710	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	17.40	3.53
		For Work In Restricted Working Space, Add	*4.85*	
22 13 16 00-0711	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	19.28	4.21
		For Work In Restricted Working Space, Add	*5.36*	
22 13 16 00-0712	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	24.75	6.07
		For Work In Restricted Working Space, Add	*6.66*	
22 13 16 00-0713	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.87	6.57
		For Work In Restricted Working Space, Add	*7.40*	
22 13 16 00-0714	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	40.52	8.42
		For Work In Restricted Working Space, Add	*9.85*	

22 13 16 00-0715 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) *(22 13 16 00-0708)*

Note: Excludes fittings or hangers.

22 13 16 00-0716	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	5.71	3.53
		For Work In Restricted Working Space, Add	*1.58*	
22 13 16 00-0717	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	6.92	4.21
		For Work In Restricted Working Space, Add	*1.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0718	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	10.32	6.07
		For Work In Restricted Working Space, Add	*2.72*	
22 13 16 00-0719	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	11.62	6.57
		For Work In Restricted Working Space, Add	*2.95*	
22 13 16 00-0720	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	15.60	7.97
		For Work In Restricted Working Space, Add	*3.58*	

22 13 16 00-0721 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0708)*

22 13 16 00-0722 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0721)*

22 13 16 00-0723	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	22.98	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0724	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	29.69	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0725	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	44.69	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0726	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	58.70	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0727	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	116.66	36.47
		For Work In Restricted Working Space, Add	*16.43*	

22 13 16 00-0728 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0721)*

22 13 16 00-0729	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	25.64	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0730	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	32.29	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0731	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	51.14	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0732	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	71.54	28.05
		For Work In Restricted Working Space, Add	*12.63*	

22 13 16 00-0733 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0721)*

22 13 16 00-0734	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	23.34	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0735	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	29.44	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0736	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	43.36	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0737	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	56.25	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0738	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	119.23	36.47
		For Work In Restricted Working Space, Add	*16.43*	

22 13 16 00-0739 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0740	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	34.86	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0741	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	45.35	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0742	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	66.87	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0743	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	87.28	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0744	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	212.77	54.66
		For Work In Restricted Working Space, Add	*24.64*	

22 13 16 00-0745 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0746	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	39.75	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0747	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	44.81	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0748	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	42.20	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0749	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	56.33	31.16
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0750	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	59.37	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0751	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	87.39	35.03
		For Work In Restricted Working Space, Add	*15.80*	
22 13 16 00-0752	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	88.02	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0753	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	98.25	40.10
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0754	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	221.87	50.45
		For Work In Restricted Working Space, Add	*22.74*	

22 13 16 00-0755 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0756	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	52.06	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0757	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	68.43	35.88
		For Work In Restricted Working Space, Add	*16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0758	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	113.21	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0759	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	149.58	56.10
		For Work In Restricted Working Space, Add	*25.27*	

22 13 16 00-0760 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0761	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	59.29	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0762	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	78.06	38.15
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0763	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	87.77	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0764	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	119.52	43.52
		For Work In Restricted Working Space, Add	*19.61*	
22 13 16 00-0765	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	129.78	49.34
		For Work In Restricted Working Space, Add	*22.24*	

22 13 16 00-0766 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes *(22 13 16 00-0721)*

22 13 16 00-0767	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	38.17	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0768	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	47.20	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0769	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	69.31	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0770	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	91.10	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0771	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	184.56	54.66
		For Work In Restricted Working Space, Add	*24.64*	

22 13 16 00-0772 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0721)*

22 13 16 00-0773	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	46.29	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0774	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	49.12	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0775	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	61.34	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0776	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	78.02	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0777	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	86.43	40.10
		For Work In Restricted Working Space, Add	*18.07*	
22 13 16 00-0778	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	160.44	50.45
		For Work In Restricted Working Space, Add	*22.74*	

22 13 16 00-0779 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes *(22 13 16 00-0721)*

22 13 16 00-0780	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	56.13	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0781	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	71.95	35.88
		For Work In Restricted Working Space, Add	*16.17*	
22 13 16 00-0782	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	119.06	48.26
		For Work In Restricted Working Space, Add	*21.73*	
22 13 16 00-0783	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	178.70	56.10
		For Work In Restricted Working Space, Add	*25.27*	

22 13 16 00-0784 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes *(22 13 16 00-0721)*

22 13 16 00-0785	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	64.49	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0786	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	90.17	38.15
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0787	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	97.80	42.11
		For Work In Restricted Working Space, Add	*18.95*	
22 13 16 00-0788	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	125.70	45.99
		For Work In Restricted Working Space, Add	*20.72*	
22 13 16 00-0789	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	153.14	52.13
		For Work In Restricted Working Space, Add	*23.50*	

22 13 16 00-0790 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend *(22 13 16 00-0721)*

22 13 16 00-0791	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	42.11	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0792	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	54.12	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0793	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	76.88	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0794	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	104.06	39.85
		For Work In Restricted Working Space, Add	*17.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0795 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend *(22 13 16 00-0721)*

22 13 16 00-0796	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	48.56	24.93
		For Work In Restricted Working Space, Add	*11.24*	
22 13 16 00-0797	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	73.00	31.16
		For Work In Restricted Working Space, Add	*14.03*	
22 13 16 00-0798	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	66.10	33.10
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0799	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	92.13	37.06
		For Work In Restricted Working Space, Add	*16.68*	
22 13 16 00-0800	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	99.79	40.10
		For Work In Restricted Working Space, Add	*18.07*	

22 13 16 00-0801 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0721)*

22 13 16 00-0802	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	78.69	35.88
		For Work In Restricted Working Space, Add	*16.17*	
22 13 16 00-0803	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	129.58	48.26
		For Work In Restricted Working Space, Add	*21.73*	

22 13 16 00-0804 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0721)*

22 13 16 00-0805	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	67.95	32.01
		For Work In Restricted Working Space, Add	*14.40*	
22 13 16 00-0806	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	119.36	42.11
		For Work In Restricted Working Space, Add	*18.95*	

22 13 16 00-0807 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0721)*

22 13 16 00-0808	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	43.97	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0809	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	55.97	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0810	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	81.03	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0811	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	113.09	42.11
		For Work In Restricted Working Space, Add	*18.95*	

22 13 16 00-0812 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0721)*

22 13 16 00-0813	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	25.31	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0814	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	33.80	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0815	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	46.75	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0816	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	66.91	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0817	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	122.83	36.47
		For Work In Restricted Working Space, Add	*16.43*	

22 13 16 00-0818 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0721)*

22 13 16 00-0819	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	22.52	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0820	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	28.49	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0821	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	40.42	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0822	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	49.03	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0823	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	88.96	36.47
		For Work In Restricted Working Space, Add	*16.43*	

22 13 16 00-0824 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0721)*

22 13 16 00-0825	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	27.71	16.00
		For Work In Restricted Working Space, Add	*7.20*	
22 13 16 00-0826	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	40.39	19.03
		For Work In Restricted Working Space, Add	*8.59*	
22 13 16 00-0827	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	41.44	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0828	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	53.99	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0829	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	59.53	26.11
		For Work In Restricted Working Space, Add	*11.75*	

22 13 16 00-0830 Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps *(22 13 16 00-0721)*

22 13 16 00-0831	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	38.77	21.06
		For Work In Restricted Working Space, Add	*9.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0832	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	52.07	26.95
		For Work In Restricted Working Space, Add	*12.13*	
22 13 16 00-0833	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	107.67	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 13 16 00-0834	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	172.45	42.11
		For Work In Restricted Working Space, Add	*18.95*	

22 13 16 00-0835 Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges *(22 13 16 00-0721)*

22 13 16 00-0836	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	52.15	28.05
		For Work In Restricted Working Space, Add	*12.63*	
22 13 16 00-0837	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	48.59	26.11
		For Work In Restricted Working Space, Add	*11.75*	

22 13 16 00-0838 Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters *(22 13 16 00-0721)*

22 13 16 00-0839	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	12.40	6.99
		For Work In Restricted Working Space, Add	*3.16*	
22 13 16 00-0840	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	16.79	9.01
		For Work In Restricted Working Space, Add	*4.04*	
22 13 16 00-0841	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	27.76	12.05
		For Work In Restricted Working Space, Add	*5.43*	
22 13 16 00-0842	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	42.40	14.07
		For Work In Restricted Working Space, Add	*6.32*	

22 13 16 00-0843 Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings *(22 13 16 00-0721)*

22 13 16 00-0844	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	25.54	16.00
		For Work In Restricted Working Space, Add	*7.20*	
22 13 16 00-0845	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	36.96	19.03
		For Work In Restricted Working Space, Add	*8.59*	
22 13 16 00-0846	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	36.87	21.06
		For Work In Restricted Working Space, Add	*9.47*	
22 13 16 00-0847	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	53.72	23.00
		For Work In Restricted Working Space, Add	*10.36*	
22 13 16 00-0848	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	50.29	26.11
		For Work In Restricted Working Space, Add	*11.75*	
22 13 16 00-0849	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	89.44	30.53
		For Work In Restricted Working Space, Add	*13.75*	

22 13 16 00-0850 Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings *(22 13 16 00-0721)*

22 13 16 00-0851	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	31.48	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0852	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	38.07	17.95
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0853	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	48.03	24.09
		For Work In Restricted Working Space, Add	*10.87*	
22 13 16 00-0854	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	54.62	28.05
		For Work In Restricted Working Space, Add	*12.63*	

22 13 16 00-0855 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe *(22 13 16 00-0708)*

Note: In place piping.

22 13 16 00-0856	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	6.18
22 13 16 00-0857	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	6.79
22 13 16 00-0858	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.65
22 13 16 00-0859	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	11.67
22 13 16 00-0860	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	16.67

22 13 16 00-0861 Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-0862 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(22 13 16 00-0861)*

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.

22 13 16 00-0863	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	10.74	3.66
		For Work In Restricted Working Space, Add	*2.20*	
22 13 16 00-0864	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	10.91	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 13 16 00-0865	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	11.49	4.11
		For Work In Restricted Working Space, Add	*2.47*	
22 13 16 00-0866	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	13.08	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 13 16 00-0867	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	14.64	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 13 16 00-0868	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	18.21	4.81
		For Work In Restricted Working Space, Add	*2.88*	
22 13 16 00-0869	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	21.81	5.03
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0870	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	29.04	5.49
		For Work In Restricted Working Space, Add	*3.29*	
22 13 16 00-0871	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	37.92	6.41
		For Work In Restricted Working Space, Add	*3.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0872		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Couplings *(22 13 16 00-0861)*		
		Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.		
22 13 16 00-0873	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	11.44	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 13 16 00-0874	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	11.67	4.11
		For Work In Restricted Working Space, Add	*2.47*	
22 13 16 00-0875	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	15.10	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 13 16 00-0876	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	13.60	4.35
		For Work In Restricted Working Space, Add	*2.61*	
22 13 16 00-0877	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	18.50	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 13 16 00-0878	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	17.74	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 13 16 00-0879	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	16.31	4.58
		For Work In Restricted Working Space, Add	*2.75*	
22 13 16 00-0880	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	23.38	4.81
		For Work In Restricted Working Space, Add	*2.88*	
22 13 16 00-0881	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	21.20	4.81
		For Work In Restricted Working Space, Add	*2.88*	
22 13 16 00-0882	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	28.79	5.03
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0883	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	25.54	5.03
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0884	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	26.44	5.03
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0885	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	51.79	9.15
		For Work In Restricted Working Space, Add	*5.49*	
22 13 16 00-0886	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	42.77	9.15
		For Work In Restricted Working Space, Add	*5.49*	
22 13 16 00-0887	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	53.91	10.29
		For Work In Restricted Working Space, Add	*6.18*	
22 13 16 00-0888		Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Caps *(22 13 16)*		
		Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. Fernco QC.		
22 13 16 00-0889	EA	1-1/2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	40.47	24.71
22 13 16 00-0890	EA	2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	43.42	26.26
22 13 16 00-0891	EA	3" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	50.30	30.11
22 13 16 00-0892	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	66.36	39.81
22 13 16 00-0893	EA	5" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	79.55	47.59
22 13 16 00-0894	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	91.68	54.90
22 13 16 00-0895	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap	123.16	69.55
22 13 16 00-0896		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess *(22 13 16)*		
		Note: Josam 26450 Series.		
22 13 16 00-0897	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	58.22	18.95
22 13 16 00-0898	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	62.43	21.06
22 13 16 00-0899	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	89.59	27.38
22 13 16 00-0900	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	104.55	31.58
22 13 16 00-0901	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	120.95	35.80
22 13 16 00-0902	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	184.52	40.01
22 13 16 00-0903		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess *(22 13 16)*		
		Note: Josam 26440 Series		
22 13 16 00-0904	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	101.04	18.95
22 13 16 00-0905	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	105.25	21.06
22 13 16 00-0906	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	127.33	27.38
22 13 16 00-0907	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	156.80	31.58
22 13 16 00-0908	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	207.32	35.80
22 13 16 00-0909	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	215.73	40.01
22 13 16 00-0910		Cast Iron Vandal Proof Hooded Vent Cap *(22 13 16)*		
		Note: Includes counterflashing collar, deep protective hood and recessed securing screws. Josam 26700 Series.		
22 13 16 00-0911	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	177.24	18.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0912	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	181.45	21.06
22 13 16 00-0913	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	211.51	27.38
22 13 16 00-0914	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	238.81	31.58
22 13 16 00-0915	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	277.72	35.80
22 13 16 00-0916	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	304.27	40.01

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001 Round Top Floor Drains *(22 13 19 13)*

22 13 19 13-0002	EA	6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top	289.56	90.55
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	6" Round Top Floor Drain With 2" Outlet, Bronze Top	321.16	101.50
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	6" Round Top Floor Drain With 3" Outlet, Bronze Top	333.11	112.28
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	6" Round Top Floor Drain With 4" Outlet, Bronze Top	356.23	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	9" Round Top Floor Drain With 2" Outlet, Cast Iron Top	306.46	101.50
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0007	EA	9" Round Top Floor Drain With 3" Outlet, Cast Iron Top	328.11	112.28
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0008	EA	9" Round Top Floor Drain With 4" Outlet, Cast Iron Top	351.23	123.90
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0009	EA	9" Round Top Floor Drain With 2" Outlet, Nikaloy Top	409.46	101.50
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0010	EA	9" Round Top Floor Drain With 3" Outlet, Nikaloy Top	431.11	112.28
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0011	EA	9" Round Top Floor Drain With 4" Outlet, Nikaloy Top	454.23	123.90
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0012	EA	9" Round Top Floor Drain With 2" Outlet, Bronze Top	394.46	101.50
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0013	EA	9" Round Top Floor Drain With 3" Outlet, Bronze Top	415.99	112.28
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0014	EA	9" Round Top Floor Drain With 4" Outlet, Bronze Top	439.23	123.90
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0015	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top	418.36	101.41
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0016	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top	439.99	112.28
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0017	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top	463.23	123.90
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0018	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top	572.36	101.41
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0019	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top	593.99	112.28
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0020	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top	617.23	123.90
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0021	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top	551.86	101.41
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0022	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top	573.49	112.28
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0023	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top	596.73	123.90
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0024		Square Or Rectangular Top Drains *(22 13 19 13)*		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	334.86	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	356.73	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	379.73	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	349.86	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	371.73	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	394.73	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	415.86	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	437.73	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	460.73	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	323.86	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	345.73	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	368.73	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	342.86	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	364.73	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	387.73	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	396.36	101.41
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	418.23	112.36
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	441.23	123.90
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	804.23	112.36
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	827.23	123.90
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	967.23	112.36
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	990.23	123.90
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	947.73	112.36
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	970.73	123.90
		For Galvanized Cast Iron Parts, Add	*212.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	419.86	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	441.73	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	464.73	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	497.36	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	519.23	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	542.23	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	515.36	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	537.23	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	560.23	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	654.86	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	676.73	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	699.73	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	403.86	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	425.73	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	448.73	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	469.86	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	491.73	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	514.73	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	487.86	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	509.73	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	532.73	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	601.36	101.41
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	623.23	112.36
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	646.23	123.90
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	388.64	90.55
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	410.36	101.41
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	431.99	112.28
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	455.23	123.90
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	522.86	101.41
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	544.49	112.28
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	567.73	123.90
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	503.36	101.41
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	524.99	112.28
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	548.23	123.90
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*40.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	674.56	90.55
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	696.36	101.41
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	717.99	112.28
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	741.23	123.90
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	765.20	135.86
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	734.36	101.41
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	756.23	112.36
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	779.23	123.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	803.20	135.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	508.86	101.41
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	530.73	112.36
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	553.73	123.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	577.70	135.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	695.36	101.41
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	717.23	112.36
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	740.23	123.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	764.20	135.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*182.50*	
22 13 19 13-0102		Other Drains *(22 13 19 13)*		
22 13 19 13-0103		Shower Drains *(22 13 19 13-0102)*		
22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	31.15	9.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	34.19	9.15
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	73.25	18.30
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	90.76	18.30
22 13 19 13-0108		**Acid Resistant Floor Drains** *(22 13 19 13-0102)*		
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	390.56	90.55
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	412.36	101.41
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	433.99	112.28
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0112		**Rotary And Lever Drains** *(22 13 19 13-0102)*		
22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	175.07	61.06
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain	187.70	67.38
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	175.07	61.06
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	187.70	67.38
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	175.07	61.06
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	187.70	67.38
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	175.07	61.06
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	187.70	67.38
22 13 19 13-0121	EA	1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	228.55	67.38
22 13 19 13-0122		**Floor Receptor** *(22 13 19 13)*		
22 13 19 13-0123		**9" Diameter Round Shallow Receptor** *(22 13 19 13-0122)* Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	465.00	101.50
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	486.97	112.44
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	509.73	123.90
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0127		**Square Top Floor Receptors** *(22 13 19 13-0122)* Note: With acid resistant coating.		
22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	505.14	90.55
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	526.96	101.50
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	548.49	112.28
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	571.73	123.90
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	64.30	10.53
22 13 19 13-0134	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	53.49	10.53
22 13 19 13-0135	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	57.81	10.53
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	68.62	10.53
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	62.14	10.53
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	86.09	10.53
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	94.80	10.53
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	116.40	10.53

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	725.35	63.18
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,284.75*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	843.90	142.14
		For Flange And Clamp Device, Add	*354.92*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,355.58*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	1,179.44	157.93
		For Flange And Clamp Device, Add	*365.45*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,479.85*	
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	1,417.51	173.72
		For Flange And Clamp Device, Add	*375.98*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,598.68*	
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	1,584.98	189.52
		For Flange And Clamp Device, Add	*416.91*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,662.80*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	1,941.58	221.10
		For Flange And Clamp Device, Add	*449.16*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,826.86*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	2,517.81	252.69
		For Flange And Clamp Device, Add	*511.18*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,943.89*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	4,861.08	284.27
		For Flange And Clamp Device, Add	*733.52*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	5,479.63	328.00
		For Flange And Clamp Device, Add	*826.67*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	6,802.41	524.80
		For Flange And Clamp Device, Add	*1,117.87*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	9,727.84	656.00
		For Flange And Clamp Device, Add	*1,334.62*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	11,355.32	787.20
		For Flange And Clamp Device, Add	*1,735.04*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	14,718.49	918.40
		For Flange And Clamp Device, Add	*2,060.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	18,994.12	1,049.60
		For Flange And Clamp Device, Add	*2,421.02*	
22 13 19 26-0017		**Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0001)* Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	2,009.14	173.72
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	2,583.63	221.10
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	4,215.01	252.69
22 13 19 26-0021		**Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		**Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	1,754.73	63.18
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,284.75*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	2,060.78	142.14
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,355.58*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	2,204.33	157.93
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,479.85*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	2,682.19	173.72
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,598.68*	
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	3,225.03	189.52
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,662.80*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	3,345.21	221.10
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,826.86*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	3,818.72	252.69
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,943.89*	
22 13 19 26-0030		**Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor** *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	4,462.73	221.10
22 13 19 26-0032		**Automatic Cleaning Stainless Steel Grease Interceptor** *(22 13 19 26)* Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer.		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 20 Greasestopper.	3,856.03	173.72
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Lowe Engineering 25 Greasestopper.	4,469.81	189.52
22 13 19 26-0035		**Precast Concrete Grease Interceptor** *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0036	EA	1,000 Gallon Pre-Cast Grease Interceptor	2,924.22	293.68
22 13 19 26-0037	EA	1,250 Gallon Pre-Cast Grease Interceptor	3,333.08	293.68
22 13 19 26-0038	EA	1,500 Gallon Pre-Cast Grease Interceptor	3,783.66	335.75
22 13 19 26-0039	EA	2,000 Gallon Pre-Cast Grease Interceptor	4,333.16	474.17
22 13 19 26-0040	EA	2,500 Gallon Pre-Cast Grease Interceptor	4,909.85	637.95
22 13 19 26-0041	EA	4,000 Gallon Pre-Cast Grease Interceptor	7,329.23	839.34
22 13 19 26-0042	EA	5,000 Gallon Pre-Cast Grease Interceptor	9,498.60	1,376.38
22 13 19 26-0043		**Coated Steel Manual Oil Interceptor** *(22 13 19 26)* Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0044	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,082.34	240.66
22 13 19 26-0045	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,769.13	285.95
22 13 19 26-0046	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,357.57	351.84
22 13 19 26-0047	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,646.65	381.12
22 13 19 26-0048	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,336.09	415.89
22 13 19 26-0049	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,631.26	457.53
22 13 19 26-0050	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	9,220.96	526.44
22 13 19 26-0051	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,148.65	647.73
22 13 19 26-0052	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	12,373.32	702.05
22 13 19 26-0053	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	17,182.77	842.29
22 13 19 26-0054	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	19,760.75	905.47
22 13 19 26-0055	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	24,830.07	1,079.82
22 13 19 26-0056	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,587.97	884.83
22 13 19 26-0057	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	35,054.81	1,052.86

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33		**Backwater Valves** *(22 13 19)*		
22 13 19 33-0001		Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*		
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	226.79	24.18
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	236.05	30.41
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	338.38	40.43
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	877.47	55.72
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	1,076.15	73.34
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	3,039.70	90.47
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	3,452.44	117.34
22 13 19 33-0009		Cast Iron Backwater Sewer Line Valve *(22 13 19 33)* Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	571.54	57.65
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	856.62	69.91
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,062.79	90.13
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,469.43	101.23
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,019.88	119.97
22 13 19 33-0015		Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)* Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,479.44	91.23
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,524.59	121.29
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,202.08	149.93
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,228.14	167.15
22 13 19 33-0020		Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)* Note: Oatey.		
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	87.81	30.41
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	107.22	40.43
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	282.29	55.72
22 13 19 33-0024		Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)*		
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	201.75	60.81
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	268.65	80.86
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	449.31	111.43
22 13 19 36		**Air-Admittance Valves** *(22 13 19)*		
22 13 19 36-0001		Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*		
22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	93.76	11.80
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	110.43	11.80
22 13 23		**Sanitary Waste Interceptors** *(22 13)*		
22 13 23 00-0001		Sediment Bucket Solids Interceptors *(22 13 23)*		
22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	700.94	119.27
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	701.76	119.27
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	969.67	119.27
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	969.67	119.27
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,030.32	119.27
22 13 23 00-0007		Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*		
22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	294.03	40.81
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	299.25	43.46
		For Stainless Steel Bucket, Add	*175.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 23 00-0010		Sediment Strainers *(22 13 23)*		
22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	124.30	55.75
22 13 29		**Sanitary Sewerage Pumps** *(22 13)*		
		Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13		**Wet-Pit-Mounted, Vertical Sewerage Pumps** *(22 13 29)*		
22 13 29 13-0001		Vertical Non-Clog Sewage Pumps *(22 13 29 13)*		
22 13 29 13-0002		1-1/2" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,633.83	1,010.41
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	9,040.30	1,010.41
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	9,446.77	1,010.41
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	9,834.48	1,010.41
22 13 29 13-0007		2" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	9,759.44	1,010.41
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	9,915.78	1,010.41
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	10,025.21	1,010.41
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	10,775.62	1,010.41
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	11,510.39	1,010.41
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	12,636.01	1,010.41
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	13,761.62	1,010.41
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	15,555.69	1,344.64
22 13 29 13-0016		3" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*		
22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,542.78	1,010.41
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,542.78	1,010.41
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	10,813.64	1,010.41
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	12,915.28	1,010.41
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	13,283.94	1,010.41
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	15,685.38	1,344.64
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	16,623.39	1,344.64
22 13 29 13-0024		Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*		
22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	519.49	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	623.75	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	697.18	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	709.88	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	796.91	
22 13 29 13-0030		Float Switches *(22 13 29 13-0001)*		
		Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	466.91	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	490.48	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	501.36	
22 13 29 13-0034		Square Or Round Steel Sump Covers *(22 13 29 13-0001)*		
22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	464.91	33.70
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	514.85	37.90
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	713.30	50.53
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,027.39	58.96
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,100.20	61.06
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	1,175.42	63.18
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	1,494.81	75.81
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	2,014.77	84.23
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	2,554.81	105.29
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	3,237.93	115.81
22 13 29 16		**Submersible Sewerage Pumps** *(22 13 29)*		
		Note: Includes 25' of cord with pumps unless otherwise noted.		
22 13 29 16-0001		Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*		
22 13 29 16-0002		Submersible Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*		
22 13 29 16-0003	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	507.04	61.31
22 13 29 16-0004	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	657.47	61.31
22 13 29 16-0005	EA	1 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	792.73	76.64
22 13 29 16-0006		Submersible Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*		
22 13 29 16-0007	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	747.81	61.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0008	EA	1 HP Submersible Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	915.62	76.64
22 13 29 16-0009	EA	1-1/2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,116.77	123.53
22 13 29 16-0010	EA	2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,232.28	150.98

22 13 29 16-0011 Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*

22 13 29 16-0012	EA	1 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,602.07	76.64
22 13 29 16-0013	EA	1.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,775.98	122.55
22 13 29 16-0014	EA	2 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,290.62	149.78
22 13 29 16-0015	EA	3 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,664.53	181.55
22 13 29 16-0016	EA	5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,105.14	213.33
22 13 29 16-0017	EA	7.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,246.78	245.10

22 13 29 16-0018 Submersible Sewage Pumps Accessories *(22 13 29 16)*

22 13 29 16-0019	EA	Simplex Single Phase Plug In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, and single control float switches.	299.67	67.64
22 13 29 16-0020	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	693.07	90.19
22 13 29 16-0021	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	896.19	90.19
22 13 29 16-0022	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	1,002.15	112.73
22 13 29 16-0023	EA	High-water Alarm For Submersible Sewage Pump	229.82	45.09
22 13 29 16-0024	EA	Float Switch For Submersible Sewage Pump	87.16	22.55
22 13 29 16-0025	EA	Rail System With 2" Discharge For Submersible Sewage Pump	429.16	67.64

22 13 29 33 Sewerage Pump Basins And Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	104.46	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	134.12	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	298.60	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	417.30	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	535.99	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	622.89	

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	182.65	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	352.80	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	620.00	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	827.69	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	951.40	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	1,005.00	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	1,177.12	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,365.31	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	426.26	140.41
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	496.45	168.46
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	566.65	210.57
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	734.44	252.69
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	769.53	280.74
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	859.67	294.80
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,036.71	305.33
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Bronze Dome, Add	*170.50*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	562.26	140.41
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	641.95	168.46
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	730.65	210.57
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	972.94	252.69
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	1,042.53	280.74
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	696.26	140.41
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	766.45	168.46
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	836.65	210.57
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	1,000.44	252.69
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	1,035.53	280.74
		For Galvanized Iron Parts, Add	*182.50*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*75.50*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	403.31	56.18
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	431.38	70.16
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	444.14	76.56
		For Galvanized Iron Parts, Add	*49.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	616.46	101.50
		For Galvanized Iron Parts, Add	*98.00*	
		For Vandal Proof Grate, Add	*11.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	661.23	123.90
		For Galvanized Iron Parts, Add	*98.00*	
		For Vandal Proof Grate, Add	*11.00*	

22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	449.26	140.41
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	519.45	168.46
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	589.65	210.57
		For Galvanized Cast Iron Parts, Add	*55.00*	
		For Bronze Grate, Add	*78.50*	
		For Deck Clamp, Add	*31.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*72.00*	

22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*

22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	469.26	140.41
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	539.45	168.46
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	609.65	210.57
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	777.44	252.69
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	812.53	280.74
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	902.67	294.80
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	1,079.71	305.33
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

22 14 26 13-0040 Aluminum Roof Drains *(22 14 26 13)*

22 14 26 13-0041 Aluminum Dome Roof Drains *(22 14 26 13-0040)*

22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	476.76	140.41
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	546.95	168.46
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	617.15	210.57
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	820.03	280.48
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	910.34	294.80
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	1,087.21	305.33
		For Galvanized Cast Iron Parts, Add	*197.00*	
		For Deck Clamp, Add	*50.00*	
		For Drain Receiver, Add	*56.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*136.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Copolymer Retrofit Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	551.29	168.46
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	629.20	210.57
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	765.31	252.69
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	831.22	280.48
22 14 26 13-0054		Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	620.64	168.46
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	695.47	210.57
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	836.20	252.69
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	880.54	280.48
22 14 26 13-0059		Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	554.38	168.46
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	632.28	210.57
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	768.39	252.69
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	809.65	280.48
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	319.21	84.23
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	319.21	84.23
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	319.21	84.23
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	482.00	105.29
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	482.00	105.29
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	608.36	105.29
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	734.36	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	756.23	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	779.23	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	803.20	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	508.86	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	530.73	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	553.73	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	577.70	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	695.36	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	717.23	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	740.23	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	764.20	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*101.50*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,330.36	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,352.23	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,375.23	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,399.20	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	725.36	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	747.23	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	770.23	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	794.20	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,268.86	101.41
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,290.73	112.36
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,313.73	123.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,337.70	135.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	409.36	101.41
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	431.23	112.36
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	454.23	123.90
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	306.36	101.41
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	328.23	112.36
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	351.23	123.90
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	394.36	101.41
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	416.23	112.36
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	439.23	123.90
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	935.86	101.41
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	957.73	112.36
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	980.73	123.90
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	660.36	101.41
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	682.23	112.36
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	705.23	123.90
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	887.86	101.41
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	909.73	112.36
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	932.73	123.90
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*205.00*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	621.20	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	643.07	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	666.07	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	405.15	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	427.02	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	450.02	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	591.76	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	613.63	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	636.63	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	519.35	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	303.30	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	489.91	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*65.50*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	944.58	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	966.45	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	989.45	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	677.24	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	699.11	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	722.11	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	908.01	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	929.88	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	952.88	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	802.12	101.41
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	823.99	112.36
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	846.99	123.90
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	842.72	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	575.38	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	806.15	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	700.26	50.53
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	3,061.20	244.38
		For Explosion Proof Motor, Add	*142.00*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	3,281.62	295.79
		For Explosion Proof Motor, Add	*157.86*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	3,766.17	351.40
		For Explosion Proof Motor, Add	*203.93*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	4,086.58	432.30
		For Explosion Proof Motor, Add	*231.12*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	4,331.66	468.54
		For Explosion Proof Motor, Add	*337.62*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	5,144.76	562.08
		For Explosion Proof Motor, Add	*382.94*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	5,895.93	572.51
		For Explosion Proof Motor, Add	*627.65*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	7,188.85	696.66
		For Explosion Proof Motor, Add	*833.10*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	7,838.51	812.49
		For Explosion Proof Motor, Add	*1,080.08*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	10,378.43	975.34
		For Explosion Proof Motor, Add	*1,407.12*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	14,038.20	1,083.31
		For Explosion Proof Motor, Add	*2,230.40*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,200.19	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,313.28	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	519.49	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,725.45	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,928.59	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	709.88	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	2,204.46	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,412.20	

22 14 29 13-0022 Float Switch *(22 14 29 13)*

22 14 29 13-0023	EA	For Float Switch Copper Coated Float, General Purpose	1,344.23	26.53
22 14 29 13-0024	EA	For Float Switch Copper Coated Float, Weathertight	1,409.44	26.53
22 14 29 13-0025	EA	For Float Switch Copper Coated Float, Explosion Proof	1,439.53	26.53

22 14 29 13-0026 Support Plate *(22 14 29 13)*

22 14 29 13-0027	EA	24" Steel Support Plate, Round Or Square	464.91	33.70
22 14 29 13-0028	EA	30" Steel Support Plate, Round Or Square	514.85	37.90
22 14 29 13-0029	EA	36" Steel Support Plate, Round Or Square	713.30	50.53
22 14 29 13-0030	EA	40" Steel Support Plate, Round Or Square	1,027.39	58.96
22 14 29 13-0031	EA	42" Steel Support Plate, Round Or Square	1,100.20	61.06
22 14 29 13-0032	EA	48" Steel Support Plate, Round Or Square	1,175.34	63.18
22 14 29 13-0033	EA	54" Steel Support Plate, Round Or Square	1,494.81	75.81
22 14 29 13-0034	EA	60" Steel Support Plate, Round Or Square	2,014.77	84.23
22 14 29 13-0035	EA	72" Steel Support Plate, Round Or Square	2,686.87	105.29
22 14 29 13-0036	EA	84" Steel Support Plate, Round Or Square	3,237.93	115.81

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

Note: Includes 25' of cord with pumps unless otherwise noted.

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0002		Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*		
22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	294.19	54.90
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	323.08	54.90
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	459.14	58.11
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	492.88	58.11
22 14 29 16-0007		Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*		
22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	713.01	58.11
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	771.20	58.11
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	812.29	64.05
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	872.51	64.05
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	915.43	73.21
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	975.66	73.21
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	991.91	86.93
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,041.55	86.93
22 14 29 16-0016		Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*		
22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	697.08	54.90
22 14 29 16-0018	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	794.39	58.11
22 14 29 16-0019	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	942.58	61.31
22 14 29 16-0020	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	995.80	64.05
22 14 29 16-0021	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,136.01	73.21
22 14 29 16-0022	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,323.51	86.93

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0001		Quick Disconnect, Air-Service *(22 15 13)*		
22 15 13 00-0002		Combination Steel And Brass *(22 15 13 00-0001)*		
22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	39.39	12.81
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	43.35	15.55
22 15 13 00-0005		Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*		
22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	562.12	71.76
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	637.83	73.75
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	809.17	75.75
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	940.39	79.74
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,046.38	89.71
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,162.07	102.06
22 15 13 00-0012	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,643.97	129.57
22 15 13 00-0013	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,850.19	151.50
22 15 13 00-0014	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,010.85	161.87
22 15 13 00-0015	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,186.16	179.41
22 15 13 00-0016	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,461.62	199.35
22 15 13 00-0017	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,739.47	219.28
22 15 13 00-0018	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,885.77	243.20
22 15 13 00-0019	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,360.95	259.14
22 15 13 00-0020	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,041.02	269.11
22 15 13 00-0021	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,765.34	279.08
22 15 13 00-0022	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,291.86	289.05
22 15 13 00-0023	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,759.53	299.02
22 15 13 00-0024	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,434.44	318.95
22 15 13 00-0025	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	7,524.32	398.69
22 15 13 00-0026	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,511.12	478.42
22 15 13 00-0027	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,601.01	558.16
22 15 13 00-0028	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	12,469.42	637.91
22 15 13 00-0029		Oil And Water Separator For Air Compressor *(22 15 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0030	EA	0-60 SCFM Oil/Water Separator	517.63	29.30
22 15 13 00-0031	EA	85 SCFM Oil/Water Separator	692.92	34.33
22 15 13 00-0032	EA	190 SCFM Oil/Water Separator	809.69	38.91
22 15 13 00-0033	EA	245 SCFM Oil/Water Separator	1,015.97	45.77
22 15 13 00-0034	EA	320 SCFM Oil/Water Separator	1,207.69	54.92
22 15 13 00-0035	EA	700 SCFM Oil/Water Separator	2,435.28	114.43

22 15 13 00-0036 Heavy Duty Industrial Pressure Regulator *(22 15 13)*

22 15 13 00-0037	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	92.10	23.92
22 15 13 00-0038	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	128.37	31.89
22 15 13 00-0039	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	217.03	39.87
22 15 13 00-0040	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	273.64	59.81
22 15 13 00-0041	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	380.32	69.77
22 15 13 00-0042	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	400.25	79.74

22 15 13 00-0043 Combination Air System; Filter Regulator Lubricator *(22 15 13)*

22 15 13 00-0044	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	346.82	71.76
22 15 13 00-0045	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	430.54	95.68

22 15 13 00-0046 Heatless Desiccant Air Dryers *(22 15 13)*

22 15 13 00-0047	EA	5 SCFM Heatless Desiccant Air Dryer	1,988.44	71.76
22 15 13 00-0048	EA	10 SCFM Heatless Desiccant Air Dryer	2,389.82	79.74
22 15 13 00-0049	EA	15 SCFM Heatless Desiccant Air Dryer	2,414.14	87.71
22 15 13 00-0050	EA	20 SCFM Heatless Desiccant Air Dryer	2,757.42	99.67
22 15 13 00-0051	EA	30 SCFM Heatless Desiccant Air Dryer	3,795.82	119.61
22 15 13 00-0052	EA	50 SCFM Heatless Desiccant Air Dryer	3,754.77	159.47
22 15 13 00-0053	EA	85 SCFM Heatless Desiccant Air Dryer	5,041.17	199.35
22 15 13 00-0054	EA	100 SCFM Heatless Desiccant Air Dryer	5,353.87	239.21
22 15 13 00-0055	EA	125 SCFM Heatless Desiccant Air Dryer	6,130.10	279.08
22 15 13 00-0056	EA	175 SCFM Heatless Desiccant Air Dryer	7,038.96	318.95
22 15 13 00-0057	EA	200 SCFM Heatless Desiccant Air Dryer	7,566.56	358.82
22 15 13 00-0058	EA	300 SCFM Heatless Desiccant Air Dryer	9,246.41	398.69
22 15 13 00-0059	EA	400 SCFM Heatless Desiccant Air Dryer	10,276.50	478.42
22 15 13 00-0060	EA	500 SCFM Heatless Desiccant Air Dryer	11,878.23	558.16
22 15 13 00-0061	EA	600 SCFM Heatless Desiccant Air Dryer	13,704.79	637.91

22 15 13 00-0062 Air Cooled Aftercoolers *(22 15 13)*

22 15 13 00-0063	EA	20 SCFM Air-Cooled Aftercooler	506.30	49.83
22 15 13 00-0064	EA	35 SCFM Air-Cooled Aftercooler	682.88	59.81
22 15 13 00-0065	EA	43 SCFM Air-Cooled Aftercooler	750.64	69.77
22 15 13 00-0066	EA	70 SCFM Air-Cooled Aftercooler	916.47	79.74
22 15 13 00-0067	EA	125 SCFM Air-Cooled Aftercooler	1,273.65	89.71
22 15 13 00-0068	EA	185 SCFM Air-Cooled Aftercooler	1,429.93	99.67
22 15 13 00-0069	EA	260 SCFM Air-Cooled Aftercooler	2,758.25	119.61
22 15 13 00-0070	EA	365 SCFM Air-Cooled Aftercooler	2,885.66	139.54
22 15 13 00-0071	EA	560 SCFM Air-Cooled Aftercooler	3,012.12	159.47
22 15 13 00-0072	EA	650 SCFM Air-Cooled Aftercooler	3,531.30	179.41
22 15 13 00-0073	EA	750 SCFM Air-Cooled Aftercooler	3,861.06	199.35
22 15 13 00-0074	EA	900 SCFM Air-Cooled Aftercooler	4,426.17	219.28
22 15 13 00-0075	EA	1,100 SCFM Air-Cooled Aftercooler	5,676.28	239.21
22 15 13 00-0076	EA	1,460 SCFM Air-Cooled Aftercooler	6,490.62	259.14
22 15 13 00-0077	EA	1,800 SCFM Air-Cooled Aftercooler	6,703.89	279.08
22 15 13 00-0078	EA	2,500 SCFM Air-Cooled Aftercooler	7,188.63	299.02

22 15 13 00-0079 Compressed Air Coalescing Filters *(22 15 13)*

22 15 13 00-0080 1.0 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0079)*

22 15 13 00-0081	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	179.09	29.75
22 15 13 00-0082	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	212.58	29.75
22 15 13 00-0083	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	232.50	34.33
22 15 13 00-0084	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	267.67	39.36
22 15 13 00-0085	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	311.79	43.48
22 15 13 00-0086	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	354.02	52.63
22 15 13 00-0087	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	616.98	57.21
22 15 13 00-0088	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	462.59	68.66
22 15 13 00-0089	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	594.47	91.54
22 15 13 00-0090	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	679.54	102.98

22 15 13 00-0091 0.01 Micron Filter Rated Compressed Air Coalescing Filters *(22 15 13 00-0079)*

22 15 13 00-0092	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	217.36	29.75
22 15 13 00-0093	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	236.07	34.33
22 15 13 00-0094	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	271.02	39.36
22 15 13 00-0095	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	318.49	38.91
22 15 13 00-0096	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	361.67	52.63
22 15 13 00-0097	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	409.82	57.21
22 15 13 00-0098	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	471.21	68.66
22 15 13 00-0099	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	608.82	91.54
22 15 13 00-0100	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	698.67	102.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0101		Compressed Air Storage Tanks *(22 15 13)*		
22 15 13 00-0102		Horizontal Compressed Air Storage Tanks *(22 15 13 00-0101)*		
22 15 13 00-0103	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	295.01	63.79
22 15 13 00-0104	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	385.33	69.77
22 15 13 00-0105	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	407.86	73.36
22 15 13 00-0106	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	462.25	79.74
22 15 13 00-0107	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	605.95	107.64
22 15 13 00-0108	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	724.18	119.61
22 15 13 00-0109	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	1,058.09	139.54
22 15 13 00-0110	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	1,543.45	159.47
22 15 13 00-0111	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	1,714.87	169.44
22 15 13 00-0112	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	2,432.68	179.41
22 15 13 00-0113	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	3,185.92	209.31
22 15 13 00-0114	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	4,546.25	249.18
22 15 13 00-0115		Vertical Compressed Air Storage Tanks *(22 15 13 00-0101)*		
22 15 13 00-0116	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	358.01	63.79
22 15 13 00-0117	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	377.65	69.77
22 15 13 00-0118	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	407.86	73.36
22 15 13 00-0119	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	477.46	79.74
22 15 13 00-0120	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	651.57	107.64
22 15 13 00-0121	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	746.16	119.61
22 15 13 00-0122	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	1,010.31	139.54
22 15 13 00-0123	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	1,444.98	159.47
22 15 13 00-0124	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	1,589.36	169.44
22 15 13 00-0125	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	2,125.45	179.41
22 15 13 00-0126	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	2,709.10	209.31
22 15 13 00-0127	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	3,501.70	229.25
22 15 13 00-0128	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	5,733.70	259.14
22 15 19		**General Service Packaged Air Compressors And Receivers** *(22 15)*		
		Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 13		**General Service Packaged Reciprocating Air Compressors** *(22 15 19)*		
22 15 19 13-0001		Single Stage Compressor *(22 15 19 13)*		
		Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.		
22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,517.25	282.91
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,604.20	326.53
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,838.53	385.61
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,086.14	425.48
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,508.30	449.40
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	2,670.94	465.35
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	3,005.01	531.85
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	3,219.05	563.75
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	3,838.87	638.22
22 15 19 13-0011		Two Stage Compressor *(22 15 19 13)*		
		Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.		
22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	2,874.31	497.25
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	3,116.99	585.04
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	3,274.40	638.22
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	3,813.79	850.96
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	4,070.91	850.96
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	4,462.52	1,063.70
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	4,695.72	1,063.70
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	5,999.71	1,315.68
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	6,469.32	1,355.54
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	6,980.58	1,584.23
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	10,159.44	1,793.30
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	10,974.77	2,026.38
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	12,219.97	2,239.59
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	13,304.94	2,454.49
22 15 19 19		**General Service Packaged Rotary-Screw Air Compressors** *(22 15 19)*		
22 15 19 19-0001		Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*		
		Note: Oil flooded.		
22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	4,851.19	730.47
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	5,510.34	973.97
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	7,046.08	1,221.13
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	8,256.65	1,556.15
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	9,456.32	1,830.76
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	11,385.52	2,059.62
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	12,505.08	2,288.46
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,903.09	2,563.08
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	16,338.90	2,746.15
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,266.65	2,959.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	23,343.18	3,203.85
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	25,801.47	3,386.92
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	40,374.40	3,661.54
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	50,009.28	3,959.04
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	57,890.04	4,261.11
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	74,733.04	4,576.92
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	84,716.93	4,869.84

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)*

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	6,092.74	973.97
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	6,437.16	973.97
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	7,319.94	1,221.13
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	7,696.65	1,221.13
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	8,407.34	1,556.15
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	8,805.57	1,556.15
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	9,580.70	1,830.76
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	10,011.22	1,830.76
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,920.37	2,059.62
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,201.38	2,288.46
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,374.78	2,563.08

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	2,724.86	231.63
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	2,848.22	242.16
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	3,070.57	252.69
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	3,522.84	263.22
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	3,751.79	273.75

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	4,041.87	252.69
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	4,249.94	263.22
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	4,479.99	273.75
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	5,306.25	284.27
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	5,889.40	294.80
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	7,147.96	305.33

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	6,086.94	263.22
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	6,309.29	273.75
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	7,137.75	284.27
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	7,720.90	294.80
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	9,047.66	305.33
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	11,896.82	315.86
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	13,898.98	326.39
22 31 16 00-0024		3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	14,574.06	305.33
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	16,821.52	315.86
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	18,797.28	326.39
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	23,635.23	336.92
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	26,159.89	347.45
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	9,974.66	394.82
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	10,416.54	410.61
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	11,844.02	426.42
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	12,939.31	442.21
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	15,760.50	458.00
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	20,823.48	473.79
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	24,480.67	489.58
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	26,720.90	458.00
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	30,675.08	473.79
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	34,454.37	489.58
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	43,790.85	505.37
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	48,874.74	521.17
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	3,601.09	347.45
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	3,837.28	363.24
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	4,177.96	379.03
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	4,988.36	394.82
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	5,506.14	410.61

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,920.26	379.03
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	7,295.06	394.82
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	7,845.84	410.61
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	8,962.02	426.42
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	10,094.71	442.21
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	12,598.00	458.00

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001		Commercial Water Filters Housings *(22 32 16)*		
22 32 16 00-0002		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0003		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*		
22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	1,425.00	148.75
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	1,457.78	160.20
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	1,552.17	171.64
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	1,714.75	183.08
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	1,769.54	194.52
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	2,129.02	205.96
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	5,788.51	217.40
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	6,721.09	228.84
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	8,506.18	240.28
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	9,427.76	251.73
22 32 16 00-0014		Commercial Water Filter Cartridges *(22 32 16 00-0002)*		
22 32 16 00-0015		(Depth) Water Filter Cartridges *(22 32 16 00-0014)*		
22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	7.78	1.83
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	7.78	1.83
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	7.78	1.83
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	6.68	1.83
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	8.06	1.83
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	8.06	1.83
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	8.61	1.83
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	10.54	1.83
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	8.61	1.83
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	9.98	1.83
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	9.98	1.83
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	9.98	1.83
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	10.81	1.83
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	13.84	1.83
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	12.74	1.83
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	12.74	1.83
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	13.84	1.83
22 32 16 00-0033		Pleated Water Filter Cartridges *(22 32 16 00-0014)*		
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	13.01	1.83
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	13.01	1.83
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	13.28	1.83
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	14.11	1.83
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	20.71	1.83
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	19.88	1.83
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	19.88	1.83
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	19.88	1.83
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	25.94	1.83
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	36.38	1.83
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	30.61	1.83
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	42.16	1.83
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	43.81	1.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	49.31	1.83
22 32 16 00-0048		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,133.16	137.31
22 32 16 00-0051		Commercial Water Filter Cartridges *(22 32 16 00-0048)*		
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	346.31	1.83
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	72.68	1.83
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	72.14	1.83
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	72.14	1.83
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	82.58	1.83
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	190.66	1.83
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	179.11	1.83
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	195.06	1.83
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	204.41	1.83
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	217.61	1.83
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	235.76	1.83

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*		
22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	272.46	45.75
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	345.41	45.75

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001		Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)* Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	368.37	68.63
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	458.28	91.51
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	779.28	160.14
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,146.12	183.02
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	706.79	91.51
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	975.91	137.26
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	1,101.73	183.02
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	1,138.06	183.02
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	1,172.37	183.02
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	1,222.83	183.02

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	554.62	144.12
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	661.73	153.27
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	764.26	160.14

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 16-0001		**Electric Domestic Water Heaters (A.O. Smith ProMax)** *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	807.67	160.14
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	771.19	164.71
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	764.80	169.28
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	839.60	171.58
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	1,160.41	176.15
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	1,185.23	183.02
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	1,536.88	194.46
22 33 30 16-0009		**Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax)** *(22 33 30 16)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	857.51	160.14
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	826.70	164.71
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	871.37	169.28
22 33 30 16-0013		**High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist)** *(22 33 30 16)* Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	884.92	164.71
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	957.96	169.28
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	1,152.59	176.15
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	1,246.23	183.02
22 33 30 16-0018		**Water Heater Accessories** *(22 33 30 16)*		
22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	64.98	9.15
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	75.39	9.15
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	139.74	9.15
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	185.02	9.15
22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	43.33	6.86
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	46.90	6.86
22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	49.27	6.86
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	57.60	6.86
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	25.43	6.86
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	27.34	6.86
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	30.01	6.86
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	33.45	6.86
22 33 33		**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001		**Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE)** *(22 33 33)* Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0002	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	3,760.27	160.14
22 33 33 00-0003	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	3,864.51	160.14
22 33 33 00-0004	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	4,073.00	160.14
22 33 33 00-0005	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	4,118.75	183.02
22 33 33 00-0006	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	4,327.24	183.02
22 33 33 00-0007	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	4,639.97	183.02
22 33 33 00-0008	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	4,744.22	183.02
22 33 33 00-0009	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	4,952.70	183.02
22 33 33 00-0010	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	5,056.95	183.02
22 33 33 00-0011	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	4,431.48	183.02
22 33 33 00-0012	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	4,639.97	183.02
22 33 33 00-0013	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	4,848.46	183.02
22 33 33 00-0014	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	5,056.95	183.02
22 33 33 00-0015	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	5,265.44	183.02
22 33 33 00-0016	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	6,620.61	183.02
22 33 33 00-0017	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	4,835.73	228.76
22 33 33 00-0018	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	5,148.46	228.76
22 33 33 00-0019	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	5,252.70	228.76
22 33 33 00-0020	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	5,461.23	228.76
22 33 33 00-0021	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	6,712.12	228.76
22 33 33 00-0022	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	7,337.58	228.76
22 33 33 00-0023	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	7,754.56	228.76
22 33 33 00-0024	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	5,761.19	274.52
22 33 33 00-0025	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	5,969.68	274.52
22 33 33 00-0026	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	5,969.68	274.52
22 33 33 00-0027	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	6,073.92	274.52
22 33 33 00-0028	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	7,846.07	274.52
22 33 33 00-0029	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	8,263.04	274.52
22 33 33 00-0030	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	8,471.53	274.52
22 33 33 00-0031	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	9,930.95	274.52
22 33 33 00-0032	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	9,930.95	274.52
22 33 33 00-0033	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	12,015.83	274.52
22 33 33 00-0034	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	14,100.71	274.52
22 33 33 00-0035	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	17,436.52	274.52
22 33 33 00-0036	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	6,465.42	366.02
22 33 33 00-0037	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	6,673.91	366.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0038	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	6,778.15	366.02
22 33 33 00-0039	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	6,882.39	366.02
22 33 33 00-0040	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	8,550.30	366.02
22 33 33 00-0041	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	8,967.27	366.02
22 33 33 00-0042	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	9,071.52	366.02
22 33 33 00-0043	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	10,530.93	366.02
22 33 33 00-0044	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	10,739.42	366.02
22 33 33 00-0045	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	11,156.40	366.02
22 33 33 00-0046	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	15,117.67	366.02
22 33 33 00-0047	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	18,349.23	366.02
22 33 33 00-0048	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	7,182.39	411.78
22 33 33 00-0049	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	7,286.64	411.78
22 33 33 00-0050	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	7,390.88	411.78
22 33 33 00-0051	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	9,058.78	411.78
22 33 33 00-0052	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	9,371.52	411.78
22 33 33 00-0053	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	9,684.25	411.78
22 33 33 00-0054	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	11,039.42	411.78
22 33 33 00-0055	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	11,143.66	411.78
22 33 33 00-0056	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	11,560.64	411.78
22 33 33 00-0057	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	15,313.42	411.78
22 33 33 00-0058	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	18,440.74	411.78
22 33 33 00-0059	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	8,107.84	457.53
22 33 33 00-0060	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	8,212.09	457.53
22 33 33 00-0061	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	9,463.02	457.53
22 33 33 00-0062	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	9,879.99	457.53
22 33 33 00-0063	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	10,088.48	457.53
22 33 33 00-0064	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	11,547.90	457.53
22 33 33 00-0065	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	11,652.14	457.53
22 33 33 00-0066	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	13,424.29	457.53
22 33 33 00-0067	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	15,509.17	457.53
22 33 33 00-0068	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	18,844.98	457.53
22 33 33 00-0069	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	8,916.32	549.04
22 33 33 00-0070	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	9,229.05	549.04
22 33 33 00-0071	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	10,063.00	549.04
22 33 33 00-0072	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	10,479.98	549.04
22 33 33 00-0073	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	10,688.47	549.04
22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	12,043.64	549.04
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	12,147.88	549.04
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	14,337.01	549.04
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	17,047.35	549.04
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	19,340.72	549.04
22 33 33 00-0079		Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*		
		Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0080	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	966.53	160.14
22 33 33 00-0081	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,008.23	160.14
22 33 33 00-0082	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,126.95	183.02
22 33 33 00-0083	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	1,825.38	183.02
22 33 33 00-0084	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	2,094.11	228.76
22 33 33 00-0085	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	2,362.83	274.52
22 33 33 00-0086	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	3,002.21	411.78
22 33 33 00-0087		Removal And Reinstallation Of Water Heater *(22 33 33)*		
		Note: Includes storage and cleaning.		
22 33 33 00-0088	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	305.02	
22 33 33 00-0089	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	915.06	

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001		Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*		
22 34 13 00-0002		Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
		Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,100.36	183.02
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,181.88	185.30
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,288.94	189.88
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,486.81	194.46
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	1,783.95	205.88
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	1,818.92	205.88
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	1,177.30	183.02
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	1,783.95	205.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 34 30 Residential Gas Domestic Water Heaters *(22 34)*

22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	851.80	176.15
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	842.08	180.72
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	1,081.02	185.30
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	1,162.38	189.88
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	1,260.29	194.46
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	1,806.09	205.88

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	1,457.80	180.72
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	1,647.18	185.30
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	2,106.21	189.88

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	1,336.08	180.72
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	1,389.63	185.30

22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

22 34 36 00-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36)*
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	4,528.49	274.52
22 34 36 00-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	4,840.53	320.27
22 34 36 00-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	5,982.00	366.02
22 34 36 00-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	5,186.14	366.02
22 34 36 00-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	5,949.49	366.02
22 34 36 00-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	7,913.71	402.62
22 34 36 00-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	5,775.31	411.78
22 34 36 00-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	8,528.86	452.95
22 34 36 00-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	5,863.51	411.78
22 34 36 00-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	8,140.36	452.95
22 34 36 00-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	6,508.51	503.29
22 34 36 00-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	8,919.18	553.61
22 34 36 00-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	7,306.51	503.29
22 34 36 00-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	8,971.68	553.61
22 34 36 00-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	7,083.06	549.04
22 34 36 00-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	9,901.83	603.94
22 34 36 00-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	8,962.52	549.04
22 34 36 00-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	11,707.83	603.94
22 34 36 00-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	11,658.03	594.78
22 34 36 00-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	5,827.49	320.27
22 34 36 00-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	6,983.54	352.30
22 34 36 00-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	6,066.00	366.02
22 34 36 00-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	7,262.71	402.62
22 34 36 00-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	1,507.48	228.76
22 34 36 00-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,643.98	228.76

22 34 36 00-0027 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0028	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	3,698.99	274.52
22 34 36 00-0029	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	5,263.49	274.52
22 34 36 00-0030	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	6,415.49	320.27
22 34 36 00-0031	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	6,685.50	366.02
22 34 36 00-0032	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	6,717.00	366.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 00-0033	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	6,864.00	366.02
22 34 36 00-0034	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	8,050.21	402.62
22 34 36 00-0035	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	7,575.01	411.78
22 34 36 00-0036	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	9,305.86	452.95
22 34 36 00-0037	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	7,957.51	503.29
22 34 36 00-0038	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	9,738.18	553.61
22 34 36 00-0039	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	8,125.51	503.29
22 34 36 00-0040	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	9,843.18	553.61
22 34 36 00-0041	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	9,109.52	549.04
22 34 36 00-0042	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	10,699.83	603.94
22 34 36 00-0043	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	11,010.02	549.04
22 34 36 00-0044	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	12,694.83	603.94

22 34 36 00-0045 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0046	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,879.99	274.52
22 34 36 00-0047	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,845.99	274.52
22 34 36 00-0048	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	4,643.99	274.52
22 34 36 00-0049	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	6,672.89	301.97
22 34 36 00-0050	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	6,835.49	320.27
22 34 36 00-0051	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	8,611.04	352.30
22 34 36 00-0052	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	6,948.00	366.02
22 34 36 00-0053	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	8,879.71	402.62
22 34 36 00-0054	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	8,026.51	411.78
22 34 36 00-0055	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	9,757.36	452.95
22 34 36 00-0056	EA	300 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	12,762.18	553.61
22 34 36 00-0057	EA	399.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	13,419.33	603.94
22 34 36 00-0058	EA	499.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	15,430.98	654.27

22 34 36 00-0059 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36)*

22 34 36 00-0060	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	26,341.50	1,056.74
22 34 36 00-0061	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	37,170.51	1,167.98
22 34 36 00-0062	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	40,328.65	1,223.60
22 34 36 00-0063	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	43,681.42	1,334.84

22 34 36 00-0064 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36)*

22 34 36 00-0065	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	23,373.48	1,056.74
22 34 36 00-0066	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	25,821.65	1,167.98
22 34 36 00-0067	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	28,222.73	1,223.60
22 34 36 00-0068	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	30,664.11	1,334.84

22 34 36 00-0069 Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36)*

22 34 36 00-0070	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,028.47	500.56
22 34 36 00-0071	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,632.85	556.18
22 34 36 00-0072	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	7,791.68	667.42
22 34 36 00-0073	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,959.75	695.22
22 34 36 00-0074	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	12,082.52	834.27
22 34 36 00-0075	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	14,897.87	1,001.13
22 34 36 00-0076	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,925.54	1,056.74
22 34 36 00-0077	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	18,757.13	1,140.17
22 34 36 00-0078	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,469.27	1,195.79
22 34 36 00-0079	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	21,962.07	1,223.60

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 00-0080			Patterson Kelly Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36)*		
	22 34 36 00-0081	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	19,625.73	834.27
	22 34 36 00-0082	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	21,615.93	1,001.13
	22 34 36 00-0083	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	28,887.00	1,140.17
	22 34 36 00-0084	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	29,761.52	1,195.79
	22 34 36 00-0085	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific)	31,152.17	1,223.60
22 34 36 00-0086			Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36)*		
	22 34 36 00-0087	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	24,890.41	1,001.13
	22 34 36 00-0088	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	30,101.46	1,140.17
	22 34 36 00-0089	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	31,945.53	1,223.60
22 34 36 00-0090			Laars Mighty Therm Volume Water Heater *(22 34 36)*		
	22 34 36 00-0091	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	6,450.64	674.16
	22 34 36 00-0092	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	7,012.65	758.43
	22 34 36 00-0093	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	8,145.36	926.97
	22 34 36 00-0094	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	11,693.11	1,011.24
	22 34 36 00-0095	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	12,896.06	1,179.78
	22 34 36 00-0096	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	14,750.86	1,348.32
	22 34 36 00-0097	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	16,309.47	1,516.85
	22 34 36 00-0098	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	19,432.29	1,685.39
	22 34 36 00-0099	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	20,174.84	1,769.66
	22 34 36 00-0100	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	21,620.04	1,853.94
22 34 36 00-0101			Laars Mighty Therm Gas Fired Domestic Hot Water Skid Package *(22 34 36)* Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.		
	22 34 36 00-0102	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	49,473.28	1,119.57
	22 34 36 00-0103	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	59,756.64	1,189.54
	22 34 36 00-0104	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	72,538.20	1,259.52
	22 34 36 00-0105	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	86,650.46	1,329.50
	22 34 36 00-0106	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	90,826.17	1,399.47
22 34 36 00-0107			Removal And Reinstallation Of Water Heater *(22 34 36)* Note: Includes storage and cleaning.		
	22 34 36 00-0108	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	415.93	
	22 34 36 00-0109	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,099.83	

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 00-0001			Oil-Fired Domestic Water Heaters (Bock) *(22 34 46)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
	22 34 46 00-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	1,520.99	176.15
	22 34 46 00-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	1,500.46	176.15
	22 34 46 00-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	1,566.42	176.15
	22 34 46 00-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	1,654.16	180.72
	22 34 46 00-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,105.05	185.30
	22 34 46 00-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	1,778.93	185.30
22 34 46 00-0008			Oil Fired Commercial Water Heaters *(22 34 46)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
	22 34 46 00-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Boch 71E)	2,465.32	274.52
	22 34 46 00-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 72E)	2,894.68	274.52
	22 34 46 00-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 73E)	2,911.19	274.52
	22 34 46 00-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	4,192.69	366.02
	22 34 46 00-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	5,750.88	457.53
	22 34 46 00-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	7,238.19	503.29

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water heat Exchangers *(22 35)*

22 35 23 00-0001			Steam Driven Water Heaters *(22 35 23)*		
22 35 23 00-0002			Constant Flow *(22 35 23 00-0001)*		
	22 35 23 00-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	4,334.03	457.53
	22 35 23 00-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	5,408.97	560.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 00-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	6,936.80	733.23
22 35 23 00-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	9,397.95	1,021.30
22 35 23 00-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	13,935.27	1,682.06
22 35 23 00-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	15,215.48	1,906.34
22 35 23 00-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	19,849.39	2,199.62
22 35 23 00-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	23,864.94	2,599.60
22 35 23 00-0011		Variable Flow *(22 35 23 00-0001)*		
22 35 23 00-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	6,607.96	892.19
22 35 23 00-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	7,519.70	1,089.38
22 35 23 00-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	9,599.80	1,408.64
22 35 23 00-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	12,635.19	1,965.37
22 35 23 00-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	18,992.90	3,286.90
22 35 23 00-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	22,966.67	3,619.70
22 35 23 00-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	26,621.05	4,236.37
22 35 23 00-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	33,593.11	5,061.20

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, And Trim *(22 41)*

22 41 39 00-0001		Kitchen Faucets *(22 41 39)*		
22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	132.77	42.11
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	150.73	42.11
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	150.73	42.11
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	145.77	42.11
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	155.42	42.11
22 41 39 00-0007		Lavatory Faucets *(22 41 39)*		
22 41 39 00-0008	EA	Chrome Single Acrylic Handle Bath Faucet (Delta 502-DST)	117.98	30.32
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome Single Lever Handle Bath Faucet (Delta 500WF)	117.98	30.32
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome Two Handle Bath Faucet With Acrylic Handles (Delta 2502LF)	88.44	30.32
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	
22 41 39 00-0011		Bath And Shower Faucets *(22 41 39)*		
22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	152.40	36.55
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	176.97	36.55
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	141.69	36.55
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	154.92	36.55
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	168.60	22.88
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	142.29	22.88
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Alsons 62001 DS)	174.98	22.88
22 41 39 00-0019		Laundry Faucets *(22 41 39)*		
22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	102.92	26.90
22 41 39 00-0021		Laundry/Wash Basin Faucets *(22 41 39)*		
22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	103.66	26.90
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	144.32	29.65
22 41 39 00-0024		Other Faucets *(22 41 39)*		
22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	23.42	6.86

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, And Bidets *(22 42)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13		**Commercial Water Closets** *(22 42 13)*		
22 42 13 13-0001		Vitreous China Water Closets *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	487.64	87.60
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado)	483.59	87.60
22 42 13 13-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®)	565.99	87.60
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	708.74	87.60
22 42 13 13-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	642.54	87.60
22 42 13 13-0008	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	510.76	87.60
22 42 13 13-0009		Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0010	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	569.08	107.81
22 42 13 13-0011	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	682.11	107.81
22 42 13 13-0012	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	837.01	107.81
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	620.28	107.81
22 42 13 13-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	572.61	107.81
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	605.75	107.81
22 42 13 13-0016		Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	493.35	87.60
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	503.25	87.60
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	546.93	87.60
22 42 13 13-0020	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	600.97	87.60
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	598.72	87.60
22 42 13 13-0022	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	771.18	87.60
22 42 13 13-0023	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	663.11	87.60
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	537.84	87.60
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL)	515.11	87.60
22 42 13 13-0026		Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0027	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	515.13	87.60
22 42 13 13-0028	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	498.29	87.60
22 42 13 13-0029	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	568.55	87.60
22 42 13 13-0030		Stainless Steel Water Closets *(22 42 13 13)*		
22 42 13 13-0031	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	3,206.10	189.52
22 42 13 13-0032	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	3,381.31	189.52
22 42 13 13-0033		Water Closet Carriers *(22 42 13 13)*		
22 42 13 13-0034		Pipe Grip Adaptor Type, Water Closet Carriers *(22 42 13 13-0033)* Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0035	EA	Pipe Grip Adaptor Type, Water Closet Carrier	386.28	44.48
22 42 13 13-0036		No-Hub, Water Closet Carriers *(22 42 13 13-0033)* Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0037	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	582.47	44.48
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-48.14*	
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Auxiliary Inlet, Add	*141.22*	
		For Special Duty 500 LB Carrier, Add	*228.52*	
22 42 13 13-0038	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	582.47	44.48
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-48.14*	
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Auxiliary Inlet, Add	*141.22*	
		For Special Duty 500 LB Carrier, Add	*228.52*	
22 42 13 13-0039	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	633.49	44.48
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-48.14*	
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Auxiliary Inlet, Add	*141.22*	
		For Horizontal No Hub Cast Long Barrel, Add	*142.12*	
		For Carrier For Wide Chase Installations, Add	*192.07*	
		For Special Duty 1,000 LB Carrier, Add	*228.53*	
22 42 13 13-0040	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	698.89	44.48
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-48.14*	
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For 4" Branch, Add	*109.78*	
		For Auxiliary Inlet, Add	*141.22*	
		For Carrier For Wide Chase Installations, Add	*192.07*	
		For Double 4" Branches, Add	*220.26*	
		For Special Duty 1,000 LB Carrier, Add	*228.53*	
22 42 13 13-0041	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	964.00	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For Auxiliary Inlet, Add	*153.86*	
		For Special Duty 500 LB Carrier, Add	*457.05*	
22 42 13 13-0042	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	989.88	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For Auxiliary Inlet, Add	*153.86*	
		For Special Duty 500 LB Carrier, Add	*457.05*	
22 42 13 13-0043	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,196.12	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For 4" Branch, Add	*116.09*	
		For Auxiliary Inlet, Add	*153.86*	
		For Double 4" Branches, Add	*232.90*	
		For Carrier For Wide Chase Installations, Add	*422.03*	
		For Special Duty 1,000 LB Carrier, Add	*457.06*	
22 42 13 13-0044	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,128.57	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For Horizontal No Hub Cast Long Barrel, Add	*148.43*	
		For Carrier For Wide Chase Installations, Add	*422.03*	
		For Special Duty 1,000 LB Carrier, Add	*457.06*	

22 42 13 13-0045 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0033)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0046	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	582.47	44.48
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Hanger Type Closet Adapter, Add	*102.76*	
		For Auxiliary Inlet, Add	*141.22*	
22 42 13 13-0047	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	582.47	44.48
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Auxiliary Inlet, Add	*141.22*	
		For Special Duty 500 LB Carrier, Add	*228.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0048	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	723.32	44.48
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-48.14*	
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For 4" Branch, Add	*109.78*	
		For Auxiliary Inlet, Add	*141.22*	
		For Carrier For Wide Chase Installations, Add	*192.07*	
		For Double 4" Branches, Add	*220.26*	
		For Special Duty 1,000 LB Carrier, Add	*228.53*	
22 42 13 13-0049	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	964.00	65.28
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For Auxiliary Inlet, Add	*153.86*	
		For Hanger Type Closet Adapter, Add	*205.53*	
22 42 13 13-0050	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,220.55	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For 4" Branch, Add	*116.09*	
		For Auxiliary Inlet, Add	*153.86*	
		For Double 4" Branches, Add	*232.90*	
		For Carrier For Wide Chase Installations, Add	*422.03*	
		For Special Duty 1,000 LB Carrier, Add	*457.06*	

22 42 13 13-0051 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
(22 42 13 13-0033)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0052	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	456.71	44.48
		For Positioning Frame, Add	*32.61*	
		For Supply Pipe Support, Add	*33.33*	
		For Vandal Proof Trim, Add	*40.97*	
		For Hanger Type Closet Adapter, Add	*102.76*	

22 42 13 13-0053 Institutional Water Closet Carriers *(22 42 13 13-0033)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 13-0054	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	1,554.00	65.28
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-96.27*	
		For Positioning Frame, Add	*71.53*	
		For Supply Pipe Support, Add	*72.97*	
		For Vandal Proof Trim, Add	*81.93*	
		For Auxiliary Inlet, Add	*153.86*	

22 42 13 13-0055 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0056	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	385.14	
22 42 13 13-0057	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	385.14	
22 42 13 13-0058	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	296.23	
22 42 13 13-0059	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	296.23	

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Maybrook™)	447.58	90.13
22 42 13 16-0004	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Decorum™)	461.99	90.13
22 42 13 16-0005	EA	Washout, Wall Hung, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	530.43	90.13
22 42 13 16-0006	EA	Blowout, Wall Hung, Vitreous China Urinal (American Standard Lynbrook™)	573.21	90.13
22 42 13 16-0007	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™)	529.08	90.13
22 42 13 16-0008	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Allbrook™)	459.21	90.13
22 42 13 16-0009	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT447E Or UT447EV)	541.26	90.13
22 42 13 16-0010	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT104E Or UT104EV)	474.29	90.13
22 42 13 16-0011	EA	Washout, Wall Hung, Vitreous China Urinal (Zurn Z5798)	506.83	90.13
22 42 13 16-0012	EA	0.125 To 0.5 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1009-A)	469.51	90.13
22 42 13 16-0013	EA	1.0 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1006-A)	468.09	90.13

22 42 13 16-0014 Floor Mounted Urinals *(22 42 13 16-0001)*

22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	704.82	113.71

22 42 13 16-0016 Waterfree Urinals *(22 42 13 16-0001)*

22 42 13 16-0017	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Small FloWise® Flush-Free)	396.09	63.18
22 42 13 16-0018	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Medium FloWise® Flush-Free)	438.42	63.18
22 42 13 16-0019	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	459.58	63.18
22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-1000)	659.15	63.18
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-51.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	609.85	63.18
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-45.52*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	485.12	63.18
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-31.30*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	485.12	63.18
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-31.30*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	583.13	63.18
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-42.47*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	845.17	63.18
		For >1, Deduct	*-72.34*	
22 42 13 16-0026		Stainless Steel Urinals *(22 42 13 16)*		
22 42 13 16-0027	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	3,304.65	189.52
22 42 13 16-0028	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,288.71	231.63
22 42 13 16-0029		Urinal Carriers *(22 42 13 16)*		
22 42 13 16-0030		Floor Mounted, Urinal Carriers *(22 42 13 16-0029)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0031	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	332.70	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
22 42 13 16-0032	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	360.01	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
22 42 13 16-0033		Wall Mounted, Urinal Carriers *(22 42 13 16-0029)*		
		Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0034	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	162.39	32.01
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*15.09*	
22 42 13 16-0035		Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0036	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	383.71	
22 42 16		**Commercial Lavatories And Sinks** *(22 42)*		
22 42 16 13		**Commercial Lavatories** *(22 42 16)*		
22 42 16 13-0001		Lavatories *(22 42 16 13)*		
		Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 13-0002		Wall Hung Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	409.29	56.43
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	424.60	56.43
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	521.26	56.43
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	381.37	56.43
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	338.59	56.43
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	388.57	56.43
22 42 16 13-0009	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	409.03	56.43
22 42 16 13-0010	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	469.17	56.43
22 42 16 13-0011	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	351.20	56.43
22 42 16 13-0012		Countertop Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0013	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	390.11	68.23
22 42 16 13-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	395.59	68.23
22 42 16 13-0015	EA	19" Diameter Enameled Steel Countertop Lavatory (American Standard Colony Round™)	374.42	68.23
22 42 16 13-0016	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	410.99	68.23
22 42 16 13-0017	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	427.26	68.23
22 42 16 13-0018	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	526.36	73.70
22 42 16 13-0019		Undercounter Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0020	EA	15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	395.86	68.23
22 42 16 13-0021	EA	17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	375.60	68.23
22 42 16 13-0022	EA	19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	375.60	68.23
22 42 16 13-0023	EA	21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	400.27	68.23
22 42 16 13-0024	EA	15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	386.41	68.23
22 42 16 13-0025	EA	17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	382.67	68.23
22 42 16 13-0026	EA	19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	386.48	68.23
22 42 16 13-0027	EA	18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	470.37	68.23
22 42 16 13-0028	EA	21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	470.37	68.23
22 42 16 13-0029		Pedestal Lavatories *(22 42 16 13-0001)*		
22 42 16 13-0030	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	501.73	162.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0031		**Pre-Molded Culture Marble Lavatory Vanity** *(22 42 16 13-0001)* Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
22 42 16 13-0032	EA	17" x 20" Pre-Molded Culture Marble Vanity Top With Lavatory	188.93	52.65
		For Colored Fixtures, Add	*24.26*	
22 42 16 13-0033	EA	18" x 24" Pre-Molded Culture Marble Vanity Top With Lavatory	225.48	63.18
		For Colored Fixtures, Add	*28.76*	
22 42 16 13-0034	EA	18" x 30" Pre-Molded Culture Marble Vanity Top With Lavatory	244.00	67.38
		For Colored Fixtures, Add	*31.69*	
22 42 16 13-0035	EA	18" x 36" Pre-Molded Culture Marble Vanity Top With Lavatory	260.18	71.60
		For Colored Fixtures, Add	*33.94*	
22 42 16 13-0036	EA	19" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory	229.36	63.18
		For Colored Fixtures, Add	*29.88*	
22 42 16 13-0037	EA	19" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory	246.30	67.38
		For Colored Fixtures, Add	*32.36*	
22 42 16 13-0038	EA	19" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory	261.72	71.60
		For Colored Fixtures, Add	*34.39*	
22 42 16 13-0039	EA	19" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory	285.34	73.70
		For Colored Fixtures, Add	*40.01*	
22 42 16 13-0040	EA	19" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory	305.11	75.81
		For Colored Fixtures, Add	*44.52*	
22 42 16 13-0041	EA	22" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory	244.89	63.18
		For Colored Fixtures, Add	*34.39*	
22 42 16 13-0042	EA	22" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory	272.70	67.38
		For Colored Fixtures, Add	*40.01*	
22 42 16 13-0043	EA	22" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory	288.89	71.60
		For Colored Fixtures, Add	*42.26*	
22 42 16 13-0044	EA	22" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory	305.53	73.70
		For Colored Fixtures, Add	*45.87*	
22 42 16 13-0045	EA	22" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory	320.64	75.81
		For Colored Fixtures, Add	*49.02*	
22 42 16 13-0046	EA	22" x 55" Pre-Molded Culture Marble Vanity Top With Lavatory	341.47	80.01
		For Colored Fixtures, Add	*52.62*	
22 42 16 13-0047		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0048	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,642.65	147.41
22 42 16 13-0049		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)* Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0050	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	3,607.98	117.72
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0051	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	5,263.85	117.72
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0052	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	258.30	39.24
22 42 16 13-0053	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	315.15	39.24
22 42 16 13-0054	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	604.72	39.24
22 42 16 13-0055		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0056		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0055)*		
22 42 16 13-0057		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0056)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0058	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	332.70	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For Valve Plate For Attaching To Upright, Add	*55.76*	
		For Corner Carrier, Add	*108.65*	
22 42 16 13-0059	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	360.01	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For Valve Plate For Attaching To Upright, Add	*55.76*	
22 42 16 13-0060	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	408.16	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*30.18*	
		For Valve Plate For Attaching To Upright, Add	*111.52*	
22 42 16 13-0061	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	463.49	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*30.18*	
		For Valve Plate For Attaching To Upright, Add	*111.52*	
22 42 16 13-0062		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0056)* Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0063	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	425.00	37.90
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*15.09*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*20.84*	
		For Valve Plate For Attaching To Upright, Add	*57.45*	
		For 2" Chrome Plated Escutcheons, Add	*51.02*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*92.70*	
22 42 16 13-0064	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	557.23	37.90
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*15.09*	
		For Vandal Proof Trim, Add	*40.97*	
		For Valve Plate For Attaching To Upright, Add	*57.45*	
		For Heavy Duty Carrier, Add	*52.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0065	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	556.51	37.90
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*30.18*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*41.69*	
		For Valve Plate For Attaching To Upright, Add	*114.89*	
		For 2" Chrome Plated Escutcheons, Add	*102.04*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*185.41*	
22 42 16 13-0066	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	809.47	37.90
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*30.18*	
		For Vandal Proof Trim, Add	*81.93*	
		For Valve Plate For Attaching To Upright, Add	*114.89*	
		For Heavy Duty Carrier, Add	*104.92*	

22 42 16 13-0067 Wall Mounted, Lavatory Carriers *(22 42 16 13-0055)*

22 42 16 13-0068 Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0067)*

Note: Includes wall plate and adjustable supporting rods.

22 42 16 13-0069	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	162.39	32.01
		For Double Plate Carrier, Add	*44.84*	

22 42 16 13-0070 Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0067)*

Note: Includes wall plate and leveling and securing screws.

22 42 16 13-0071	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	257.56	37.90
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For 2" Chrome Plated Escutcheons, Add	*51.02*	
22 42 16 13-0072	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	297.80	37.90
		For Movable Mounting Brackets, Deduct	*-38.79*	
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For 2" Chrome Plated Escutcheons, Add	*51.02*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*92.70*	
22 42 16 13-0073	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	422.13	37.90
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*15.09*	
		For Vandal Proof Trim, Add	*40.97*	

22 42 16 13-0074 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 13-0075	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	247.73	

22 42 16 16 Commercial Sinks *(22 42 16)*

22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	535.22	79.18
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	698.48	90.13
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	816.76	77.49
		For 18 Gauge, Add	*250.45*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	841.21	77.49
		For 18 Gauge, Add	*262.68*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	896.24	77.49
		For 18 Gauge, Add	*290.19*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	943.02	79.18
		For 18 Gauge, Add	*308.53*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,215.67	90.13
		For 18 Gauge, Add	*428.78*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,245.08	90.13
		For 18 Gauge, Add	*443.33*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,213.15	77.49
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,240.67	77.49
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,309.96	77.49
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,400.56	79.18
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,713.97	90.13
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,635.37	90.13

22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,066.34	77.49
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,063.36	77.49
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,076.53	77.49
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,145.82	77.49

22 42 16 16-0022 Multi-Station Wash Sink, Wall Mounted *(22 42 16 16-0001)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

22 42 16 16-0023	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,365.89	136.87
22 42 16 16-0024	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,784.41	147.41
22 42 16 16-0025	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,037.51	157.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0026	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,317.42	105.29
22 42 16 16-0027	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,577.63	115.81
22 42 16 16-0028	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,832.36	126.34
22 42 16 16-0029	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,143.76	142.14
22 42 16 16-0030	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	3,086.90	231.63
22 42 16 16-0031		Laundry Sinks *(22 42 16 16-0001)*		
22 42 16 16-0032	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	510.34	90.13
22 42 16 16-0033	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	574.73	90.13
22 42 16 16-0034	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	509.00	90.13
22 42 16 16-0035	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	736.58	90.13
22 42 16 16-0036	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,015.34	101.08
22 42 16 16-0037		Refinish Sink/Lavatory *(22 42 16 16-0001)*		
22 42 16 16-0038	EA	Refinish Sink/Lavatory	198.71	
22 42 16 16-0039		Service Sinks *(22 42 16 16-0001)*		
22 42 16 16-0040	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	732.33	135.61
22 42 16 16-0041	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	767.45	135.61
22 42 16 16-0042	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	958.32	179.41
22 42 16 16-0043	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	421.65	126.34
22 42 16 16-0044	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	477.72	126.34
22 42 16 16-0045	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	531.41	151.61
22 42 16 16-0046	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	521.01	126.34
22 42 16 16-0047	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	590.11	151.61
22 42 16 16-0048	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	591.26	126.34
22 42 16 16-0049	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	727.07	151.61
22 42 16 16-0050		Stainless Steel Sink And Drainboard *(22 42 16 16-0001)*		
22 42 16 16-0051	EA	24" x 24" Stainless Steel Sink With One Compartment And Drainboard , 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	3,306.84	210.57
22 42 16 16-0052		Soapstone Sinks *(22 42 16 16-0001)*		
22 42 16 16-0053	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	768.48	77.49
22 42 16 16-0054	SF	Soapstone Sink Backsplash	100.93	
22 42 16 16-0055	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	971.31	90.13
22 42 16 16-0056	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,125.81	90.13
22 42 16 16-0057		Sink Carriers *(22 42 16 16)*		
22 42 16 16-0058		Floor Mounted, Sink Carriers *(22 42 16 16-0057)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0059	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	472.83	32.01
		For Vandal Proof Trim, Add	*40.97*	
		For Valve Plate For Attaching To Upright, Add	*55.76*	
22 42 16 16-0060	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	719.32	32.01
		For Vandal Proof Trim, Add	*40.97*	
		For Auxiliary Vent, Add	*124.04*	
22 42 16 16-0061	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	894.68	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*30.90*	
		For Vandal Proof Trim, Add	*40.97*	
22 42 16 16-0062		Removal And Reinstallation Of Sink And Trim *(22 42 16 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0063	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	339.64	
22 42 19		**Commercial Bathtubs** *(22 42)*		
22 42 19 00-0001		Recessed Alcove Bathtubs *(22 42 19)*		
22 42 19 00-0002		Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,047.60	234.16
22 42 19 00-0004	EA	60" x 30" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler Villager®)	603.76	234.16
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	909.29	234.16
22 42 19 00-0006	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,051.07	234.16
22 42 19 00-0007	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,329.23	234.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 19 00-0008		Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0009	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	509.72	234.16
22 42 19 00-0010	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	519.63	234.16
22 42 19 00-0011		Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0012	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	714.60	234.16
22 42 19 00-0013		Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0014	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	733.34	234.16
22 42 19 00-0015	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	853.08	234.16
22 42 19 00-0016	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	868.54	234.16
22 42 19 00-0017	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	859.04	234.16
22 42 19 00-0018	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	893.23	234.16
22 42 19 00-0019		Bathtub Refinishing *(22 42 19 00-0001)*		
22 42 19 00-0020	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	441.99	
22 42 19 00-0021		Tub And Shower Combinations *(22 42 19)*		
22 42 19 00-0022		Acrylic Tub And Shower Combination *(22 42 19 00-0021)*		
22 42 19 00-0023	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	770.71	84.75
		For 2 Piece Enclosure, Deduct	*-171.15*	
22 42 19 00-0024		Fiberglass Tub And Shower Combination *(22 42 19 00-0021)*		
22 42 19 00-0025	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	612.56	84.75
22 42 19 00-0026	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	477.42	56.50
22 42 19 00-0027	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	964.96	127.92
22 42 19 00-0028	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	1,949.51	290.75
		For 2 Piece Enclosure, Deduct	*-411.93*	
22 42 23		**Commercial Showers** *(22 42)*		
22 42 23 00-0001		Shower Enclosures *(22 42 23)*		
		Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0003		Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0004	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	981.74	135.85
22 42 23 00-0005	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	981.74	135.85
22 42 23 00-0006	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,436.17	135.85
22 42 23 00-0007	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	1,571.07	135.85
22 42 23 00-0008		Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0009	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,556.87	135.85
22 42 23 00-0010	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,556.87	135.85
22 42 23 00-0011	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,195.91	135.85
22 42 23 00-0012	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	2,444.42	135.85
22 42 23 00-0013		1 Piece Shower Units *(22 42 23)*		
22 42 23 00-0014	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	722.78	84.75
22 42 23 00-0015	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	799.79	84.75
22 42 23 00-0016		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0017		Acrylic Shower Receptors *(22 42 23 00-0016)*		
22 42 23 00-0018	EA	36" x 36" Acrylic Shower Receptor	355.37	34.32
22 42 23 00-0019	EA	42" x 42" Acrylic Shower Receptor	375.46	34.32
22 42 23 00-0020	EA	48" x 48" Acrylic Shower Receptor	415.59	34.32
22 42 23 00-0021	EA	60" x 60" Acrylic Shower Receptor	505.37	41.18
22 42 23 00-0022	EA	48" x 32" Acrylic Shower Receptor	356.31	34.32
22 42 23 00-0023	EA	48" x 36" Acrylic Shower Receptor	382.74	34.32
22 42 23 00-0024	EA	48" x 42" Acrylic Shower Receptor	431.91	34.32
22 42 23 00-0025	EA	60" x 30" Acrylic Shower Receptor	698.18	94.22
22 42 23 00-0026	EA	60" x 32" Acrylic Shower Receptor	480.36	41.18
22 42 23 00-0027	EA	60" x 36" Acrylic Shower Receptor	483.76	41.18
22 42 23 00-0028	EA	60" x 42" Acrylic Shower Receptor	486.88	41.18
22 42 23 00-0029	EA	60" x 48" Acrylic Shower Receptor	535.74	41.18
22 42 23 00-0030	EA	36" x 36" Acrylic Corner Shower Receptor	516.46	34.32
22 42 23 00-0031	EA	42" x 42" Acrylic Corner Shower Receptor	592.31	34.32
22 42 23 00-0032	EA	47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	958.13	89.51
22 42 23 00-0033		Molded Stone Shower Receptors *(22 42 23 00-0016)*		
22 42 23 00-0034	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	238.50	34.32
22 42 23 00-0035	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	249.84	34.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0036	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	251.10	34.32
22 42 23 00-0037	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	307.17	34.32
22 42 23 00-0038	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	273.15	34.32
22 42 23 00-0039	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	288.90	34.32
22 42 23 00-0040	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	290.79	34.32
22 42 23 00-0041	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	336.97	41.18
22 42 23 00-0042	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	348.94	41.18
22 42 23 00-0043	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	276.30	34.32
22 42 23 00-0044	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	283.23	34.32

22 42 23 00-0045 Precast Terrazzo Shower Receptors *(22 42 23 00-0016)*

22 42 23 00-0046	EA	30" x 30" Precast Terrazzo Shower Receptor	443.88	34.32
22 42 23 00-0047	EA	32" x 32" Precast Terrazzo Shower Receptor	460.89	34.32
22 42 23 00-0048	EA	34" x 34" Precast Terrazzo Shower Receptor	476.64	34.32
22 42 23 00-0049	EA	36" x 36" Precast Terrazzo Shower Receptor	478.53	34.32
22 42 23 00-0050	EA	40" x 40" Precast Terrazzo Shower Receptor	523.26	34.32
22 42 23 00-0051	EA	42" x 42" Precast Terrazzo Shower Receptor	545.94	34.32
22 42 23 00-0052	EA	48" x 48" Precast Terrazzo Shower Receptor	765.18	34.32
22 42 23 00-0053	EA	36" x 32" Precast Terrazzo Shower Receptor	472.86	34.32
22 42 23 00-0054	EA	42" x 32" Precast Terrazzo Shower Receptor	481.89	34.32
22 42 23 00-0055	EA	42" x 34" Precast Terrazzo Shower Receptor	498.06	34.32
22 42 23 00-0056	EA	42" x 36" Precast Terrazzo Shower Receptor	518.22	34.32
22 42 23 00-0057	EA	32" x 48" Precast Terrazzo Shower Receptor	520.11	34.32
22 42 23 00-0058	EA	48" x 34" Precast Terrazzo Shower Receptor	545.94	34.32
22 42 23 00-0059	EA	48" x 36" Precast Terrazzo Shower Receptor	564.84	34.32
22 42 23 00-0060	EA	54" x 32" Precast Terrazzo Shower Receptor	571.77	34.32
22 42 23 00-0061	EA	60" x 30" Precast Terrazzo Shower Receptor	772.07	41.18
22 42 23 00-0062	EA	60" x 32" Precast Terrazzo Shower Receptor	843.55	41.18
22 42 23 00-0063	EA	60" x 34" Precast Terrazzo Shower Receptor	847.06	41.18
22 42 23 00-0064	EA	60" x 36" Precast Terrazzo Shower Receptor	850.55	41.18
22 42 23 00-0065	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	481.05	34.32
22 42 23 00-0066	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	481.89	34.32
22 42 23 00-0067	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	483.57	34.32
22 42 23 00-0068	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	578.70	34.32
22 42 23 00-0069	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,048.05	34.32
22 42 23 00-0070	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,167.31	41.18
22 42 23 00-0071	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,216.45	41.18

22 42 23 00-0072 Shower Receptors Accessories *(22 42 23 00-0016)*

22 42 23 00-0073	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.03

22 42 23 00-0074 Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 23 00-0075	EA	Removal And Reinstallation Of Shower Head	41.18	

22 42 33 Wash Fountains *(22 42)*

22 42 33 00-0001 Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	7,854.71	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	3,364.82	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	5,757.48	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	10,021.26	156.95
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	3,881.10	156.95
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	6,892.68	156.95
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	6,854.41	117.72
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	3,066.16	117.72
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	4,375.64	117.72
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	8,414.70	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	3,696.23	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	5,203.12	137.34
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, And Trim *(22 42)*

22 42 39 00-0001 Other Trim *(22 42 39)*

22 42 39 00-0002	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	13.83	4.58
22 42 39 00-0003	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	74.77	13.72
22 42 39 00-0004	EA	Basket Strainer Assembly (American Standard 055781-0070A)	34.60	11.44
22 42 39 00-0005	EA	1-1/4" Chrome Plated Cast P-Trap With Or Without Cleanout	91.62	23.92
22 42 39 00-0006	EA	1-1/2" Chrome Plated Cast P-Trap With Or Without Cleanout	93.68	25.27
22 42 39 00-0007	EA	1-1/2" Cast Brass P-Trap With Cleanout	149.72	25.27
22 42 39 00-0008	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	46.46	12.63
22 42 39 00-0009	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	48.35	12.63
22 42 39 00-0010	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	114.73	12.63
22 42 39 00-0011	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	139.07	12.63
22 42 39 00-0012	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	156.75	12.63

22 42 39 00-0013 Kitchen Faucets *(22 42 39)*

22 42 39 00-0014	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	141.94	42.11
22 42 39 00-0015	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	158.40	42.11
22 42 39 00-0016	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	199.27	42.11
22 42 39 00-0017	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	227.80	42.11
22 42 39 00-0018	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	133.24	42.11
22 42 39 00-0019	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	144.84	42.11
22 42 39 00-0020	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	183.93	42.11
22 42 39 00-0021	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	134.87	42.11
22 42 39 00-0022	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	130.48	42.11
22 42 39 00-0023	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	151.95	42.11
22 42 39 00-0024	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	251.37	42.11
22 42 39 00-0025	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	274.42	42.11
22 42 39 00-0026	EA	Wall Mount Kitchen Faucet, Two Handle, 11" Long Swing Spout (Delta 28T6943)	232.92	42.11
22 42 39 00-0027	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	260.54	45.75
22 42 39 00-0028	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	259.41	45.75
22 42 39 00-0029	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	197.39	45.75
22 42 39 00-0030	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	435.33	42.11
22 42 39 00-0031	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	547.19	42.11
22 42 39 00-0032	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	584.47	42.11
22 42 39 00-0033	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	435.33	42.11
22 42 39 00-0034	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	547.19	42.11
22 42 39 00-0035	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	584.47	42.11

22 42 39 00-0036 Lavatory Faucets *(22 42 39)*

22 42 39 00-0037	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	165.60	30.32
22 42 39 00-0038	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	117.98	30.32
22 42 39 00-0039	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	144.03	30.32
22 42 39 00-0040	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	157.02	30.32
22 42 39 00-0041	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	190.57	30.32
22 42 39 00-0042	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	220.37	30.32
22 42 39 00-0043	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	138.43	30.32
22 42 39 00-0044	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	205.50	30.32
22 42 39 00-0045	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	150.89	30.32
22 42 39 00-0046	EA	Easy-Push Metering Faucet Wash-Up Fitting (Speakman S-4123)	133.05	30.32
22 42 39 00-0047	EA	Easy-Push Metering 4" Centerset Faucet (Speakman S-4141-LD)	208.65	30.32
22 42 39 00-0048	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	154.16	30.32
22 42 39 00-0049	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	184.08	30.32
22 42 39 00-0050	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	180.54	30.32
22 42 39 00-0051	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	149.32	30.32

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0052		**Bath And Shower Faucets** *(22 42 39)*		
22 42 39 00-0053		**Bath And Shower Faucets With Valve Body** *(22 42 39 00-0052)*		
22 42 39 00-0054	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	156.18	36.55
22 42 39 00-0055	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	180.75	36.55
22 42 39 00-0056	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	196.50	36.55
22 42 39 00-0057	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	145.47	36.55
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0058	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	151.77	36.55
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0059	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	170.04	36.55
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0060	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	190.83	36.55
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0061		**Shower Valves And Trim** *(22 42 39)*		
		See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0062	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	261.50	56.85
22 42 39 00-0063	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	549.85	56.85
22 42 39 00-0064	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	391.00	56.85
22 42 39 00-0065	EA	Senior Institutional Shower Head (Symmons® 4-150)	152.24	36.55
22 42 39 00-0066	EA	Universal Institutional Shower Head (Symmons® 4-151)	246.05	36.55
22 42 39 00-0067	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	176.94	36.55
22 42 39 00-0068	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	136.49	36.55
22 42 39 00-0069	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	437.38	54.75
22 42 39 00-0070	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	457.91	63.18
22 42 39 00-0071	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	564.44	63.18
22 42 39 00-0072	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	582.22	67.38
22 42 39 00-0073	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	751.21	56.85
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0074	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	887.92	56.85
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0075	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	613.39	56.85
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0076	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	911.95	56.85
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0077	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	976.30	56.85
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0078	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	1,777.88	56.85
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0079	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	1,556.53	56.85
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0080	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	795.05	56.85
22 42 39 00-0081	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	1,205.69	56.85
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0082	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	794.01	56.85
22 42 39 00-0083	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	791.75	56.85
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0084	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	582.53	50.53
22 42 39 00-0085	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	447.90	36.55
22 42 39 00-0086		**Service Sink Faucets** *(22 42 39)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0087	EA	2-1/4" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Knoxford®)	280.62	70.12
22 42 39 00-0088	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Kinlock™)	333.60	70.12
22 42 39 00-0089	EA	3" Spout, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.235)	245.78	70.12
22 42 39 00-0090	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.243)	262.79	70.12
22 42 39 00-0091	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	271.61	70.12
22 42 39 00-0092	EA	7-1/4" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8355.101)	357.20	98.30
22 42 39 00-0093	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8355.110)	400.93	112.03
22 42 39 00-0094	EA	11" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.115)	456.37	112.03
22 42 39 00-0095	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	269.75	70.12
22 42 39 00-0096	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-LCP)	496.93	112.03

22 42 39 00-0097 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0098	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	135.87	29.82
22 42 39 00-0099	EA	Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929)	220.00	42.11
22 42 39 00-0100	EA	Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930)	280.62	42.11
22 42 39 00-0101	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	177.41	39.33
22 42 39 00-0102	EA	Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940)	242.08	56.10
22 42 39 00-0103	EA	Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	321.12	56.10
22 42 39 00-0104	EA	Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946)	255.88	42.11
22 42 39 00-0105	EA	Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942)	256.44	56.10
22 42 39 00-0106	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	166.37	32.39
22 42 39 00-0107	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	234.47	45.75
22 42 39 00-0108	EA	Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802)	184.37	45.75
22 42 39 00-0109	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP)	221.55	45.75
22 42 39 00-0110	EA	Gas Ball Valve, Removable Nozzle, Less Index Button (Chicago Faucet 909-LESS216-28CP)	61.22	28.13
22 42 39 00-0111	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	63.53	28.13
22 42 39 00-0112	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	351.54	50.53
22 42 39 00-0113	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	447.04	50.53
22 42 39 00-0114	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	534.04	50.53
22 42 39 00-0115	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	474.30	50.53
22 42 39 00-0116	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	561.41	50.53
22 42 39 00-0117	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	95.94	27.80
22 42 39 00-0118	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	131.82	33.35
22 42 39 00-0119	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	131.82	33.35
22 42 39 00-0120	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	167.71	38.91
22 42 39 00-0121	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	203.59	44.48

22 42 39 00-0122 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

22 42 39 00-0123	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	562.14	31.58
22 42 39 00-0124	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	607.69	29.48
22 42 39 00-0125	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	782.17	31.58
22 42 39 00-0126	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	825.48	31.58
22 42 39 00-0127	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	996.56	21.06
22 42 39 00-0128	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	1,210.94	52.65
22 42 39 00-0129	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	1,683.44	52.65
22 42 39 00-0130	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	1,738.57	52.65
22 42 39 00-0131	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	167.50	32.03
22 42 39 00-0132	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	181.75	32.03
22 42 39 00-0133	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	194.21	32.03
22 42 39 00-0134	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	759.86	21.06

22 42 39 00-0135 Bubblers And Glass Fillers *(22 42 39)*

22 42 39 00-0136	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	231.63	29.82
22 42 39 00-0137	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	210.95	39.33
22 42 39 00-0138	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	228.62	29.82
22 42 39 00-0139	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	149.87	42.74
22 42 39 00-0140	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	270.26	32.39
22 42 39 00-0141	EA	Self Closing Lever Handle Drinking Bubbler, 1/2" IPS (Haws 5057LF)	294.52	32.39
22 42 39 00-0142	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	273.72	32.39
22 42 39 00-0143	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	229.94	32.39

22 42 39 00-0144 Electronic Infrared Sensor Faucets *(22 42 39)*

22 42 39 00-0145	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	429.11	70.25
		For Faucet With Temperature Control, Add	*40.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0146	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	432.89	70.25
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0147	EA	Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1)	574.05	76.32
22 42 39 00-0148	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	594.95	70.25
22 42 39 00-0149	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	873.38	76.32
22 42 39 00-0150	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,086.39	76.32
22 42 39 00-0151	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,016.54	76.32
22 42 39 00-0152	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	715.69	70.25
22 42 39 00-0153	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	851.84	70.25

22 42 39 00-0154 Removal And Reinstallation Of Fixtures And Trim *(22 42 39)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 39 00-0155	EA	Removal And Reinstallation Of Faucet	73.21	

22 42 43 Flushometers *(22 42)*

22 42 43 00-0001 Water Closet Flush Valves *(22 42 43)*

22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	187.48	28.72
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	182.24	28.72
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	208.91	28.72
22 42 43 00-0005	EA	Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Royal-140)	287.49	28.72
22 42 43 00-0006	EA	Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Royal-142)	317.56	28.72
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	564.44	28.72
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	570.17	28.72
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	600.50	28.72
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	559.77	28.72
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	256.81	16.85
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	491.11	28.72
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89AM)	279.48	28.72
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	246.97	28.72
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	243.99	25.27
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	264.42	25.27
22 42 43 00-0017	EA	Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN)	572.26	28.72
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	625.11	28.72
22 42 43 00-0019	EA	Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31)	794.80	28.72
22 42 43 00-0020	EA	Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32)	794.80	28.72
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	519.87	28.72
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	515.38	28.72
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	255.50	25.27
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	80.27	4.52
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	383.08	28.72
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	200.59	28.72
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	534.19	28.72

22 42 43 00-0028 Urinal Flush Valves *(22 42 43)*

22 42 43 00-0029	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	173.05	28.72
22 42 43 00-0030	EA	Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	185.54	28.72
22 42 43 00-0031	EA	Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	245.19	28.72
22 42 43 00-0032	EA	Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	294.33	28.72
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	456.31	28.72
22 42 43 00-0034	EA	Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	609.22	28.72
22 42 43 00-0035	EA	Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	682.05	28.72
22 42 43 00-0036	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	449.00	28.72
22 42 43 00-0037	EA	Foot Operated Flush Valve Note: Can be used for water closets.	505.72	28.72
22 42 43 00-0038	EA	Exposed Infrared Urinal Flush Valve (Toto EcoPower TEU1LN) Note: 0.5 GPF.	572.26	28.72
22 42 43 00-0039	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	621.71	28.72
22 42 43 00-0040	EA	Concealed Infrared Urinal Flush Valve, 0.5 GPF (Toto EcoPower TEU2LN21 Or TEU3LN21) Note: 0.5 GPF.	974.17	28.72
22 42 43 00-0041	EA	Exposed Solar/Battery Powered Urinal Flush Valve, Top Spud (Sloan Solis 8186-0.13) Note: 0.13 GPF.	340.97	28.72
22 42 43 00-0042	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Zurn Z6003AV-ULF) Note: 0.125 GPF.	196.49	28.72
22 42 43 00-0043	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Zurn ZTR6203-ULF) Note: 0.125 GPF.	483.33	28.72
22 42 43 00-0044	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	491.12	28.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0045		Removal And Reinstallation Of Fixtures And Trim *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0046	EA	Removal And Reinstallation Of Flush Valve	114.39	
22 42 43 00-0047		Plumbing Control Transformers *(22 42 43)*		
22 42 43 00-0048	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	36.85	
22 42 46		**Chemical Toilets *(22 42)*** Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		Standard Chemical Toilets *(22 42 46)*		
22 42 46 00-0002		Small Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	3,521.42	842.29
		For Extra Urinal, Add	*116.30*	
22 42 46 00-0004		Medium Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	4,183.47	1,003.18
		For Extra Urinal, Add	*137.58*	
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	5,096.14	1,137.94
		For Extra Urinal, Add	*191.25*	
22 43		**Healthcare Plumbing Fixtures *(22 40)***		
22 43 13		**Healthcare Water Closets *(22 43)***		
22 43 13 00-0001		Healthcare Water Closets *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	608.17	87.60
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	502.80	87.60
22 43 16		**Healthcare Sinks *(22 43)***		
22 43 16 00-0001		Healthcare Sinks *(22 43 16)* Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	846.07	56.43
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	925.91	162.14
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	814.55	56.43
		For Painted Bracket Supports, Add	*22.46*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	719.99	56.43
22 43 16 00-0006		Surgical Scrub Sinks *(22 43 16)*		
22 43 16 00-0007	EA	25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR) Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	2,784.18	126.34
22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	4,252.37	168.46
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	4,252.37	168.46
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	5,605.23	210.57
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	5,605.23	210.57
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,304.07	252.69
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	7,304.07	252.69
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846)	328.17	63.18
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851)	348.12	67.38
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852)	379.62	71.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39		**Healthcare Faucets** *(22 43)*		
22 43 39 00-0001		Medical Faucet Spouts *(22 43 39)*		
22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	70.92	12.63
22 43 39 00-0003		Centerset Medical Faucets *(22 43 39)*		
22 43 39 00-0004	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	366.31	61.83
22 43 39 00-0005	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	370.25	61.83
22 43 39 00-0006	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	369.85	61.83
22 43 39 00-0007	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	332.45	61.83
22 43 39 00-0008	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	319.06	61.83
22 43 39 00-0009		Electronic Proximity Medical Faucets *(22 43 39)*		
22 43 39 00-0010	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	395.43	61.83
22 43 39 00-0011		Bedpan Washers *(22 43 39)*		
22 43 39 00-0012	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	858.12	112.36
22 43 39 00-0013	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	816.90	112.36
22 43 39 00-0014	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	804.69	112.36
22 43 39 00-0015	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	792.81	112.36
22 43 39 00-0016		Foot And Knee Faucet Controls *(22 43 39)*		
22 43 39 00-0017	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	292.34	112.36
22 43 39 00-0018	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	335.81	112.36
22 43 39 00-0019	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	670.87	112.36
22 43 43		**Healthcare Plumbing Fixture Flushometers** *(22 43)*		
22 43 43 00-0001		Healthcare Plumbing Fixture Flushometers *(22 43 43)*		
22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	162.69	28.72
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	346.62	28.72
22 43 46		**Patient Care Fixtures** *(22 43)*		
22 43 46 00-0001		Modular Patient Care Units *(22 43 46)*		
22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	10,368.47	168.46
		For SDB Single Temperature Dialysis Box, Add	*742.73*	
		For DDB Dual Temperature Dialysis Box, Add	*788.86*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*615.34*	
		For LOCK Flush Valve Lockout Device, Add	*418.65*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	8,187.54	147.41
		For SDB Single Temperature Dialysis Box, Add	*742.73*	
		For DDB Dual Temperature Dialysis Box, Add	*788.86*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*615.34*	
		For LOCK Flush Valve Lockout Device, Add	*418.65*	
22 43 46 00-0004		Patient Care Plumbing Accessories *(22 43 46)*		
22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	982.71	22.88
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	1,081.21	22.88
22 45		**Emergency Plumbing Fixtures** *(22 40)*		
22 45 13		**Emergency Showers** *(22 45)*		
22 45 13 00-0001		Emergency Drench Showers *(22 45 13)*		
22 45 13 00-0002		Emergency Drench Showers (Haws) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	523.18	147.41
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	594.05	147.41
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	633.42	147.41
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	751.55	147.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	995.68	147.41
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	801.54	168.46
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	879.09	189.52
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	804.28	189.52
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	820.03	189.52
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,115.34	189.52

22 45 13 00-0013 Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	446.63	147.41
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	457.97	147.41
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	690.35	168.46

22 45 13 00-0017 Emergency Drench Showers (Guardian) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0018	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	2,954.36	147.41

22 45 13 00-0019 Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*

Note: Includes one pull rod.

22 45 13 00-0020	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	502.70	147.41
22 45 13 00-0021	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	511.79	147.41
22 45 13 00-0022	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	957.02	147.41
22 45 13 00-0023	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	761.29	189.52
22 45 13 00-0024	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	967.00	189.52

22 45 16 Eyewash Equipment *(22 45)*

22 45 16 00-0001 Emergency Eyewash Equipment *(22 45 16)*

22 45 16 00-0002 Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*

22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	213.17	4.21
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,052.34	189.52

22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*

22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	411.83	42.11
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	411.83	42.11
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	418.72	42.11
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	418.72	42.11
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	545.18	42.11
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	616.42	42.11
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	616.42	42.11
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	1,113.30	42.11
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	1,113.30	42.11
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	1,163.43	42.11
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	1,163.43	42.11
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	1,427.22	42.11
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	1,427.22	42.11
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	814.60	147.41
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	804.88	147.41
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	613.23	147.41
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	815.34	147.41
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	541.08	147.41

22 45 23 Personal Eyewash Equipment *(22 45)*

22 45 23 00-0001 Portable Eyewash Equipment *(22 45 23)*

22 45 23 00-0002 Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*

22 45 23 00-0003	EA	Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H)	1,275.45	12.63

22 45 26 Eye/Face Wash Equipment *(22 45)*

22 45 26 00-0001 Emergency Eye/Face Wash Equipment *(22 45 26)*

22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*

22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	553.13	105.29
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	566.49	147.41
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	554.68	147.41

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)	601.14	147.41
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)	605.86	147.41
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)	661.78	147.41
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	885.42	147.41
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	1,633.55	147.41
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	691.30	168.46
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	781.86	168.46
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	1,695.36	168.46
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	450.42	42.11
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	434.67	42.11
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	454.35	42.11
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	568.54	42.11
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,413.40	210.57
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	1,687.48	168.46
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	1,744.15	210.57
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,026.11	168.46

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	493.88	147.41
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	599.63	168.46

22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) *(22 45 26 00-0001)*

22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	740.06	147.41
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	942.17	147.41
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	916.47	147.41
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	855.16	147.41
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	431.89	42.11
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	431.89	42.11
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	419.93	42.11
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	419.93	42.11
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	625.41	42.11
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	625.41	42.11

22 45 29 Hand-Held Emergency Drench Hoses *(22 45)*

22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*

22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*

22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	483.29	52.65
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	554.17	52.65

22 45 29 00-0005 Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*

22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	346.32	52.65
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	322.31	52.65
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	463.54	52.65
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	436.83	52.65
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	446.39	52.65
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	572.33	52.65
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	656.09	52.65
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	627.69	52.65

22 45 33 Combination Emergency Fixture Units *(22 45)*

22 45 33 00-0001 Emergency Shower With Eye/Face Wash *(22 45 33)*

22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*

22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	2,850.93	273.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	1,953.18	273.75
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	1,382.24	273.75
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	2,157.93	273.75
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	1,602.74	273.75
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	1,512.18	273.75
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,303.49	273.75
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	2,087.05	273.75
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	2,279.99	273.75
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	2,323.30	273.75
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	2,587.11	273.75
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	2,740.68	273.75
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	2,697.37	273.75
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	3,996.74	273.75
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	4,209.37	273.75
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	8,816.24	273.75
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,303.49	273.75
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	1,464.93	273.75
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,128.35	273.75
22 45 33 00-0023		Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*		
22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	2,960.44	228.76
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	3,021.35	228.76
22 45 33 00-0026	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	1,304.76	228.76
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	1,210.00	228.76
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	1,506.87	228.76
22 45 36		**Emergency Fixture Water-Tempering Equipment** ***(22 45)***		
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	510.85	52.65
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	743.17	52.65
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,085.73	52.65
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,278.67	52.65
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	1,806.29	52.65
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	1,904.73	52.65
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	3,192.29	52.65
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	3,834.10	52.65
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	569.91	52.65
22 45 39		**Emergency Plumbing Fixture Accessories** ***(22 45)***		
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*		
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	132.14	16.85
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	183.32	16.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	191.20	16.85
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	209.51	6.32
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	213.17	4.21
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	233.41	8.42
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	421.65	63.18
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	424.31	27.10
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	629.07	27.10
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	743.17	63.18
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,396.88	27.10
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	1,558.77	90.32
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	1,590.27	90.32
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	2,936.90	90.32
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	5,575.03	90.32

22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*

22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	696.23	63.18

22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) *(22 45 39 00-0001)*

22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	91.58	13.72

22 47 Drinking Fountains And Water Coolers *(22 40)*

22 47 13 Drinking Fountains *(22 47)*

22 47 13 00-0001 Indoor Drinking Fountains *(22 47 13)*

22 47 13 00-0002 Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,444.07	136.87
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,100.22	147.41
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,900.59	136.87
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,264.63	147.41
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	970.32	136.87
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,159.35	147.41
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,096.61	136.87
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,330.06	147.41

22 47 13 00-0011 Wall Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	999.28	147.41
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,416.17	147.41
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8BLWF)	1,937.36	147.41

22 47 13 00-0015 Semi-Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0016	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,339.99	157.93
22 47 13 00-0017	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	2,864.32	157.93

22 47 13 00-0018 Fully Recessed Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0019	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,433.27	168.46
22 47 13 00-0020	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,602.72	168.46

22 47 13 00-0021 Countertop Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0022	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	597.16	105.29
22 47 13 00-0023	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	575.14	105.29
22 47 13 00-0024	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	695.78	105.29

22 47 13 00-0025 Bowl And Bracket Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0026	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	505.57	105.29
22 47 13 00-0027	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	607.84	105.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0028		Multi-Station Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0029	EA	Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	2,703.99	168.46
22 47 13 00-0030	EA	Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	3,397.87	168.46
22 47 13 00-0031	EA	Marblyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	2,579.73	168.46
22 47 13 00-0032	EA	White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430)	2,177.38	168.46
22 47 13 00-0033	EA	White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435)	2,739.21	168.46
22 47 13 00-0034	EA	Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,390.57	214.89
22 47 13 00-0035	EA	Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441)	2,889.02	168.46
22 47 13 00-0036	EA	Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408)	2,839.84	168.46
22 47 13 00-0037		Outdoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0038		Face Mounted *(22 47 13 00-0037)*		
22 47 13 00-0039	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,252.61	168.46
22 47 13 00-0040	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,372.18	168.46
22 47 13 00-0041	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,320.26	168.46
22 47 13 00-0042	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	1,932.29	168.46
22 47 13 00-0043		Free Standing *(22 47 13 00-0037)*		
22 47 13 00-0044	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,369.07	157.93
22 47 13 00-0045	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,323.30	157.93
22 47 13 00-0046	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,365.90	157.93
22 47 13 00-0047	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,262.35	157.93
22 47 13 00-0048	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	3,516.66	168.46
22 47 13 00-0049	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	3,580.38	168.46
22 47 13 00-0050	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,336.95	157.93
22 47 13 00-0051	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,299.84	157.93
22 47 13 00-0052	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,254.08	157.93
22 47 13 00-0053	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	3,828.96	168.46
22 47 13 00-0054	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	5,369.27	168.46
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		Indoor Water Coolers *(22 47 16)*		
22 47 16 00-0002		Face Mounted Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	2,716.61	168.46
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	2,899.90	168.46
22 47 16 00-0005		Wall Mounted Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,296.66	168.46
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,343.86	168.46
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,491.76	168.46
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,548.40	168.46
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,148.77	168.46
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,329.70	168.46
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,047.29	168.46
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,754.61	252.69
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,572.25	168.46
22 47 16 00-0015		Simulated Recessed Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,545.11	168.46
22 47 16 00-0017		Fully Recessed Indoor Water Coolers *(22 47 16 00-0001)*		
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	2,996.26	189.52
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	3,658.37	189.52
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	4,280.96	189.52
22 47 16 00-0021		Free Standing Indoor Water Coolers *(22 47 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,249.04	147.41
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,341.08	147.41
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,521.22	147.41
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,691.93	147.41
22 47 16 00-0026		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	433.82	84.23
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	518.35	84.23
22 47 16 00-0029		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,001.49	252.69
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	4,588.21	252.69
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	1,901.72	252.69
22 47 16 00-0033		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0034		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,342.15	105.29
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,306.27	105.29
22 47 16 00-0037		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,214.09	157.93
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,654.63	157.93
22 47 16 00-0040		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	410.15	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	91.51	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		**Bottle Filler** *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	3,202.56	168.46
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	4,052.88	168.46
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	5,202.77	189.52
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	5,621.85	189.52
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	6,040.94	189.52
		For Stainless Steel Carrier, Add	*205.00*	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		**Remote Chillers** *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	772.94	56.85
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,174.19	63.18
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,009.59	73.70
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,298.91	84.23
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,034.52	126.34
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,205.81	136.87
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		**Water Cooler Carriers** *(22 47 26)*		
22 47 26 00-0002		**Floor Mounted, Water Cooler Carriers** *(22 47 26 00-0001)* Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	332.70	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For Bi-Level Carrier, Add	*178.79*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	360.01	32.01
		For Up To 4" Extension Sleeves And Hardware, Add	*15.09*	
		For Bi-Level Carrier, Add	*178.79*	

22 50 Pool And Fountain Plumbing Systems *(22)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

22 51 13 00-0001 Swimming Pool Gutters *(22 51 13)*

22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	229.38	18.95

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001 Swimming Pool Heaters *(22 51 19)*
Note: Excludes wiring, external piping, base or pad. Commercial pools.

22 51 19 00-0002 Electric Pool Heaters *(22 51 19 00-0001)*

22 51 19 00-0003	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	2,886.55	168.46
22 51 19 00-0004	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	3,221.81	181.09
22 51 19 00-0005	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	3,584.86	210.57
22 51 19 00-0006	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	3,810.93	252.69
22 51 19 00-0007	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	4,233.54	353.76
22 51 19 00-0008	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	4,906.48	505.37

22 51 19 00-0009 Gas Fired Pool Heaters *(22 51 19 00-0001)*

22 51 19 00-0010	EA	120 MBH Output Gas Fired Pool Heater	3,178.50	389.98
22 51 19 00-0011	EA	180 MBH Output Gas Fired Pool Heater	3,664.40	463.10
22 51 19 00-0012	EA	240 MBH Output Gas Fired Pool Heater	4,844.29	812.46
22 51 19 00-0013	EA	300 MBH Output Gas Fired Pool Heater	5,847.54	974.95
22 51 19 00-0014	EA	360 MBH Output Gas Fired Pool Heater	6,204.20	1,081.07
22 51 19 00-0015	EA	400 MBH Output Gas Fired Pool Heater	7,242.46	1,306.25
22 51 19 00-0016	EA	500 MBH Output Gas Fired Pool Heater	11,365.22	1,567.50
22 51 19 00-0017	EA	600 MBH Output Gas Fired Pool Heater	13,129.25	1,741.66
22 51 19 00-0018	EA	750 MBH Output Gas Fired Pool Heater	14,771.84	1,881.00
22 51 19 00-0019	EA	1,000 MBH Output Gas Fired Pool Heater	18,839.08	2,220.62

22 51 19 00-0020 Surge Tanks *(22 51 19)*
Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.

22 51 19 00-0021	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	11,433.80	650.37
22 51 19 00-0022	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	12,748.62	650.37
22 51 19 00-0023	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	15,394.83	814.35
22 51 19 00-0024	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	20,645.79	1,314.29

22 51 19 00-0025 Diatomite Type Filter System *(22 51 19)*

22 51 19 00-0026	EA	35,000 Gallon Filter System, Diatomite	10,452.12	2,186.67
22 51 19 00-0027	EA	45,000 Gallon Filter System, Diatomite	12,469.25	2,624.01

22 51 19 00-0028 Silver Recovery System, X-Ray Film Processing *(22 51 19)*

22 51 19 00-0029	EA	20 Gallon/Day Capacity, Silver Recovery System	1,394.42	285.95
22 51 19 00-0030	EA	40 Gallon/Day Capacity, Silver Recovery System	2,033.68	381.31

22 51 19 00-0031 Inline Water Filter *(22 51 19)*
Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.

22 51 19 00-0032	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	192.74	84.23
22 51 19 00-0033	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	334.02	126.34

22 51 19 00-0034 Ultra-Violet Pool Treatment Lights *(22 51 19)*

22 51 19 00-0035 Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*
Note: Delta ELP Amalgam Series

22 51 19 00-0036	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	8,179.35	262.72
22 51 19 00-0037	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	8,641.03	262.72
22 51 19 00-0038	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	9,036.76	262.72
22 51 19 00-0039	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	9,325.47	278.09
22 51 19 00-0040	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	9,521.58	278.09
22 51 19 00-0041	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	11,302.32	278.09
22 51 19 00-0042	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	13,405.67	491.18
22 51 19 00-0043	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	19,777.43	491.18
22 51 19 00-0044	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	21,691.70	491.18
22 51 19 00-0045	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	23,288.56	589.26
22 51 19 00-0046	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	24,993.69	589.26
22 51 19 00-0047	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	26,184.08	589.26
22 51 19 00-0048	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	27,470.98	589.26
22 51 19 00-0049	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	29,522.53	669.80
22 51 19 00-0050	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	31,774.61	669.80
22 51 19 00-0051	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	34,026.68	669.80
22 51 19 00-0052	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	36,761.34	669.80

22 51 19 00-0053 HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*
Note: Delta EL Series

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0054	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	4,133.68	262.72
22 51 19 00-0055	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	4,584.08	262.72
22 51 19 00-0056	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	5,057.66	278.09

22 51 19 00-0057 In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*
Note: Delta EM Series

22 51 19 00-0058	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	15,715.76	262.72
22 51 19 00-0059	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	15,876.61	262.72
22 51 19 00-0060	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,033.13	491.18
22 51 19 00-0061	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	21,517.96	491.18
22 51 19 00-0062	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	29,980.43	589.26
22 51 19 00-0063	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	33,833.65	669.80
22 51 19 00-0064	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	39,923.70	866.75
22 51 19 00-0065	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	44,749.56	866.75

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities *(22)*

22 63 Gas Systems For Laboratory And Healthcare Facilities *(22 60)*

22 63 13 Gas Piping For Laboratory And Healthcare Facilities *(22 63)*

22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2049 for PVC piping.

22 63 13 70 Healthcare Gas Piping *(22 63 13)*

22 63 13 70-0001 Zone Valve Assemblies *(22 63 13 70)*

22 63 13 70-0002 Single Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0003	EA	1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	280.97	66.88
22 63 13 70-0004	EA	3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	300.78	72.53
22 63 13 70-0005	EA	1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	319.98	77.16
22 63 13 70-0006	EA	1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	358.38	84.23
22 63 13 70-0007	EA	1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	406.20	89.36
22 63 13 70-0008	EA	2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	495.25	96.44

22 63 13 70-0009 Double Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0010	EA	1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	401.88	95.85
22 63 13 70-0011	EA	1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	421.70	101.50
22 63 13 70-0012	EA	1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	444.36	106.04
22 63 13 70-0013	EA	1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	488.53	113.21
22 63 13 70-0014	EA	1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	542.11	118.34
22 63 13 70-0015	EA	3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	440.37	107.14
22 63 13 70-0016	EA	3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	463.02	111.78
22 63 13 70-0017	EA	3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	508.35	118.85
22 63 13 70-0018	EA	3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	540.00	123.99
22 63 13 70-0019	EA	1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	481.06	116.32
22 63 13 70-0020	EA	1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	510.24	123.48
22 63 13 70-0021	EA	1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	560.36	128.62
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	580.94	130.56
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	603.37	135.78
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	656.95	140.91

22 63 13 70-0025 Triple Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	543.57	124.74
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	563.38	130.47
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	586.04	135.02
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	631.37	142.18
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	686.09	147.32
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	584.35	136.11
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	607.01	140.66
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	651.18	147.82
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	705.91	152.96
22 63 13 70-0035	EA	1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	629.67	145.29
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	673.84	152.46
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	728.55	157.59
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	604.17	141.76
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	626.82	146.39
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	670.99	153.46
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	725.72	158.61
22 63 13 70-0042	EA	3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	649.48	150.94
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	693.65	158.09
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	747.23	163.24
22 63 13 70-0045	EA	1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-1010110)	642.16	155.57
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	685.17	162.64
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	771.03	167.87

22 66 Chemical-Waste Systems for Laboratory and Healthcare

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste And Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	10.82	4.80
		For Schedule 80, Add	*1.87*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*1.60*	
		For Work In Restricted Working Space, Add	*2.17*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	12.99	5.39
		For Schedule 80, Add	*2.52*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.16*	
		For Work In Restricted Working Space, Add	*2.44*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	20.54	7.83
		For Schedule 80, Add	*4.56*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*3.90*	
		For Work In Restricted Working Space, Add	*3.53*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	27.75	10.20
		For Schedule 80, Add	*6.46*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.53*	
		For Work In Restricted Working Space, Add	*4.60*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	44.87	15.00
		For Schedule 80, Add	*11.65*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*9.97*	
		For Work In Restricted Working Space, Add	*6.74*	

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	41.63	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	53.80	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	71.57	27.38
		For Work In Restricted Working Space, Add	*12.32*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	102.88	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	199.51	53.48
		For Work In Restricted Working Space, Add	*24.06*	

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	41.39	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	53.15	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	72.82	27.38
		For Work In Restricted Working Space, Add	*12.32*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	90.34	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	180.07	53.48
		For Work In Restricted Working Space, Add	*24.06*	

22 66 53 00-0021 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	76.05	38.75
		For Work In Restricted Working Space, Add	*17.43*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	94.76	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	123.26	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	169.76	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	296.68	112.36
		For Work In Restricted Working Space, Add	*50.54*	

22 66 53 00-0027 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	94.73	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	120.26	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	117.59	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	162.91	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	165.49	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	277.60	112.36
		For Work In Restricted Working Space, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0034		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	84.82	38.75
		For Work In Restricted Working Space, Add	*17.43*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	96.88	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	129.76	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	172.75	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	259.68	112.36
		For Work In Restricted Working Space, Add	*50.54*	
22 66 53 00-0040		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	80.98	38.75
		For Work In Restricted Working Space, Add	*17.43*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	99.32	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	125.98	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	172.01	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	337.85	112.36
		For Work In Restricted Working Space, Add	*50.54*	
22 66 53 00-0046		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	105.35	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	122.89	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	122.89	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	169.34	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	169.34	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	302.39	112.36
		For Work In Restricted Working Space, Add	*50.54*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	304.46	112.36
		For Work In Restricted Working Space, Add	*50.54*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	278.47	112.36
		For Work In Restricted Working Space, Add	*50.54*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	100.78	48.43
		For Work In Restricted Working Space, Add	*21.79*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	125.30	61.06
		For Work In Restricted Working Space, Add	*27.47*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	167.76	66.88
		For Work In Restricted Working Space, Add	*30.08*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	232.67	87.76
		For Work In Restricted Working Space, Add	*39.48*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	411.57	140.41
		For Work In Restricted Working Space, Add	*63.17*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	74.45	38.75
		For Work In Restricted Working Space, Add	*17.43*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	97.14	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	110.79	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	152.85	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	90.03	48.85
		For Work In Restricted Working Space, Add	*21.97*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	107.93	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	109.08	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	148.59	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	149.32	70.25
		For Work In Restricted Working Space, Add	*31.59*	
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	87.90	44.98
		For Work In Restricted Working Space, Add	*20.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	116.89	59.13
		For Work In Restricted Working Space, Add	*26.60*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	175.86	80.28
		For Work In Restricted Working Space, Add	*36.10*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	246.45	102.17
		For Work In Restricted Working Space, Add	*45.94*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	40.95	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	50.20	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	58.85	27.38
		For Work In Restricted Working Space, Add	*12.32*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	79.96	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	118.57	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	39.22	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	51.51	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	61.25	27.38
		For Work In Restricted Working Space, Add	*12.32*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	82.31	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 66 53 00-0087		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings** *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	37.07	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	47.65	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	55.41	27.38
		For Work In Restricted Working Space, Add	*12.32*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	73.29	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	107.76	53.48
		For Work In Restricted Working Space, Add	*24.06*	
22 66 53 00-0093		**Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
22 66 53 00-0094		**Glass Acid Resistant DWV Pipe** *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	1-1/2" Glass Acid Resistant DWV Pipe	17.85	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 66 53 00-0096	LF	2" Glass Acid Resistant DWV Pipe	21.79	5.05
		For Work In Restricted Working Space, Add	*3.03*	
22 66 53 00-0097	LF	3" Glass Acid Resistant DWV Pipe	30.25	7.08
		For Work In Restricted Working Space, Add	*4.26*	
22 66 53 00-0098	LF	4" Glass Acid Resistant DWV Pipe	47.57	9.18
		For Work In Restricted Working Space, Add	*5.52*	
22 66 53 00-0099	LF	6" Glass Acid Resistant DWV Pipe	77.40	12.55
		For Work In Restricted Working Space, Add	*7.52*	
22 66 53 00-0100		**Glass Acid Resistant DWV 90 Or 60 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0101	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	59.45	20.63
		For Work In Restricted Working Space, Add	*12.36*	
22 66 53 00-0102	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	66.76	21.90
		For Work In Restricted Working Space, Add	*13.11*	
22 66 53 00-0103	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	87.66	24.85
		For Work In Restricted Working Space, Add	*14.91*	
22 66 53 00-0104	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	126.31	32.85
		For Work In Restricted Working Space, Add	*19.71*	
22 66 53 00-0105	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	275.69	45.48
		For Work In Restricted Working Space, Add	*27.29*	
22 66 53 00-0106		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0107	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	59.63	20.72
		For Work In Restricted Working Space, Add	*12.41*	
22 66 53 00-0108	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	66.42	21.65
		For Work In Restricted Working Space, Add	*13.01*	
22 66 53 00-0109	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	87.49	24.76
		For Work In Restricted Working Space, Add	*14.86*	
22 66 53 00-0110	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	126.31	32.85
		For Work In Restricted Working Space, Add	*19.71*	
22 66 53 00-0111	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	275.68	45.48
		For Work In Restricted Working Space, Add	*27.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0112		**Glass Acid Resistant DWV 90 Or 60 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0113	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	60.13	20.72
		For Work In Restricted Working Space, Add	*12.41*	
22 66 53 00-0114	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	67.01	21.65
		For Work In Restricted Working Space, Add	*13.01*	
22 66 53 00-0115	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	88.54	24.76
		For Work In Restricted Working Space, Add	*14.86*	
22 66 53 00-0116	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	126.31	32.85
		For Work In Restricted Working Space, Add	*19.71*	
22 66 53 00-0117		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0118	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	60.13	20.72
		For Work In Restricted Working Space, Add	*12.41*	
22 66 53 00-0119	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	67.01	21.65
		For Work In Restricted Working Space, Add	*13.01*	
22 66 53 00-0120	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	88.54	24.76
		For Work In Restricted Working Space, Add	*14.86*	
22 66 53 00-0121	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	126.31	32.85
		For Work In Restricted Working Space, Add	*19.71*	
22 66 53 00-0122		**Glass Acid Resistant DWV 90 Degree Bends With Long Leg** *(22 66 53 00-0093)*		
22 66 53 00-0123	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	67.24	20.72
		For Work In Restricted Working Space, Add	*12.41*	
22 66 53 00-0124	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	77.24	21.65
		For Work In Restricted Working Space, Add	*13.01*	
22 66 53 00-0125		**Glass Acid Resistant DWV Double Quarter Bends** *(22 66 53 00-0093)*		
22 66 53 00-0126	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	94.66	31.00
		For Work In Restricted Working Space, Add	*18.61*	
22 66 53 00-0127	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	113.57	32.10
		For Work In Restricted Working Space, Add	*19.25*	
22 66 53 00-0128	EA	2" Glass Acid Resistant DWV Double Quarter Bend	107.87	32.51
		For Work In Restricted Working Space, Add	*19.52*	
22 66 53 00-0129	EA	3" Glass Acid Resistant DWV Double Quarter Bend	140.66	37.15
		For Work In Restricted Working Space, Add	*22.29*	
22 66 53 00-0130	EA	4" Glass Acid Resistant DWV Double Quarter Bend	222.59	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0131	EA	6" Glass Acid Resistant DWV Double Quarter Bend	335.61	68.23
		For Work In Restricted Working Space, Add	*40.94*	
22 66 53 00-0132		**Glass Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0133	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	91.76	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0134	EA	2" Glass Acid Resistant DWV Sanitary Tee	94.29	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0135	EA	3" Glass Acid Resistant DWV Sanitary Tee	118.03	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0136	EA	4" Glass Acid Resistant DWV Sanitary Tee	177.31	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0137	EA	6" Glass Acid Resistant DWV Sanitary Tee	347.47	68.23
		For Work In Restricted Working Space, Add	*40.94*	
22 66 53 00-0138		**Glass Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0139	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	93.44	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0140	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	108.72	34.95
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0141	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	114.45	35.80
		For Work In Restricted Working Space, Add	*21.48*	
22 66 53 00-0142	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	145.47	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0143	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	151.15	43.80
		For Work In Restricted Working Space, Add	*26.28*	
22 66 53 00-0144	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	158.02	45.06
		For Work In Restricted Working Space, Add	*27.04*	
22 66 53 00-0145	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	260.98	56.43
		For Work In Restricted Working Space, Add	*33.86*	
22 66 53 00-0146	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	278.97	57.70
		For Work In Restricted Working Space, Add	*34.62*	
22 66 53 00-0147	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	288.23	61.91
		For Work In Restricted Working Space, Add	*37.14*	
22 66 53 00-0148		**Glass Acid Resistant DWV Double Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0149	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	127.70	41.27
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0150	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	131.89	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0151	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	165.74	49.70
		For Work In Restricted Working Space, Add	*29.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0152	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	258.53	65.70
		For Work In Restricted Working Space, Add	*39.41*	
22 66 53 00-0153	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	441.26	90.96
		For Work In Restricted Working Space, Add	*54.59*	

22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0155	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	130.20	42.53
		For Work In Restricted Working Space, Add	*25.52*	
22 66 53 00-0156	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	147.58	45.48
		For Work In Restricted Working Space, Add	*27.29*	
22 66 53 00-0157	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	154.61	46.33
		For Work In Restricted Working Space, Add	*27.80*	
22 66 53 00-0158	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	214.38	53.48
		For Work In Restricted Working Space, Add	*32.09*	
22 66 53 00-0159	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	213.70	54.75
		For Work In Restricted Working Space, Add	*32.85*	
22 66 53 00-0160	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	228.55	57.70
		For Work In Restricted Working Space, Add	*34.62*	
22 66 53 00-0161	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	296.01	67.38
		For Work In Restricted Working Space, Add	*40.42*	
22 66 53 00-0162	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	319.64	70.33
		For Work In Restricted Working Space, Add	*42.19*	
22 66 53 00-0163	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	361.01	78.33
		For Work In Restricted Working Space, Add	*46.99*	

22 66 53 00-0164 Glass Acid Resistant DWV Tees *(22 66 53 00-0093)*

22 66 53 00-0165	EA	1-1/2" Glass Acid Resistant DWV Tee	98.76	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0166	EA	2" Glass Acid Resistant DWV Tee	101.28	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0167	EA	3" Glass Acid Resistant DWV Tee	126.70	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0168	EA	4" Glass Acid Resistant DWV Tee	190.91	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0169	EA	6" Glass Acid Resistant DWV Tee	363.79	68.23
		For Work In Restricted Working Space, Add	*40.94*	

22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees *(22 66 53 00-0093)*

22 66 53 00-0171	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	100.42	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0172	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	116.00	34.95
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0173	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	118.74	35.80
		For Work In Restricted Working Space, Add	*21.48*	
22 66 53 00-0174	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	147.08	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0175	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	150.39	43.80
		For Work In Restricted Working Space, Add	*26.28*	
22 66 53 00-0176	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	174.39	45.06
		For Work In Restricted Working Space, Add	*27.04*	
22 66 53 00-0177	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	308.88	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0178	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	323.23	61.91
		For Work In Restricted Working Space, Add	*37.14*	

22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout *(22 66 53 00-0093)*

22 66 53 00-0180	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	110.73	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0181	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	121.58	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0182	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	152.29	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0183	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	249.23	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0184	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	363.79	68.23
		For Work In Restricted Working Space, Add	*40.94*	

22 66 53 00-0185 Glass Acid Resistant DWV Wyes *(22 66 53 00-0093)*

22 66 53 00-0186	EA	1-1/2" Glass Acid Resistant DWV Wye	93.27	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0187	EA	2" Glass Acid Resistant DWV Wye	95.79	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0188	EA	3" Glass Acid Resistant DWV Wye	124.00	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0189	EA	4" Glass Acid Resistant DWV Wye	183.98	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0190	EA	6" Glass Acid Resistant DWV Wye	342.89	68.23
		For Work In Restricted Working Space, Add	*40.94*	

22 66 53 00-0191 Glass Acid Resistant DWV Reducing Wyes *(22 66 53 00-0093)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0192	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	94.93	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0193	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	111.81	34.95
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0194	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	114.80	35.80
		For Work In Restricted Working Space, Add	*21.48*	
22 66 53 00-0195	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	151.47	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0196	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	152.89	43.80
		For Work In Restricted Working Space, Add	*26.28*	
22 66 53 00-0197	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	163.92	45.06
		For Work In Restricted Working Space, Add	*27.04*	
22 66 53 00-0198	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	254.46	56.43
		For Work In Restricted Working Space, Add	*33.85*	
22 66 53 00-0199	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	288.13	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0200	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	312.45	61.91
		For Work In Restricted Working Space, Add	*37.14*	

22 66 53 00-0201 Glass Acid Resistant DWV Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0202	EA	1-1/2" Glass Acid Resistant DWV Double Wye	142.76	41.27
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0203	EA	2" Glass Acid Resistant DWV Double Wye	146.98	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0204	EA	3" Glass Acid Resistant DWV Double Wye	189.12	49.70
		For Work In Restricted Working Space, Add	*29.81*	
22 66 53 00-0205	EA	4" Glass Acid Resistant DWV Double Wye	282.41	65.70
		For Work In Restricted Working Space, Add	*39.41*	
22 66 53 00-0206	EA	6" Glass Acid Resistant DWV Double Wye	454.19	90.96
		For Work In Restricted Working Space, Add	*54.60*	

22 66 53 00-0207 Glass Acid Resistant DWV Reducing Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0208	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	145.26	42.53
		For Work In Restricted Working Space, Add	*25.52*	
22 66 53 00-0209	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	151.17	45.48
		For Work In Restricted Working Space, Add	*27.29*	
22 66 53 00-0210	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	169.21	46.33
		For Work In Restricted Working Space, Add	*27.79*	
22 66 53 00-0211	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	205.02	53.48
		For Work In Restricted Working Space, Add	*32.10*	
22 66 53 00-0212	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	214.90	54.75
		For Work In Restricted Working Space, Add	*32.85*	
22 66 53 00-0213	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	246.82	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0214	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	362.41	67.38
		For Work In Restricted Working Space, Add	*40.42*	
22 66 53 00-0215	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	380.05	70.33
		For Work In Restricted Working Space, Add	*42.20*	
22 66 53 00-0216	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	409.09	78.33
		For Work In Restricted Working Space, Add	*47.00*	

22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0218	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	101.17	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0219	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	104.02	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0220	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	128.89	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0221	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	186.53	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0222	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	335.76	68.23
		For Work In Restricted Working Space, Add	*40.94*	

22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0224	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	103.16	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0225	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	113.06	34.95
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0226	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	119.79	35.80
		For Work In Restricted Working Space, Add	*21.48*	
22 66 53 00-0227	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	148.48	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0228	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	153.54	43.80
		For Work In Restricted Working Space, Add	*26.28*	
22 66 53 00-0229	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	164.67	45.06
		For Work In Restricted Working Space, Add	*27.04*	
22 66 53 00-0230	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	254.91	56.43
		For Work In Restricted Working Space, Add	*33.85*	
22 66 53 00-0231	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	283.79	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0232	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	292.50	61.91
		For Work In Restricted Working Space, Add	*37.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0233		**Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0234	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	135.28	41.27
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0235	EA	2" Double Glass Combination Wye And 1/8 Bend	153.27	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0236	EA	3" Double Glass Combination Wye And 1/8 Bend	198.60	49.70
		For Work In Restricted Working Space, Add	*29.81*	
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend	304.46	65.70
		For Work In Restricted Working Space, Add	*39.41*	
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend	489.38	90.96
		For Work In Restricted Working Space, Add	*54.60*	
22 66 53 00-0239		**Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	138.92	42.53
		For Work In Restricted Working Space, Add	*25.52*	
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	168.83	45.48
		For Work In Restricted Working Space, Add	*27.29*	
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	167.62	46.33
		For Work In Restricted Working Space, Add	*27.79*	
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	217.29	53.48
		For Work In Restricted Working Space, Add	*32.10*	
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	216.85	54.75
		For Work In Restricted Working Space, Add	*32.85*	
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	239.89	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	330.27	67.38
		For Work In Restricted Working Space, Add	*40.42*	
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	350.62	70.33
		For Work In Restricted Working Space, Add	*42.20*	
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	405.60	78.33
		For Work In Restricted Working Space, Add	*47.00*	
22 66 53 00-0249		**Glass Acid Resistant DWV Partition Crosses (Compact)** *(22 66 53 00-0093)*		
22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	148.90	42.53
		For Work In Restricted Working Space, Add	*25.52*	
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Cross (Compact)	150.62	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	157.36	42.11
		For Work In Restricted Working Space, Add	*25.27*	
22 66 53 00-0253		**Glass Acid Resistant DWV Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	136.87	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	149.11	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	171.34	37.06
		For Work In Restricted Working Space, Add	*22.24*	
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	246.88	49.28
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	442.11	68.23
		For Work In Restricted Working Space, Add	*40.94*	
22 66 53 00-0259		**Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	138.23	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	156.41	34.95
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	165.33	35.80
		For Work In Restricted Working Space, Add	*21.48*	
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	193.37	43.38
		For Work In Restricted Working Space, Add	*26.03*	
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	202.82	43.80
		For Work In Restricted Working Space, Add	*26.28*	
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	220.14	45.06
		For Work In Restricted Working Space, Add	*27.04*	
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	310.93	57.70
		For Work In Restricted Working Space, Add	*34.61*	
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	350.86	61.91
		For Work In Restricted Working Space, Add	*37.14*	
22 66 53 00-0268		**Glass Acid Resistant DWV Reducers Or Increasers** *(22 66 53 00-0093)*		
22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	58.07	21.06
		For Eccentric Reducers Or Increasers, Add	*1.28*	
		For Work In Restricted Working Space, Add	*12.63*	
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	69.18	22.75
		For Eccentric Reducers Or Increasers, Add	*1.90*	
		For Work In Restricted Working Space, Add	*13.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	72.87	23.16
		For Eccentric Reducers Or Increasers, Add	*2.12*	
		For Work In Restricted Working Space, Add	*13.90*	
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	90.97	26.95
		For Eccentric Reducers Or Increasers, Add	*2.96*	
		For Work In Restricted Working Space, Add	*16.17*	
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	94.11	27.38
		For Eccentric Reducers Or Increasers, Add	*3.15*	
		For Work In Restricted Working Space, Add	*16.43*	
22 66 53 00-0274	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	99.83	28.63
		For Eccentric Reducers Or Increasers, Add	*3.40*	
		For Work In Restricted Working Space, Add	*17.18*	
22 66 53 00-0275	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	174.29	33.27
		For Eccentric Reducers Or Increasers, Add	*8.62*	
		For Work In Restricted Working Space, Add	*19.96*	
22 66 53 00-0276	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	181.96	33.70
		For Eccentric Reducers Or Increasers, Add	*9.17*	
		For Work In Restricted Working Space, Add	*20.21*	
22 66 53 00-0277	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	192.33	34.95
		For Eccentric Reducers Or Increasers, Add	*9.79*	
		For Work In Restricted Working Space, Add	*20.97*	
22 66 53 00-0278	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	204.29	39.17
		For Eccentric Reducers Or Increasers, Add	*10.08*	
		For Work In Restricted Working Space, Add	*23.50*	

22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps *(22 66 53 00-0093)*

22 66 53 00-0280	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	118.50	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0281	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	125.52	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0282	EA	2" Glass Acid Resistant DWV Swivel P-Trap	137.59	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0283	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	125.78	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0284	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	134.80	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0285	EA	2" Glass Acid Resistant DWV Swivel P-Trap	148.07	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0286	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	127.78	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0287	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	134.80	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0288	EA	2" Glass Acid Resistant DWV Swivel P-Trap	148.07	32.43
		For Work In Restricted Working Space, Add	*19.46*	

22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps *(22 66 53 00-0093)*

22 66 53 00-0290	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	150.43	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0291	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	182.23	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0292	EA	2" Glass Acid Resistant DWV Drum P-Trap	187.08	32.43
		For Work In Restricted Working Space, Add	*19.46*	
22 66 53 00-0293	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	162.55	31.16
		For Work In Restricted Working Space, Add	*18.70*	
22 66 53 00-0294	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	171.31	32.01
		For Work In Restricted Working Space, Add	*19.20*	
22 66 53 00-0295	EA	2" Glass Acid Resistant DWV Drum P-Trap	189.42	32.43
		For Work In Restricted Working Space, Add	*19.46*	

22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs *(22 66 53 00-0093)*

22 66 53 00-0297	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	28.49	10.53
		For Work In Restricted Working Space, Add	*6.32*	
22 66 53 00-0298	EA	2" Glass Acid Resistant DWV Cleanout Plug	31.28	10.95
		For Work In Restricted Working Space, Add	*6.57*	
22 66 53 00-0299	EA	3" Glass Acid Resistant DWV Cleanout Plug	37.85	12.21
		For Work In Restricted Working Space, Add	*7.33*	
22 66 53 00-0300	EA	4" Glass Acid Resistant DWV Cleanout Plug	56.99	16.43
		For Work In Restricted Working Space, Add	*9.86*	
22 66 53 00-0301	EA	6" Glass Acid Resistant DWV Cleanout Plug	80.75	22.75
		For Work In Restricted Working Space, Add	*13.64*	

22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings *(22 66 53 00-0093)*

22 66 53 00-0303	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	295.60	41.27
		For Work In Restricted Working Space, Add	*24.77*	
22 66 53 00-0304	EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	34.88	10.53
		For Work In Restricted Working Space, Add	*6.32*	
22 66 53 00-0305	EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	37.52	10.53
		For Work In Restricted Working Space, Add	*6.32*	
22 66 53 00-0306	EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	58.47	21.06
		For Work In Restricted Working Space, Add	*12.63*	
22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	98.42	21.90
		For Work In Restricted Working Space, Add	*13.14*	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	99.42	21.90
		For Work In Restricted Working Space, Add	*13.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	109.40	21.90
		For Work In Restricted Working Space, Add	*13.14*	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	93.04	21.90
		For Work In Restricted Working Space, Add	*13.14*	

22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 66 53 00-0093)*

Note: Includes teflon spacer.

22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	99.16	31.08
		For Work In Restricted Working Space, Add	*18.65*	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	103.65	32.60
		For Work In Restricted Working Space, Add	*19.56*	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	135.67	37.15
		For Work In Restricted Working Space, Add	*22.29*	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	189.97	49.36
		For Work In Restricted Working Space, Add	*29.59*	

22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	12.52
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	15.80
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	21.12
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	35.58
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	82.89

22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.

22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	16.15
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	20.20
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	34.30
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	51.13
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	124.67

22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

Note: Acid resistant. ASTM A518.

22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0328)*

22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	63.92	7.50
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	89.48	9.35
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	120.97	10.78
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	197.53	15.14
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	345.87	20.23
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	607.55	25.52
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,078.90	34.37
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,912.92	39.41

22 66 53 00-0338 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0328)*

22 66 53 00-0339 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0338)*

22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	269.12	63.85
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	346.47	70.25
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	550.65	84.06
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	809.75	100.03
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,832.96	162.57

22 66 53 00-0345 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0338)*

22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	167.47	63.85
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	212.93	70.25
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	265.62	84.06
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	652.28	100.03
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,453.65	162.57
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,190.04	202.55
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,194.64	243.58

22 66 53 00-0353 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0338)*

22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	167.47	63.85
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	212.93	70.25
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	265.62	84.06
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	488.83	100.03
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,242.36	162.57
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,801.65	202.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,537.17	243.58
22 66 53 00-0361		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	167.47	63.85
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	212.93	70.25
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	265.42	83.98
22 66 53 00-0365		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	219.29	63.85
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	370.39	70.25
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	417.11	84.06
22 66 53 00-0369		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	238.93	95.51
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	294.29	105.88
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	400.85	126.43
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	643.97	150.33
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,882.80	244.06
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	2,656.41	304.75
22 66 53 00-0376		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	225.00	91.56
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	259.02	98.30
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	286.10	101.75
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	325.93	112.36
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	347.24	115.90
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	378.21	119.36
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	464.45	130.09
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	511.02	133.43
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	568.05	139.57
22 66 53 00-0386		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0338)*		
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	266.78	95.51
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	317.79	105.63
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	426.74	126.43
22 66 53 00-0390		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0338)*		
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	252.88	91.56
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	310.72	102.26
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	371.65	116.24
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	396.67	119.69
22 66 53 00-0395		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	237.10	95.68
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	316.22	105.88
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	400.70	126.34
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	647.09	149.77
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	2,332.90	243.82
22 66 53 00-0401		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	240.92	91.56
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	258.98	98.30
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	273.03	102.34
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	304.00	112.36
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	315.55	116.06
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	370.76	119.69
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	486.31	130.24
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	568.82	133.43
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	593.96	139.57
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,393.21	196.70
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,500.61	203.20
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,821.10	213.59
22 66 53 00-0414		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	274.70	95.51
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	323.77	105.63
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	466.60	126.43
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	699.19	149.93

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0419		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0338)*		
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	232.95	91.56
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	266.96	98.30
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	292.78	102.26
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	317.95	112.36
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	361.69	116.24
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	404.60	119.61
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	512.16	130.24
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	626.69	133.51
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	683.99	139.81
22 66 53 00-0429		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers *(22 66 53 00-0338)*		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	145.95	60.14
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	158.96	63.51
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	175.98	66.88
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	268.65	74.13
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	281.69	77.58
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	304.55	83.46
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	387.85	89.84
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	559.50	121.95
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	596.93	132.27
22 66 53 00-0439		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers *(22 66 53 00-0338)*		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	381.99	140.41
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	485.64	140.41
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	494.94	140.41
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	568.00	186.12
22 66 53 00-0444		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps *(22 66 53 00-0338)*		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	386.72	63.85
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	464.08	70.25
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	564.61	84.06
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,603.06	100.03
22 66 53 00-0449		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs *(22 66 53 00-0338)*		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	205.34	63.85
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	254.78	70.25
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	345.35	84.06
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	440.66	100.03
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	835.17	139.57
22 66 53 00-0455		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0328)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	1.55	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	36.54	
22 66 53 00-0458		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0459		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0458)*		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	50.58	5.65
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	57.50	6.23
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	79.01	7.83
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	99.30	9.10
22 66 53 00-0464		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0458)*		
22 66 53 00-0465		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0464)*		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	196.64	44.73
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	213.34	50.53
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	286.87	55.76
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	346.25	67.38
22 66 53 00-0470		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0464)*		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	118.90	44.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	140.80	50.03
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	177.53	55.93
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	229.88	66.88
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	136.63	47.25
22 66 53 00-0476		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0464)*		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	118.90	44.73
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	140.80	50.03
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	177.53	55.93
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	229.88	66.88
22 66 53 00-0481		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 66 53 00-0464)*		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	136.84	44.73
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	168.70	50.03
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	251.28	55.93
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	283.70	66.88
22 66 53 00-0486		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0464)*		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	132.86	44.73
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	156.74	50.03
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	233.34	55.93
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	265.76	66.88
22 66 53 00-0491		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends *(22 66 53 00-0464)*		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	200.57	67.30
22 66 53 00-0493		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees *(22 66 53 00-0464)*		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	168.68	67.30
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	205.34	75.81
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	264.19	84.48
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	388.81	101.16
22 66 53 00-0498		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees *(22 66 53 00-0464)*		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	193.10	72.94
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	231.53	78.67
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	245.65	81.45
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	264.25	89.88
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	288.05	92.40
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	310.20	95.18
22 66 53 00-0505		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes *(22 66 53 00-0464)*		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	169.01	67.55
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	197.37	75.81
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	256.22	84.48
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	388.81	101.16
22 66 53 00-0510		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes *(22 66 53 00-0464)*		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	187.68	73.36
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	225.53	78.58
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	236.07	81.70
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	264.67	90.13
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	288.81	92.91
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	304.56	95.43
22 66 53 00-0517		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes *(22 66 53 00-0464)*		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	248.50	89.96
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	311.19	101.24
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	391.16	112.03
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	504.91	134.68
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	272.43	95.26
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	302.76	100.91
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	355.02	106.46
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	392.01	117.92
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	464.77	123.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0527		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0464)*		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	272.34	89.96
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	318.96	101.08
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	443.94	112.61
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	610.77	134.86
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	292.31	95.26
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	372.49	100.91
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	392.83	106.46
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	421.87	117.84
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	525.91	123.39
22 66 53 00-0537		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	184.29	67.05
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	213.31	75.81
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	256.22	84.48
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	410.73	101.16
22 66 53 00-0542		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	203.12	73.03
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	225.86	78.84
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	244.04	81.70
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	322.48	90.13
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	330.67	92.91
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	366.35	95.43
22 66 53 00-0549		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	286.12	89.79
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	354.77	100.99
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	497.16	112.28
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	597.23	135.11
22 66 53 00-0554		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	310.25	95.26
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	366.49	100.83
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	382.86	106.46
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	425.86	117.84
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	525.91	123.39
22 66 53 00-0560		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0464)*		
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	137.34	47.76
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	153.51	50.53
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	180.09	58.96
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	207.56	56.01
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	219.73	58.80
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	231.90	61.58
22 66 53 00-0567		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0464)*		
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	124.74	39.33
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	144.43	44.48
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	169.14	50.37
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	295.27	61.32
22 66 53 00-0572		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0464)*		
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	57.47	22.40
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	67.41	25.02
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	73.82	27.96
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	94.01	33.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0577		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0464)*		
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	216.18	44.48
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	224.51	50.03
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	275.20	55.93
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	349.48	66.88
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	294.91	47.85
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	401.01	53.40
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	483.03	58.96
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	599.61	70.25
22 66 53 00-0586		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0464)*		
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	389.05	50.79
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	604.47	56.18
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	404.70	50.53
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	604.47	56.18
22 66 53 00-0591		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0464)*		
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	362.84	50.53
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	425.08	56.18
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	416.66	50.53
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	893.49	56.18
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	540.69	56.18
22 66 53 00-0597		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0464)*		
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	161.06	44.98
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	207.36	50.53
22 66 53 00-0600		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0464)*		
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	86.41	33.70
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	148.43	36.55
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	115.00	42.11
22 66 53 00-0604		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0464)*		
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	155.62	47.93
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	169.45	50.53
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	187.61	53.32
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	201.80	58.80
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	187.65	53.40
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	197.81	56.18
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	213.96	61.58
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	237.93	58.96
22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	292.66	70.25
22 66 53 00-0614		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	47.84	
22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	55.81	
22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	59.80	
22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	65.78	
22 66 53 00-0619		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	362.59	22.48
22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	138.44	11.20
22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	254.05	11.20
22 66 53 00-0623		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0464)*		
22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	1,312.59	112.36
22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	1,612.01	118.01
22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	1,057.32	11.20

22 66 83 Chemical-Waste Tanks *(22 66)*

22 66 83 16 Chemical-Waste Neutralization Tanks *(22 66 83)*

22 66 83 16-0001 Acid Neutralization Tank *(22 66 83 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 83 16-0002		Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	365.94	171.58
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	634.63	237.92
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	807.34	343.15
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,042.91	457.53
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,324.20	549.04
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	1,785.00	686.29
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	2,086.93	857.87
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	2,675.79	1,029.44
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	3,064.61	1,235.33
22 66 83 16-0012		Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	557.99	171.58
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	938.71	237.92
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	1,511.40	343.15
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	1,993.52	457.53
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	2,511.55	549.04
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	2,820.69	686.29
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	3,118.05	857.87
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	4,476.25	1,029.44
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	4,889.08	1,235.33
22 66 83 16-0022		Chemical Dilution Trap *(22 66 83 16)*		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	305.19	57.19
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	313.88	57.19
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	322.56	57.19
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	356.93	68.63

22 67 Processed Water Systems For Laboratory And Healthcare Facilities *(22 60)*

22 67 13 Processed Water Piping For Laboratory And Healthcare Facilities *(22 67)*

22 67 13 53 Laboratory Water Piping *(22 67 13)*

22 67 13 53-0001		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
22 67 13 53-0002		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe *(22 67 13 53-0001)*		
22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	4.74	2.45
		For Work In Restricted Working Space, Add	*1.08*	
22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	5.94	3.03
		For Work In Restricted Working Space, Add	*1.36*	
22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	6.87	3.20
		For Work In Restricted Working Space, Add	*1.44*	
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	9.05	3.53
		For Work In Restricted Working Space, Add	*1.58*	
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	11.57	4.21
		For Work In Restricted Working Space, Add	*1.89*	
22 67 13 53-0008		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0001)*		
22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	17.84	9.01
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	23.06	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	28.21	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	44.92	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	56.45	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 67 13 53-0014		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0001)*		
22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	17.84	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	23.06	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	28.21	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	45.02	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	56.45	30.41
		For Work In Restricted Working Space, Add	*13.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0020		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees** *(22 67 13 53-0001)*		
22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	27.40	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	32.92	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	42.45	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	66.41	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	83.70	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 67 13 53-0026		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees** *(22 67 13 53-0001)*		
22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	41.81	16.85
		For Work In Restricted Working Space, Add	*7.58*	
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	49.01	19.63
		For Work In Restricted Working Space, Add	*8.84*	
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	52.35	21.31
		For Work In Restricted Working Space, Add	*9.60*	
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	69.97	30.32
		For Work In Restricted Working Space, Add	*13.65*	
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	89.03	40.43
		For Work In Restricted Working Space, Add	*18.20*	
22 67 13 53-0032		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts** *(22 67 13 53-0001)*		
22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	22.26	10.70
		For Work In Restricted Working Space, Add	*4.80*	
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	26.11	12.38
		For Work In Restricted Working Space, Add	*5.56*	
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	29.68	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	37.68	16.85
		For Work In Restricted Working Space, Add	*7.58*	
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	40.79	18.53
		For Work In Restricted Working Space, Add	*8.34*	
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	42.81	19.63
		For Work In Restricted Working Space, Add	*8.84*	
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	61.95	27.55
		For Work In Restricted Working Space, Add	*12.38*	
22 67 13 53-0040		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	19.05	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	24.73	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0043	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	30.04	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0044	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	46.18	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0045	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	59.51	30.32
		For Work In Restricted Working Space, Add	*13.65*	
22 67 13 53-0046		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters** *(22 67 13 53-0001)*		
22 67 13 53-0047	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	19.05	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0048	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	24.73	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0049	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	30.04	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0050	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	46.18	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0051	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter	59.32	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 67 13 53-0052		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings** *(22 67 13 53-0001)*		
22 67 13 53-0053	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	16.23	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0054	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	21.74	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0055	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	27.17	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0056	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	43.08	23.92
		For Work In Restricted Working Space, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0057	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling	55.64	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 67 13 53-0058		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions** *(22 67 13 53-0001)*		
22 67 13 53-0059	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	40.56	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0060	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	46.42	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0061	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	57.33	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0062	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	93.30	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0063	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union	123.23	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 67 13 53-0064		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps** *(22 67 13 53-0001)*		
22 67 13 53-0065	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	17.43	9.21
		For Work In Restricted Working Space, Add	*4.13*	
22 67 13 53-0066	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	22.37	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0067	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	27.17	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0068	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	43.19	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0069	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap	55.64	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 67 13 53-0070		**Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges** *(22 67 13 53-0001)*		
22 67 13 53-0071	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	29.35	15.16
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0072	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	34.93	17.95
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0073	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	44.90	24.18
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0074	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	68.01	36.55
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0075	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange	83.24	44.98
		For Work In Restricted Working Space, Add	*20.21*	
22 67 13 53-0076		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings** *(22 67 13 53)*		
22 67 13 53-0077		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe** *(22 67 13 53-0076)*		
22 67 13 53-0078	LF	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	6.55	2.45
		For Work In Restricted Working Space, Add	*1.08*	
22 67 13 53-0079	LF	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	8.32	3.03
		For Work In Restricted Working Space, Add	*1.36*	
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	10.14	3.20
		For Work In Restricted Working Space, Add	*1.44*	
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	12.32	3.53
		For Work In Restricted Working Space, Add	*1.58*	
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	16.32	4.21
		For Work In Restricted Working Space, Add	*1.89*	
22 67 13 53-0083		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows** *(22 67 13 53-0076)*		
22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	23.39	9.01
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	30.43	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	37.85	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	56.70	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	73.80	30.41
		For Work In Restricted Working Space, Add	*13.66*	
22 67 13 53-0089		**Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows** *(22 67 13 53-0076)*		
22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	23.28	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	30.49	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	37.91	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	57.50	23.92
		For Work In Restricted Working Space, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	73.80	30.41
		For Work In Restricted Working Space, Add	*13.66*	

22 67 13 53-0095 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees *(22 67 13 53-0076)*

22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	34.14	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	40.96	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	52.08	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	78.73	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	99.75	44.98
		For Work In Restricted Working Space, Add	*20.21*	

22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees *(22 67 13 53-0076)*

22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	39.62	16.85
		For Work In Restricted Working Space, Add	*7.58*	
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	47.94	19.63
		For Work In Restricted Working Space, Add	*8.84*	
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	50.48	21.31
		For Work In Restricted Working Space, Add	*9.60*	
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	72.05	30.32
		For Work In Restricted Working Space, Add	*13.65*	
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	93.99	40.43
		For Work In Restricted Working Space, Add	*18.20*	

22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts *(22 67 13 53-0076)*

22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	27.11	10.70
		For Work In Restricted Working Space, Add	*4.80*	
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	30.96	12.38
		For Work In Restricted Working Space, Add	*5.56*	
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	33.49	14.07
		For Work In Restricted Working Space, Add	*6.32*	
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	42.48	16.85
		For Work In Restricted Working Space, Add	*7.58*	
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	45.01	18.53
		For Work In Restricted Working Space, Add	*8.34*	
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	46.69	19.63
		For Work In Restricted Working Space, Add	*8.84*	
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	65.21	27.55
		For Work In Restricted Working Space, Add	*12.38*	

22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	23.39	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0117	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	30.09	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0118	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	36.08	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0119	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	52.37	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0120	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	71.25	30.32
		For Work In Restricted Working Space, Add	*13.65*	

22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0122	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	23.39	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0123	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	30.09	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0124	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	36.08	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0125	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	52.37	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0126	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	71.29	30.41
		For Work In Restricted Working Space, Add	*13.66*	

22 67 13 53-0127 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings *(22 67 13 53-0076)*

22 67 13 53-0128	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	22.42	9.10
		For Work In Restricted Working Space, Add	*4.08*	
22 67 13 53-0129	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	28.95	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0130	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	34.83	15.00
		For Work In Restricted Working Space, Add	*6.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	52.14	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	66.85	30.41
		For Work In Restricted Working Space, Add	*13.66*	

22 67 13 53-0133 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions

(22 67 13 53-0076)

22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	61.79	
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	72.20	18.11
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	89.07	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	143.82	36.22
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	185.36	44.98
		For Work In Restricted Working Space, Add	*20.21*	

22 67 13 53-0139 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps *(22 67 13 53-0076)*

22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	22.58	9.21
		For Work In Restricted Working Space, Add	*4.13*	
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	28.95	12.05
		For Work In Restricted Working Space, Add	*5.44*	
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	34.77	15.00
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	52.25	23.92
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	66.85	30.41
		For Work In Restricted Working Space, Add	*13.66*	

22 67 13 53-0145 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0076)*

22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	41.38	15.16
		For Work In Restricted Working Space, Add	*6.74*	
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	48.37	17.95
		For Work In Restricted Working Space, Add	*8.15*	
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	60.12	24.18
		For Work In Restricted Working Space, Add	*10.75*	
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	88.08	36.55
		For Work In Restricted Working Space, Add	*16.30*	
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	109.56	44.98
		For Work In Restricted Working Space, Add	*20.21*	

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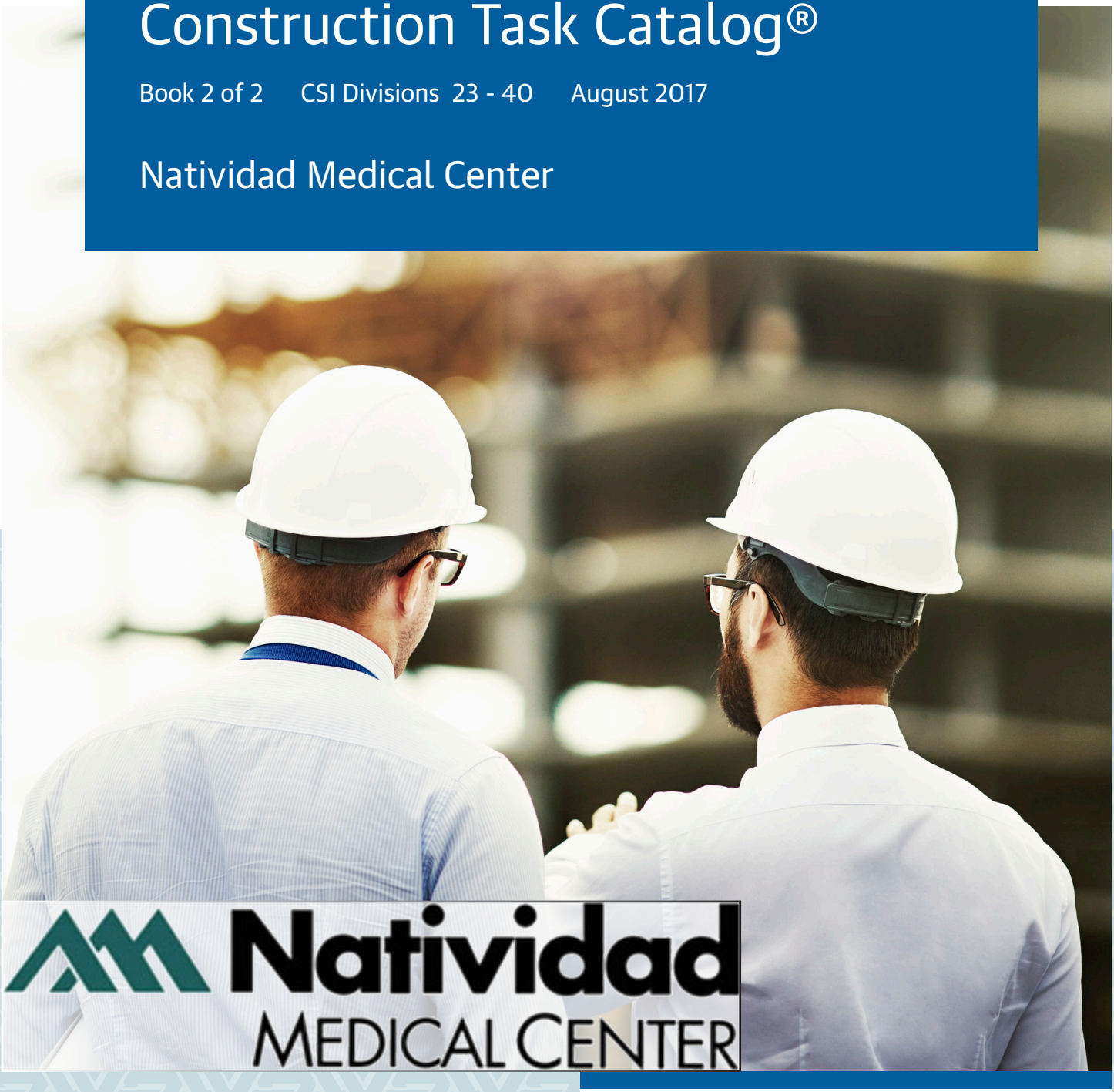

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in August 2017.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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

CSI Building Knowledge Improving Project Delivery

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The Unit Prices Include:

Labor Costs:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

Equipment Costs:

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

Material Costs:

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

The Adjustment Factors Include:

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

Business Costs:

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

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

PROJECT RELATED COSTS:

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

PRICE VARIATIONS:

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

SUMMARY:

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

Unit Price	X	Quantity	X	Adjustment Factor

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

General Rules:

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

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2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task.

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

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

ASSEMBLIES:

☑ Assembly tasks take precedence over individual component tasks.

RESTRICTED AND CONFINED SPACES:

☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.

☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

TECHNICAL SPECIFICATIONS:

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

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

Material Weights:

Earthen Material

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

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

Bulk Factors for Demolition:

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

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

Conversions:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

π = 3.14159

United Inch

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

TRADEMARKS

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

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, And Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Professional Certification For Hospital *(23 01 10 91)*

23 01 10 91-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	145.48

23 01 10 91-0003 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	422.51
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	603.34
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	632.98
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	697.44
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,262.86
23 01 10 91-0009	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	567.09
23 01 10 91-0010	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	813.66
23 01 10 91-0011	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	858.43
23 01 10 91-0012	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	955.48
23 01 10 91-0013	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,734.96
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	666.05
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	973.18
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	2,212.60
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	3,441.82
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	6,460.34

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping And Pumps Restoration *(23 01 20)*

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve	22.88
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve	27.45
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve	32.03
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve	36.60
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve	45.75
23 01 20 91-0007	EA	Lock Out/Tag Out Padlock System	18.30
23 01 20 91-0008	EA	Lock Out/Tag Out Tag	2.91

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit	122.00

23 01 20 91-0011 Freeze Pipe Using Nitrogen *(23 01 20 91)*

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 4" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	1,130.00
23 01 20 91-0013	EA	>4" To 12" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	2,260.01

23 01 20 91-0014 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0015	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.50
23 01 20 91-0016	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.06
23 01 20 91-0017	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.16
23 01 20 91-0018	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	4.33
23 01 20 91-0019	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	5.33
23 01 20 91-0020	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	6.72
23 01 20 91-0021	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	8.87
23 01 20 91-0022	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	10.64

23 01 20 91-0023 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0024	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	183.80

23 01 20 91-0025 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection and refilling/bleeding of system.

23 01 20 91-0026	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System	301.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0027	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System	430.16	
23 01 20 91-0028	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System	515.42	
23 01 20 91-0029	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	544.87	
23 01 20 91-0030	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	1,040.21	
23 01 20 91-0031	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System	400.92	
23 01 20 91-0032	EA	>100 To 250', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	572.12	
23 01 20 91-0033	EA	>250 To 500', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	681.09	
23 01 20 91-0034	EA	>500 To 1,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	724.19	
23 01 20 91-0035	EA	>1,000 To 2,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	1,395.40	
23 01 20 91-0036	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System	494.27	
23 01 20 91-0037	EA	>100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System	706.31	
23 01 20 91-0038	EA	>250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System	1,911.52	
23 01 20 91-0039	EA	>1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System	3,033.50	

23 01 20 91-0040 Special Cleaning Of Piping Systems *(23 01 20 91)*

23 01 20 91-0041 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*

23 01 20 91-0042	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	1.86
23 01 20 91-0043	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.09
23 01 20 91-0044	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.33
23 01 20 91-0045	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.60
23 01 20 91-0046	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	7.78

23 01 20 91-0047 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*

23 01 20 91-0048	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	1.99
23 01 20 91-0049	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	3.25
23 01 20 91-0050	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.54
23 01 20 91-0051	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	5.92
23 01 20 91-0052	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	8.21

23 01 20 91-0053 Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*

23 01 20 91-0054	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.02
23 01 20 91-0055	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	3.31
23 01 20 91-0056	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	4.63
23 01 20 91-0057	LF	>3" To 4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	6.05
23 01 20 91-0058	LF	>4" To 6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	8.38

23 01 20 91-0059 Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*

23 01 20 91-0060	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	214.83
23 01 20 91-0061	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	269.79
23 01 20 91-0062	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	370.76
23 01 20 91-0063	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	560.87
23 01 20 91-0064	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	690.43
23 01 20 91-0065	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,034.20

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001 Special Cleaning Of Ductwork *(23 01 30 51)*

Note: Includes sealing registers, grilles, diffusers as required.

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork	2.97
		For Exhaust Ductwork, Add	*0.74*
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	3.71
		For Exhaust Ductwork, Add	*0.93*
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	4.97
		For Exhaust Ductwork, Add	*1.24*
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork	7.03
		For Exhaust Ductwork, Add	*1.76*
23 01 30 51-0006	SF	Clean Duct Dampers	10.01
23 01 30 51-0007	SF	Clean Duct Fire Dampers	20.02
23 01 30 51-0008	SF	Clean Louver	8.01
23 01 30 51-0009	EA	Clean Turning Vane Set	24.03
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	24.03
23 01 30 51-0011	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	6.00
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	76.55
		For Stainless Steel, Add	*45.00*
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	72.08
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	96.11
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU) Unit	96.11
23 01 30 51-0016	EA	Clean Supply Or Return Fan	192.21
23 01 30 51-0017	EA	Clean Exhaust Fan	168.18
23 01 30 51-0018	EA	Clean Duct Coil	144.16
23 01 30 51-0019	SF	Clean Air Handling Unit Interior Housing, HEPA Vacuum Note: Excluding fan and coils.	4.81
23 01 30 51-0020	EA	Clean Air Handling Unit Fan	192.21
23 01 30 51-0021	EA	Clean Air Handling Unit Coil	288.32
23 01 30 51-0022	SF	Clean Equipment Surfaces, Rust Reform And Prime	2.39
23 01 30 51-0023	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	2.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 51-0024	SF	HEPA Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.52	
23 01 30 51-0025	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	676.26	
23 01 30 51-0026	SF	Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.38	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Setup And Maintenance *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	1,965.58	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,086.95	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*596.56*	
23 01 50 61-0005	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	2,620.78	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,310.39	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	2,620.78	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	81.90	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	245.70	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	10.09	

23 01 50 61-0011 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	196.55	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	245.70	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	343.97	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination	5.39	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination	6.21	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination	7.03	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination	9.69	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination	11.23	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination	14.10	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	24.57	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	36.86	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	49.14	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	61.42	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	73.71	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	86.00	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	73.71	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	98.28	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	122.85	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	147.42	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	171.98	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	196.55	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	225.42	

23 01 50 61-0034 Cast Iron Boiler Section Replacement *(23 01 50 61-0001)*

23 01 50 61-0035	EA	Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,165.09	
23 01 50 61-0036	EA	Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,486.80	
23 01 50 61-0037	EA	Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler	1,874.03	
23 01 50 61-0038	EA	Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler	3,979.90	
23 01 50 61-0039	EA	Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler	2,928.97	
23 01 50 61-0040	EA	Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler	3,423.19	
23 01 50 61-0041	EA	Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler	6,447.99	
23 01 50 61-0042	EA	Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler	5,008.12	
23 01 50 61-0043	EA	Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler	5,390.24	

23 01 50 61-0044 Cast Iron Grate Replacement *(23 01 50 61-0001)*

23 01 50 61-0045	SF	Replace Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	106.43	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	1,544.88	

23 01 50 61-0047 Replacement Or Conversion Of Boiler Burners *(23 01 50 61-0001)*

Note: Includes mounting plate, mechanical and electrical labor for installation of burners.

23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	5,974.62	898.18
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	8,530.61	1,112.00
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	10,092.76	1,347.17
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	11,836.23	1,449.27

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0052		Boiler And Chiller Water Treatment *(23 01 50 61)* Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0053	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	0.87	
23 01 50 61-0054	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	1.30	
23 01 50 61-0055	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	81.25	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001		Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*		
23 01 60 71-0002	LB	Recovery Of Refrigerant	7.17	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	13.45	

23 05 Common Work Results For HVAC *(23)*

23 05 13 Common Motor Requirements For HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	348.19	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	394.27	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	462.24	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	388.22	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	412.39	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	540.79	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	456.20	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	441.85	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	552.88	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	462.24	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	476.59	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	703.94	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	504.54	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	521.91	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	922.22	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	800.62	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	767.38	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,105.76	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	915.42	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	929.02	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,438.85	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,300.63	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,315.73	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,940.37	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,527.97	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,651.84	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,361.82	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,834.62	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,013.63	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,852.77	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,164.69	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,201.70	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,975.88	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,789.32	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,872.41	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,037.82	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,169.99	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,843.72	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,991.01	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,042.38	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,898.88	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,389.82	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,699.49	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,764.47	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,991.81	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,344.55	
23 05 13 00-0050		Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	4,239.50	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	5,132.26	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	6,515.97	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,254.66	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,985.03	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,623.26	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,766.75	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,155.76	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,456.36	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,705.60	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	13,349.93	

23 05 13 00-0062 Premium Efficient, TEFC Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.

23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	407.11	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	448.65	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	534.00	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	461.49	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	466.02	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	505.30	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	483.39	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	560.43	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	534.00	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	857.27	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	621.61	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	584.60	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	968.29	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	931.28	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	842.91	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	944.12	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	951.68	

23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*

23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	580.83	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	650.31	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	613.30	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	601.97	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	774.18	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	645.03	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	630.68	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	786.27	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	696.39	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	716.02	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	979.62	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	857.27	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	716.78	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,136.73	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	992.46	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	956.21	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,620.87	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,163.16	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,072.53	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,850.48	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,602.75	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,466.79	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,468.32	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,759.09	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,778.73	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,286.31	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,295.36	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,326.32	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,718.34	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,727.39	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,759.87	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,295.39	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,738.74	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,608.82	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,352.81	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,089.95	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,944.18	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,468.39	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,745.57	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,675.32	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,851.34	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,684.40	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,636.07	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,142.91	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,241.08	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,202.59	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,735.85	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	14,749.50	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	603.48	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	663.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	732.64	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,029.47	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	686.57	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	675.99	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	857.27	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,280.99	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	718.29	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	705.45	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	868.60	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,615.59	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	849.71	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	892.76	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,253.80	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,752.30	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,045.34	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	908.63	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,270.41	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,789.32	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,364.07	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,144.28	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,818.01	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,189.63	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,452.44	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,370.11	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,361.82	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,720.61	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,858.04	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,745.50	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,707.75	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,966.85	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,167.71	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,872.39	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,679.07	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,662.48	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,605.03	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,450.19	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,844.48	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,176.04	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,909.42	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,956.28	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,363.37	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,806.71	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,177.60	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,572.59	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,468.35	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,580.17	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,636.07	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,988.77	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,988.07	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,418.56	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,997.85	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,939.01	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,324.93	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,185.96	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,031.93	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,957.14	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,859.70	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,592.38	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,845.39	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,722.27	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,325.04	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,210.99	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,304.64	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,074.36	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	805.15	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	833.85	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	909.38	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,123.89	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,246.24	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,717.55	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,753.05	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,373.15	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,705.48	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,554.44	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,989.49	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,216.86	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,875.48	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,219.17	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,648.96	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,753.98	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	15,362.80	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0215		EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	17,529.00	
23 05 13 00-0216			Motor Mounting *(23 05 13)*		
			Note: Includes handling and motor installation on mounting base. Excludes mounting base.		
23 05 13 00-0217		EA	1/2 HP Motor Mounting	141.80	72.15
23 05 13 00-0218		EA	3/4 HP Motor Mounting	163.38	90.19
23 05 13 00-0219		EA	1 HP Motor Mounting	174.78	90.19
23 05 13 00-0220		EA	1-1/2 HP Motor Mounting	187.89	90.19
23 05 13 00-0221		EA	2 HP Motor Mounting	203.12	108.22
23 05 13 00-0222		EA	3 HP Motor Mounting	234.85	108.22
23 05 13 00-0223		EA	5 HP Motor Mounting	278.35	180.37
23 05 13 00-0224		EA	7-1/2 HP Motor Mounting	357.88	180.37
23 05 13 00-0225		EA	10 HP Motor Mounting	469.72	315.65
23 05 13 00-0226		EA	15 HP Motor Mounting	578.11	315.65
23 05 13 00-0227		EA	20 HP Motor Mounting	683.22	450.93
23 05 13 00-0228		EA	25 HP Motor Mounting	774.78	450.93
23 05 13 00-0229		EA	30 HP Motor Mounting	939.42	450.93
23 05 13 00-0230		EA	40 HP Motor Mounting	1,058.51	676.38
23 05 13 00-0231		EA	50 HP Motor Mounting	1,174.28	676.38
23 05 13 00-0232		EA	75 HP Motor Mounting	1,418.00	992.03
23 05 13 00-0233		EA	100 HP Motor Mounting	1,708.04	992.03
23 05 13 00-0234		EA	125 HP Motor Mounting	2,087.60	1,352.77
23 05 13 00-0235		EA	150 HP Motor Mounting	2,424.32	1,352.77
23 05 13 00-0236		EA	200 HP Motor Mounting	2,783.47	1,623.32

23 05 16 Expansion Fittings And Loops For HVAC Piping *(23 05)*

23 05 16 00-0001			Stainless Steel Bellows Type Expansion Joints *(23 05 16)*		
			Note: Includes internal sleeves and external covers.		
23 05 16 00-0002			Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
			Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0003		EA	1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	171.00	73.78
			For 300 LB Rating, Add	*5.84*	
23 05 16 00-0004		EA	3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	191.89	83.21
			For 300 LB Rating, Add	*6.39*	
23 05 16 00-0005		EA	1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	224.06	95.39
			For 300 LB Rating, Add	*8.34*	
23 05 16 00-0006		EA	1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	252.70	106.46
			For 300 LB Rating, Add	*10.01*	
23 05 16 00-0007		EA	1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	273.28	114.43
			For 300 LB Rating, Add	*11.11*	
23 05 16 00-0008		EA	2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	315.89	134.65
			For 300 LB Rating, Add	*11.67*	
23 05 16 00-0009			Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
			Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010		EA	1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	626.60	73.74
			For 300 LB Rating, Add	*133.75*	
23 05 16 00-0011		EA	1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	680.87	88.48
			For 300 LB Rating, Add	*142.50*	
23 05 16 00-0012		EA	2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	710.54	112.33
			For 300 LB Rating, Add	*142.52*	
23 05 16 00-0013		EA	2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	765.54	122.19
			For 300 LB Rating, Add	*153.08*	
23 05 16 00-0014		EA	3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	840.98	143.26
			For 300 LB Rating, Add	*165.42*	
23 05 16 00-0015		EA	4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,014.69	240.16
			For 300 LB Rating, Add	*178.43*	
23 05 16 00-0016		EA	5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,386.60	258.35
			For 300 LB Rating, Add	*266.04*	
23 05 16 00-0017		EA	6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,271.48	287.06
			For 300 LB Rating, Add	*227.84*	
23 05 16 00-0018		EA	8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,636.94	366.79
			For 300 LB Rating, Add	*295.33*	
23 05 16 00-0019		EA	10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,086.24	446.53
			For 300 LB Rating, Add	*382.02*	
23 05 16 00-0020		EA	12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,750.07	338.25
			For 300 LB Rating, Add	*518.17*	
23 05 16 00-0021		EA	14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,513.55	637.91
			For 300 LB Rating, Add	*679.04*	
23 05 16 00-0022		EA	16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,569.42	701.69
			For 300 LB Rating, Add	*923.08*	
23 05 16 00-0023			Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*		
			Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0024		EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	631.89	101.13
			For 300 LB Rating, Add	*107.43*	
23 05 16 00-0025		EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	661.76	101.96
			For 300 LB Rating, Add	*114.45*	
23 05 16 00-0026		EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	668.77	105.34
			For 300 LB Rating, Add	*114.47*	
23 05 16 00-0027		EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	721.80	114.86
			For 300 LB Rating, Add	*122.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	802.99	135.08
		For 300 LB Rating, Add	*133.14*	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,110.69	268.99
		For 300 LB Rating, Add	*143.32*	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,393.49	270.07
		For 300 LB Rating, Add	*213.68*	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,329.61	299.02
		For 300 LB Rating, Add	*183.00*	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,631.17	341.68
		For 300 LB Rating, Add	*237.20*	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,062.92	418.63
		For 300 LB Rating, Add	*306.84*	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,679.59	507.45
		For 300 LB Rating, Add	*416.19*	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,299.72	516.70
		For 300 LB Rating, Add	*566.52*	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,372.50	645.88
		For 300 LB Rating, Add	*770.12*	

23 05 16 00-0037 Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0038 Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16 00-0037)*

23 05 16 00-0039	EA	2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	461.50	112.33
23 05 16 00-0040	EA	2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	498.06	122.19
23 05 16 00-0041	EA	3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	551.94	143.26
23 05 16 00-0042	EA	4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	702.91	240.16
23 05 16 00-0043	EA	5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	921.74	258.35
23 05 16 00-0044	EA	6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	873.36	287.06
23 05 16 00-0045	EA	8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,120.91	366.79
23 05 16 00-0046	EA	10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,418.72	446.53
23 05 16 00-0047	EA	12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,844.65	338.64
23 05 16 00-0048	EA	14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,327.04	637.91
23 05 16 00-0049	EA	16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,956.50	701.69
23 05 16 00-0050	EA	18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,805.08	778.24
23 05 16 00-0051	EA	20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	4,420.44	877.12
23 05 16 00-0052	EA	24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	5,116.98	1,076.45
23 05 16 00-0053	EA	30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	6,813.87	1,754.22
23 05 16 00-0054	EA	36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	8,767.16	2,338.97

23 05 16 00-0055 Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0056 Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16 00-0055)*

23 05 16 00-0057	EA	2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	522.46	112.33
23 05 16 00-0058	EA	2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	563.53	122.19
23 05 16 00-0059	EA	3" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	622.68	143.26
23 05 16 00-0060	EA	4" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	779.22	240.16
23 05 16 00-0061	EA	5" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,035.52	258.35
23 05 16 00-0062	EA	6" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	970.81	287.06
23 05 16 00-0063	EA	8" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,247.22	366.79
23 05 16 00-0064	EA	10" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,582.11	446.53
23 05 16 00-0065	EA	12" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,066.26	338.64
23 05 16 00-0066	EA	14" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,617.45	637.91
23 05 16 00-0067	EA	16" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	3,351.28	701.69
23 05 16 00-0068	EA	18" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	4,342.81	778.24
23 05 16 00-0069	EA	20" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	5,051.53	877.12
23 05 16 00-0070	EA	24" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	5,833.00	1,076.45
23 05 16 00-0071	EA	30" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	7,691.21	1,754.22
23 05 16 00-0072	EA	36" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	9,876.58	2,338.97

23 05 16 00-0073 Neoprene Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0074 Flanged, 150 LB, Neoprene Bellows Type Expansion Joints *(23 05 16 00-0073)*

Note: Cast iron ends.

23 05 16 00-0075	EA	2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	432.40	112.33
23 05 16 00-0076	EA	2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	461.38	122.19
23 05 16 00-0077	EA	3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	491.52	143.26
23 05 16 00-0078	EA	4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	649.67	240.16
23 05 16 00-0079	EA	5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	748.19	258.35
23 05 16 00-0080	EA	6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	792.62	287.06
23 05 16 00-0081	EA	8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	969.25	366.79
23 05 16 00-0082	EA	10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,112.32	446.53
23 05 16 00-0083	EA	12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,272.09	338.48
23 05 16 00-0084	EA	14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,588.07	637.91
23 05 16 00-0085	EA	16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,951.64	701.69
23 05 16 00-0086	EA	18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,432.53	778.24
23 05 16 00-0087	EA	20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,819.69	877.12
23 05 16 00-0088	EA	24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	3,298.63	1,076.45
23 05 16 00-0089	EA	30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,578.35	1,754.22
23 05 16 00-0090	EA	36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	5,944.55	2,338.97

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0091		Tube And Cover Expansion Joints *(23 05 16)* Note: Carbon steel split backup rings.		
23 05 16 00-0092		Flanged, 150 LB, Tube And Cover Expansion Joints *(23 05 16 00-0091)*		
23 05 16 00-0093		Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints *(23 05 16 00-0092)*		
23 05 16 00-0094	EA	1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	275.46	63.21
23 05 16 00-0095	EA	1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	252.58	73.74
23 05 16 00-0096	EA	1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	301.68	88.48
23 05 16 00-0097	EA	2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	355.10	112.33
23 05 16 00-0098	EA	2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	397.68	122.19
23 05 16 00-0099	EA	3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	457.12	155.62
23 05 16 00-0100	EA	4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	631.00	260.88
23 05 16 00-0101	EA	5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	704.05	296.58
23 05 16 00-0102	EA	6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	759.59	287.06
23 05 16 00-0103	EA	8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	962.37	326.30
23 05 16 00-0104	EA	10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,410.78	446.53
23 05 16 00-0105	EA	12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,773.64	542.21
23 05 16 00-0106	EA	14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,001.78	637.91
23 05 16 00-0107	EA	16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,230.58	701.69
23 05 16 00-0108	EA	18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,433.59	778.24
23 05 16 00-0109	EA	20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,897.04	877.12
23 05 16 00-0110	EA	24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,521.85	1,076.45
23 05 16 00-0111	EA	30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,138.21	1,754.22
23 05 16 00-0112	EA	36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	6,274.59	2,338.97
23 05 16 00-0113		Flanged, 150 LB, Rubber Tube And Cover Expansion Joints *(23 05 16 00-0092)*		
23 05 16 00-0114	EA	1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	263.54	63.21
23 05 16 00-0115	EA	1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	240.66	73.74
23 05 16 00-0116	EA	1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	289.75	88.48
23 05 16 00-0117	EA	2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	343.17	112.33
23 05 16 00-0118	EA	2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	385.75	122.19
23 05 16 00-0119	EA	3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	445.19	155.62
23 05 16 00-0120	EA	4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	613.12	260.88
23 05 16 00-0121	EA	5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	686.17	296.58
23 05 16 00-0122	EA	6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	741.70	287.06
23 05 16 00-0123	EA	8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	980.33	366.79
23 05 16 00-0124	EA	10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,345.20	446.53
23 05 16 00-0125	EA	12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,714.02	542.21
23 05 16 00-0126	EA	14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,936.20	637.91
23 05 16 00-0127	EA	16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,165.00	701.69
23 05 16 00-0128	EA	18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,362.04	778.24
23 05 16 00-0129	EA	20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,813.57	877.12
23 05 16 00-0130	EA	24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,420.49	1,076.45
23 05 16 00-0131	EA	30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	4,846.05	1,754.22
23 05 16 00-0132	EA	36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	6,107.64	2,338.97
23 05 16 00-0133		Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints *(23 05 16 00-0092)*		
23 05 16 00-0134	EA	2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	349.13	112.33
23 05 16 00-0135	EA	3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	440.72	155.62
23 05 16 00-0136	EA	4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	607.15	260.88
23 05 16 00-0137	EA	6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	691.02	287.06
23 05 16 00-0138	EA	8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	861.08	366.79
23 05 16 00-0139	EA	10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,064.96	446.53
23 05 16 00-0140	EA	12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,275.78	542.21
23 05 16 00-0141		Flanged, Tube And Cover Expansion Joints (Mercer 501) *(23 05 16 00-0091)*		
23 05 16 00-0142		Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE) *(23 05 16 00-0141)*		
23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	480.55	88.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	539.93	112.33
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	564.63	122.19
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	647.91	155.62
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	851.61	260.88
23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	942.55	296.58
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	986.16	287.06
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,308.26	366.79
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,613.50	446.53
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,875.00	542.21
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,156.81	637.91
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,355.80	701.69
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,582.65	778.24
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,016.29	877.12
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,700.72	1,076.45
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	5,430.36	1,754.22
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	6,811.20	2,338.97
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	9,107.80	3,508.46
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	10,901.78	4,385.58
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	14,744.83	6,315.22

23 05 16 00-0163 Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR) *(23 05 16 00-0141)*

23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	456.70	88.48
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	510.12	112.33
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	534.81	122.19
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	612.14	155.62
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	809.87	260.88
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	900.81	296.58
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	938.46	287.06
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,242.68	366.79
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,535.99	446.53
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,785.57	542.21
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,055.45	637.91
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,248.47	701.69
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,457.44	778.24
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,873.20	877.12
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,527.81	1,076.45
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	5,185.90	1,754.22
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	6,519.05	2,338.97

23 05 16 00-0181 Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501) *(23 05 16 00-0141)*

Note: 501BB, 501NN or 501NiNi.

23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	480.55	88.48
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	545.89	112.33
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	564.63	122.19
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	647.91	155.62
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	851.61	260.88
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	942.55	296.58
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	992.12	287.06
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,308.26	366.79
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,613.50	446.53
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,875.00	542.21
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,156.81	637.91
23 05 16 00-0193	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,355.80	701.69
23 05 16 00-0194	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,582.65	778.24
23 05 16 00-0195	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,016.29	877.12
23 05 16 00-0196	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,700.72	1,076.45
23 05 16 00-0197	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	5,430.36	1,754.22
23 05 16 00-0198	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	6,811.20	2,338.97

23 05 16 00-0199 Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) *(23 05 16 00-0141)*

23 05 16 00-0200	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	498.44	88.48
23 05 16 00-0201	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	557.82	112.33
23 05 16 00-0202	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	582.51	122.19
23 05 16 00-0203	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	671.76	155.62
23 05 16 00-0204	EA	4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	881.42	260.88
23 05 16 00-0205	EA	5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	972.36	296.58
23 05 16 00-0206	EA	6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,021.94	287.06
23 05 16 00-0207	EA	8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,350.00	366.79
23 05 16 00-0208	EA	10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,667.17	446.53
23 05 16 00-0209	EA	12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,940.59	542.21
23 05 16 00-0210	EA	14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,222.39	637.91
23 05 16 00-0211	EA	16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,433.31	701.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0212	EA	18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,660.16	778.24
23 05 16 00-0213	EA	20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,111.69	877.12
23 05 16 00-0214	EA	24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,825.93	1,076.45
23 05 16 00-0215		Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) *(23 05 16 00-0141)*		
		Note: Kevlar reinforcement for high temperature.		
23 05 16 00-0216	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	611.72	88.48
23 05 16 00-0217	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	653.22	112.33
23 05 16 00-0218	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	707.72	122.19
23 05 16 00-0219	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	773.12	155.62
23 05 16 00-0220	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,084.14	260.88
23 05 16 00-0221	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,187.01	296.58
23 05 16 00-0222	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,212.73	287.06
23 05 16 00-0223	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,445.40	366.79
23 05 16 00-0224	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,720.83	446.53
23 05 16 00-0225	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,083.69	542.21
23 05 16 00-0226	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,460.89	637.91
23 05 16 00-0227	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,850.67	701.69
23 05 16 00-0228	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,166.96	778.24
23 05 16 00-0229	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,719.86	877.12
23 05 16 00-0230	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,821.65	1,076.45
23 05 16 00-0231		Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) *(23 05 16 00-0091)*		
23 05 16 00-0232		2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) *(23 05 16 00-0231)*		
23 05 16 00-0233	EA	1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	311.23	63.21
23 05 16 00-0234	EA	1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	350.32	67.84
23 05 16 00-0235	EA	2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	456.46	70.19
23 05 16 00-0236	EA	2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	576.70	76.69
23 05 16 00-0237	EA	3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	817.37	152.32
23 05 16 00-0238	EA	4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,093.89	195.16
23 05 16 00-0239	EA	5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,314.08	212.83
23 05 16 00-0240	EA	6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,430.19	199.35
23 05 16 00-0241	EA	8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,940.28	227.81
23 05 16 00-0242	EA	10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,497.58	270.95
23 05 16 00-0243	EA	12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,439.13	339.29
23 05 16 00-0244		3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) *(23 05 16 00-0231)*		
23 05 16 00-0245	EA	1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	341.05	63.21
23 05 16 00-0246	EA	1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	380.11	67.84
23 05 16 00-0247	EA	2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	504.16	70.19
23 05 16 00-0248	EA	2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	642.29	76.69
23 05 16 00-0249	EA	3" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	888.92	152.32
23 05 16 00-0250	EA	4" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,201.22	195.16
23 05 16 00-0251	EA	5" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,445.25	212.83
23 05 16 00-0252	EA	6" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,591.17	199.35
23 05 16 00-0253	EA	8" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,160.89	227.81
23 05 16 00-0254	EA	10" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,789.73	270.95
23 05 16 00-0255	EA	12" x 7" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	3,850.54	339.29
23 05 16 00-0256		5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) *(23 05 16 00-0231)*		
23 05 16 00-0257	EA	1" x 3" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	370.86	63.21
23 05 16 00-0258	EA	1-1/2" x 3-1/2" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	463.60	67.84
23 05 16 00-0259	EA	2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	581.67	70.19
23 05 16 00-0260	EA	2-1/2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	761.53	76.69
23 05 16 00-0261	EA	3" x 5" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,055.86	152.32
23 05 16 00-0262	EA	4" x 5-1/4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,362.20	195.16
23 05 16 00-0263	EA	5" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,761.26	212.83
23 05 16 00-0264	EA	6" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,859.48	199.35
23 05 16 00-0265	EA	8" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,763.09	227.81
23 05 16 00-0266	EA	10" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,654.28	270.95
23 05 16 00-0267	EA	12" x 9" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	4,571.99	339.29

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0268		Mercer Rubber, Series 450 *(23 05 16 00-0091)*		
23 05 16 00-0269		Expansion Joints, 2 Arch (452) *(23 05 16 00-0268)*		
23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch	375.66	67.84
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch	416.21	70.19
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch	460.43	76.69
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch	651.91	152.32
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch	761.49	195.16
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch	830.96	199.35
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch	935.61	227.81
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch	1,236.53	270.95
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch	1,469.05	339.52
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch	1,679.83	344.31
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch	2,036.29	429.39
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch	2,278.73	487.20
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch	2,579.74	548.28
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch	3,097.73	673.15
23 05 16 00-0284		Mercer Rubber, Series 502 And 701 *(23 05 16 00-0091)*		
23 05 16 00-0285		2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) *(23 05 16 00-0284)*		
		Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0286	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	564.02	88.70
23 05 16 00-0287	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	605.52	112.36
23 05 16 00-0288	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	648.10	122.57
23 05 16 00-0289	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	701.57	155.81
23 05 16 00-0290	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	923.16	261.54
23 05 16 00-0291	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,085.65	296.13
23 05 16 00-0292	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,111.37	288.09
23 05 16 00-0293	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,332.11	366.79
23 05 16 00-0294	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,571.77	446.53
23 05 16 00-0295	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,841.21	339.29
23 05 16 00-0296	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,258.17	637.91
23 05 16 00-0297	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,612.18	701.69
23 05 16 00-0298	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,892.69	778.24
23 05 16 00-0299	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,278.64	877.12
23 05 16 00-0300	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,921.33	1,076.45
23 05 16 00-0301	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	5,853.69	1,754.22
23 05 16 00-0302	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	7,395.52	2,338.97
23 05 16 00-0303	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	10,026.01	3,508.46
23 05 16 00-0304	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	11,945.20	4,385.58
23 05 16 00-0305	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	16,360.64	6,315.22
23 05 16 00-0306		2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) *(23 05 16 00-0284)*		
		Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0307	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	611.72	88.70
23 05 16 00-0308	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	653.22	112.36
23 05 16 00-0309	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	701.76	122.57
23 05 16 00-0310	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	755.24	155.81
23 05 16 00-0311	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	970.86	261.54
23 05 16 00-0312	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,157.20	296.13
23 05 16 00-0313	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,171.00	288.09
23 05 16 00-0314	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,421.55	366.79
23 05 16 00-0315	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,667.17	446.53
23 05 16 00-0316	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,942.57	339.29
23 05 16 00-0317	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,395.30	637.91
23 05 16 00-0318	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,773.16	701.69
23 05 16 00-0319	EA	18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,071.56	778.24
23 05 16 00-0320	EA	20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,481.36	877.12
23 05 16 00-0321	EA	24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,159.82	1,076.45
23 05 16 00-0322	EA	30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	6,205.48	1,754.22
23 05 16 00-0323	EA	36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	7,812.89	2,338.97
23 05 16 00-0324	EA	42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	10,562.63	3,508.46
23 05 16 00-0325	EA	48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	12,565.29	4,385.58
23 05 16 00-0326	EA	60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	17,207.30	6,315.22
23 05 16 00-0327		2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) *(23 05 16 00-0284)*		
		Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0328	EA	1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	629.61	88.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0329	EA	2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	688.99	112.36
23 05 16 00-0330	EA	2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	731.57	122.57
23 05 16 00-0331	EA	3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	791.01	155.81
23 05 16 00-0332	EA	4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,018.56	261.54
23 05 16 00-0333	EA	5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,192.97	296.13
23 05 16 00-0334	EA	6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,230.62	288.09
23 05 16 00-0335	EA	8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,469.25	366.79
23 05 16 00-0336	EA	10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,726.79	446.53
23 05 16 00-0337	EA	12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,014.12	339.29
23 05 16 00-0338	EA	14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,466.85	637.91
23 05 16 00-0339	EA	16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,868.56	701.69
23 05 16 00-0340	EA	18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,178.89	778.24
23 05 16 00-0341	EA	20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,624.46	877.12
23 05 16 00-0342	EA	24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,291.00	1,076.45
23 05 16 00-0343	EA	30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,223.36	1,754.22
23 05 16 00-0344	EA	36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	8,051.38	2,338.97
23 05 16 00-0345	EA	42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	10,896.52	3,508.46
23 05 16 00-0346	EA	48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	12,934.96	4,385.58
23 05 16 00-0347	EA	60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	17,708.14	6,315.22

23 05 16 00-0348 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) *(23 05 16 00-0284)*

Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.

23 05 16 00-0349	EA	1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	659.42	88.70
23 05 16 00-0350	EA	2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	700.92	112.36
23 05 16 00-0351	EA	2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	749.46	122.57
23 05 16 00-0352	EA	3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	820.82	155.81
23 05 16 00-0353	EA	4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,042.41	261.54
23 05 16 00-0354	EA	5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,240.67	296.13
23 05 16 00-0355	EA	6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,278.32	288.09
23 05 16 00-0356	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,516.95	366.79
23 05 16 00-0357	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,786.41	446.53
23 05 16 00-0358	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,097.59	339.29
23 05 16 00-0359	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,550.33	637.91
23 05 16 00-0360	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,975.88	701.69
23 05 16 00-0361	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,298.14	778.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0362	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,755.63	877.12
23 05 16 00-0363	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,428.13	1,076.45
23 05 16 00-0364	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	6,616.88	1,754.22
23 05 16 00-0365	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	8,337.58	2,338.97
23 05 16 00-0366	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	11,230.42	3,508.46
23 05 16 00-0367	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	13,221.16	4,385.58
23 05 16 00-0368	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	18,089.73	6,315.22

23 05 16 00-0369 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V) *(23 05 16 00-0284)*

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0370	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	814.44	88.70
23 05 16 00-0371	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	891.71	112.36
23 05 16 00-0372	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	952.18	122.57
23 05 16 00-0373	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,262.04	155.81
23 05 16 00-0374	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,674.42	261.54
23 05 16 00-0375	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,039.63	296.13
23 05 16 00-0376	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,196.53	288.09
23 05 16 00-0377	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,828.68	366.79
23 05 16 00-0378	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,730.16	446.53
23 05 16 00-0379	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,279.83	339.29
23 05 16 00-0380	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,929.32	637.91
23 05 16 00-0381	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,004.78	701.69
23 05 16 00-0382	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,660.93	778.24
23 05 16 00-0383	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,810.06	877.12
23 05 16 00-0384	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	10,217.62	1,076.45
23 05 16 00-0385	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	17,098.78	1,754.22
23 05 16 00-0386	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	21,526.41	2,338.97
23 05 16 00-0387	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	28,354.43	3,508.46
23 05 16 00-0388	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	33,266.74	4,385.58
23 05 16 00-0389	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	44,264.67	6,315.22

23 05 16 00-0390 Teflon Lined Expansion Joints (Mercer 701) *(23 05 16 00-0284)*

Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.

23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	561.96	67.84
		For Hypalon Tube And Cover, Add	*8.53*	
		For Viton Tube And Cover, Add	*426.31*	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint (Mercer 701)	650.24	70.19
		For Hypalon Tube And Cover, Add	*10.20*	
		For Viton Tube And Cover, Add	*509.79*	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	739.14	76.69
		For Hypalon Tube And Cover, Add	*11.72*	
		For Viton Tube And Cover, Add	*585.81*	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint (Mercer 701)	954.62	152.32
		For Hypalon Tube And Cover, Add	*13.00*	
		For Viton Tube And Cover, Add	*649.90*	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint (Mercer 701)	1,177.56	195.25
		For Hypalon Tube And Cover, Add	*15.74*	
		For Viton Tube And Cover, Add	*787.04*	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint (Mercer 701)	1,386.81	212.64
		For Hypalon Tube And Cover, Add	*19.23*	
		For Viton Tube And Cover, Add	*961.44*	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint (Mercer 701)	1,439.13	199.35
		For Hypalon Tube And Cover, Add	*20.81*	
		For Viton Tube And Cover, Add	*1,040.44*	
23 05 16 00-0398	EA	8" Teflon Lined Expansion Joint (Mercer 701)	1,719.31	227.65
		For Hypalon Tube And Cover, Add	*25.28*	
		For Viton Tube And Cover, Add	*1,264.03*	
23 05 16 00-0399	EA	10" Teflon Lined Expansion Joint (Mercer 701)	2,156.23	270.95
		For Hypalon Tube And Cover, Add	*32.29*	
		For Viton Tube And Cover, Add	*1,614.32*	
23 05 16 00-0400	EA	12" Teflon Lined Expansion Joint (Mercer 701)	2,752.45	339.52
		For Hypalon Tube And Cover, Add	*41.47*	
		For Viton Tube And Cover, Add	*2,073.42*	
23 05 16 00-0401	EA	14" Teflon Lined Expansion Joint (Mercer 701)	3,068.09	344.55
		For Hypalon Tube And Cover, Add	*47.58*	
		For Viton Tube And Cover, Add	*2,379.00*	
23 05 16 00-0402	EA	16" Teflon Lined Expansion Joint (Mercer 701)	3,810.11	429.39
		For Hypalon Tube And Cover, Add	*59.03*	
		For Viton Tube And Cover, Add	*2,951.39*	
23 05 16 00-0403	EA	18" Teflon Lined Expansion Joint (Mercer 701)	4,250.66	487.92
		For Hypalon Tube And Cover, Add	*65.50*	
		For Viton Tube And Cover, Add	*3,274.85*	
23 05 16 00-0404	EA	20" Teflon Lined Expansion Joint (Mercer 701)	4,959.57	547.24
		For Hypalon Tube And Cover, Add	*77.30*	
		For Viton Tube And Cover, Add	*3,865.13*	
23 05 16 00-0405	EA	24" Teflon Lined Expansion Joint (Mercer 701)	6,455.03	674.10
		For Hypalon Tube And Cover, Add	*102.14*	
		For Viton Tube And Cover, Add	*5,106.80*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0406		Accessories For Mercer Rubber, Series 451 And 501 *(23 05 16 00-0091)*		
23 05 16 00-0407		Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints *(23 05 16 00-0406)*		
23 05 16 00-0408	EA	1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	22.66	
23 05 16 00-0409	EA	2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	28.62	
23 05 16 00-0410	EA	2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	32.20	
23 05 16 00-0411	EA	3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	34.58	
23 05 16 00-0412	EA	4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	51.28	
23 05 16 00-0413	EA	5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	63.20	
23 05 16 00-0414	EA	6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	69.16	
23 05 16 00-0415	EA	8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	76.32	
23 05 16 00-0416	EA	10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	97.78	
23 05 16 00-0417	EA	12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	115.67	
23 05 16 00-0418	EA	14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	155.02	
23 05 16 00-0419	EA	16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	166.95	
23 05 16 00-0420	EA	18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	178.87	
23 05 16 00-0421	EA	20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	196.76	
23 05 16 00-0422	EA	24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	244.46	
23 05 16 00-0423	EA	30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	304.08	
23 05 16 00-0424	EA	36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	369.67	
23 05 16 00-0425	EA	42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	524.69	
23 05 16 00-0426	EA	48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	626.05	
23 05 16 00-0427		Control Rods For Mercer 451 And 501 Expansion Joints *(23 05 16 00-0406)*		
23 05 16 00-0428	SET	1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	40.90	
23 05 16 00-0429	SET	2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	51.73	
23 05 16 00-0430	SET	2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	60.15	
23 05 16 00-0431	SET	3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	72.18	
23 05 16 00-0432	SET	4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	72.18	
23 05 16 00-0433	SET	5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	78.19	
23 05 16 00-0434	SET	6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	90.22	
23 05 16 00-0435	SET	8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	132.33	
23 05 16 00-0436	SET	10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	258.64	
23 05 16 00-0437	SET	12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	354.87	
23 05 16 00-0438	SET	14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	529.30	
23 05 16 00-0439	SET	16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	595.47	
23 05 16 00-0440	SET	18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	793.95	
23 05 16 00-0441	SET	20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	848.09	
23 05 16 00-0442	SET	24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	956.35	
23 05 16 00-0443	SET	30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	1,401.45	
23 05 16 00-0444	SET	36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	2,063.08	
23 05 16 00-0445	SET	42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	1,395.43	
23 05 16 00-0446	SET	48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	1,834.51	
23 05 16 00-0447	SET	60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	2,863.04	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*
Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*
Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	96.41	40.10
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	118.24	46.83
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	144.27	56.18
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	206.07	84.23
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	266.09	112.28
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	328.56	140.41

23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*
Note: Includes link seals 12" length.

23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	97.31	40.59
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	114.37	43.99
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	130.98	47.40
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	159.82	56.87
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	220.68	71.02
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	385.11	85.26
23 05 17 00-0016	EA	13.25" Inside Diameter Steel Pipe Sleeve With Link Seals	442.78	106.57
23 05 17 00-0017	EA	17.25" Inside Diameter Steel Pipe Sleeve With Link Seals	604.75	131.12
23 05 17 00-0018	EA	23.25" Inside Diameter Steel Pipe Sleeve With Link Seals	822.16	170.52
23 05 17 00-0019	EA	29.25" Inside Diameter Steel Pipe Sleeve With Link Seals	879.50	213.15

23 05 19 Meters And Gages For HVAC Piping *(23 05)*

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*
Note: Various ranges.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	83.98	29.30
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	96.78	29.30
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	96.78	29.30
23 05 19 00-0006		Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges.		
23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	109.58	29.30
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	109.58	29.30
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	136.34	29.30
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	113.07	29.30
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	118.89	29.30
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	139.84	29.30
23 05 19 00-0013		Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges. Socket connection for thermowell.		
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	109.58	29.30
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	109.58	29.30
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	136.34	29.30
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	124.71	29.30
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	136.34	29.30
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	139.31	29.30
23 05 19 00-0020		1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	141.35	54.92
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	141.29	54.92
23 05 19 00-0023		Pressure Gauges *(23 05 19)*		
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	30.34	11.44
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	37.20	11.44
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	95.34	11.44
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	95.34	11.44
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	119.95	11.44
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	264.86	11.44
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
		Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	83.04	11.44
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	179.23	11.44
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	231.20	11.44
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	231.20	11.44
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	231.20	11.44
23 05 19 00-0039		Gauge Accessories *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	49.62	9.16
23 05 19 00-0041	EA	1/4" Snubber Valve	35.76	9.16
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	23.38	13.73
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	21.45	13.73
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	22.97	13.73
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	5.15	4.58
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	55.60	22.89
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	35.57	9.16
23 05 19 00-0048	EA	1/4", Black Steel Coupling	18.95	9.16
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	11.13	5.49
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	11.34	5.49
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.61	
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	5.56	
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	5.54	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	59.09	
23 05 19 00-0055		Valve Lock Covers *(23 05 19)*		
23 05 19 00-0056	EA	Valve Lock Cover	53.08	14.01
23 05 19 00-0057		Venturi Flowmeters *(23 05 19)*		
23 05 19 00-0058		Threaded, Brass, Venturi Flowmeters *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	3/4" Threaded, Brass, Venturi Flowmeter	157.45	62.24
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0060	EA	1" Threaded, Brass, Venturi Flowmeter	177.55	74.69
		For Portable Venturi Flow Meter, Add	*995.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0061		EA	1-1/4" Threaded, Brass, Venturi Flowmeter	196.20	83.03
			For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0062		EA	1-1/2" Threaded, Brass, Venturi Flowmeter	221.04	93.37
			For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0063		EA	2" Threaded, Brass, Venturi Flowmeter	260.40	106.74
			For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0064		EA	2-1/2" Threaded, Brass, Venturi Flowmeter	356.45	141.94
			For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0065			Butt Weld, Carbon Steel, Venturi Flowmeters *(23 05 19 00-0057)*		
23 05 19 00-0066		EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	618.45	127.89
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*126.93*	
23 05 19 00-0067		EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	826.76	153.47
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*181.94*	
23 05 19 00-0068		EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	1,072.74	191.83
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*241.17*	
23 05 19 00-0069		EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	1,309.42	255.78
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*279.25*	
23 05 19 00-0070		EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	1,834.86	306.93
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*427.35*	
23 05 19 00-0071		EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	2,858.73	383.67
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*731.99*	
23 05 19 00-0072		EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	4,218.97	525.82
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*1,108.56*	
23 05 19 00-0073		EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	5,977.87	788.74
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*1,540.14*	
23 05 19 00-0074		EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	8,583.04	876.38
			For Portable Venturi Flow Meter, Add	*995.00*	
			For Flanged Ends, Add	*2,390.60*	
23 05 19 00-0075			Turbine Flowmeter *(23 05 19)*		
23 05 19 00-0076		EA	Saddle Mount Turbine Flowmeter	411.45	68.66
23 05 19 00-0077			Sight Flow Indicator *(23 05 19)*		
23 05 19 00-0078			Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0077)*		
23 05 19 00-0079		EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	97.57	13.32
23 05 19 00-0080		EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	101.97	14.02
23 05 19 00-0081		EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	110.05	14.73
23 05 19 00-0082		EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	125.13	19.86
23 05 19 00-0083		EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	149.73	24.06
23 05 19 00-0084		EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	171.59	30.47
23 05 19 00-0085		EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	238.67	35.23
23 05 19 00-0086		EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	265.89	41.64
23 05 19 00-0087			Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator *(23 05 19 00-0077)*		
23 05 19 00-0088		EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	124.61	13.32
23 05 19 00-0089		EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	128.42	14.02
23 05 19 00-0090		EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	138.30	14.73
23 05 19 00-0091		EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	149.17	19.86
23 05 19 00-0092		EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	159.95	24.06
23 05 19 00-0093		EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	175.80	30.47
23 05 19 00-0094		EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	320.41	35.23
23 05 19 00-0095		EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	345.23	41.64

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23 05 19 00-0096		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0077)*		
23 05 19 00-0097	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	176.90	13.32
23 05 19 00-0098	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	186.71	14.02
23 05 19 00-0099	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	202.61	14.73
23 05 19 00-0100	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	222.49	19.86
23 05 19 00-0101	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	256.11	24.06
23 05 19 00-0102	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	273.76	30.47
23 05 19 00-0103	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	536.77	35.23
23 05 19 00-0104	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	567.60	41.64
23 05 19 00-0105		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0106	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	122.81	13.32
23 05 19 00-0107	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	127.82	14.02
23 05 19 00-0108	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	135.30	14.73
23 05 19 00-0109	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	148.57	19.86
23 05 19 00-0110	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	159.34	24.06
23 05 19 00-0111	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	175.80	30.47
23 05 19 00-0112	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	316.80	35.23
23 05 19 00-0113	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	340.42	41.64
23 05 19 00-0114		Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0115	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	175.70	13.32
23 05 19 00-0116	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	189.12	14.02
23 05 19 00-0117	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	206.21	14.73
23 05 19 00-0118	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	222.49	19.86
23 05 19 00-0119	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	256.11	24.06
23 05 19 00-0120	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	276.17	30.47
23 05 19 00-0121	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	536.77	35.23
23 05 19 00-0122	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	567.60	41.64
23 05 19 00-0123		Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0124	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	260.91	24.06
23 05 19 00-0125	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	295.40	30.47
23 05 19 00-0126	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	336.03	35.23
23 05 19 00-0127	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	378.88	41.64
23 05 19 00-0128		Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0129	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	578.66	96.09
23 05 19 00-0130	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	651.64	121.98
23 05 19 00-0131	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	946.39	143.19
23 05 19 00-0132	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,437.01	240.05
23 05 19 00-0133	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,285.88	286.95
23 05 19 00-0134		Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0135	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	442.12	68.63
23 05 19 00-0136	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	521.37	80.07
23 05 19 00-0137	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	566.34	96.09
23 05 19 00-0138	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	710.24	121.98
23 05 19 00-0139	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,018.21	143.19
23 05 19 00-0140	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,514.84	240.05
23 05 19 00-0141		Flowmeters *(23 05 19)*		
23 05 19 00-0142		Polyvinyl Chloride (PVC) Turbine Flowmeters *(23 05 19 00-0141)*		
23 05 19 00-0143	EA	2", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,016.72	157.36
23 05 19 00-0144	EA	3", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,185.49	167.79
23 05 19 00-0145	EA	4", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,347.28	174.84
23 05 19 00-0146	EA	6", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,652.86	179.78
23 05 19 00-0147	EA	2", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	928.52	122.02
23 05 19 00-0148	EA	3", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,155.47	155.62
23 05 19 00-0149	EA	4", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,472.37	260.89
23 05 19 00-0150	EA	6", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)	1,928.35	329.54

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23 05 19 00-0151	EA	2", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	1,585.75	157.36
		For Analog Output, Add	*75.00*	
23 05 19 00-0152	EA	3", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	1,754.52	167.79
		For Analog Output, Add	*75.00*	
23 05 19 00-0153	EA	4", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	1,916.31	174.84
		For Analog Output, Add	*75.00*	
23 05 19 00-0154	EA	6", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)	2,221.89	179.78
		For Analog Output, Add	*75.00*	
23 05 19 00-0155	EA	2", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	1,497.55	122.02
		For Analog Output, Add	*75.00*	
23 05 19 00-0156	EA	3", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	1,724.50	155.62
		For Analog Output, Add	*75.00*	
23 05 19 00-0157	EA	4", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	2,041.40	260.89
		For Analog Output, Add	*75.00*	
23 05 19 00-0158	EA	6", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)	2,497.38	329.54
		For Analog Output, Add	*75.00*	
23 05 19 00-0159	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,437.95	157.36
23 05 19 00-0160	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,606.72	167.79
23 05 19 00-0161	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,768.51	174.84
23 05 19 00-0162	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,074.09	179.78
23 05 19 00-0163	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,511.85	157.45
23 05 19 00-0164	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,717.57	167.98
23 05 19 00-0165	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	1,916.31	174.84
23 05 19 00-0166	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)	2,295.79	179.87
23 05 19 00-0167	EA	2", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	1,718.77	157.36
23 05 19 00-0168	EA	3", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	1,887.54	167.79
23 05 19 00-0169	EA	4", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,049.33	174.84
23 05 19 00-0170	EA	6", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,354.91	179.78
23 05 19 00-0171	EA	2", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	1,630.57	122.02
23 05 19 00-0172	EA	3", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	1,857.52	155.62
23 05 19 00-0173	EA	4", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,174.42	260.89
23 05 19 00-0174	EA	6", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)	2,630.40	329.54

23 05 19 00-0175 Flanged, Main Line Flowmeters *(23 05 19 00-0141)*

Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.

23 05 19 00-0176 150 LB, Flanged, Main Line Flow Meters *(23 05 19 00-0175)*

23 05 19 00-0177	EA	2" x 14" Long, 150 LB, Flanged, Main Line Flow Meter	1,427.71	122.02
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0178	EA	2-1/2" x 16" Long, 150 LB, Flanged, Main Line Flow Meter	1,441.58	133.14
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0179	EA	3" x 16" Long, 150 LB, Flanged, Main Line Flow Meter	1,469.91	155.81
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0180	EA	4" x 20" Long, 150 LB, Flanged, Main Line Flow Meter	1,839.64	261.54
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0181	EA	6" x 22" Long, 150 LB, Flanged, Main Line Flow Meter	2,166.71	329.54
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0182	EA	8" x 24" Long, 150 LB, Flanged, Main Line Flow Meter	2,619.24	421.08
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0183	EA	10" x 26" Long, 150 LB, Flanged, Main Line Flow Meter	3,230.71	495.02
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0184	EA	12" x 28" Long, 150 LB, Flanged, Main Line Flow Meter	3,739.39	601.11
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0185	EA	14" x 42" Long, 150 LB, Flanged, Main Line Flow Meter	4,549.99	707.18
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0186	EA	16" x 48" Long, 150 LB, Flanged, Main Line Flow Meter	5,134.61	777.90
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0187	EA	18" x 54" Long, 150 LB, Flanged, Main Line Flow Meter	5,741.42	862.75
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0188	EA	20" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	6,594.19	972.37
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0189	EA	24" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	8,703.45	1,193.37
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0190	EA	30" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	11,405.00	1,944.74
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0191	EA	36" x 60" Long, 150 LB, Flanged, Main Line Flow Meter	14,007.72	2,592.99
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

23 05 19 00-0192 300 LB, Flanged, Main Line Flow Meters *(23 05 19 00-0175)*

23 05 19 00-0193	EA	2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter	1,605.14	122.05
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0194	EA	2-1/2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter	1,619.01	133.14
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0195	EA	3" x 20" Long, 300 LB, Flanged, Main Line Flow Meter	1,647.34	155.81
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0196	EA	4" x 24" Long, 300 LB, Flanged, Main Line Flow Meter	1,976.48	260.89
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0197	EA	6" x 26" Long, 300 LB, Flanged, Main Line Flow Meter	2,401.29	329.54
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0198	EA	8" x 28" Long, 300 LB, Flanged, Main Line Flow Meter	2,999.67	421.08
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0199	EA	10" x 30" Long, 300 LB, Flanged, Main Line Flow Meter	3,976.54	495.02
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0200	EA	12" x 32" Long, 300 LB, Flanged, Main Line Flow Meter	5,011.52	601.11
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0201	EA	14" x 42" Long, 300 LB, Flanged, Main Line Flow Meter	5,990.54	707.18
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0202	EA	16" x 48" Long, 300 LB, Flanged, Main Line Flow Meter	6,863.87	777.90
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

23 05 19 00-0203 Adjustable, Insertion Turbine Flowmeters *(23 05 19 00-0141)*

23 05 19 00-0204	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	1,243.19	91.54
23 05 19 00-0205	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	1,273.26	91.54
23 05 19 00-0206	EA	For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,001.28	183.08
23 05 19 00-0207	EA	For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,122.89	91.54
23 05 19 00-0208	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,453.71	91.54
23 05 19 00-0209	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,483.78	91.54

23 05 19 00-0210 Epoxy Coated Cast Iron High-Volume Turbine Meters *(23 05 19 00-0141)*

Note: AWWA C-701, Class II.

23 05 19 00-0211 Meters With Mechanical Display *(23 05 19 00-0210)*

23 05 19 00-0212	EA	2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	1,198.85	157.45
23 05 19 00-0213	EA	3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	1,446.87	167.98
23 05 19 00-0214	EA	4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	1,788.67	174.84
23 05 19 00-0215	EA	6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	2,464.79	179.87
23 05 19 00-0216	EA	8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	3,408.33	194.52

23 05 19 00-0217 Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters *(23 05 19 00-0210)*

23 05 19 00-0218	EA	2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	1,310.12	157.45
23 05 19 00-0219	EA	3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	1,561.16	167.98
23 05 19 00-0220	EA	4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	1,917.99	174.84
23 05 19 00-0221	EA	6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	2,582.08	179.87
23 05 19 00-0222	EA	8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	3,518.10	194.52

23 05 19 00-0223 Bronze High-Volume Turbine Meters *(23 05 19 00-0141)*

Note: AWWA C-701, Class II.

23 05 19 00-0224 Mechanical Display, Bronze High-Volume Turbine Meters *(23 05 19 00-0223)*

23 05 19 00-0225	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	936.14	137.31
23 05 19 00-0226	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,078.55	157.45
23 05 19 00-0227	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,547.62	167.98
23 05 19 00-0228	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,202.19	174.84
23 05 19 00-0229	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	3,818.12	179.87

23 05 19 00-0230 Electrical Output, Bronze High-Volume Turbine Meters *(23 05 19 00-0223)*

23 05 19 00-0231	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,050.42	137.31
23 05 19 00-0232	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,194.33	157.45
23 05 19 00-0233	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,661.90	167.98
23 05 19 00-0234	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter	2,316.47	174.84
23 05 19 00-0235	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter	4,025.63	179.87

23 05 19 00-0236 Multi-Jet Meters *(23 05 19 00-0141)*

23 05 19 00-0237 Hostile Environment Multi-Jet Meters *(23 05 19 00-0236)*

Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.

23 05 19 00-0238	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	520.35	28.83
23 05 19 00-0239	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	613.10	37.99
23 05 19 00-0240	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	748.77	43.48
23 05 19 00-0241	EA	1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,236.19	57.21
23 05 19 00-0242	EA	2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,744.24	65.45

23 05 19 00-0243 High-Pressure Multi-Jet Meters *(23 05 19 00-0236)*

Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.

23 05 19 00-0244	EA	3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	1,497.28	37.99
23 05 19 00-0245	EA	1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	2,129.16	43.48
23 05 19 00-0246	EA	1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	3,854.13	57.21
23 05 19 00-0247	EA	2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	4,876.45	65.45

23 05 19 00-0248 Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters *(23 05 19 00-0141)*

23 05 19 00-0249	EA	3", 45 To 250 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	1,961.72	305.89
23 05 19 00-0250	EA	4", 55 To 500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,056.18	260.89
23 05 19 00-0251	EA	6", 120 To 1,200 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,293.02	329.54
23 05 19 00-0252	EA	8", 150 To 1,500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,853.82	421.08

23 05 19 00-0253 In-Line Flowmeters *(23 05 19 00-0141)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0254		Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton *(23 05 19 00-0253)*		
23 05 19 00-0255	EA	3/4" In Line Flowmeter	230.36	37.99
23 05 19 00-0256	EA	1" In Line Flowmeter	241.34	43.48
23 05 19 00-0257	EA	1-1/2" In Line Flowmeter	348.80	57.21
23 05 19 00-0258	EA	3/4" In Line Flowmeter With SPDP Switch	299.28	37.99
23 05 19 00-0259	EA	1" In Line Flowmeter With SPDP Switch	310.26	43.48
23 05 19 00-0260	EA	1-1/2" In Line Flowmeter With SPDP Switch	449.45	57.21
23 05 19 00-0261		Water Flow Switches *(23 05 19)*		
23 05 19 00-0262	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	173.82	26.97
23 05 19 00-0263	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	179.32	26.97
23 05 19 00-0264	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	225.80	26.97
23 05 19 00-0265	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	232.84	26.97
23 05 19 00-0266	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	186.36	26.97
23 05 19 00-0267	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	192.77	26.97
23 05 19 00-0268	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	238.34	26.97
23 05 19 00-0269	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	244.76	26.97
23 05 19 00-0270	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	451.43	26.97
23 05 19 00-0271	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	457.65	26.97
23 05 19 00-0272	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	516.73	26.97
23 05 19 00-0273	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	525.28	26.97
23 05 19 00-0274	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	466.20	26.97
23 05 19 00-0275	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	474.75	26.97
23 05 19 00-0276	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	531.50	26.97
23 05 19 00-0277	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	540.83	26.97

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

23 05 23 00-0001		Triple Duty Valves *(23 05 23)* Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
23 05 23 00-0002		Straight Pattern, Triple Duty Valves *(23 05 23 00-0001)* Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0003	EA	1" Threaded, Straight Pattern, Triple Duty Valve	210.63	9.61
23 05 23 00-0004	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	244.92	12.17
23 05 23 00-0005	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	266.60	14.09
23 05 23 00-0006	EA	2" Flanged, Straight Pattern, Triple Duty Valve	686.01	121.98
23 05 23 00-0007	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	769.43	122.13
23 05 23 00-0008	EA	3" Flanged, Straight Pattern, Triple Duty Valve	844.56	143.19
23 05 23 00-0009	EA	4" Flanged, Straight Pattern, Triple Duty Valve	1,717.37	240.05
23 05 23 00-0010	EA	5" Flanged, Straight Pattern Triple Duty Valve	1,993.36	258.26
23 05 23 00-0011	EA	6" Flanged, Straight Pattern, Triple Duty Valve	2,641.17	286.95
23 05 23 00-0012	EA	8" Flanged, Straight Pattern, Triple Duty Valve	3,552.25	366.66
23 05 23 00-0013	EA	10" Flanged, Straight Pattern, Triple Duty Valve	5,672.25	446.37
23 05 23 00-0014		Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0001)* Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0015	EA	2" Flanged, Angle Pattern, Triple Duty Valve	670.68	121.98
23 05 23 00-0016	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	751.03	122.13
23 05 23 00-0017	EA	3" Flanged, Angle Pattern, Triple Duty Valve	829.23	143.19
23 05 23 00-0018	EA	4" Flanged, Angle Pattern, Triple Duty Valve	1,677.51	240.05
23 05 23 00-0019	EA	5" Flanged, Angle Pattern, Triple Duty Valve	1,944.30	258.26
23 05 23 00-0020	EA	6" Flanged, Angle Pattern, Triple Duty Valve	2,181.26	286.95
23 05 23 00-0021	EA	8" Flanged, Angle Pattern, Triple Duty Valve	3,334.56	366.66
23 05 23 00-0022	EA	10" Flanged, Angle Pattern, Triple Duty Valve	4,448.87	446.37
23 05 23 00-0023		Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0001)* Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0024	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	777.10	143.19
23 05 23 00-0025	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,539.53	240.05
23 05 23 00-0026	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,787.93	258.26
23 05 23 00-0027	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,362.16	286.95
23 05 23 00-0028	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,172.05	366.66
23 05 23 00-0029	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	5,037.56	446.37
23 05 23 00-0030	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,556.87	542.02
23 05 23 00-0031	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	9,181.01	637.67
23 05 23 00-0032	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,483.13	701.44
23 05 23 00-0033		Grooved Straight Pattern, Triple Duty Valves *(23 05 23 00-0001)* Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0034	EA	2" Grooved, Straight Pattern, Triple Duty Valve	707.95	22.61
23 05 23 00-0035	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	844.00	26.95
23 05 23 00-0036	EA	3" Grooved, Straight Pattern, Triple Duty Valve	982.03	29.23
23 05 23 00-0037	EA	4" Grooved, Straight Pattern, Triple Duty Valve	1,626.64	31.50
23 05 23 00-0038	EA	5" Grooved, Straight Pattern, Triple Duty Valve	1,884.92	40.65
23 05 23 00-0039	EA	6" Grooved, Straight Pattern Triple Duty Valve	2,512.61	52.13
23 05 23 00-0040	EA	8" Grooved, Straight Pattern Triple Duty Valve	3,416.38	66.16
23 05 23 00-0041	EA	10" Grooved, Straight Pattern Triple Duty Valve	5,385.32	74.13
23 05 23 00-0042	EA	12" Grooved, Straight Pattern Triple Duty Valve	8,544.98	90.39

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0043		Plug Valves *(23 05 23)*		
23 05 23 00-0044		Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated *(23 05 23 00-0043)*		
		Note: Includes wrench.		
23 05 23 00-0045	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	123.11	9.15
23 05 23 00-0046	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	133.38	10.07
23 05 23 00-0047	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	167.54	11.44
23 05 23 00-0048	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	202.36	12.17
23 05 23 00-0049	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	224.15	14.09
23 05 23 00-0050	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	264.65	16.65
23 05 23 00-0051	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	390.23	22.48
23 05 23 00-0052	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	473.40	26.11
23 05 23 00-0053		Plug Valves, Lubricated, Semisteel Flanged *(23 05 23 00-0043)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0054	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	299.50	121.98
23 05 23 00-0055	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	346.76	122.13
23 05 23 00-0056	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	422.50	143.19
23 05 23 00-0057	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	630.27	240.05
23 05 23 00-0058	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,238.86	286.95
23 05 23 00-0059	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,038.87	366.66
23 05 23 00-0060	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,196.62	446.37
23 05 23 00-0061	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	4,681.45	542.02
23 05 23 00-0062		Plug Valves, Forged Steel, Screwed *(23 05 23 00-0043)*		
23 05 23 00-0063	EA	1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	429.86	9.15
23 05 23 00-0064	EA	3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	510.47	10.07
23 05 23 00-0065	EA	1" Plug Valve, 1,500 LB, Forged Steel, Screwed	578.76	11.44
23 05 23 00-0066	EA	1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	696.11	12.17
23 05 23 00-0067	EA	1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	810.28	14.09
23 05 23 00-0068	EA	2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,061.03	16.65
23 05 23 00-0069		Plug Valves, Eccentric, Cast Iron Flanged *(23 05 23 00-0043)*		
23 05 23 00-0070	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	704.52	240.05
23 05 23 00-0071	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,052.22	286.95
23 05 23 00-0072	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,420.38	366.66
23 05 23 00-0073	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,986.13	446.37
23 05 23 00-0074	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,550.54	542.02
23 05 23 00-0075		Foot Valves *(23 05 23)*		
23 05 23 00-0076		Single Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0075)*		
23 05 23 00-0077	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	59.62	22.89
23 05 23 00-0078	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	67.17	25.63
23 05 23 00-0079	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	81.90	29.30
23 05 23 00-0080	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	102.54	32.95
23 05 23 00-0081	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	212.00	54.00
23 05 23 00-0082	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	267.40	65.91
23 05 23 00-0083		Double Poppet Foot Valves, Metal To Metal Seat Construction *(23 05 23 00-0075)*		
23 05 23 00-0084	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	59.62	22.89
23 05 23 00-0085	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	102.75	25.63
23 05 23 00-0086	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	102.43	29.30
23 05 23 00-0087	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	132.64	32.95
23 05 23 00-0088	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	249.31	54.00
23 05 23 00-0089	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	330.72	64.99
23 05 23 00-0090		Float Valves *(23 05 23)*		
23 05 23 00-0091		Float Valve Assembly For Maintaining Liquid Level In Tanks *(23 05 23 00-0090)*		
23 05 23 00-0092		Single Seat, Bronze Construction *(23 05 23 00-0091)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0093	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	102.77	19.22
23 05 23 00-0094	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	118.69	22.88
23 05 23 00-0095	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	148.28	24.71
23 05 23 00-0096	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	237.09	31.12
23 05 23 00-0097	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	246.24	35.68
23 05 23 00-0098		Double Seat, Bronze Construction *(23 05 23 00-0091)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0099	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	462.96	19.22
23 05 23 00-0100	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	470.28	22.88
23 05 23 00-0101	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	540.57	24.71
23 05 23 00-0102	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	601.62	31.12
23 05 23 00-0103	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	687.96	35.68
23 05 23 00-0104	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	897.60	42.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0105	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	1,051.79	56.43
23 05 23 00-0106	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	1,262.44	64.86
23 05 23 00-0107		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0090)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0108		Brass Body Threaded Ends *(23 05 23 00-0107)*		
23 05 23 00-0109	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	124.64	24.80
23 05 23 00-0110	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	140.21	27.55
23 05 23 00-0111	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	168.02	30.47
23 05 23 00-0112	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	269.35	49.24
23 05 23 00-0113	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	289.11	56.10
23 05 23 00-0114	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	335.23	69.55
23 05 23 00-0115		Cast Iron Body Flanged *(23 05 23 00-0107)*		
23 05 23 00-0116	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	2,866.09	122.13
23 05 23 00-0117	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	3,462.40	143.19
23 05 23 00-0118		Float Operated Valves *(23 05 23 00-0090)*		
23 05 23 00-0119		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0118)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0120	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	356.73	43.01
23 05 23 00-0121		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0118)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0122	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	475.94	80.01
23 05 23 00-0123		Needle Valves *(23 05 23)*		
23 05 23 00-0124		Bronze Needle Valve *(23 05 23 00-0123)*		
		Note: For heating and cooling applications.		
23 05 23 00-0125	EA	1/4" Needle Valve, Bronze	57.06	9.15
23 05 23 00-0126	EA	3/8" Needle Valve, Bronze	62.75	9.15
23 05 23 00-0127	EA	1/2" Needle Valve, Bronze	68.02	9.15
23 05 23 00-0128	EA	3/4" Needle Valve, Bronze	100.59	10.07
23 05 23 00-0129	EA	1" Needle Valve, Bronze	147.35	11.44
23 05 23 00-0130		Eccentric Valves With Taps *(23 05 23)*		
23 05 23 00-0131		Screwed Eccentric Valves With Taps *(23 05 23 00-0130)*		
23 05 23 00-0132	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	118.04	9.15
23 05 23 00-0133	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	129.68	10.07
23 05 23 00-0134	EA	1" Diameter Eccentric Valves With Taps, Screwed	162.56	11.44
23 05 23 00-0135	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	198.56	12.17
23 05 23 00-0136	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	218.84	14.09
23 05 23 00-0137	EA	2" Diameter Eccentric Valves With Taps, Screwed	257.52	16.65
23 05 23 00-0138	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	381.97	22.48
23 05 23 00-0139	EA	3" Diameter Eccentric Valves With Taps, Screwed	460.53	26.11
23 05 23 00-0140		Flanged Eccentric Valves With Taps *(23 05 23 00-0130)*		
23 05 23 00-0141	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	473.19	122.13
23 05 23 00-0142	EA	3" Diameter Eccentric Valves With Taps, Flanged	560.55	143.19
23 05 23 00-0143	EA	4" Diameter Eccentric Valves With Taps, Flanged	784.30	240.05
23 05 23 00-0144	EA	5" Diameter Eccentric Valves With Taps, Flanged	1,003.28	258.26
23 05 23 00-0145	EA	6" Diameter Eccentric Valves With Taps, Flanged	1,245.23	286.95
23 05 23 00-0146	EA	8" Diameter Eccentric Valves With Taps, Flanged	2,055.73	366.66
23 05 23 00-0147	EA	10" Diameter Eccentric Valves With Taps, Flanged	2,839.18	446.37
23 05 23 00-0148	EA	12" Diameter Eccentric Valves With Taps, Flanged	4,728.03	542.02
23 05 23 00-0149		Earthquake-Sensitive Gas Shut-Off Valve *(23 05 23)*		
23 05 23 00-0150		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0149)*		
23 05 23 00-0151	EA	3/4" 0.5 PSI Threaded Earthquake Gas Shutoff Valve	167.01	10.07
23 05 23 00-0152	EA	1" 0.5 PSI Threaded Earthquake Gas Shutoff Valve	188.22	11.44
23 05 23 00-0153		7 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0149)*		
23 05 23 00-0154	EA	1-1/4" 7 PSI Threaded Earthquake Gas Shutoff Valve	218.58	12.17
23 05 23 00-0155	EA	1-1/2" 7 PSI Threaded Earthquake Gas Shutoff Valve	297.99	14.09
23 05 23 00-0156		60 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0149)*		
23 05 23 00-0157	EA	3/4" 60 PSI Threaded Earthquake Gas Shutoff Valve	209.03	10.07
23 05 23 00-0158	EA	1" 60 PSI Threaded Earthquake Gas Shutoff Valve	217.40	11.44
23 05 23 00-0159	EA	1-1/4" 60 PSI Threaded Earthquake Gas Shutoff Valve	241.93	12.17
23 05 23 00-0160	EA	1-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve	333.01	14.09
23 05 23 00-0161	EA	2" 60 PSI Threaded Earthquake Gas Shutoff Valve	783.51	16.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0162	EA	2-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve	929.00	22.41
23 05 23 00-0163	EA	3" 60 PSI Threaded Earthquake Gas Shutoff Valve	1,209.24	26.11
23 05 23 00-0164	EA	4" 60 PSI Threaded Earthquake Gas Shutoff Valve	1,402.15	29.48
23 05 23 00-0165		60 PSI Flanged Earthquake Gas Shutoff Valves *(23 05 23 00-0149)*		
23 05 23 00-0166	EA	2" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,086.27	121.98
23 05 23 00-0167	EA	3" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,340.57	143.19
23 05 23 00-0168	EA	4" 60 PSI Flanged Earthquake Gas Shutoff Valve	1,876.54	240.05
23 05 23 00-0169	EA	6" 60 PSI Flanged Earthquake Gas Shutoff Valve	3,102.90	286.95
23 05 23 00-0170	EA	8" 60 PSI Flanged Earthquake Gas Shutoff Valve	8,509.15	366.66
23 05 23 00-0171		Emergency Shut-Off Valve With Fusible Link *(23 05 23)*		
23 05 23 00-0172		Threaded Brass, Fusible Gate Valves (Morrison Bros. 939) *(23 05 23 00-0171)*		
		Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0173	EA	1/4" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series)	55.27	14.73
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0174	EA	3/8" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series)	56.70	15.55
		For Work In Restricted Working Space, Add	*8.42*	
23 05 23 00-0175	EA	1/2" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series)	88.41	14.73
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0176	EA	3/4" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series)	170.55	19.86
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0177	EA	1" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series)	418.87	24.06
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0178		Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0171)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0179	EA	1-1/2" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	326.45	14.09
23 05 23 00-0180	EA	2" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	353.69	16.65
23 05 23 00-0181	EA	3" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	591.90	26.11
23 05 23 00-0182		Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) *(23 05 23 00-0171)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0183	EA	2" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	482.82	121.98
23 05 23 00-0184	EA	3" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	771.17	143.19
23 05 23 00-0185	EA	4" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,740.05	240.05
23 05 23 00-0186		Solenoid Valves *(23 05 23)*		
23 05 23 00-0187		Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0186)*		
23 05 23 00-0188	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	64.87	9.15
23 05 23 00-0189	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	74.59	9.15
23 05 23 00-0190	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	96.47	10.07
23 05 23 00-0191	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	136.93	11.44
23 05 23 00-0192	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	234.27	14.09
23 05 23 00-0193	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	353.38	16.65
23 05 23 00-0194	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	480.81	22.48
23 05 23 00-0195	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	680.90	26.11
23 05 23 00-0196		Gate Valves *(23 05 23)*		
23 05 23 00-0197		125 LB Threaded, Brazed Or Soldered Bronze Gate Valves *(23 05 23 00-0196)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure. Class 125 (threaded).		
23 05 23 00-0198	EA	1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	38.25	9.15
		For 150 LB Rating, Add	*1.16*	
		For 200 LB Rating, Add	*1.74*	
		For 250 LB Rating, Add	*2.90*	
		For 300 LB Rating, Add	*4.06*	
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0199	EA	3/8" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	39.65	9.15
		For 150 LB Rating, Add	*1.16*	
		For 200 LB Rating, Add	*1.74*	
		For 250 LB Rating, Add	*2.90*	
		For 300 LB Rating, Add	*4.06*	
		For Work In Restricted Working Space, Add	*8.42*	
23 05 23 00-0200	EA	1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	41.12	9.15
		For 150 LB Rating, Add	*1.16*	
		For 200 LB Rating, Add	*1.74*	
		For 250 LB Rating, Add	*2.90*	
		For 300 LB Rating, Add	*4.06*	
		For Work In Restricted Working Space, Add	*8.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0201	EA	3/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	53.63	10.07
		For 150 LB Rating, Add	*1.38*	
		For 200 LB Rating, Add	*2.08*	
		For 250 LB Rating, Add	*3.46*	
		For 300 LB Rating, Add	*4.84*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0202	EA	1" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	69.07	11.44
		For 150 LB Rating, Add	*2.09*	
		For 200 LB Rating, Add	*3.14*	
		For 250 LB Rating, Add	*5.23*	
		For 300 LB Rating, Add	*7.32*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0203	EA	1-1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	89.20	12.17
		For 150 LB Rating, Add	*2.82*	
		For 200 LB Rating, Add	*4.23*	
		For 250 LB Rating, Add	*7.05*	
		For 300 LB Rating, Add	*9.87*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0204	EA	1-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	105.92	14.09
		For 150 LB Rating, Add	*3.55*	
		For 200 LB Rating, Add	*5.33*	
		For 250 LB Rating, Add	*8.88*	
		For 300 LB Rating, Add	*12.44*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0205	EA	2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	131.73	16.65
		For 150 LB Rating, Add	*4.85*	
		For 200 LB Rating, Add	*7.28*	
		For 250 LB Rating, Add	*12.14*	
		For 300 LB Rating, Add	*16.99*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0206	EA	2-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	250.75	22.48
		For 150 LB Rating, Add	*13.84*	
		For 200 LB Rating, Add	*20.77*	
		For 250 LB Rating, Add	*34.61*	
		For 300 LB Rating, Add	*48.45*	
		For Chain Operated Type, Add	*62.30*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0207	EA	3" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	295.07	26.11
		For 150 LB Rating, Add	*16.55*	
		For 200 LB Rating, Add	*24.82*	
		For 250 LB Rating, Add	*41.37*	
		For 300 LB Rating, Add	*57.92*	
		For Chain Operated Type, Add	*74.47*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0208	EA	4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	541.64	29.48
		For 150 LB Rating, Add	*39.42*	
		For 200 LB Rating, Add	*59.14*	
		For 250 LB Rating, Add	*98.56*	
		For 300 LB Rating, Add	*137.98*	
		For Chain Operated Type, Add	*177.41*	
		For Work In Restricted Working Space, Add	*44.22*	

23 05 23 00-0209 200 PSI, Non Rising Stem, Crimped Bronze Gate Valves *(23 05 23 00-0196)*

Note: 200 psi cold working pressure.

23 05 23 00-0210	EA	1/2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	73.05	9.15
		For Work In Restricted Working Space, Add	*6.18*	
23 05 23 00-0211	EA	3/4" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	82.36	10.07
		For Work In Restricted Working Space, Add	*7.04*	
23 05 23 00-0212	EA	1" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	107.36	11.44
		For Work In Restricted Working Space, Add	*8.41*	
23 05 23 00-0213	EA	1-1/4" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	144.07	12.17
		For Work In Restricted Working Space, Add	*9.27*	
23 05 23 00-0214	EA	1-1/2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	166.54	14.09
		For Work In Restricted Working Space, Add	*10.30*	
23 05 23 00-0215	EA	2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	227.32	16.65
		For Work In Restricted Working Space, Add	*12.35*	

23 05 23 00-0216 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0217	EA	1-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	100.71	14.09
		For 150 LB Rating, Add	*6.06*	
		For 250 LB Rating, Add	*10.61*	
		For Chain Operated Type, Add	*10.61*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0218	EA	2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	198.98	16.65
		For 150 LB Rating, Add	*23.16*	
		For 250 LB Rating, Add	*40.53*	
		For Chain Operated Type, Add	*40.53*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0219	EA	2-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	286.45	22.48
		For 150 LB Rating, Add	*34.83*	
		For 250 LB Rating, Add	*60.95*	
		For Chain Operated Type, Add	*60.95*	
		For Work In Restricted Working Space, Add	*33.69*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0220		EA	3" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	358.07	26.11
			For 150 LB Rating, Add	*45.70*	
			For 250 LB Rating, Add	*79.97*	
			For Chain Operated Type, Add	*79.97*	
			For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0221		EA	4" 125 LB Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	762.46	29.48
			For 150 LB Rating, Add	*123.01*	
			For 250 LB Rating, Add	*215.27*	
			For Chain Operated Type, Add	*215.27*	
			For Work In Restricted Working Space, Add	*44.22*	

23 05 23 00-0222 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0223		EA	1-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	281.06	96.09
			For 150 LB Rating, Add	*46.59*	
			For 250 LB Rating, Add	*80.33*	
			For 300 LB Rating, ASTM A182, Add	*220.86*	
			For Chain Operated Type, Add	*80.33*	
			For Work In Restricted Working Space, Add	*36.12*	
23 05 23 00-0224		EA	2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	320.54	121.98
			For 150 LB Rating, Add	*48.73*	
			For 250 LB Rating, Add	*84.02*	
			For 300 LB Rating, ASTM A182, Add	*244.29*	
			For Chain Operated Type, Add	*84.02*	
			For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0225		EA	2-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	354.74	122.13
			For 150 LB Rating, Add	*58.46*	
			For 250 LB Rating, Add	*100.80*	
			For 300 LB Rating, ASTM A182, Add	*278.17*	
			For Chain Operated Type, Add	*100.80*	
			For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0226		EA	3" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	431.20	143.19
			For 150 LB Rating, Add	*73.08*	
			For 250 LB Rating, Add	*126.00*	
			For 300 LB Rating, ASTM A182, Add	*341.60*	
			For Chain Operated Type, Add	*126.00*	
			For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0227		EA	4" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	636.83	240.05
			For 150 LB Rating, Add	*97.44*	
			For 250 LB Rating, Add	*168.01*	
			For 300 LB Rating, ASTM A182, Add	*486.42*	
			For Chain Operated Type, Add	*168.01*	
			For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0228		EA	5" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	759.09	258.26
			For 150 LB Rating, Add	*126.66*	
			For 250 LB Rating, Add	*218.39*	
			For 300 LB Rating, ASTM A182, Add	*597.93*	
			For Chain Operated Type, Add	*218.39*	
			For Work In Restricted Working Space, Add	*96.70*	
23 05 23 00-0229		EA	6" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	897.48	286.95
			For 150 LB Rating, Add	*155.88*	
			For 250 LB Rating, Add	*268.75*	
			For 300 LB Rating, ASTM A182, Add	*717.49*	
			For Chain Operated Type, Add	*268.75*	
			For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0230		EA	8" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,345.85	366.66
			For 150 LB Rating, Add	*258.21*	
			For 250 LB Rating, Add	*445.19*	
			For 300 LB Rating, ASTM A182, Add	*1,118.12*	
			For Chain Operated Type, Add	*445.19*	
			For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0231		EA	10" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,733.85	446.37
			For 150 LB Rating, Add	*341.01*	
			For 250 LB Rating, Add	*587.95*	
			For 300 LB Rating, ASTM A182, Add	*1,454.87*	
			For Chain Operated Type, Add	*587.95*	
			For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0232		EA	12" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,356.25	542.02
			For 150 LB Rating, Add	*487.18*	
			For 250 LB Rating, Add	*839.97*	
			For 300 LB Rating, ASTM A182, Add	*2,018.09*	
			For Chain Operated Type, Add	*839.97*	
			For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0233 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0234		EA	1-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	238.36	14.09
			For 175 LB Rating, Add	*83.99*	
			For 250 LB Rating, Add	*125.98*	
			For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0235		EA	2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	300.33	16.65
			For 175 LB Rating, Add	*108.57*	
			For 250 LB Rating, Add	*162.86*	
			For Work In Restricted Working Space, Add	*24.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0236	EA	2-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	357.16	22.48
		For 175 LB Rating, Add	*122.43*	
		For 250 LB Rating, Add	*183.64*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0237	EA	3" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	399.75	26.11
		For 175 LB Rating, Add	*135.09*	
		For 250 LB Rating, Add	*202.63*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0238	EA	4" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	520.46	29.48
		For 175 LB Rating, Add	*186.53*	
		For 250 LB Rating, Add	*279.80*	
		For Work In Restricted Working Space, Add	*44.22*	

23 05 23 00-0239 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0240	EA	1-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	352.01	96.09
		For 150 LB Rating, Add	*34.74*	
		For 175 LB Rating, Add	*71.80*	
		For 250 LB Rating, Add	*150.55*	
		For Chain Operated Type, Add	*115.81*	
		For Work In Restricted Working Space, Add	*36.12*	
23 05 23 00-0241	EA	2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	391.00	121.98
		For 150 LB Rating, Add	*35.77*	
		For 175 LB Rating, Add	*73.93*	
		For 250 LB Rating, Add	*155.02*	
		For Chain Operated Type, Add	*119.25*	
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0242	EA	2-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	399.42	122.13
		For 150 LB Rating, Add	*36.94*	
		For 175 LB Rating, Add	*76.35*	
		For 250 LB Rating, Add	*160.08*	
		For Chain Operated Type, Add	*123.14*	
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0243	EA	3" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	450.18	143.19
		For 150 LB Rating, Add	*40.65*	
		For 175 LB Rating, Add	*84.00*	
		For 250 LB Rating, Add	*176.13*	
		For Chain Operated Type, Add	*135.49*	
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0244	EA	4" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	629.43	240.05
		For 150 LB Rating, Add	*49.29*	
		For 175 LB Rating, Add	*101.87*	
		For 250 LB Rating, Add	*213.60*	
		For Chain Operated Type, Add	*164.31*	
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0245	EA	5" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	780.81	258.26
		For 150 LB Rating, Add	*68.77*	
		For 175 LB Rating, Add	*142.13*	
		For 250 LB Rating, Add	*298.02*	
		For Chain Operated Type, Add	*229.25*	
		For Work In Restricted Working Space, Add	*96.70*	
23 05 23 00-0246	EA	6" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	883.59	286.95
		For 150 LB Rating, Add	*78.54*	
		For 175 LB Rating, Add	*162.32*	
		For 250 LB Rating, Add	*340.35*	
		For Chain Operated Type, Add	*261.81*	
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0247	EA	8" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,341.04	366.66
		For 150 LB Rating, Add	*132.84*	
		For 175 LB Rating, Add	*274.53*	
		For 250 LB Rating, Add	*575.62*	
		For Chain Operated Type, Add	*442.79*	
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0248	EA	10" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,920.85	446.37
		For 150 LB Rating, Add	*204.43*	
		For 175 LB Rating, Add	*422.50*	
		For 250 LB Rating, Add	*885.88*	
		For Chain Operated Type, Add	*681.45*	
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0249	EA	12" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,403.66	542.02
		For 150 LB Rating, Add	*259.10*	
		For 175 LB Rating, Add	*535.48*	
		For 250 LB Rating, Add	*1,122.77*	
		For Chain Operated Type, Add	*863.67*	
		For Work In Restricted Working Space, Add	*202.90*	
23 05 23 00-0250	EA	14" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,555.27	697.37
		For 150 LB Rating, Add	*552.53*	
		For 175 LB Rating, Add	*1,141.90*	
		For 250 LB Rating, Add	*2,394.31*	
		For Work In Restricted Working Space, Add	*261.52*	
23 05 23 00-0251	EA	16" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,858.37	767.10
		For 150 LB Rating, Add	*734.92*	
		For 175 LB Rating, Add	*1,518.84*	
		For 250 LB Rating, Add	*3,184.67*	
		For Work In Restricted Working Space, Add	*287.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0252	EA	18" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	7,922.86	850.80
		For 150 LB Rating, Add	*1,028.91*	
		For 175 LB Rating, Add	*2,126.40*	
		For 250 LB Rating, Add	*4,458.59*	
		For Work In Restricted Working Space, Add	*319.05*	
23 05 23 00-0253	EA	20" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	10,016.45	958.88
		For 150 LB Rating, Add	*1,322.68*	
		For 175 LB Rating, Add	*2,733.53*	
		For 250 LB Rating, Add	*5,731.60*	
		For Work In Restricted Working Space, Add	*359.58*	
23 05 23 00-0254	EA	24" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	13,635.41	1,176.82
		For 150 LB Rating, Add	*1,824.66*	
		For 175 LB Rating, Add	*3,770.96*	
		For 250 LB Rating, Add	*7,906.86*	
		For Work In Restricted Working Space, Add	*441.30*	
23 05 23 00-0255	EA	30" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	28,246.56	1,917.76
		For 150 LB Rating, Add	*3,877.40*	
		For 175 LB Rating, Add	*8,013.30*	
		For 250 LB Rating, Add	*16,802.08*	
		For Work In Restricted Working Space, Add	*719.16*	
23 05 23 00-0256	EA	36" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	36,040.16	2,557.03
		For 150 LB Rating, Add	*4,926.58*	
		For 175 LB Rating, Add	*10,181.60*	
		For 250 LB Rating, Add	*21,348.52*	
		For Work In Restricted Working Space, Add	*958.88*	

23 05 23 00-0257 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0196)*

Note: 800 psig at 850 degrees F.

23 05 23 00-0258	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	74.79	14.73
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0259	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	77.66	14.73
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0260	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	94.39	19.86
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0261	EA	1" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	114.50	24.06
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0262	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	168.04	30.47
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0263	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	197.78	35.23
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0264	EA	2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	245.80	41.64
		For Work In Restricted Working Space, Add	*24.96*	

23 05 23 00-0265 Cast Steel Flanged Gate Valves *(23 05 23 00-0196)*

23 05 23 00-0266 Class 150, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0265)*

23 05 23 00-0267	EA	2" Class 150, Cast Steel, Flanged, Gate Valve	704.04	121.98
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0268	EA	2-1/2" Class 150, Cast Steel, Flanged, Gate Valve	944.20	122.13
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0269	EA	3" Class 150, Cast Steel, Flanged, Gate Valve	970.27	143.19
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0270	EA	4" Class 150, Cast Steel, Flanged, Gate Valve	1,301.57	240.05
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0271	EA	6" Class 150, Cast Steel, Flanged, Gate Valve	1,875.82	286.95
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0272	EA	8" Class 150, Cast Steel, Flanged, Gate Valve	2,845.21	366.66
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0273	EA	10" Class 150, Cast Steel, Flanged, Gate Valve	4,045.86	446.37
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0274	EA	12" Class 150, Cast Steel, Flanged, Gate Valve	5,137.64	542.02
		For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0275 Class 300, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0265)*

23 05 23 00-0276	EA	2" Class 300, Cast Steel, Flanged, Gate Valve	894.66	121.98
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0277	EA	2-1/2" Class 300, Cast Steel, Flanged, Gate Valve	1,134.97	122.13
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0278	EA	3" Class 300, Cast Steel, Flanged, Gate Valve	1,161.04	143.19
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0279	EA	4" Class 300, Cast Steel, Flanged, Gate Valve	1,687.01	240.05
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0280	EA	6" Class 300, Cast Steel, Flanged, Gate Valve	2,655.82	286.95
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0281	EA	8" Class 300, Cast Steel, Flanged, Gate Valve	3,930.06	366.66
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0282	EA	10" Class 300, Cast Steel, Flanged, Gate Valve	5,043.81	446.37
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0283	EA	12" Class 300, Cast Steel, Flanged, Gate Valve	8,391.47	542.02
		For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0284 Class 600, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0265)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0285	EA	2" Class 600, Cast Steel, Flanged, Gate Valve	1,272.40	121.98
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0286	EA	2-1/2" Class 600, Cast Steel, Flanged, Gate Valve	1,591.19	122.13
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0287	EA	3" Class 600, Cast Steel, Flanged, Gate Valve	1,617.26	143.19
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0288	EA	4" Class 600, Cast Steel, Flanged, Gate Valve	2,451.59	240.05
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0289	EA	6" Class 600, Cast Steel, Flanged, Gate Valve	4,637.69	286.95
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0290	EA	8" Class 600, Cast Steel, Flanged, Gate Valve	9,691.37	366.66
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0291	EA	10" Class 600, Cast Steel, Flanged, Gate Valve	14,359.61	446.37
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0292	EA	12" Class 600, Cast Steel, Flanged, Gate Valve	19,116.59	542.02
		For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0293 Ball Valves *(23 05 23)*

See CSI section 23 23 13 00-0000 for refrigeration valves.

23 05 23 00-0294 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0293)*

Note: 125 LB WSP.

23 05 23 00-0295	EA	1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	34.90	9.15
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*2.42*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0296	EA	3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	48.06	10.07
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*3.72*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0297	EA	1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	59.33	11.44
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*5.03*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0298	EA	1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	79.76	12.17
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*8.44*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0299	EA	1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	94.34	14.09
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*10.78*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0300	EA	2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	113.19	16.65
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*13.50*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0301	EA	2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	253.89	22.48
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*63.71*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0302	EA	3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	292.94	26.11
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*73.51*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0303	EA	4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	370.11	29.48
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*100.22*	
		For Work In Restricted Working Space, Add	*44.22*	

23 05 23 00-0304 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0293)*

23 05 23 00-0305	EA	1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	36.95	9.15
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0306	EA	1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	40.70	9.15
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0307	EA	3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	55.95	10.07
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0308	EA	1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	69.90	11.44
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0309	EA	1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	98.16	12.17
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0310	EA	1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	117.45	14.09
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0311	EA	2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	147.99	16.65
		For Work In Restricted Working Space, Add	*24.96*	

23 05 23 00-0312 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0293)*

23 05 23 00-0313	EA	4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	912.21	240.05
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0314	EA	6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,485.64	286.95
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0315	EA	8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	3,105.04	366.66
		For Work In Restricted Working Space, Add	*136.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0316		**Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves** *(23 05 23 00-0293)*		
23 05 23 00-0317	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	32.57	9.15
		For True Union Socket Or Thread Type, Add	*2.77*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0318	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	43.30	10.07
		For True Union Socket Or Thread Type, Add	*3.49*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0319	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	53.05	11.44
		For True Union Socket Or Thread Type, Add	*4.48*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0320	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	67.44	12.17
		For True Union Socket Or Thread Type, Add	*5.78*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0321	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	81.57	14.09
		For True Union Socket Or Thread Type, Add	*8.17*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0322	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	97.44	16.65
		For True Union Socket Or Thread Type, Add	*10.07*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0323	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	142.98	22.48
		For True Union Socket Or Thread Type, Add	*18.16*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0324	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	181.73	26.11
		For True Union Socket Or Thread Type, Add	*27.66*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0325	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	247.11	29.48
		For True Union Socket Or Thread Type, Add	*47.62*	
		For Work In Restricted Working Space, Add	*44.22*	
23 05 23 00-0326		**Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves** *(23 05 23 00-0293)*		
23 05 23 00-0327	EA	1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	56.15	13.72
		For Full Port, Add	*7.28*	
		For Work In Restricted Working Space, Add	*11.99*	
23 05 23 00-0328	EA	3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	58.25	13.72
		For Full Port, Add	*7.28*	
		For Work In Restricted Working Space, Add	*12.62*	
23 05 23 00-0329	EA	1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	60.46	13.72
		For Full Port, Add	*7.28*	
		For Work In Restricted Working Space, Add	*13.28*	
23 05 23 00-0330	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	76.84	15.10
		For Full Port, Add	*7.72*	
		For Work In Restricted Working Space, Add	*17.90*	
23 05 23 00-0331	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	97.65	17.15
		For Full Port, Add	*11.43*	
		For Work In Restricted Working Space, Add	*21.67*	
23 05 23 00-0332	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	126.29	18.26
		For Full Port, Add	*15.65*	
		For Work In Restricted Working Space, Add	*27.45*	
23 05 23 00-0333	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	151.83	21.14
		For Full Port, Add	*20.81*	
		For Work In Restricted Working Space, Add	*31.67*	
23 05 23 00-0334	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	200.04	24.98
		For Full Port, Add	*33.87*	
		For Work In Restricted Working Space, Add	*37.43*	
23 05 23 00-0335	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	351.11	33.74
		For Full Port, Add	*82.19*	
		For Work In Restricted Working Space, Add	*50.54*	
23 05 23 00-0336	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	484.41	39.17
		For Full Port, Add	*130.51*	
		For Work In Restricted Working Space, Add	*58.31*	
23 05 23 00-0337		**Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valves** *(23 05 23 00-0293)*		
23 05 23 00-0338	EA	1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	54.91	9.15
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0339	EA	3/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	76.15	10.07
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0340	EA	1" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	96.64	11.44
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0341	EA	1-1/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	130.84	12.17
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0342	EA	1-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	163.87	14.09
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0343	EA	2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	214.76	16.65
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0344	EA	2-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	397.96	22.48
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0345	EA	3" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	527.75	26.11
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0346		**Crimped Bronze, Ball Valves** *(23 05 23 00-0293)*		
23 05 23 00-0347		**Crimped Bronze, 250 PSI, Ball Valves** *(23 05 23 00-0346)*		
		Note: Nibco®		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0348	EA	1/2" Crimped Bronze, 250 PSI, Ball Valve	52.28	9.15
		For Work In Restricted Working Space, Add	*6.18*	
23 05 23 00-0349	EA	3/4" Crimped Bronze, 250 PSI, Ball Valve	66.63	10.07
		For Work In Restricted Working Space, Add	*7.04*	
23 05 23 00-0350	EA	1" Crimped Bronze, 250 PSI, Ball Valve	84.86	11.44
		For Work In Restricted Working Space, Add	*8.41*	
23 05 23 00-0351	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve	132.54	12.17
		For Work In Restricted Working Space, Add	*9.27*	
23 05 23 00-0352	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve	173.12	14.09
		For Work In Restricted Working Space, Add	*10.30*	
23 05 23 00-0353	EA	2" Crimped Bronze, 250 PSI, Ball Valve	257.58	16.65
		For Work In Restricted Working Space, Add	*12.35*	

23 05 23 00-0354 Crimped Bronze, 200 PSI, Full Port Ball Valves *(23 05 23 00-0346)*

23 05 23 00-0355	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	51.09	9.15
23 05 23 00-0356	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	66.32	10.07
23 05 23 00-0357	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	80.80	11.44
23 05 23 00-0358	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	116.64	12.17
23 05 23 00-0359	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	153.04	14.09
23 05 23 00-0360	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	230.81	16.65

23 05 23 00-0361 Crimped Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0346)*

23 05 23 00-0362	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	60.16	9.15
23 05 23 00-0363	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	72.92	10.07
23 05 23 00-0364	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	91.35	11.44
23 05 23 00-0365	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	149.61	12.17
23 05 23 00-0366	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	223.95	14.09
23 05 23 00-0367	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	313.25	16.65

23 05 23 00-0368 Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0346)*

23 05 23 00-0369	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	57.69	9.15
23 05 23 00-0370	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	70.61	10.07
23 05 23 00-0371	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	86.07	11.44

23 05 23 00-0372 Globe Valves *(23 05 23)*

23 05 23 00-0373 Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0372)*

23 05 23 00-0374	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	42.73	9.15
		For 150 LB Rating, Add	*4.10*	
		For 200 LB Rating, Add	*5.02*	
		For 250 LB Rating, Add	*5.94*	
		For 300 LB Rating, Add	*7.27*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0375	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	39.86	9.15
		For 150 LB Rating, Add	*4.10*	
		For 200 LB Rating, Add	*5.02*	
		For 250 LB Rating, Add	*5.94*	
		For 300 LB Rating, Add	*7.27*	
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0376	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	47.76	9.15
		For 150 LB Rating, Add	*6.11*	
		For 200 LB Rating, Add	*7.49*	
		For 250 LB Rating, Add	*8.87*	
		For 300 LB Rating, Add	*10.84*	
		For Work In Restricted Working Space, Add	*8.42*	
23 05 23 00-0377	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	49.23	9.15
		For 150 LB Rating, Add	*6.11*	
		For 200 LB Rating, Add	*7.49*	
		For 250 LB Rating, Add	*8.87*	
		For 300 LB Rating, Add	*10.84*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*33.49*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0378	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	61.16	9.61
		For 150 LB Rating, Add	*6.62*	
		For 200 LB Rating, Add	*8.12*	
		For 250 LB Rating, Add	*9.62*	
		For 300 LB Rating, Add	*11.75*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*39.42*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0379	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	77.04	9.61
		For 150 LB Rating, Add	*8.95*	
		For 200 LB Rating, Add	*10.97*	
		For 250 LB Rating, Add	*13.00*	
		For 300 LB Rating, Add	*15.88*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*51.03*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0380	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	110.89	12.17
		For 150 LB Rating, Add	*15.46*	
		For 200 LB Rating, Add	*18.95*	
		For 250 LB Rating, Add	*22.45*	
		For 300 LB Rating, Add	*27.43*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*79.27*	
		For Work In Restricted Working Space, Add	*18.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0381	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	141.67	14.09
		For 150 LB Rating, Add	*22.10*	
		For 200 LB Rating, Add	*27.09*	
		For 250 LB Rating, Add	*32.08*	
		For 300 LB Rating, Add	*39.20*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*106.56*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0382	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	166.99	16.65
		For 150 LB Rating, Add	*25.98*	
		For 200 LB Rating, Add	*31.84*	
		For 250 LB Rating, Add	*37.71*	
		For 300 LB Rating, Add	*46.09*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*125.46*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0383	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	196.80	22.48
		For 150 LB Rating, Add	*26.19*	
		For 200 LB Rating, Add	*32.11*	
		For 250 LB Rating, Add	*38.02*	
		For 300 LB Rating, Add	*46.47*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0384	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	318.87	26.11
		For 150 LB Rating, Add	*58.68*	
		For 200 LB Rating, Add	*71.93*	
		For 250 LB Rating, Add	*85.18*	
		For 300 LB Rating, Add	*104.11*	
		For Work In Restricted Working Space, Add	*38.87*	

23 05 23 00-0385 Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0372)*

23 05 23 00-0386	EA	2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	230.42	16.65
		For 150 LB Rating, Add	*45.64*	
		For 200 LB Rating, Add	*55.95*	
		For 250 LB Rating, Add	*66.25*	
		For 300 LB Rating, Add	*80.98*	
		For Chain Operated Type, Add	*122.94*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0387	EA	2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	290.78	22.48
		For 150 LB Rating, Add	*55.33*	
		For 200 LB Rating, Add	*67.82*	
		For 250 LB Rating, Add	*80.31*	
		For 300 LB Rating, Add	*98.16*	
		For Chain Operated Type, Add	*149.02*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0388	EA	3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	343.74	26.11
		For 150 LB Rating, Add	*66.39*	
		For 200 LB Rating, Add	*81.38*	
		For 250 LB Rating, Add	*96.37*	
		For 300 LB Rating, Add	*117.79*	
		For Chain Operated Type, Add	*178.82*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0389	EA	4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	432.90	29.48
		For 150 LB Rating, Add	*88.52*	
		For 200 LB Rating, Add	*108.51*	
		For 250 LB Rating, Add	*128.49*	
		For 300 LB Rating, Add	*157.05*	
		For Chain Operated Type, Add	*238.43*	
		For Work In Restricted Working Space, Add	*44.21*	

23 05 23 00-0390 Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0372)*

23 05 23 00-0391	EA	2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	290.15	121.98
		For 150 LB Rating, Add	*42.67*	
		For 250 LB Rating, Add	*61.94*	
		For Chain Operated Type, Add	*68.82*	
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0392	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	320.94	122.13
		For 150 LB Rating, Add	*52.02*	
		For 250 LB Rating, Add	*75.51*	
		For Chain Operated Type, Add	*83.90*	
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0393	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	380.56	143.19
		For 150 LB Rating, Add	*62.42*	
		For 250 LB Rating, Add	*90.61*	
		For Chain Operated Type, Add	*100.68*	
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0394	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	569.29	240.05
		For 150 LB Rating, Add	*83.23*	
		For 250 LB Rating, Add	*120.81*	
		For Chain Operated Type, Add	*134.24*	
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0395	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	695.66	258.26
		For 150 LB Rating, Add	*115.74*	
		For 250 LB Rating, Add	*168.00*	
		For Chain Operated Type, Add	*186.67*	
		For Work In Restricted Working Space, Add	*96.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0396	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	831.90	286.95
		For 150 LB Rating, Add	*146.30*	
		For 250 LB Rating, Add	*212.36*	
		For Chain Operated Type, Add	*235.96*	
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0397	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,181.18	366.66
		For 150 LB Rating, Add	*224.97*	
		For 250 LB Rating, Add	*326.57*	
		For Chain Operated Type, Add	*362.86*	
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0398	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,663.31	446.37
		For 150 LB Rating, Add	*342.66*	
		For 250 LB Rating, Add	*497.41*	
		For Chain Operated Type, Add	*552.68*	
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0399	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,767.94	542.02
		For 150 LB Rating, Add	*648.40*	
		For 250 LB Rating, Add	*941.23*	
		For Chain Operated Type, Add	*1,045.81*	
		For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0400 Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves *(23 05 23 00-0372)*

23 05 23 00-0401	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	39.52	9.15
		For 150 LB Rating, Add	*3.10*	
		For 200 LB Rating, Add	*3.80*	
		For 300 LB Rating, Add	*5.50*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0402	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	36.65	9.15
		For 150 LB Rating, Add	*3.10*	
		For 200 LB Rating, Add	*3.80*	
		For 300 LB Rating, Add	*5.50*	
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0403	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	38.05	9.15
		For 150 LB Rating, Add	*3.10*	
		For 200 LB Rating, Add	*3.80*	
		For 300 LB Rating, Add	*5.50*	
		For Work In Restricted Working Space, Add	*8.42*	
23 05 23 00-0404	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	40.19	9.15
		For 150 LB Rating, Add	*3.31*	
		For 200 LB Rating, Add	*4.05*	
		For 300 LB Rating, Add	*5.87*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0405	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	54.59	9.61
		For 150 LB Rating, Add	*4.59*	
		For 200 LB Rating, Add	*5.62*	
		For 300 LB Rating, Add	*8.14*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0406	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	67.58	9.61
		For 150 LB Rating, Add	*6.02*	
		For 200 LB Rating, Add	*7.38*	
		For 300 LB Rating, Add	*10.68*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0407	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	89.85	12.17
		For 150 LB Rating, Add	*8.94*	
		For 200 LB Rating, Add	*10.96*	
		For 300 LB Rating, Add	*15.86*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0408	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	104.02	14.09
		For 150 LB Rating, Add	*10.43*	
		For 200 LB Rating, Add	*12.78*	
		For 300 LB Rating, Add	*18.50*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0409	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	133.84	16.65
		For 150 LB Rating, Add	*15.70*	
		For 200 LB Rating, Add	*19.25*	
		For 300 LB Rating, Add	*27.86*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0410	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	213.38	24.44
		For 150 LB Rating, Add	*28.32*	
		For 200 LB Rating, Add	*34.72*	
		For 300 LB Rating, Add	*50.25*	
		For Work In Restricted Working Space, Add	*36.60*	
23 05 23 00-0411	EA	3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	295.50	28.37
		For 150 LB Rating, Add	*47.97*	
		For 200 LB Rating, Add	*58.80*	
		For 300 LB Rating, Add	*85.10*	
		For Work In Restricted Working Space, Add	*42.23*	

23 05 23 00-0412 Flanged, 125 LB, Iron Body, Angle Globe Valves *(23 05 23 00-0372)*

23 05 23 00-0413	EA	2" Flanged, 125 LB, Iron Body, Angle Globe Valve	506.65	121.98
		For 250 LB Rating, Add	*212.48*	
		For Chain Operated Type, Add	*138.11*	
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0414	EA	2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	571.97	122.13
		For 250 LB Rating, Add	*251.30*	
		For Chain Operated Type, Add	*163.34*	
		For Work In Restricted Working Space, Add	*45.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0415	EA	3" Flanged, 125 LB, Iron Body, Angle Globe Valve	672.76	143.19
		For 250 LB Rating, Add	*296.13*	
		For Chain Operated Type, Add	*192.48*	
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0416	EA	4" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,005.76	240.05
		For 250 LB Rating, Add	*422.96*	
		For Chain Operated Type, Add	*274.93*	
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0417	EA	5" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,585.70	258.26
		For 250 LB Rating, Add	*758.03*	
		For Chain Operated Type, Add	*492.72*	
		For Work In Restricted Working Space, Add	*96.70*	
23 05 23 00-0418	EA	6" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,623.36	286.95
		For 250 LB Rating, Add	*758.03*	
		For Chain Operated Type, Add	*492.72*	
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0419	EA	8" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,928.15	366.66
		For 250 LB Rating, Add	*1,483.61*	
		For Chain Operated Type, Add	*964.35*	
		For Work In Restricted Working Space, Add	*136.64*	

23 05 23 00-0420 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0372)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0421	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	90.64	14.83
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0422	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	93.51	14.83
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0423	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	112.58	19.95
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0424	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	138.57	24.06
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0425	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	215.99	30.47
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0426	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	257.66	35.23
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0427	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	324.47	41.64
		For Work In Restricted Working Space, Add	*24.96*	

23 05 23 00-0428 Check Valves *(23 05 23)*

23 05 23 00-0429 Iron Body Wafer Type Check Valve *(23 05 23 00-0428)*

23 05 23 00-0430 Single Disk Type *(23 05 23 00-0429)*

23 05 23 00-0431	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	269.82	122.02
		For 150 LB Rating, Add	*24.62*	
		For 200 LB Rating, Add	*29.31*	
		For 300 LB Rating, Add	*35.18*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*83.28*	
23 05 23 00-0432	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	306.84	122.19
		For 150 LB Rating, Add	*32.26*	
		For 200 LB Rating, Add	*38.41*	
		For 300 LB Rating, Add	*46.09*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*99.77*	
23 05 23 00-0433	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	373.48	143.26
		For 150 LB Rating, Add	*40.78*	
		For 200 LB Rating, Add	*48.55*	
		For 300 LB Rating, Add	*58.25*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*123.24*	
23 05 23 00-0434	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	563.96	240.16
		For 150 LB Rating, Add	*55.23*	
		For 200 LB Rating, Add	*65.75*	
		For 300 LB Rating, Add	*78.90*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*178.54*	
23 05 23 00-0435	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	833.30	337.08
		For 150 LB Rating, Add	*86.51*	
		For 200 LB Rating, Add	*102.99*	
		For 300 LB Rating, Add	*123.59*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*269.65*	
23 05 23 00-0436	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,114.98	387.64
		For 150 LB Rating, Add	*132.76*	
		For 200 LB Rating, Add	*158.05*	
		For 300 LB Rating, Add	*189.65*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*381.04*	
23 05 23 00-0437	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,603.93	471.91
		For 150 LB Rating, Add	*212.04*	
		For 200 LB Rating, Add	*252.43*	
		For 300 LB Rating, Add	*302.92*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*573.22*	

23 05 23 00-0438 Twin Disc Type *(23 05 23 00-0429)*

23 05 23 00-0439	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	284.23	122.02
		For 150 LB Rating, Add	*27.65*	
		For 200 LB Rating, Add	*32.92*	
		For 300 LB Rating, Add	*39.50*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*89.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0440	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	311.23	122.19
		For 150 LB Rating, Add	*33.18*	
		For 200 LB Rating, Add	*39.50*	
		For 300 LB Rating, Add	*47.40*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*101.75*	
23 05 23 00-0441	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	363.66	143.26
		For 150 LB Rating, Add	*38.72*	
		For 200 LB Rating, Add	*46.09*	
		For 300 LB Rating, Add	*55.31*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*118.82*	
23 05 23 00-0442	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	535.09	240.16
		For 150 LB Rating, Add	*49.17*	
		For 200 LB Rating, Add	*58.53*	
		For 300 LB Rating, Add	*70.24*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*165.55*	
23 05 23 00-0443	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	798.89	337.08
		For 150 LB Rating, Add	*79.28*	
		For 200 LB Rating, Add	*94.39*	
		For 300 LB Rating, Add	*113.26*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*254.16*	
23 05 23 00-0444	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,058.11	387.64
		For 150 LB Rating, Add	*121.08*	
		For 200 LB Rating, Add	*144.14*	
		For 300 LB Rating, Add	*172.97*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*355.76*	
23 05 23 00-0445	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,503.24	42.13
		For 150 LB Rating, Add	*191.75*	
		For 200 LB Rating, Add	*228.28*	
		For 300 LB Rating, Add	*273.93*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*528.93*	
23 05 23 00-0446	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,937.51	573.04
		For 150 LB Rating, Add	*256.91*	
		For 200 LB Rating, Add	*305.84*	
		For 300 LB Rating, Add	*367.01*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*693.34*	
23 05 23 00-0447	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,371.63	662.98
		For 150 LB Rating, Add	*522.41*	
		For 200 LB Rating, Add	*621.92*	
		For 300 LB Rating, Add	*746.30*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,296.24*	
23 05 23 00-0448	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	4,484.37	777.90
		For 150 LB Rating, Add	*737.52*	
		For 200 LB Rating, Add	*878.00*	
		For 300 LB Rating, Add	*1,053.60*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,774.87*	
23 05 23 00-0449	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	5,848.81	866.29
		For 150 LB Rating, Add	*1,001.36*	
		For 200 LB Rating, Add	*1,192.10*	
		For 300 LB Rating, Add	*1,430.52*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,361.86*	
23 05 23 00-0450	EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	6,917.87	972.37
		For 150 LB Rating, Add	*1,197.51*	
		For 200 LB Rating, Add	*1,425.60*	
		For 300 LB Rating, Add	*1,710.72*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,809.18*	
23 05 23 00-0451	EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	8,988.73	1,193.37
		For 150 LB Rating, Add	*1,573.48*	
		For 200 LB Rating, Add	*1,873.20*	
		For 300 LB Rating, Add	*2,247.83*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*3,670.94*	

23 05 23 00-0452 Lift Check Valves *(23 05 23 00-0428)*

23 05 23 00-0453 Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0452)*

Note: Watts #600 series.

23 05 23 00-0454	EA	3/8" Lift Check Valve, Bronze, Threaded	59.05	9.15
23 05 23 00-0455	EA	1/2" Lift Check Valve, Bronze, Threaded	62.39	9.15
23 05 23 00-0456	EA	3/4" Lift Check Valve, Bronze, Threaded	80.73	9.61
23 05 23 00-0457	EA	1" Lift Check Valve, Bronze, Threaded	104.04	9.61
23 05 23 00-0458	EA	1-1/4" Lift Check Valve, Bronze, Threaded	141.10	12.17
23 05 23 00-0459	EA	1-1/2" Lift Check Valve, Bronze, Threaded	169.56	14.09
23 05 23 00-0460	EA	2" Lift Check Valve, Bronze, Threaded	232.30	16.65

23 05 23 00-0461 Bronze Body, Threaded, 300 LB, Lift Check Valves *(23 05 23 00-0452)*

Note: Crane 366E.

23 05 23 00-0462	EA	1/2" Lift Check Valve, Bronze, Threaded, 300 LB	287.00	9.15
23 05 23 00-0463	EA	3/4" Lift Check Valve, Bronze, Threaded, 300 LB	350.77	9.61
23 05 23 00-0464	EA	1" Lift Check Valve, Bronze, Threaded, 300 LB	616.63	9.61
23 05 23 00-0465	EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	820.08	12.17
23 05 23 00-0466	EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	893.01	14.09
23 05 23 00-0467	EA	2" Lift Check Valve, Bronze, Threaded, 300 LB	1,143.21	16.65

23 05 23 00-0468 Iron Body, Flanged, 125 LB Vertical Lift Check Valves *(23 05 23 00-0452)*

Note: Mueller 105MAP.

23 05 23 00-0469	EA	2" Lift Check Valve, Iron Body, Flanged, 125 LB	478.91	121.98
23 05 23 00-0470	EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	661.77	122.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0471	EA	3" Lift Check Valve, Iron Body, Flanged, 125 LB	727.64	143.19
23 05 23 00-0472	EA	4" Lift Check Valve, Iron Body, Flanged, 125 LB	1,037.82	240.05
23 05 23 00-0473	EA	5" Lift Check Valve, Iron Body, Flanged, 125 LB	1,270.39	258.26
23 05 23 00-0474	EA	6" Lift Check Valve, Iron Body, Flanged, 125 LB	1,547.66	286.95
23 05 23 00-0475	EA	8" Lift Check Valve, Iron Body, Flanged, 125 LB	2,629.28	366.66
23 05 23 00-0476	EA	10" Lift Check Valve, Iron Body, Flanged, 125 LB	3,294.90	446.37
23 05 23 00-0477	EA	12" Lift Check Valve, Iron Body, Flanged, 125 LB	5,229.81	542.02
23 05 23 00-0478	EA	14" Lift Check Valve, Iron Body, Flanged, 125 LB	7,075.67	697.37
23 05 23 00-0479	EA	16" Lift Check Valve, Iron Body, Flanged, 125 LB	7,837.55	767.10

23 05 23 00-0480 Bronze Body Swing Check Valves *(23 05 23 00-0428)*

23 05 23 00-0481 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves *(23 05 23 00-0480)*

23 05 23 00-0482	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	45.79	9.15
		For 300 LB Rating, Add	*6.35*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0483	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	42.92	9.15
		For 300 LB Rating, Add	*6.35*	
		For Work In Restricted Working Space, Add	*8.00*	
23 05 23 00-0484	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	44.32	9.15
		For 300 LB Rating, Add	*6.35*	
		For Work In Restricted Working Space, Add	*8.42*	
23 05 23 00-0485	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	46.43	9.15
		For 300 LB Rating, Add	*6.59*	
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0486	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	60.28	9.61
		For 300 LB Rating, Add	*7.99*	
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0487	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	75.98	9.61
		For 300 LB Rating, Add	*10.85*	
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0488	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	100.07	12.17
		For 300 LB Rating, Add	*15.23*	
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0489	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	125.08	14.09
		For 300 LB Rating, Add	*21.33*	
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0490	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	153.51	16.65
		For 300 LB Rating, Add	*27.42*	
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0491	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	273.96	22.48
		For 300 LB Rating, Add	*63.04*	
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0492	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	359.48	26.11
		For 300 LB Rating, Add	*89.66*	
		For Work In Restricted Working Space, Add	*38.87*	
23 05 23 00-0493	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	407.56	29.48
		For 300 LB Rating, Add	*101.46*	
		For Work In Restricted Working Space, Add	*44.22*	

23 05 23 00-0494 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0428)*

23 05 23 00-0495	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	231.34	68.63
		For 150 LB Rating, Add	*98.61*	
		For 250 LB Rating, Add	*188.51*	
		For Work In Restricted Working Space, Add	*25.90*	
23 05 23 00-0496	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	259.23	80.07
		For 150 LB Rating, Add	*108.64*	
		For 250 LB Rating, Add	*207.69*	
		For Work In Restricted Working Space, Add	*29.84*	
23 05 23 00-0497	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	293.67	96.09
		For 150 LB Rating, Add	*117.82*	
		For 250 LB Rating, Add	*225.25*	
		For Work In Restricted Working Space, Add	*36.12*	
23 05 23 00-0498	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	367.71	121.98
		For 150 LB Rating, Add	*146.34*	
		For 250 LB Rating, Add	*279.76*	
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0499	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	404.29	122.13
		For 150 LB Rating, Add	*170.78*	
		For 250 LB Rating, Add	*326.50*	
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0500	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	452.14	143.19
		For 150 LB Rating, Add	*185.59*	
		For 250 LB Rating, Add	*354.81*	
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0501	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	722.61	240.05
		For 150 LB Rating, Add	*286.82*	
		For 250 LB Rating, Add	*548.33*	
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0502	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	941.60	258.26
		For 150 LB Rating, Add	*421.11*	
		For 250 LB Rating, Add	*805.06*	
		For Work In Restricted Working Space, Add	*96.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0503	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,078.00	286.95
		For 150 LB Rating, Add	*488.25*	
		For 250 LB Rating, Add	*933.43*	
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0504	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,248.11	366.66
		For 150 LB Rating, Add	*1,219.00*	
		For 250 LB Rating, Add	*2,330.43*	
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0505	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,998.13	446.37
		For 150 LB Rating, Add	*1,659.32*	
		For 250 LB Rating, Add	*3,172.22*	
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0506	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,481.64	542.02
		For 150 LB Rating, Add	*2,587.62*	
		For 250 LB Rating, Add	*4,946.92*	
		For Work In Restricted Working Space, Add	*202.90*	
23 05 23 00-0507	EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,179.86	697.37
		For 150 LB Rating, Add	*2,929.54*	
		For 250 LB Rating, Add	*5,600.58*	
		For Work In Restricted Working Space, Add	*261.52*	
23 05 23 00-0508	EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	7,233.66	767.10
		For 150 LB Rating, Add	*4,266.85*	
		For 250 LB Rating, Add	*8,157.21*	
		For Work In Restricted Working Space, Add	*287.66*	
23 05 23 00-0509	EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	10,925.68	850.80
		For 150 LB Rating, Add	*6,706.29*	
		For 250 LB Rating, Add	*12,820.85*	
		For Work In Restricted Working Space, Add	*319.05*	
23 05 23 00-0510	EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	14,925.13	958.88
		For 150 LB Rating, Add	*9,334.03*	
		For 250 LB Rating, Add	*17,844.48*	
		For Work In Restricted Working Space, Add	*359.58*	
23 05 23 00-0511	EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	20,687.27	1,176.82
		For 150 LB Rating, Add	*13,067.06*	
		For 250 LB Rating, Add	*24,981.14*	
		For Work In Restricted Working Space, Add	*441.30*	

23 05 23 00-0512 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0428)*

Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0513	EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve	85.88	9.15
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0514	EA	3/4" 800, Threaded, Forged Steel Swing Check Valve	103.78	10.07
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0515	EA	1" Class 800, Threaded, Forged Steel Swing Check Valve	123.30	11.44
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0516	EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	183.90	12.17
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0517	EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve	217.15	14.09
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0518	EA	2" Class 800, Threaded, Forged Steel Swing Check Valve	287.48	16.65
		For Work In Restricted Working Space, Add	*24.96*	

23 05 23 00-0519 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0428)*

23 05 23 00-0520	EA	1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	42.01	9.15
		For Work In Restricted Working Space, Add	*8.86*	
23 05 23 00-0521	EA	3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	52.28	10.07
		For Work In Restricted Working Space, Add	*11.94*	
23 05 23 00-0522	EA	1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	61.14	11.44
		For Work In Restricted Working Space, Add	*14.45*	
23 05 23 00-0523	EA	1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	74.53	12.17
		For Work In Restricted Working Space, Add	*18.30*	
23 05 23 00-0524	EA	1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	84.69	14.09
		For Work In Restricted Working Space, Add	*21.12*	
23 05 23 00-0525	EA	2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	105.42	16.65
		For Work In Restricted Working Space, Add	*24.96*	
23 05 23 00-0526	EA	2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	143.96	22.48
		For Work In Restricted Working Space, Add	*33.69*	
23 05 23 00-0527	EA	3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	170.65	26.11
		For Work In Restricted Working Space, Add	*38.87*	

23 05 23 00-0528 Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(23 05 23 00-0428)*

Note: Nibco®

23 05 23 00-0529	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	93.81	9.15
		For Work In Restricted Working Space, Add	*6.18*	
23 05 23 00-0530	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	118.54	10.07
		For Work In Restricted Working Space, Add	*7.04*	
23 05 23 00-0531	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	162.46	11.44
		For Work In Restricted Working Space, Add	*8.41*	
23 05 23 00-0532	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	214.50	12.17
		For Work In Restricted Working Space, Add	*9.27*	
23 05 23 00-0533	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	255.09	14.09
		For Work In Restricted Working Space, Add	*10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0534	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	362.50	16.65
		For Work In Restricted Working Space, Add	*12.35*	

23 05 23 00-0535 Crimped Bronze, 250 PSI, In-Line, Check Valves *(23 05 23 00-0428)*

23 05 23 00-0536	EA	1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	44.13	9.15
23 05 23 00-0537	EA	3/4" Crimped Bronze, 200 PSI, In-Line Check Valve	53.58	10.07
23 05 23 00-0538	EA	1" Crimped Bronze, 200 PSI, In-Line Check Valve	62.75	11.44
23 05 23 00-0539	EA	1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve	81.10	12.17
23 05 23 00-0540	EA	1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	105.60	14.09
23 05 23 00-0541	EA	2" Crimped Bronze, 200 PSI, In-Line Check Valve	170.90	16.65

23 05 23 00-0542 Diaphragm Valves *(23 05 23)*

23 05 23 00-0543 Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0542)*

23 05 23 00-0544	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	132.93	27.38
23 05 23 00-0545	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	165.61	30.32
23 05 23 00-0546	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	184.20	37.48
23 05 23 00-0547	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	289.10	56.01
23 05 23 00-0548	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	442.32	67.38

23 05 23 00-0549 Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0542)*

23 05 23 00-0550	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	165.30	43.92
23 05 23 00-0551	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	190.32	45.75
23 05 23 00-0552	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	229.67	68.63
23 05 23 00-0553	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	343.36	96.09
23 05 23 00-0554	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	530.19	121.98
23 05 23 00-0555	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	659.95	122.13
23 05 23 00-0556	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	815.13	143.19
23 05 23 00-0557	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,173.78	240.05
23 05 23 00-0558	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,315.74	286.95
23 05 23 00-0559	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	3,556.82	366.66

23 05 23 00-0560 Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0542)*

23 05 23 00-0561	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	92.21	27.38
23 05 23 00-0562	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	115.24	30.32
23 05 23 00-0563	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	133.83	37.48
23 05 23 00-0564	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	220.50	56.01
23 05 23 00-0565	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	282.62	67.38

23 05 23 00-0566 Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0542)*

23 05 23 00-0567	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	117.47	43.92
23 05 23 00-0568	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	136.86	45.75
23 05 23 00-0569	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	176.20	68.63
23 05 23 00-0570	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	270.56	96.09
23 05 23 00-0571	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	360.69	121.98
23 05 23 00-0572	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	424.56	122.13
23 05 23 00-0573	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	513.67	143.19
23 05 23 00-0574	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	818.43	240.05

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0575	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,519.61	286.95
23 05 23 00-0576	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,294.10	366.66
23 05 23 00-0577		125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0542)*		
23 05 23 00-0578	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	213.56	68.63
23 05 23 00-0579	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	337.45	96.09
23 05 23 00-0580	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	450.01	121.98
23 05 23 00-0581	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	617.16	122.13
23 05 23 00-0582	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	686.26	143.19
23 05 23 00-0583	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,084.79	240.05
23 05 23 00-0584	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	2,062.62	286.95
23 05 23 00-0585	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	4,163.85	366.66
23 05 23 00-0586		Flow Control Valves And Meters *(23 05 23)*		
23 05 23 00-0587		Conditioned Water Balancing Valves *(23 05 23 00-0586)* Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0588	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	94.76	46.69
23 05 23 00-0589	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	117.47	62.24
23 05 23 00-0590	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	170.16	71.12
23 05 23 00-0591	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	219.62	87.88
23 05 23 00-0592	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	249.51	93.37
23 05 23 00-0593	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	325.68	106.74
23 05 23 00-0594	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	609.98	185.73
23 05 23 00-0595	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	826.40	212.27
23 05 23 00-0596	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,006.81	143.26
23 05 23 00-0597	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,267.35	240.16
23 05 23 00-0598	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,489.50	303.37
23 05 23 00-0599	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,477.95	387.64
23 05 23 00-0600	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,111.06	471.91
23 05 23 00-0601		Read Out Meters *(23 05 23 00-0586)* Note: For use with conditioned portable water balancing valves.		
23 05 23 00-0602	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	502.11	
23 05 23 00-0603	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50	
23 05 23 00-0604	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50	
23 05 23 00-0605	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50	
23 05 23 00-0606		Balancing Valves *(23 05 23)*		
23 05 23 00-0607		Balancing Valves With Lever *(23 05 23 00-0606)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0608	EA	1/2" Threaded Balancing Valve With Lever	152.09	28.83
23 05 23 00-0609	EA	3/4" Threaded Balancing Valve With Lever	173.60	37.99
23 05 23 00-0610	EA	1" Threaded Balancing Valve With Lever	186.89	43.48
23 05 23 00-0611	EA	1-1/4" Threaded Balancing Valve With Lever	215.90	54.00
23 05 23 00-0612	EA	1-1/2" Threaded Balancing Valve With Lever	231.21	57.21
23 05 23 00-0613	EA	2" Threaded Balancing Valve With Lever	257.28	65.45
23 05 23 00-0614	EA	2-1/2" Flanged Balancing Valve With Lever	398.94	122.19
23 05 23 00-0615	EA	3" Flanged Balancing Valve With Lever	456.65	143.26
23 05 23 00-0616	EA	4" Flanged Balancing Valve With Lever	703.60	240.16
23 05 23 00-0617	EA	5" Flanged Balancing Valve With Lever	1,020.76	273.03
23 05 23 00-0618	EA	6" Flanged Balancing Valve With Lever	1,060.56	303.37
23 05 23 00-0619	EA	8" Flanged Balancing Valve With Lever	1,425.50	387.64
23 05 23 00-0620		Balancing Valves With Nut *(23 05 23 00-0606)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0621	EA	4" Flanged Balancing Valve With Nut	671.97	240.16
23 05 23 00-0622	EA	5" Flanged Balancing Valve With Nut	980.62	273.03
23 05 23 00-0623	EA	6" Flanged Balancing Valve With Nut	1,020.42	303.37
23 05 23 00-0624	EA	8" Flanged Balancing Valve With Nut	1,369.54	387.64
23 05 23 00-0625		Balancing Valves With Hand Wheel *(23 05 23 00-0606)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0626	EA	4" Flanged Balancing Valve With Hand Wheel	909.18	240.16
23 05 23 00-0627	EA	5" Flanged Balancing Valve With Hand Wheel	1,229.99	273.03
23 05 23 00-0628	EA	6" Flanged Balancing Valve With Hand Wheel	1,269.79	303.37
23 05 23 00-0629	EA	8" Flanged Balancing Valve With Hand Wheel	1,642.02	387.64
23 05 23 00-0630	EA	10" Flanged Balancing Valve With Hand Wheel	2,407.24	471.91
23 05 23 00-0631	EA	12" Flanged Balancing Valve With Hand Wheel	3,129.42	375.07
23 05 23 00-0632	EA	14" Flanged Balancing Valve With Hand Wheel	4,197.55	707.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0633		**Balancing Valves With Chain Wheel** *(23 05 23 00-0606)* Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0634	EA	4" Flanged Balancing Valve With Chain Wheel	1,038.12	240.16
23 05 23 00-0635	EA	5" Flanged Balancing Valve With Chain Wheel	1,360.15	273.03
23 05 23 00-0636	EA	6" Flanged Balancing Valve With Chain Wheel	1,399.95	303.37
23 05 23 00-0637	EA	8" Flanged Balancing Valve With Chain Wheel	1,770.97	387.64
23 05 23 00-0638	EA	10" Flanged Balancing Valve With Chain Wheel	2,537.40	471.91
23 05 23 00-0639	EA	12" Flanged Balancing Valve With Chain Wheel	3,289.00	374.81
23 05 23 00-0640	EA	14" Flanged Balancing Valve With Chain Wheel	4,355.69	707.18
23 05 23 00-0641		**Calibrated Balancing Valves** *(23 05 23 00-0606)* Note: Bell & Gossett CB Series.		
23 05 23 00-0642	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	78.59	9.16
23 05 23 00-0643	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	93.76	10.07
23 05 23 00-0644	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	114.41	11.44
23 05 23 00-0645	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	153.01	12.18
23 05 23 00-0646	EA	1" Threaded Calibrated Balancing Valve (CB-1)	121.15	11.44
23 05 23 00-0647	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	164.66	12.18
23 05 23 00-0648	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	191.22	14.10
23 05 23 00-0649	EA	2" Threaded Calibrated Balancing Valve (CB-2)	254.92	16.66
23 05 23 00-0650	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	465.43	24.45
23 05 23 00-0651	EA	3" Threaded Calibrated Balancing Valve (CB-3)	646.69	28.38
23 05 23 00-0652	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	620.23	132.73
23 05 23 00-0653	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	884.65	155.62
23 05 23 00-0654	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	1,390.86	260.89
23 05 23 00-0655	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	1,973.74	296.58
23 05 23 00-0656	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	2,575.01	329.54
23 05 23 00-0657	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	4,585.69	421.08
23 05 23 00-0658	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	6,343.74	495.02
23 05 23 00-0659	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	13,179.25	601.11
23 05 23 00-0660	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	1,549.99	31.50
23 05 23 00-0661	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	1,789.87	40.65
23 05 23 00-0662	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	2,377.70	52.13
23 05 23 00-0663	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	4,434.33	66.16
23 05 23 00-0664	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	5,953.57	74.13
23 05 23 00-0665	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	12,226.10	90.39
23 05 23 00-0666		**Butterfly Valves** *(23 05 23)*		
23 05 23 00-0667		**Cast Iron Body, Iron Disc, Butterfly Valves** *(23 05 23 00-0666)* Note: With on-off handle, 150 PSI wafer type.		
23 05 23 00-0668	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	236.20	121.98
		For 200 PSI, Add	*40.17*	
		For Work In Restricted Working Space, Add	*45.75*	
23 05 23 00-0669	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	241.70	122.13
		For 200 PSI, Add	*42.51*	
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0670	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	274.58	143.19
		For 200 PSI, Add	*45.78*	
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0671	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	420.52	240.05
		For 200 PSI, Add	*57.46*	
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0672	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	530.28	286.95
		For 200 PSI, Add	*81.74*	
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0673	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	606.80	318.84
		For 200 PSI, Add	*99.96*	
		For Work In Restricted Working Space, Add	*119.57*	
23 05 23 00-0674	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	768.82	366.66
		For 200 PSI, Add	*150.41*	
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0675	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,165.21	446.37
		For 200 PSI, Add	*291.48*	
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0676	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,449.98	542.02
		For 200 PSI, Add	*371.36*	
		For Work In Restricted Working Space, Add	*202.90*	
23 05 23 00-0677		**Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve** *(23 05 23 00-0666)*		
23 05 23 00-0678	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	666.77	24.44
		For Work In Restricted Working Space, Add	*14.41*	
23 05 23 00-0679	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	723.52	28.37
		For Work In Restricted Working Space, Add	*17.16*	
23 05 23 00-0680	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	905.75	32.03
		For Work In Restricted Working Space, Add	*22.65*	
23 05 23 00-0681		**Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Butterfly Valves** *(23 05 23 00-0666)*		
23 05 23 00-0682	EA	2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	382.17	121.98
		For Work In Restricted Working Space, Add	*45.75*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0683	EA	2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	384.75	122.13
		For Work In Restricted Working Space, Add	*45.94*	
23 05 23 00-0684	EA	3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	422.50	143.19
		For Work In Restricted Working Space, Add	*53.76*	
23 05 23 00-0685	EA	4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	575.25	240.05
		For Work In Restricted Working Space, Add	*90.25*	
23 05 23 00-0686	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	701.56	286.95
		For Work In Restricted Working Space, Add	*107.99*	
23 05 23 00-0687	EA	6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	777.05	318.84
		For Work In Restricted Working Space, Add	*119.57*	
23 05 23 00-0688	EA	8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	945.94	366.66
		For Work In Restricted Working Space, Add	*136.64*	
23 05 23 00-0689	EA	10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,191.48	446.37
		For Work In Restricted Working Space, Add	*167.39*	
23 05 23 00-0690	EA	12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,596.92	542.02
		For Work In Restricted Working Space, Add	*202.90*	

23 05 23 00-0691 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Butterfly Valves *(23 05 23 00-0666)*

23 05 23 00-0692	EA	14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	2,515.10	653.78
		For 200 PSI, Add	*591.62*	
		For Work In Restricted Working Space, Add	*261.52*	
23 05 23 00-0693	EA	16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	3,166.74	767.10
		For 200 PSI, Add	*794.83*	
		For Work In Restricted Working Space, Add	*287.66*	
23 05 23 00-0694	EA	18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	4,345.76	854.28
		For 200 PSI, Add	*1,180.92*	
		For Work In Restricted Working Space, Add	*319.63*	
23 05 23 00-0695	EA	20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	5,537.25	958.88
		For 200 PSI, Add	*1,561.91*	
		For Work In Restricted Working Space, Add	*359.58*	
23 05 23 00-0696	EA	24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	7,399.27	1,176.82
		For 200 PSI, Add	*2,132.66*	
		For Work In Restricted Working Space, Add	*442.56*	
23 05 23 00-0697	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	15,258.21	1,997.08
		For 200 PSI, Add	*4,577.93*	
		For Work In Restricted Working Space, Add	*762.52*	
23 05 23 00-0698	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	19,334.31	2,723.28
		For 200 PSI, Add	*5,816.57*	
		For Work In Restricted Working Space, Add	*953.15*	

23 05 29 Hangers And Supports For HVAC Piping And Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	17.02	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	18.71	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	19.66	8.42
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	20.44	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	20.69	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	21.67	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	24.03	9.60
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	25.82	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	26.91	11.10
		For Work In Restricted Working Space, Add	*6.35*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	29.69	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	38.23	14.11
		For Work In Restricted Working Space, Add	*8.47*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	46.05	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	62.57	21.06
		For Work In Restricted Working Space, Add	*12.63*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	92.62	28.63
		For Work In Restricted Working Space, Add	*16.85*	
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	109.12	31.58
		For Work In Restricted Working Space, Add	*18.95*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	137.15	35.38
		For Work In Restricted Working Space, Add	*21.73*	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	172.08	42.11
		For Work In Restricted Working Space, Add	*25.27*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	214.41	52.65
		For Work In Restricted Working Space, Add	*31.59*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	355.63	63.18
		For Work In Restricted Working Space, Add	*37.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	552.43	73.70
		For Work In Restricted Working Space, Add	*44.22*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	21.97	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	23.66	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	24.72	8.42
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	25.60	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.23	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.90	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.42	9.60
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.00	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	35.83	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	40.01	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	67.32	14.11
		For Work In Restricted Working Space, Add	*8.47*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	83.68	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	99.25	21.06
		For Work In Restricted Working Space, Add	*12.63*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	16.84	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	18.57	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	19.63	8.42
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.16	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.30	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.90	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.02	9.60
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.10	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	27.13	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	28.11	11.80
		For Work In Restricted Working Space, Add	*6.74*	

23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	24.75	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	25.70	8.42
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	26.20	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	27.18	9.12
		For Work In Restricted Working Space, Add	*5.47*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.32	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.58	9.60
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.23	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	40.15	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	50.68	14.11
		For Work In Restricted Working Space, Add	*8.47*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	62.76	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	89.98	21.06
		For Work In Restricted Working Space, Add	*12.63*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	126.94	28.63
		For Work In Restricted Working Space, Add	*16.85*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	142.57	31.58
		For Work In Restricted Working Space, Add	*18.95*	

23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	30.48	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	32.67	9.60
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	34.46	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.04	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.50	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	50.23	14.11
		For Work In Restricted Working Space, Add	*8.47*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	58.48	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	78.12	21.06
		For Work In Restricted Working Space, Add	*12.63*	

23 05 29 00-0072 Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT) *(23 05 29 00-0002)*

23 05 29 00-0073	EA	1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	18.43	7.79
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0074	EA	3/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	19.70	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0075	EA	1" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	20.58	8.42
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0076	EA	1-1/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	21.21	8.71
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0077	EA	1-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	21.65	8.98
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0078	EA	2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	22.47	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0079	EA	2-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	24.52	9.68
		For Work In Restricted Working Space, Add	*5.74*	
23 05 29 00-0080	EA	3" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	27.46	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0081	EA	3-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	29.67	10.95
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0082	EA	4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	31.39	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0083	EA	5" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	38.77	14.32
		For Work In Restricted Working Space, Add	*8.10*	
23 05 29 00-0084	EA	6" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	50.56	16.85
		For Work In Restricted Working Space, Add	*10.11*	

23 05 29 00-0085 Adjustable Hangers *(23 05 29 00-0001)*

23 05 29 00-0086 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0085)*

Note: Type 5.

23 05 29 00-0087	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	15.71	6.67
		For Work In Restricted Working Space, Add	*4.00*	
23 05 29 00-0088	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	17.18	7.39
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0089	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	18.79	8.21
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0090	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	20.71	9.12
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0091	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.76	9.58
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0092	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.42	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0093	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	27.38	10.49
		For Work In Restricted Working Space, Add	*6.30*	
23 05 29 00-0094	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	28.61	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0095	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	34.39	12.32
		For Work In Restricted Working Space, Add	*7.39*	

23 05 29 00-0096 Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0085)*

Note: Type 10.

23 05 29 00-0097	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	17.94	8.42
		For Work In Restricted Working Space, Add	*5.06*	
		For 304 Stainless Steel, Add	*7.19*	
		For 316 Stainless Steel, Add	*9.27*	
23 05 29 00-0098	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	18.92	8.42
		For Work In Restricted Working Space, Add	*5.32*	
		For 304 Stainless Steel, Add	*7.85*	
		For 316 Stainless Steel, Add	*10.12*	
23 05 29 00-0099	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	19.91	9.27
		For Work In Restricted Working Space, Add	*5.62*	
		For 304 Stainless Steel, Add	*7.85*	
		For 316 Stainless Steel, Add	*10.12*	
23 05 29 00-0100	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	21.15	10.10
		For Work In Restricted Working Space, Add	*5.95*	
		For 304 Stainless Steel, Add	*8.78*	
		For 316 Stainless Steel, Add	*11.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0101	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.79	11.80
		For Work In Restricted Working Space, Add	*6.74*	
		For 304 Stainless Steel, Add	*8.78*	
		For 316 Stainless Steel, Add	*11.31*	
23 05 29 00-0102	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	25.46	11.80
		For Work In Restricted Working Space, Add	*7.22*	
		For 304 Stainless Steel, Add	*9.24*	
		For 316 Stainless Steel, Add	*11.90*	
23 05 29 00-0103	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	28.20	12.63
		For Work In Restricted Working Space, Add	*7.78*	
		For 304 Stainless Steel, Add	*15.05*	
		For 316 Stainless Steel, Add	*19.38*	
23 05 29 00-0104	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	30.47	14.32
		For Work In Restricted Working Space, Add	*8.42*	
		For 304 Stainless Steel, Add	*15.77*	
		For 316 Stainless Steel, Add	*20.32*	
23 05 29 00-0105	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	33.95	15.37
		For Work In Restricted Working Space, Add	*9.23*	
		For 304 Stainless Steel, Add	*21.12*	
		For 316 Stainless Steel, Add	*27.20*	
23 05 29 00-0106	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	36.90	16.85
		For Work In Restricted Working Space, Add	*10.11*	
		For 304 Stainless Steel, Add	*21.12*	
		For 316 Stainless Steel, Add	*27.20*	
23 05 29 00-0107	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	44.54	18.95
		For Work In Restricted Working Space, Add	*11.37*	
		For 304 Stainless Steel, Add	*43.82*	
		For 316 Stainless Steel, Add	*56.44*	
23 05 29 00-0108	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	48.85	21.06
		For Work In Restricted Working Space, Add	*12.63*	
		For 304 Stainless Steel, Add	*44.48*	
		For 316 Stainless Steel, Add	*57.29*	
23 05 29 00-0109	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	58.53	25.27
		For Work In Restricted Working Space, Add	*15.16*	
		For 304 Stainless Steel, Add	*52.80*	
		For 316 Stainless Steel, Add	*68.00*	

23 05 29 00-0110 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0085)*

23 05 29 00-0111	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	18.48	8.42
		For Work In Restricted Working Space, Add	*5.06*	
		For 304 Stainless Steel, Add	*10.76*	
		For 316 Stainless Steel, Add	*13.86*	
23 05 29 00-0112	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	19.36	8.42
		For Work In Restricted Working Space, Add	*5.32*	
		For 304 Stainless Steel, Add	*10.76*	
		For 316 Stainless Steel, Add	*13.86*	
23 05 29 00-0113	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	20.35	9.27
		For Work In Restricted Working Space, Add	*5.62*	
		For 304 Stainless Steel, Add	*10.76*	
		For 316 Stainless Steel, Add	*13.86*	
23 05 29 00-0114	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	21.45	10.10
		For Work In Restricted Working Space, Add	*5.95*	
		For 304 Stainless Steel, Add	*10.76*	
		For 316 Stainless Steel, Add	*13.86*	
23 05 29 00-0115	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	24.23	11.80
		For Work In Restricted Working Space, Add	*6.74*	
		For 304 Stainless Steel, Add	*11.68*	
		For 316 Stainless Steel, Add	*15.05*	
23 05 29 00-0116	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.83	11.80
		For Work In Restricted Working Space, Add	*7.22*	
		For 304 Stainless Steel, Add	*11.68*	
		For 316 Stainless Steel, Add	*15.05*	
23 05 29 00-0117	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	30.57	12.63
		For Work In Restricted Working Space, Add	*7.78*	
		For 304 Stainless Steel, Add	*30.69*	
		For 316 Stainless Steel, Add	*39.53*	
23 05 29 00-0118	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	33.84	14.32
		For Work In Restricted Working Space, Add	*8.42*	
		For 304 Stainless Steel, Add	*38.02*	
		For 316 Stainless Steel, Add	*48.96*	
23 05 29 00-0119	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	36.97	15.37
		For Work In Restricted Working Space, Add	*9.23*	
		For 304 Stainless Steel, Add	*41.05*	
		For 316 Stainless Steel, Add	*52.87*	
23 05 29 00-0120	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	41.27	16.85
		For Work In Restricted Working Space, Add	*10.11*	
		For 304 Stainless Steel, Add	*49.96*	
		For 316 Stainless Steel, Add	*64.35*	
23 05 29 00-0121	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	45.58	18.95
		For Work In Restricted Working Space, Add	*11.37*	
		For 304 Stainless Steel, Add	*50.69*	
		For 316 Stainless Steel, Add	*65.28*	
23 05 29 00-0122	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	53.22	21.06
		For Work In Restricted Working Space, Add	*12.63*	
		For 304 Stainless Steel, Add	*73.33*	
		For 316 Stainless Steel, Add	*94.44*	

23 05 29 00-0123 Roller Hangers *(23 05 29 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0124		Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0123)*		
		Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0125	EA	2" Single Pipe Roll (Cooper B-Line B3114)	28.96	6.75
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0126	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114)	31.80	7.58
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0127	EA	3" Single Pipe Roll (Cooper B-Line B3114)	35.24	8.85
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0128	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114)	40.59	10.11
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0129	EA	4" Single Pipe Roll (Cooper B-Line B3114)	57.05	11.38
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0130	EA	5" Single Pipe Roll (Cooper B-Line B3114)	49.99	12.64
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0131	EA	6" Single Pipe Roll (Cooper B-Line B3114)	62.42	15.16
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*9.10*	
23 05 29 00-0132	EA	8" Single Pipe Roll (Cooper B-Line B3114)	85.16	17.69
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*10.62*	
23 05 29 00-0133	EA	10" Single Pipe Roll (Cooper B-Line B3114)	100.92	21.07
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*12.64*	
23 05 29 00-0134		Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0123)*		
		Note: Type 43.		
23 05 29 00-0135	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	42.65	11.90
		For Work In Restricted Working Space, Add	*6.87*	
		For 304 Stainless Steel, Add	*130.42*	
		For 316 Stainless Steel, Add	*167.96*	
23 05 29 00-0136	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	44.30	12.27
		For Work In Restricted Working Space, Add	*7.36*	
		For 304 Stainless Steel, Add	*130.42*	
		For 316 Stainless Steel, Add	*167.96*	
23 05 29 00-0137	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	48.20	12.81
		For Work In Restricted Working Space, Add	*7.85*	
		For 304 Stainless Steel, Add	*145.46*	
		For 316 Stainless Steel, Add	*187.34*	
23 05 29 00-0138	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	56.80	13.73
		For Work In Restricted Working Space, Add	*8.24*	
		For 304 Stainless Steel, Add	*193.64*	
		For 316 Stainless Steel, Add	*249.39*	
23 05 29 00-0139	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	59.85	15.56
		For Work In Restricted Working Space, Add	*9.15*	
		For 304 Stainless Steel, Add	*193.64*	
		For 316 Stainless Steel, Add	*249.39*	
23 05 29 00-0140	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	67.75	16.76
		For Work In Restricted Working Space, Add	*10.05*	
		For 304 Stainless Steel, Add	*226.05*	
		For 316 Stainless Steel, Add	*291.13*	
23 05 29 00-0141	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	79.15	18.31
		For Work In Restricted Working Space, Add	*10.98*	
		For 304 Stainless Steel, Add	*280.76*	
		For 316 Stainless Steel, Add	*361.59*	
23 05 29 00-0142	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	109.44	22.89
		For Work In Restricted Working Space, Add	*13.73*	
		For 304 Stainless Steel, Add	*420.22*	
		For 316 Stainless Steel, Add	*541.20*	
23 05 29 00-0143	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	136.88	31.13
		For Work In Restricted Working Space, Add	*18.31*	
		For 304 Stainless Steel, Add	*500.61*	
		For 316 Stainless Steel, Add	*644.73*	
23 05 29 00-0144	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	180.17	34.33
		For Work In Restricted Working Space, Add	*20.60*	
		For 304 Stainless Steel, Add	*735.97*	
		For 316 Stainless Steel, Add	*947.84*	
23 05 29 00-0145	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	387.71	39.36
		For Work In Restricted Working Space, Add	*23.62*	
		For 304 Stainless Steel, Add	*2,039.33*	
		For 316 Stainless Steel, Add	*2,626.42*	
23 05 29 00-0146	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	488.17	45.77
		For Work In Restricted Working Space, Add	*27.46*	
		For 304 Stainless Steel, Add	*2,617.76*	
		For 316 Stainless Steel, Add	*3,371.36*	
23 05 29 00-0147		Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0123)*		
23 05 29 00-0148	EA	2" Steel Roller Chair (Cooper B-Line B3120)	41.35	11.90
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0149	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	44.58	12.27
		For Work In Restricted Working Space, Add	*7.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0150	EA	3" Steel Roller Chair (Cooper B-Line B3120)	46.66	12.81
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0151	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	53.57	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0152	EA	4" Steel Roller Chair (Cooper B-Line B3120)	59.71	15.56
		For Work In Restricted Working Space, Add	*9.15*	
23 05 29 00-0153	EA	5" Steel Roller Chair (Cooper B-Line B3120)	65.23	16.76
		For Work In Restricted Working Space, Add	*10.05*	
23 05 29 00-0154	EA	6" Steel Roller Chair (Cooper B-Line B3120)	80.80	18.31
		For Work In Restricted Working Space, Add	*10.98*	
23 05 29 00-0155	EA	8" Steel Roller Chair (Cooper B-Line B3120)	105.51	22.89
		For Work In Restricted Working Space, Add	*13.73*	
23 05 29 00-0156	EA	10" Steel Roller Chair (Cooper B-Line B3120)	135.97	31.13
		For Work In Restricted Working Space, Add	*18.31*	
23 05 29 00-0157	EA	12" Steel Roller Chair (Cooper B-Line B3120)	177.78	34.33
		For Work In Restricted Working Space, Add	*20.60*	
23 05 29 00-0158	EA	14" Steel Roller Chair (Cooper B-Line B3120)	193.17	39.36
		For Work In Restricted Working Space, Add	*23.62*	
23 05 29 00-0159	EA	16" Steel Roller Chair (Cooper B-Line B3120)	233.61	45.77
		For Work In Restricted Working Space, Add	*27.46*	
23 05 29 00-0160	EA	18" Steel Roller Chair (Cooper B-Line B3120)	316.73	57.21
		For Work In Restricted Working Space, Add	*34.33*	
23 05 29 00-0161	EA	20" Steel Roller Chair (Cooper B-Line B3120)	392.78	68.66
		For Work In Restricted Working Space, Add	*41.19*	

23 05 29 00-0162 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0123)*

23 05 29 00-0163	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	47.43	11.90
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0164	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	53.57	12.27
		For Work In Restricted Working Space, Add	*7.36*	
23 05 29 00-0165	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	56.24	12.81
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0166	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	59.44	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0167	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	71.99	15.56
		For Work In Restricted Working Space, Add	*9.15*	
23 05 29 00-0168	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	81.86	16.76
		For Work In Restricted Working Space, Add	*10.05*	
23 05 29 00-0169	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	95.82	18.31
		For Work In Restricted Working Space, Add	*10.98*	
23 05 29 00-0170	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	136.43	22.89
		For Work In Restricted Working Space, Add	*13.73*	
23 05 29 00-0171	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	169.31	31.13
		For Work In Restricted Working Space, Add	*18.31*	
23 05 29 00-0172	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	196.24	34.33
		For Work In Restricted Working Space, Add	*20.60*	
23 05 29 00-0173	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	281.55	39.36
		For Work In Restricted Working Space, Add	*23.62*	
23 05 29 00-0174	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	338.13	45.77
		For Work In Restricted Working Space, Add	*27.46*	
23 05 29 00-0175	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	381.77	57.21
		For Work In Restricted Working Space, Add	*34.33*	

23 05 29 00-0176 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0123)*

23 05 29 00-0177	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	47.78	11.90
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0178	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	53.88	12.27
		For Work In Restricted Working Space, Add	*7.36*	
23 05 29 00-0179	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	56.76	12.81
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0180	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	58.98	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0181	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	75.54	15.56
		For Work In Restricted Working Space, Add	*9.15*	
23 05 29 00-0182	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	86.04	16.76
		For Work In Restricted Working Space, Add	*10.05*	
23 05 29 00-0183	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	100.81	18.31
		For Work In Restricted Working Space, Add	*10.98*	
23 05 29 00-0184	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	144.15	22.89
		For Work In Restricted Working Space, Add	*13.73*	
23 05 29 00-0185	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	178.57	31.13
		For Work In Restricted Working Space, Add	*18.31*	
23 05 29 00-0186	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	207.08	34.33
		For Work In Restricted Working Space, Add	*20.60*	
23 05 29 00-0187	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	298.89	39.36
		For Work In Restricted Working Space, Add	*23.62*	

23 05 29 00-0188 Pipe And Riser Clamps *(23 05 29 00-0001)*

23 05 29 00-0189 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0188)*

Note: Type 4.

23 05 29 00-0190	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	15.55	5.47
		For Work In Restricted Working Space, Add	*3.29*	
23 05 29 00-0191	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	15.73	5.57
		For Work In Restricted Working Space, Add	*3.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0192	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	15.94	5.66
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0193	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	17.53	5.75
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0194	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	17.72	5.84
		For Work In Restricted Working Space, Add	*3.50*	
23 05 29 00-0195	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	18.96	5.93
		For Work In Restricted Working Space, Add	*3.56*	
23 05 29 00-0196	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	19.74	6.11
		For Work In Restricted Working Space, Add	*3.67*	
23 05 29 00-0197	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	20.98	6.29
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0198	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	24.64	6.38
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0199	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	28.28	8.21
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0200	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	40.85	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0201	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	56.43	13.69
		For Work In Restricted Working Space, Add	*8.21*	
23 05 29 00-0202	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	66.48	15.97
		For Work In Restricted Working Space, Add	*9.58*	
23 05 29 00-0203	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	98.76	18.25
		For Work In Restricted Working Space, Add	*10.95*	
23 05 29 00-0204	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	136.46	20.08
		For Work In Restricted Working Space, Add	*12.05*	
23 05 29 00-0205	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	224.55	21.90
		For Work In Restricted Working Space, Add	*13.14*	
23 05 29 00-0206	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	243.40	23.72
		For Work In Restricted Working Space, Add	*14.24*	
23 05 29 00-0207	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	400.19	25.55
		For Work In Restricted Working Space, Add	*15.33*	
23 05 29 00-0208	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	463.56	27.37
		For Work In Restricted Working Space, Add	*16.43*	
23 05 29 00-0209	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	606.21	30.11
		For Work In Restricted Working Space, Add	*18.07*	

23 05 29 00-0210 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0188)*

23 05 29 00-0211	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	33.78	5.90
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0212	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	45.11	5.90
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0213	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	49.66	6.10
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0214	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	80.66	6.32
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0215	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	87.84	6.74
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0216	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	152.35	6.74
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0217	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	247.88	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0218	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	314.96	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0219	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	342.09	10.10
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0220	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,071.62	11.80
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0221	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,232.16	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0222	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,579.33	13.48
		For Work In Restricted Working Space, Add	*8.09*	

23 05 29 00-0223 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0188)*

Note: Type 8.

23 05 29 00-0224	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	15.86	5.05
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0225	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	16.57	5.13
		For Work In Restricted Working Space, Add	*3.08*	
23 05 29 00-0226	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	16.81	5.22
		For Work In Restricted Working Space, Add	*3.14*	
23 05 29 00-0227	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	18.30	5.30
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0228	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	19.07	5.39
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0229	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	19.55	5.48
		For Work In Restricted Working Space, Add	*3.29*	
23 05 29 00-0230	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	20.41	5.65
		For Work In Restricted Working Space, Add	*3.38*	
23 05 29 00-0231	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	21.70	5.81
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0232	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	24.05	5.90
		For Work In Restricted Working Space, Add	*3.54*	
23 05 29 00-0233	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	29.03	7.58
		For Work In Restricted Working Space, Add	*4.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0234	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	37.42	10.10
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0235	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	47.52	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0236	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	65.91	14.74
		For Work In Restricted Working Space, Add	*8.84*	
23 05 29 00-0237	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	87.61	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0238	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	106.69	18.53
		For Work In Restricted Working Space, Add	*11.12*	
23 05 29 00-0239	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	145.20	20.22
		For Work In Restricted Working Space, Add	*12.13*	
23 05 29 00-0240	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	282.95	21.90
		For Work In Restricted Working Space, Add	*13.14*	

23 05 29 00-0241 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0188)*

23 05 29 00-0242	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	29.54	5.05
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0243	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	30.00	5.13
		For Work In Restricted Working Space, Add	*3.08*	
23 05 29 00-0244	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	31.30	5.22
		For Work In Restricted Working Space, Add	*3.14*	
23 05 29 00-0245	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.56	5.30
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0246	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	38.16	5.39
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0247	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	40.64	5.48
		For Work In Restricted Working Space, Add	*3.29*	
23 05 29 00-0248	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	44.10	5.65
		For Work In Restricted Working Space, Add	*3.38*	
23 05 29 00-0249	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	48.61	5.81
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0250	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	65.95	7.58
		For Work In Restricted Working Space, Add	*4.55*	

23 05 29 00-0251 Copper Tubing Riser Clamp (Cooper B-Line B3373CT) *(23 05 29 00-0188)*

23 05 29 00-0252	EA	1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	18.75	5.05
23 05 29 00-0253	EA	3/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	18.93	5.13
23 05 29 00-0254	EA	1" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	19.10	5.22
23 05 29 00-0255	EA	1-1/4"Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	19.54	5.30
23 05 29 00-0256	EA	1-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	21.68	5.39
23 05 29 00-0257	EA	2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	22.45	5.48
23 05 29 00-0258	EA	2-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	24.82	5.65
23 05 29 00-0259	EA	3" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	27.28	5.81
23 05 29 00-0260	EA	3-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	32.60	5.90
23 05 29 00-0261	EA	4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	36.17	7.58
23 05 29 00-0262	EA	5" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	48.12	10.10
23 05 29 00-0263	EA	6" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	61.21	12.63

23 05 29 00-0264 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0188)*

Note: Type 42

23 05 29 00-0265	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	68.77	5.90
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0266	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	72.94	6.32
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0267	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	80.20	6.74
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0268	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	85.81	6.74
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0269	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	104.04	7.58
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-0270	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	329.34	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0271	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	441.69	10.10
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0272	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	526.42	11.80
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0273	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	768.75	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0274	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	1,061.16	13.48
		For Work In Restricted Working Space, Add	*8.09*	

23 05 29 00-0275 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0188)*

23 05 29 00-0276	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	63.29	5.90
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0277	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	68.23	6.32
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0278	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	121.08	6.74
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-0279	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	134.95	6.74
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0280	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	194.64	7.58
		For Work In Restricted Working Space, Add	*4.55*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0281	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	299.77	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0282	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	402.60	10.10
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0283	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	479.28	11.80
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0284	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	702.54	12.63
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0285	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	963.17	13.48
		For Work In Restricted Working Space, Add	*8.09*	

23 05 29 00-0286 Split Pipe Clamps And Rings *(23 05 29 00-0001)*

23 05 29 00-0287 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0286)*

Note: Type 6.

23 05 29 00-0288	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	26.57	7.76
		For Work In Restricted Working Space, Add	*4.65*	
23 05 29 00-0289	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	28.14	8.21
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0290	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	30.53	9.12
		For Work In Restricted Working Space, Add	*5.48*	
23 05 29 00-0291	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	32.99	9.58
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0292	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	35.77	10.04
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0293	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	44.89	10.49
		For Work In Restricted Working Space, Add	*6.30*	
23 05 29 00-0294	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	49.49	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0295	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	66.71	12.32
		For Work In Restricted Working Space, Add	*7.39*	
23 05 29 00-0296	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	84.91	15.51
		For Work In Restricted Working Space, Add	*9.31*	
23 05 29 00-0297	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	114.49	18.25
		For Work In Restricted Working Space, Add	*10.95*	

23 05 29 00-0298 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0286)*

Note: Type 11.

23 05 29 00-0299	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	16.65	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0300	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	17.59	6.41
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0301	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	19.32	8.24
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0302	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.11	8.24
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0303	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.84	8.24
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0304	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	28.09	9.15
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0305	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	38.61	9.15
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0306	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	43.19	10.07
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0307	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	45.87	10.98
		For Work In Restricted Working Space, Add	*6.54*	

23 05 29 00-0308 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0286)*

Note: Type 12.

23 05 29 00-0309	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	16.65	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0310	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	17.59	6.86
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0311	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	19.32	7.78
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0312	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.11	8.24
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0313	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.84	8.24
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0314	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	28.09	9.15
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0315	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	38.61	9.61
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0316	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	43.19	10.07
		For Work In Restricted Working Space, Add	*5.97*	

23 05 29 00-0317 Pipe Straps *(23 05 29 00-0001)*

23 05 29 00-0318 Standard Two Hole Pipe Strap, Steel (Cooper B-Line B-3180) *(23 05 29 00-0317)*

Note: Type 26.

23 05 29 00-0319	EA	1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	12.61	4.58
		For Work In Restricted Working Space, Add	*2.75*	
23 05 29 00-0320	EA	3/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	13.29	5.49
		For Work In Restricted Working Space, Add	*2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0321	EA	1" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	13.92	5.49
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0322	EA	1-1/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	14.65	5.49
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0323	EA	1-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	15.45	6.41
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0324	EA	2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	16.52	6.41
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0325	EA	2-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	25.12	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0326	EA	3" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	27.74	6.41
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0327	EA	4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	32.91	8.24
		For Work In Restricted Working Space, Add	*4.94*	
23 05 29 00-0328	EA	6" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	40.97	9.15
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0329	EA	8" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)	47.20	10.07
		For Work In Restricted Working Space, Add	*6.04*	

23 05 29 00-0330 2-Hole Copper Straps *(23 05 29 00-0317)*

23 05 29 00-0331	EA	1/2" 2-Hole Copper Straps	4.81	
		For Work In Restricted Working Space, Add	*1.37*	
23 05 29 00-0332	EA	3/4" 2-Hole Copper Straps	5.19	
		For Work In Restricted Working Space, Add	*1.44*	
23 05 29 00-0333	EA	1" 2-Hole Copper Straps	2.53	
		For Work In Restricted Working Space, Add	*0.62*	

23 05 29 00-0334 Black Malleable Iron Clamps, 1 Hole *(23 05 29 00-0317)*

23 05 29 00-0335	EA	1/2" Galvanized Steel Strap, 1 Hole	2.29	
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0336	EA	3/4" Galvanized Steel Strap, 1 Hole	2.53	
		For Work In Restricted Working Space, Add	*0.49*	
23 05 29 00-0337	EA	1" Galvanized Steel Strap, 1 Hole	3.13	
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0338	EA	1-1/4" Galvanized Steel Strap, 1 Hole	3.63	
		For Work In Restricted Working Space, Add	*0.57*	
23 05 29 00-0339	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.12	
		For Work In Restricted Working Space, Add	*0.62*	
23 05 29 00-0340	EA	2" Galvanized Steel Strap, 1 Hole	5.51	
		For Work In Restricted Working Space, Add	*0.68*	

23 05 29 00-0341 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

23 05 29 00-0342 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0341)*

Note: Up to 750# load.

23 05 29 00-0343	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	115.10	10.10
		For Galvanized, Add	*18.98*	
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0344	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	116.83	10.10
		For Galvanized, Add	*19.32*	
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0345	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	123.69	10.10
		For Galvanized, Add	*20.69*	
		For Work In Restricted Working Space, Add	*6.07*	

23 05 29 00-0346 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0341)*

Note: Up to 1500# load.

23 05 29 00-0347	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	282.74	10.10
		For Galvanized, Add	*52.50*	
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0348	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	332.09	10.10
		For Galvanized, Add	*62.37*	
		For Work In Restricted Working Space, Add	*6.07*	
23 05 29 00-0349	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	432.72	10.10
		For Galvanized, Add	*82.50*	
		For Work In Restricted Working Space, Add	*6.07*	

23 05 29 00-0350 Pipe Alignment Guide *(23 05 29 00-0001)*

23 05 29 00-0351 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0350)*

23 05 29 00-0352	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	229.05	16.00
23 05 29 00-0353	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	229.89	16.43
23 05 29 00-0354	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	230.74	16.85
23 05 29 00-0355	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	231.57	17.27
23 05 29 00-0356	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	251.61	17.68
23 05 29 00-0357	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	257.97	19.37
23 05 29 00-0358	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	259.23	20.01
23 05 29 00-0359	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	260.49	20.63
23 05 29 00-0360	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	275.75	21.90
23 05 29 00-0361	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	323.68	27.80

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0362	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	335.47	33.70
23 05 29 00-0363	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	381.98	42.11
23 05 29 00-0364	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	680.68	50.53
23 05 29 00-0365	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	1,027.00	67.38
23 05 29 00-0366	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	1,265.02	84.23
23 05 29 00-0367	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	1,515.53	94.34
23 05 29 00-0368	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	1,637.94	105.29
23 05 29 00-0369	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	1,748.77	120.45
23 05 29 00-0370	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	2,179.58	126.34

23 05 29 00-0371 Pipe Alignment Guide, 1-1/2" Insulation *(23 05 29 00-0350)*

23 05 29 00-0372	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	229.89	16.43
23 05 29 00-0373	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	249.93	16.85
23 05 29 00-0374	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	250.76	17.27
23 05 29 00-0375	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	251.61	17.68
23 05 29 00-0376	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	252.45	18.11
23 05 29 00-0377	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	258.80	19.80
23 05 29 00-0378	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	260.07	20.42
23 05 29 00-0379	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	274.06	21.06
23 05 29 00-0380	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	276.60	22.32
23 05 29 00-0381	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	324.94	28.43
23 05 29 00-0382	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	337.15	34.53
23 05 29 00-0383	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	384.08	43.17
23 05 29 00-0384	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	683.20	51.80
23 05 29 00-0385	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	1,030.38	69.06
23 05 29 00-0386	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	1,269.23	86.33
23 05 29 00-0387	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	1,520.58	96.86
23 05 29 00-0388	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	1,642.99	107.81
23 05 29 00-0389	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	1,754.66	123.39
23 05 29 00-0390	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	2,185.89	129.50

23 05 29 00-0391 Pipe Alignment Guide, 2" Insulation *(23 05 29 00-0350)*

23 05 29 00-0392	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	249.93	16.85
23 05 29 00-0393	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	253.75	17.27
23 05 29 00-0394	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	254.60	17.68
23 05 29 00-0395	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	255.44	18.11
23 05 29 00-0396	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	256.28	18.53
23 05 29 00-0397	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	272.38	20.22
23 05 29 00-0398	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	274.06	21.06
23 05 29 00-0399	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	275.12	21.59
23 05 29 00-0400	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	313.57	22.75
23 05 29 00-0401	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	326.21	29.06
23 05 29 00-0402	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	368.50	35.38
23 05 29 00-0403	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	419.05	44.22
23 05 29 00-0404	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	685.73	53.06
23 05 29 00-0405	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	1,033.75	70.75
23 05 29 00-0406	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	1,273.44	88.44
23 05 29 00-0407	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	1,525.45	99.30
23 05 29 00-0408	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	1,648.47	110.55
23 05 29 00-0409	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	1,760.56	126.34
23 05 29 00-0410	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	2,192.21	132.66

23 05 29 00-0411 Pipe Alignment Guide, 2-1/2" Insulation *(23 05 29 00-0350)*

23 05 29 00-0412	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	253.75	17.27
23 05 29 00-0413	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	267.33	17.68
23 05 29 00-0414	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	268.17	18.11
23 05 29 00-0415	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	269.01	18.53
23 05 29 00-0416	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	269.85	18.95
23 05 29 00-0417	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	273.22	20.63
23 05 29 00-0418	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	275.12	21.59
23 05 29 00-0419	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	312.31	22.11
23 05 29 00-0420	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	314.42	23.16
23 05 29 00-0421	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	356.71	29.48
23 05 29 00-0422	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	370.18	36.22
23 05 29 00-0423		8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	670.15	45.27
23 05 29 00-0424	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	1,000.90	54.33
23 05 29 00-0425	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	1,241.44	72.43
23 05 29 00-0426	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	1,277.85	90.55
23 05 29 00-0427	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	1,530.70	101.91
23 05 29 00-0428	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	1,653.94	113.29
23 05 29 00-0429	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	1,766.87	129.50
23 05 29 00-0430	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	2,198.96	136.03

23 05 29 00-0431 Pipe Alignment Guide, 3" Insulation *(23 05 29 00-0350)*

23 05 29 00-0432	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	267.33	17.68
23 05 29 00-0433	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	268.17	18.11
23 05 29 00-0434	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	269.01	18.53
23 05 29 00-0435	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	269.85	18.95
23 05 29 00-0436	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	270.70	19.37
23 05 29 00-0437	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	310.20	21.06
23 05 29 00-0438	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	312.31	22.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0439	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	313.57	22.75
23 05 29 00-0440	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	345.25	23.75
23 05 29 00-0441	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	358.40	30.32
23 05 29 00-0442	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	404.74	37.06
23 05 29 00-0443	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	672.25	46.33
23 05 29 00-0444	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	1,003.42	55.59
23 05 29 00-0445	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	1,244.80	74.13
23 05 29 00-0446	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	1,282.07	92.65
23 05 29 00-0447	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	1,535.75	104.44
23 05 29 00-0448	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	1,659.00	115.81
23 05 29 00-0449	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	1,773.19	132.66
23 05 29 00-0450	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	2,205.69	139.40

23 05 29 00-0451 Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0350)*

23 05 29 00-0452	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	268.17	18.11
23 05 29 00-0453	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	305.15	18.53
23 05 29 00-0454	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	305.99	18.95
23 05 29 00-0455	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	306.84	19.37
23 05 29 00-0456	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	307.67	19.80
23 05 29 00-0457	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	311.26	21.59
23 05 29 00-0458	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	313.40	22.66
23 05 29 00-0459	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	344.37	23.31
23 05 29 00-0460	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	346.60	24.43
23 05 29 00-0461	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	392.94	31.16
23 05 29 00-0462	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	655.41	37.90
23 05 29 00-0463	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	987.00	47.38
23 05 29 00-0464	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	1,210.72	56.99
23 05 29 00-0465	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	1,478.47	75.81
23 05 29 00-0466	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	1,516.80	94.97
23 05 29 00-0467	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	1,646.05	106.98
23 05 29 00-0468	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	1,745.39	118.76
23 05 29 00-0469	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	2,198.11	135.61

23 05 29 00-0470 Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0350)*

23 05 29 00-0471	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	305.15	18.53
23 05 29 00-0472	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	305.99	18.95
23 05 29 00-0473	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	306.84	19.37
23 05 29 00-0474	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	307.67	19.80
23 05 29 00-0475	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	308.52	20.22
23 05 29 00-0476	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	341.97	22.11
23 05 29 00-0477	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	344.08	23.16
23 05 29 00-0478	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	345.51	23.88
23 05 29 00-0479	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	380.73	25.06
23 05 29 00-0480	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	643.61	32.01
23 05 29 00-0481	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	657.09	38.75
23 05 29 00-0482	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	989.10	48.43
23 05 29 00-0483	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	1,213.84	58.54
23 05 29 00-0484	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	1,482.27	77.70
23 05 29 00-0485	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	1,621.09	96.86
23 05 29 00-0486	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	1,726.86	109.50
23 05 29 00-0487	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	2,171.16	122.13

23 05 29 00-0488 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

23 05 29 00-0489	EA	1-1/2" Sway Bracing	84.68	11.12
		For Work In Restricted Working Space, Add	*6.65*	
23 05 29 00-0490	EA	2" Sway Bracing	87.41	11.71
		For Work In Restricted Working Space, Add	*7.02*	
23 05 29 00-0491	EA	3" Sway Bracing	90.68	12.38
		For Work In Restricted Working Space, Add	*7.43*	
23 05 29 00-0492	EA	4" Sway Bracing	102.93	14.07
		For Work In Restricted Working Space, Add	*8.42*	
23 05 29 00-0493	EA	6" Sway Bracing	151.26	21.06
		For Work In Restricted Working Space, Add	*12.63*	
23 05 29 00-0494	EA	8" Sway Bracing	169.21	26.28
		For Work In Restricted Working Space, Add	*15.80*	
23 05 29 00-0495	EA	10" Sway Bracing	193.72	35.13
		For Work In Restricted Working Space, Add	*21.06*	

23 05 29 00-0496 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0497	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	121.15	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0498	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	124.29	9.27
		For Work In Restricted Working Space, Add	*5.56*	
23 05 29 00-0499	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	218.87	10.53
		For Work In Restricted Working Space, Add	*6.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0500	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	275.08	11.80
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0501	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	279.60	13.05
		For Work In Restricted Working Space, Add	*7.83*	
23 05 29 00-0502	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	304.88	14.74
		For Work In Restricted Working Space, Add	*8.84*	
23 05 29 00-0503	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	366.22	16.00
		For Work In Restricted Working Space, Add	*9.60*	
23 05 29 00-0504	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	371.37	17.27
		For Work In Restricted Working Space, Add	*10.36*	
23 05 29 00-0505	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	378.04	18.95
		For Work In Restricted Working Space, Add	*11.37*	
23 05 29 00-0506	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	393.09	20.63
		For Work In Restricted Working Space, Add	*12.38*	
23 05 29 00-0507	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	418.94	22.75
		For Work In Restricted Working Space, Add	*13.64*	
23 05 29 00-0508	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	432.50	25.27
		For Work In Restricted Working Space, Add	*15.16*	
23 05 29 00-0509	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	525.34	27.80
		For Work In Restricted Working Space, Add	*16.68*	
23 05 29 00-0510	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	569.33	31.16
		For Work In Restricted Working Space, Add	*18.70*	
23 05 29 00-0511	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	803.24	34.53
		For Work In Restricted Working Space, Add	*20.72*	
23 05 29 00-0512	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	964.30	37.90
		For Work In Restricted Working Space, Add	*22.74*	
23 05 29 00-0513	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,135.43	41.27
		For Work In Restricted Working Space, Add	*24.77*	

23 05 29 00-0514 Pipe Isolators Wrap At Hanger *(23 05 29 00-0001)*

Note: Superstrut S-176.

23 05 29 00-0515	LF	Pipe Isolator Wrap (Cooper B-LINE B-1999)	4.55

23 05 29 00-0516 Channel Mounted Cushion Clamp *(23 05 29 00-0001)*

Note: Includes fastening into channel.

23 05 29 00-0517	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe	11.34	3.79
23 05 29 00-0518	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe	11.94	4.21
23 05 29 00-0519	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe	12.94	4.42
23 05 29 00-0520	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe	13.98	4.63
23 05 29 00-0521	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe	15.75	5.05
23 05 29 00-0522	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe	17.32	5.26
23 05 29 00-0523	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe	23.09	5.48
23 05 29 00-0524	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe	26.79	5.90
23 05 29 00-0525	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe	34.18	6.74
23 05 29 00-0526	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe	48.71	7.58

23 05 29 00-0527 Galvanized Steel Cushion Tube Clamp *(23 05 29 00-0001)*

Note: Excludes fastening bolt and drilling if necessary.

23 05 29 00-0528	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.02
23 05 29 00-0529	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.09
23 05 29 00-0530	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.14
23 05 29 00-0531	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.25
23 05 29 00-0532	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.12
23 05 29 00-0533	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.32
23 05 29 00-0534	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.20
23 05 29 00-0535	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.45
23 05 29 00-0536	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	3.46
23 05 29 00-0537	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.31
23 05 29 00-0538	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.43
23 05 29 00-0539	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0540	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.44	
23 05 29 00-0541	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.67	
23 05 29 00-0542	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.05	
23 05 29 00-0543	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.08	
23 05 29 00-0544	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.29	
23 05 29 00-0545	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.71	
23 05 29 00-0546	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.83	
23 05 29 00-0547	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.46	
23 05 29 00-0548	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.50	
23 05 29 00-0549	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.96	
23 05 29 00-0550	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.46	
23 05 29 00-0551	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.76	
23 05 29 00-0552	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.12	
23 05 29 00-0553	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.42	
23 05 29 00-0554	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.59	
23 05 29 00-0555	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.09	
23 05 29 00-0556	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.53	
23 05 29 00-0557	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.84	

23 05 29 00-0558 Rooftop Pipe Supports *(23 05 29 00-0001)*

Note: Excludes pipe/conduit clamps and straps.

23 05 29 00-0559 Rooftop Support Base *(23 05 29 00-0558)*

23 05 29 00-0560	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	31.03	6.86
23 05 29 00-0561	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	43.27	9.15

23 05 29 00-0562 Rooftop Support Base With 14 Gauge Galvanized Channel *(23 05 29 00-0558)*

23 05 29 00-0563	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	35.34	6.86
23 05 29 00-0564	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	50.28	9.15
23 05 29 00-0565	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	93.31	11.44
23 05 29 00-0566	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	129.14	13.72
23 05 29 00-0567	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	179.09	16.02
23 05 29 00-0568	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	188.74	18.30

23 05 29 00-0569 Rooftop Support Base With 12 Gauge Galvanized Channel *(23 05 29 00-0558)*

23 05 29 00-0570	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	61.72	9.15
23 05 29 00-0571	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	98.41	11.44
23 05 29 00-0572	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	131.18	13.72
23 05 29 00-0573	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	179.20	16.02
23 05 29 00-0574	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	201.97	13.72

23 05 29 00-0575 Rooftop Bridge Support Base With 12 Gauge Galvanized Channel *(23 05 29 00-0558)*

23 05 29 00-0576	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	103.52	13.72
23 05 29 00-0577	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	117.87	16.02
23 05 29 00-0578	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	122.40	18.30
23 05 29 00-0579	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	133.93	20.59
23 05 29 00-0580	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	171.70	22.88

23 05 29 00-0581 Rooftop Pipe Support Base And Rod *(23 05 29 00-0558)*

23 05 29 00-0582	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	75.27	9.15
23 05 29 00-0583	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	75.27	9.15
23 05 29 00-0584	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	75.70	9.15
23 05 29 00-0585	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	80.72	11.44
23 05 29 00-0586	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	77.59	11.44
23 05 29 00-0587	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	81.60	11.44

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0588		Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly *(23 05 29 00-0558)*		
23 05 29 00-0589	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	95.78	9.15
23 05 29 00-0590	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	107.02	9.15
23 05 29 00-0591	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	140.34	11.44
23 05 29 00-0592	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	186.30	11.44
23 05 29 00-0593	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	254.55	11.44
23 05 29 00-0594		Rooftop Support Base And Adjustable Height Roller Assembly *(23 05 29 00-0558)*		
		Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0595	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	119.09	13.72
23 05 29 00-0596		Rooftop Support Base And Adjustable Height Channel Assembly *(23 05 29 00-0558)*		
		Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0597	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	77.79	11.44
23 05 29 00-0598	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	106.24	13.72
23 05 29 00-0599	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	118.39	16.02
23 05 29 00-0600		Rooftop Support Bases With Channel Support And Risers Assembly *(23 05 29 00-0558)*		
		Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0601	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	288.27	18.30
23 05 29 00-0602	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	291.50	18.30
23 05 29 00-0603	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	302.85	18.30
23 05 29 00-0604	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	328.90	18.30
23 05 29 00-0605	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	282.49	18.30
23 05 29 00-0606	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	293.35	18.30
23 05 29 00-0607	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	304.70	18.30
23 05 29 00-0608	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	330.74	18.30
23 05 29 00-0609	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	295.40	18.30
23 05 29 00-0610	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	299.19	18.30
23 05 29 00-0611	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	310.32	18.30
23 05 29 00-0612	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	336.47	18.30
23 05 29 00-0613	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	308.58	18.30
23 05 29 00-0614	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	312.04	18.30
23 05 29 00-0615	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	323.17	18.30
23 05 29 00-0616	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	349.32	18.30
23 05 29 00-0617		Threaded Rod, Accessories And Attachments *(23 05 29)*		
23 05 29 00-0618		Threaded Rod And Rod Accessories *(23 05 29 00-0617)*		
23 05 29 00-0619		Threaded Rod *(23 05 29 00-0618)*		
		Note: Fully threaded.		
23 05 29 00-0620	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.51	0.57
		For Galvanized, Add	*0.54*	
		For Zinc Plated, Add	*0.39*	
		For Work In Restricted Working Space, Add	*0.35*	
23 05 29 00-0621	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.38	0.61
		For Galvanized, Add	*0.86*	
		For Zinc Plated, Add	*0.62*	
		For Work In Restricted Working Space, Add	*0.37*	
23 05 29 00-0622	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.61	0.63
		For Galvanized, Add	*1.34*	
		For Zinc Plated, Add	*0.95*	
		For Work In Restricted Working Space, Add	*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0623	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.37	0.65
		For Galvanized, Add	*2.43*	
		For Zinc Plated, Add	*1.73*	
		For Work In Restricted Working Space, Add	*0.39*	
23 05 29 00-0624	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.02	0.67
		For Galvanized, Add	*2.67*	
		For Zinc Plated, Add	*1.90*	
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0625	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.89	0.75
		For Galvanized, Add	*3.74*	
		For Zinc Plated, Add	*2.67*	
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0626	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.50	0.85
		For Galvanized, Add	*4.72*	
		For Zinc Plated, Add	*3.37*	
		For Work In Restricted Working Space, Add	*0.51*	

23 05 29 00-0627 Rod Couplings *(23 05 29 00-0618)*

23 05 29 00-0628	EA	3/8" Diameter, Threaded Rod Coupling Nut	6.51	
		For Work In Restricted Working Space, Add	*1.69*	
23 05 29 00-0629	EA	1/2" Diameter, Threaded Rod Coupling Nut	7.36	
		For Work In Restricted Working Space, Add	*1.87*	
23 05 29 00-0630	EA	5/8" Diameter, Threaded Rod Coupling Nut	9.00	
		For Work In Restricted Working Space, Add	*2.11*	
23 05 29 00-0631	EA	3/4" Diameter, Threaded Rod Coupling Nut	10.76	
		For Work In Restricted Working Space, Add	*2.30*	
23 05 29 00-0632	EA	7/8" Diameter, Threaded Rod Coupling Nut	15.09	
		For Work In Restricted Working Space, Add	*2.53*	
23 05 29 00-0633	EA	1" Diameter, Threaded Rod Coupling Nut	17.87	
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0634	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	32.31	
		For Work In Restricted Working Space, Add	*3.37*	

23 05 29 00-0635 Flat Washers *(23 05 29 00-0618)*

Note: Zinc plated.

23 05 29 00-0636	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.46	0.18
		For Galvanized, Add	*0.02*	
		For Work In Restricted Working Space, Add	*0.11*	
23 05 29 00-0637	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.60	0.18
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.13*	
23 05 29 00-0638	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.84	0.27
		For Galvanized, Add	*0.08*	
		For Work In Restricted Working Space, Add	*0.15*	
23 05 29 00-0639	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.12	0.27
		For Galvanized, Add	*0.12*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0640	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.32	0.36
		For Galvanized, Add	*0.14*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0641	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.53	0.36
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0642	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.73	0.45
		For Galvanized, Add	*0.19*	
		For Work In Restricted Working Space, Add	*0.29*	

23 05 29 00-0643 Hex Nuts *(23 05 29 00-0618)*

Note: Grade 2 and zinc plated.

23 05 29 00-0644	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.58	0.23
		For Galvanized, Add	*0.02*	
		For Work In Restricted Working Space, Add	*0.16*	
23 05 29 00-0645	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.23
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0646	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.93	0.23
		For Galvanized, Add	*0.08*	
		For Work In Restricted Working Space, Add	*0.18*	
23 05 29 00-0647	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.07	0.45
		For Galvanized, Add	*0.11*	
		For Work In Restricted Working Space, Add	*0.19*	
23 05 29 00-0648	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.49	0.45
		For Galvanized, Add	*0.21*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0649	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.88	0.45
		For Galvanized, Add	*0.28*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0650	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.97	0.45
		For Galvanized, Add	*0.53*	
		For Work In Restricted Working Space, Add	*0.26*	

23 05 29 00-0651 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0618)*

Note: Type 13.

23 05 29 00-0652	EA	3/8" Turnbuckle (Cooper B-Line B3202)	24.59	4.58
		For Work In Restricted Working Space, Add	*2.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0653	EA	1/2" Turnbuckle (Cooper B-Line B3202)	29.37	5.03
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0654	EA	5/8" Turnbuckle (Cooper B-Line B3202)	31.52	5.49
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0655	EA	3/4" Turnbuckle (Cooper B-Line B3202)	39.95	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0656	EA	7/8" Turnbuckle (Cooper B-Line B3202)	52.11	6.86
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0657	EA	1" Turnbuckle (Cooper B-Line B3202)	64.83	7.33
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0658	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	90.51	8.24
		For Work In Restricted Working Space, Add	*6.87*	

23 05 29 00-0659 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0618)*

Note: Type 15.

23 05 29 00-0660	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	14.84	4.58
		For Work In Restricted Working Space, Add	*2.75*	
23 05 29 00-0661	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	17.26	5.12
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0662	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	23.34	5.68
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0663	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	28.37	6.50
		For Work In Restricted Working Space, Add	*3.92*	

23 05 29 00-0664 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0618)*

Note: Type 14.

23 05 29 00-0665	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	85.01	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0666	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	126.99	8.85
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0667	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	137.46	9.27
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0668	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	143.06	10.10
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0669	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	150.21	11.37
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0670	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	252.09	14.74
		For Work In Restricted Working Space, Add	*8.84*	
23 05 29 00-0671	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	273.24	16.85
		For Work In Restricted Working Space, Add	*10.11*	
23 05 29 00-0672	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	321.57	21.06
		For Work In Restricted Working Space, Add	*12.63*	

23 05 29 00-0673 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0618)*

23 05 29 00-0674	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	24.27	4.94
		For Work In Restricted Working Space, Add	*2.97*	
23 05 29 00-0675	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	25.08	5.03
		For Work In Restricted Working Space, Add	*3.03*	
23 05 29 00-0676	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	25.89	5.12
		For Work In Restricted Working Space, Add	*3.09*	
23 05 29 00-0677	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	26.08	5.21
		For Work In Restricted Working Space, Add	*3.14*	
23 05 29 00-0678	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	27.71	5.40
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0679	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	29.54	5.76
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0680	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	30.72	6.04
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0681	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	33.18	6.32
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0682	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	34.99	6.59
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0683	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	36.81	6.86
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0684	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	32.81	5.49
		For Work In Restricted Working Space, Add	*3.29*	
23 05 29 00-0685	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	33.62	5.59
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0686	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	34.47	5.68
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0687	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	35.29	5.77
		For Work In Restricted Working Space, Add	*3.47*	
23 05 29 00-0688	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	36.95	5.95
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0689	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	40.04	6.32
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0690	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	42.53	6.59
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0691	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	45.64	6.86
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0692	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	48.09	7.24
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0693	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	50.60	7.51
		For Work In Restricted Working Space, Add	*4.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0694	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	44.73	6.13
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0695	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	46.17	6.23
		For Work In Restricted Working Space, Add	*3.75*	
23 05 29 00-0696	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	47.63	6.32
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0697	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	48.47	6.50
		For Work In Restricted Working Space, Add	*3.87*	
23 05 29 00-0698	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	50.76	6.68
		For Work In Restricted Working Space, Add	*4.00*	
23 05 29 00-0699	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	54.52	6.95
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0700	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	58.26	7.33
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0701	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	61.39	7.60
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0702	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	65.13	7.96
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0703	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	68.87	8.24
		For Work In Restricted Working Space, Add	*4.95*	
23 05 29 00-0704	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	55.11	6.95
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0705	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	57.21	7.04
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0706	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	58.67	7.24
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0707	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	60.76	7.33
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0708	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	64.31	7.51
		For Work In Restricted Working Space, Add	*4.51*	
23 05 29 00-0709	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	69.31	7.87
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0710	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	74.33	8.15
		For Work In Restricted Working Space, Add	*4.90*	
23 05 29 00-0711	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	79.98	8.51
		For Work In Restricted Working Space, Add	*5.10*	
23 05 29 00-0712	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	85.59	8.79
		For Work In Restricted Working Space, Add	*5.29*	
23 05 29 00-0713	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	90.62	9.16
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0714	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	66.07	8.05
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0715	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	68.79	8.24
		For Work In Restricted Working Space, Add	*4.92*	
23 05 29 00-0716	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	70.90	8.33
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0717	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	72.99	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0718	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	77.20	8.70
		For Work In Restricted Working Space, Add	*5.20*	
23 05 29 00-0719	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	84.09	8.97
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0720	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	90.39	9.34
		For Work In Restricted Working Space, Add	*5.60*	
23 05 29 00-0721	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	97.29	9.70
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0722	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	103.59	9.97
		For Work In Restricted Working Space, Add	*6.01*	
23 05 29 00-0723	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	109.87	10.35
		For Work In Restricted Working Space, Add	*6.21*	
23 05 29 00-0724	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	82.92	9.70
		For Work In Restricted Working Space, Add	*5.80*	
23 05 29 00-0725	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	85.68	9.79
		For Work In Restricted Working Space, Add	*5.87*	
23 05 29 00-0726	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	88.44	9.88
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0727	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	91.18	10.07
		For Work In Restricted Working Space, Add	*6.03*	
23 05 29 00-0728	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	96.66	10.35
		For Work In Restricted Working Space, Add	*6.18*	
23 05 29 00-0729	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	104.92	10.71
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0730	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	113.17	11.08
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0731	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	122.01	11.44
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0732	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	130.25	11.80
		For Work In Restricted Working Space, Add	*7.09*	
23 05 29 00-0733	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	138.52	12.18
		For Work In Restricted Working Space, Add	*7.32*	

23 05 29 00-0734 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0618)*

23 05 29 00-0735	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	52.04	6.68
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0736	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	53.45	6.86
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-0737	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	54.86	7.13
		For Work In Restricted Working Space, Add	*4.25*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0738	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	55.44	7.41
		For Work In Restricted Working Space, Add	*4.43*	
23 05 29 00-0739	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	58.07	7.69
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0740	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	61.32	8.24
		For Work In Restricted Working Space, Add	*4.94*	
23 05 29 00-0741	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	63.49	8.78
		For Work In Restricted Working Space, Add	*5.29*	
23 05 29 00-0742	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	67.77	9.43
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0743	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	67.71	7.42
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0744	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	69.14	7.60
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0745	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	70.62	7.78
		For Work In Restricted Working Space, Add	*4.69*	
23 05 29 00-0746	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	72.26	8.15
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0747	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	74.93	8.42
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0748	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	80.31	9.06
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0749	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	84.66	9.61
		For Work In Restricted Working Space, Add	*5.79*	
23 05 29 00-0750	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	90.04	10.25
		For Work In Restricted Working Space, Add	*6.15*	
23 05 29 00-0751	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	91.22	8.24
		For Work In Restricted Working Space, Add	*4.97*	
23 05 29 00-0752	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	93.70	8.51
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0753	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	96.22	8.70
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0754	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	97.89	9.06
		For Work In Restricted Working Space, Add	*5.41*	
23 05 29 00-0755	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	101.65	9.34
		For Work In Restricted Working Space, Add	*5.60*	
23 05 29 00-0756	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	108.11	9.97
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0757	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	114.55	10.62
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0758	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	119.97	11.26
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0759	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	115.74	9.34
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0760	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	119.32	9.61
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0761	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	121.81	9.79
		For Work In Restricted Working Space, Add	*5.88*	
23 05 29 00-0762	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	125.58	10.16
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0763	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	131.42	10.44
		For Work In Restricted Working Space, Add	*6.27*	
23 05 29 00-0764	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	139.98	11.08
		For Work In Restricted Working Space, Add	*6.67*	
23 05 29 00-0765	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	148.56	11.71
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0766	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	158.19	12.45
		For Work In Restricted Working Space, Add	*7.45*	
23 05 29 00-0767	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	139.17	10.80
		For Work In Restricted Working Space, Add	*6.50*	
23 05 29 00-0768	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	143.79	11.08
		For Work In Restricted Working Space, Add	*6.64*	
23 05 29 00-0769	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	147.36	11.26
		For Work In Restricted Working Space, Add	*6.77*	
23 05 29 00-0770	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	151.15	11.62
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0771	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	158.09	12.00
		For Work In Restricted Working Space, Add	*7.18*	
23 05 29 00-0772	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	169.82	12.63
		For Work In Restricted Working Space, Add	*7.59*	
23 05 29 00-0773	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	180.52	13.36
		For Work In Restricted Working Space, Add	*8.00*	
23 05 29 00-0774	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	192.25	14.01
		For Work In Restricted Working Space, Add	*8.40*	
23 05 29 00-0775	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	177.59	12.90
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0776	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	182.28	13.18
		For Work In Restricted Working Space, Add	*7.91*	
23 05 29 00-0777	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	186.94	13.46
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0778	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	191.87	13.82
		For Work In Restricted Working Space, Add	*8.29*	
23 05 29 00-0779	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	200.90	14.19
		For Work In Restricted Working Space, Add	*8.51*	
23 05 29 00-0780	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	214.93	14.92
		For Work In Restricted Working Space, Add	*8.97*	
23 05 29 00-0781	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	228.94	15.74
		For Work In Restricted Working Space, Add	*9.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0782	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	243.91	16.47
		For Work In Restricted Working Space, Add	*9.89*	

23 05 29 00-0783 Attachments *(23 05 29 00-0617)*

23 05 29 00-0784 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0783)*

Note: Type 22.

23 05 29 00-0785	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	36.52	8.52
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0786	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	38.95	8.95
		For Work In Restricted Working Space, Add	*5.39*	
23 05 29 00-0787	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	41.46	9.46
		For Work In Restricted Working Space, Add	*5.69*	
23 05 29 00-0788	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	52.67	10.07
		For Work In Restricted Working Space, Add	*6.02*	
23 05 29 00-0789	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	63.04	10.66
		For Work In Restricted Working Space, Add	*6.39*	
23 05 29 00-0790	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	88.06	12.19
		For Work In Restricted Working Space, Add	*7.31*	
23 05 29 00-0791	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	124.21	12.79
		For Work In Restricted Working Space, Add	*7.67*	

23 05 29 00-0792 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0783)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0793	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	13.82	4.67
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0794	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	16.33	5.95
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0795	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	18.43	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0796	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	23.38	6.86
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0797	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	33.33	7.33
		For Work In Restricted Working Space, Add	*4.58*	

23 05 29 00-0798 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0783)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0799	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	36.16	6.41
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0800	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	52.48	8.24
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0801	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	74.33	9.16
		For Work In Restricted Working Space, Add	*5.49*	
23 05 29 00-0802	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	88.78	10.07
		For Work In Restricted Working Space, Add	*6.10*	
23 05 29 00-0803	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	211.86	10.98
		For Work In Restricted Working Space, Add	*6.87*	

23 05 29 00-0804 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0783)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0805	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	11.24	2.28
		For Work In Restricted Working Space, Add	*2.75*	
23 05 29 00-0806	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	12.17	2.75
		For Work In Restricted Working Space, Add	*2.89*	
23 05 29 00-0807	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	13.07	2.75
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0808	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	14.76	2.75
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0809	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.29	3.20
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0810	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	16.35	3.20
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0811	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	23.03	3.20
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0812	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	25.34	3.66
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0813	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	30.42	4.11
		For Work In Restricted Working Space, Add	*4.58*	

23 05 29 00-0814 Copper Standoff Brackets With Flange *(23 05 29 00-0783)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0815	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	27.93	13.09
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0816	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	28.04	13.09
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0817	EA	Clamp Size 1", Copper Standoff Brackets With Flange	28.14	13.09
		For Work In Restricted Working Space, Add	*7.85*	
23 05 29 00-0818	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	29.94	13.92
		For Work In Restricted Working Space, Add	*8.32*	
23 05 29 00-0819	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	30.15	13.92
		For Work In Restricted Working Space, Add	*8.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0820		Malleable Iron Eye Sockets (B-Line B-3222) *(23 05 29 00-0783)* Note: Type 16.		
23 05 29 00-0821	EA	3/8" Rod Size, Malleable Iron Eye Socket	8.05	1.37
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0822	EA	1/2" Rod Size, Malleable Iron Eye Socket	10.27	1.83
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0823	EA	5/8" Rod Size, Malleable Iron Eye Socket	17.28	1.83
		For Work In Restricted Working Space, Add	*1.11*	
23 05 29 00-0824	EA	3/4" Rod Size, Malleable Iron Eye Socket	24.13	1.83
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0825	EA	7/8" Rod Size, Malleable Iron Eye Socket	26.15	2.28
		For Work In Restricted Working Space, Add	*1.37*	
23 05 29 00-0826		Steel Weldless Eye Nuts (B-Line B-3200) *(23 05 29 00-0783)* Note: Type 17.		
23 05 29 00-0827	EA	3/8" Rod Size, Steel Weldless Eye Nut	25.29	1.37
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0828	EA	1/2" Rod Size, Steel Weldless Eye Nut	26.17	1.83
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0829	EA	5/8" Rod Size, Steel Weldless Eye Nut	26.21	1.83
		For Work In Restricted Working Space, Add	*1.11*	
23 05 29 00-0830	EA	3/4" Rod Size, Steel Weldless Eye Nut	26.17	1.83
		For Work In Restricted Working Space, Add	*1.10*	
23 05 29 00-0831	EA	7/8" Rod Size, Steel Weldless Eye Nut	50.58	2.01
		For Work In Restricted Working Space, Add	*1.24*	
23 05 29 00-0832	EA	1" Rod Size, Steel Weldless Eye Nut	51.04	2.28
		For Work In Restricted Working Space, Add	*1.37*	
23 05 29 00-0833		Top Mount I-Beam Clamps (B-Line B-3042) *(23 05 29 00-0783)* Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0834	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	18.08	4.26
		For Work In Restricted Working Space, Add	*2.56*	
23 05 29 00-0835	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	21.63	4.69
		For Work In Restricted Working Space, Add	*2.82*	
23 05 29 00-0836	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	26.06	5.11
		For Work In Restricted Working Space, Add	*3.10*	
23 05 29 00-0837	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	35.35	5.54
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0838	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	53.71	6.40
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0839	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	18.97	4.26
		For Work In Restricted Working Space, Add	*2.56*	
23 05 29 00-0840	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	22.89	4.69
		For Work In Restricted Working Space, Add	*2.82*	
23 05 29 00-0841	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	26.06	5.11
		For Work In Restricted Working Space, Add	*3.10*	
23 05 29 00-0842	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	38.65	5.54
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0843	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	59.34	6.40
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0844	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	21.03	4.26
		For Work In Restricted Working Space, Add	*2.56*	
23 05 29 00-0845	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	25.21	4.69
		For Work In Restricted Working Space, Add	*2.82*	
23 05 29 00-0846	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	31.50	5.11
		For Work In Restricted Working Space, Add	*3.10*	
23 05 29 00-0847	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	44.82	5.54
		For Work In Restricted Working Space, Add	*3.26*	
23 05 29 00-0848	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	71.41	6.40
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0849		Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0783)* Note: Type 34.		
23 05 29 00-0850	EA	3/8" Rod Size, Side Beam Bracket	15.29	5.95
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0851	EA	1/2" Rod Size, Side Beam Bracket	17.92	5.95
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0852	EA	5/8" Rod Size, Side Beam Bracket	22.81	6.41
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0853	EA	3/4" Rod Size, Side Beam Bracket	39.28	6.86
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0854	EA	7/8" Rod Size, Side Beam Bracket	45.82	7.78
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0855		Hex Lag Bolts *(23 05 29 00-0783)* Note: Also known as coach screws.		
23 05 29 00-0856	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	2.37	
		For Work In Restricted Working Space, Add	*0.57*	
23 05 29 00-0857	EA	3/8" x 4" Long, Hex Lag Bolt	2.38	
		For Work In Restricted Working Space, Add	*0.59*	
23 05 29 00-0858	EA	3/8" x 6" Long, Hex Lag Bolt	2.64	
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0859	EA	3/8" x 8" Long, Hex Lag Bolt	3.10	
		For Work In Restricted Working Space, Add	*0.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0860	EA	3/8" x 10" Long, Hex Lag Bolt	3.29	
		For Work In Restricted Working Space, Add	*0.66*	
23 05 29 00-0861	EA	3/8" x 12" Long, Hex Lag Bolt	4.12	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0862	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	3.16	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0863	EA	1/2" x 4" Long, Hex Lag Bolt	3.18	
		For Work In Restricted Working Space, Add	*0.71*	
23 05 29 00-0864	EA	1/2" x 6" Long, Hex Lag Bolt	3.63	
		For Work In Restricted Working Space, Add	*0.74*	
23 05 29 00-0865	EA	1/2" x 8" Long, Hex Lag Bolt	4.14	
		For Work In Restricted Working Space, Add	*0.78*	
23 05 29 00-0866	EA	1/2" x 10" Long, Hex Lag Bolt	4.81	
		For Work In Restricted Working Space, Add	*0.82*	
23 05 29 00-0867	EA	1/2" x 12" Long, Hex Lag Bolt	5.13	
		For Work In Restricted Working Space, Add	*0.86*	
23 05 29 00-0868	EA	5/8" x 4" Long, Hex Lag Bolt	4.26	
		For Work In Restricted Working Space, Add	*0.77*	
23 05 29 00-0869	EA	3/4" x 5" Long, Hex Lag Bolt	4.91	
		For Work In Restricted Working Space, Add	*0.78*	

23 05 29 00-0870 Stainless Steel *(23 05 29 00-0617)*

23 05 29 00-0871 304 Stainless Steel Threaded Rod *(23 05 29 00-0870)*

23 05 29 00-0872	LF	1/4" Diameter, 304 Stainless Steel Threaded Rod	2.23	0.45
		For Work In Restricted Working Space, Add	*0.28*	
23 05 29 00-0873	LF	5/16" Diameter, 304 Stainless Steel Threaded Rod	3.24	0.45
		For Work In Restricted Working Space, Add	*0.30*	
23 05 29 00-0874	LF	3/8" Diameter, 304 Stainless Steel Threaded Rod	4.03	0.55
		For Work In Restricted Working Space, Add	*0.31*	
23 05 29 00-0875	LF	7/16" Diameter, 304 Stainless Steel Threaded Rod	5.53	0.55
		For Work In Restricted Working Space, Add	*0.33*	
23 05 29 00-0876	LF	1/2" Diameter, 304 Stainless Steel Threaded Rod	6.62	0.55
		For Work In Restricted Working Space, Add	*0.35*	
23 05 29 00-0877	LF	5/8" Diameter, 304 Stainless Steel Threaded Rod	9.83	0.64
		For Work In Restricted Working Space, Add	*0.36*	
23 05 29 00-0878	LF	3/4" Diameter, 304 Stainless Steel Threaded Rod	13.68	0.64
		For Work In Restricted Working Space, Add	*0.38*	
23 05 29 00-0879	LF	7/8" Diameter, 304 Stainless Steel Threaded Rod	18.74	0.64
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0880	LF	1" Diameter, 304 Stainless Steel Threaded Rod	23.99	0.73
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0881	LF	1-1/4" Diameter, 304 Stainless Steel Threaded Rod	50.40	0.92
		For Work In Restricted Working Space, Add	*0.57*	

23 05 29 00-0882 304 Stainless Steel Flat Washers *(23 05 29 00-0870)*

23 05 29 00-0883	EA	3/8", 304 Stainless Steel Flat Washer	0.53	0.18
		For Work In Restricted Working Space, Add	*0.11*	
23 05 29 00-0884	EA	1/2", 304 Stainless Steel Flat Washer	0.95	0.18
		For Work In Restricted Working Space, Add	*0.13*	

23 05 29 00-0885 304 Stainless Steel Hex Nuts *(23 05 29 00-0870)*

23 05 29 00-0886	EA	3/8-16, 304 Stainless Steel Hex Nut	1.97	0.92
		For Work In Restricted Working Space, Add	*0.53*	
23 05 29 00-0887	EA	1/2-13, 304 Stainless Steel Hex Nut	2.44	0.92
		For Work In Restricted Working Space, Add	*0.57*	

23 05 29 00-0888 316 Stainless Steel U-Bolts *(23 05 29 00-0870)*

Note: Type 24. Includes nuts.

23 05 29 00-0889	EA	1/2" Pipe Size, 316 Stainless Steel U-Bolt	15.54	4.58
		For Work In Restricted Working Space, Add	*2.75*	
23 05 29 00-0890	EA	3/4" Pipe Size, 316 Stainless Steel U-Bolt	16.13	4.85
		For Work In Restricted Working Space, Add	*2.89*	
23 05 29 00-0891	EA	1" Pipe Size, 316 Stainless Steel U-Bolt	16.86	5.12
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0892	EA	1-1/4" Pipe Size, 316 Stainless Steel U-Bolt	17.65	5.40
		For Work In Restricted Working Space, Add	*3.23*	
23 05 29 00-0893	EA	1-1/2" Pipe Size, 316 Stainless Steel U-Bolt	18.54	5.67
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0894	EA	2" Pipe Size, 316 Stainless Steel U-Bolt	22.04	6.13
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0895	EA	2-1/2" Pipe Size, 316 Stainless Steel U-Bolt	23.59	6.50
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0896	EA	3" Pipe Size, 316 Stainless Steel U-Bolt	25.32	7.04
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0897	EA	3-1/2" Pipe Size, 316 Stainless Steel U-Bolt	26.51	7.32
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0898	EA	4" Pipe Size, 316 Stainless Steel U-Bolt	27.88	7.60
		For Work In Restricted Working Space, Add	*4.58*	
23 05 29 00-0899	EA	5" Pipe Size, 316 Stainless Steel U-Bolt	43.54	7.87
		For Work In Restricted Working Space, Add	*4.70*	
23 05 29 00-0900	EA	6" Pipe Size, 316 Stainless Steel U-Bolt	67.70	7.96
		For Work In Restricted Working Space, Add	*4.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0901	EA	8" Pipe Size, 316 Stainless Steel U-Bolt	97.32	8.15
		For Work In Restricted Working Space, Add	*4.90*	
23 05 29 00-0902	EA	10" Pipe Size, 316 Stainless Steel U-Bolt	135.78	8.42
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0903	EA	12" Pipe Size, 316 Stainless Steel U-Bolt	205.90	8.69
		For Work In Restricted Working Space, Add	*5.20*	

23 05 29 00-0904 Shields And Saddles *(23 05 29)*

23 05 29 00-0905 Insulation Protection Shield *(23 05 29 00-0904)*

Note: Type 40.

23 05 29 00-0906 Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0905)*

Note: Type 40.

23 05 29 00-0907	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	13.74	2.19
		For Work In Restricted Working Space, Add	*2.20*	
23 05 29 00-0908	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	13.95	2.22
		For Work In Restricted Working Space, Add	*2.23*	
23 05 29 00-0909	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	14.31	2.25
		For Work In Restricted Working Space, Add	*2.25*	
23 05 29 00-0910	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	15.01	2.27
		For Work In Restricted Working Space, Add	*2.28*	
23 05 29 00-0911	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	16.70	2.33
		For Work In Restricted Working Space, Add	*2.33*	
23 05 29 00-0912	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length	20.62	2.39
		For Work In Restricted Working Space, Add	*2.39*	
23 05 29 00-0913	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length	24.17	2.45
		For Work In Restricted Working Space, Add	*2.45*	
23 05 29 00-0914	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length	29.79	2.50
		For Work In Restricted Working Space, Add	*2.50*	
23 05 29 00-0915	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length	38.60	2.53
		For Work In Restricted Working Space, Add	*2.53*	
23 05 29 00-0916	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length	42.15	2.56
		For Work In Restricted Working Space, Add	*2.55*	
23 05 29 00-0917	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length	58.50	2.58
		For Work In Restricted Working Space, Add	*2.58*	
23 05 29 00-0918	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length	65.89	2.61
		For Work In Restricted Working Space, Add	*2.61*	
23 05 29 00-0919	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length	123.37	2.64
		For Work In Restricted Working Space, Add	*2.64*	
23 05 29 00-0920	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length	134.19	2.69
		For Work In Restricted Working Space, Add	*2.69*	
23 05 29 00-0921	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length	162.46	2.75
		For Work In Restricted Working Space, Add	*2.75*	

23 05 29 00-0922 Insulation Protection Shield (Cooper B-Line B3154) *(23 05 29 00-0905)*

Note: Type 40.

23 05 29 00-0923	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	11.98	2.19
		For Work In Restricted Working Space, Add	*2.20*	
23 05 29 00-0924	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	12.16	2.22
		For Work In Restricted Working Space, Add	*2.23*	
23 05 29 00-0925	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	12.44	2.25
		For Work In Restricted Working Space, Add	*2.25*	
23 05 29 00-0926	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	12.97	2.27
		For Work In Restricted Working Space, Add	*2.28*	
23 05 29 00-0927	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	14.25	2.33
		For Work In Restricted Working Space, Add	*2.33*	
23 05 29 00-0928	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length	17.14	2.39
		For Work In Restricted Working Space, Add	*2.39*	
23 05 29 00-0929	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length	18.49	2.45
		For Work In Restricted Working Space, Add	*2.45*	
23 05 29 00-0930	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length	23.89	2.50
		For Work In Restricted Working Space, Add	*2.50*	
23 05 29 00-0931	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length	28.91	2.53
		For Work In Restricted Working Space, Add	*2.53*	

23 05 29 00-0932 Pipe Covering Protection Saddle *(23 05 29 00-0904)*

Note: Type 39, sizes are pipe sizes.

23 05 29 00-0933 Saddle, For 1" Insulation (Cooper B-Line B3160) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-0934	EA	3/4" Pipe Saddle, Type 39 (For 1" Insulation)	21.28	3.02
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0935	EA	1" Pipe Saddle, Type 39 (For 1" Insulation)	21.36	3.05
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0936	EA	1-1/4" Pipe Saddle, Type 39 (For 1" Insulation)	21.44	3.07
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0937	EA	1-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	22.55	3.12
		For Work In Restricted Working Space, Add	*3.12*	
23 05 29 00-0938	EA	2" Pipe Saddle, Type 39 (For 1" Insulation)	22.63	3.15
		For Work In Restricted Working Space, Add	*3.14*	
23 05 29 00-0939	EA	2-1/2" Pipe Saddle, Type 39 (For 1" Insulation)	23.42	3.20
		For Work In Restricted Working Space, Add	*3.20*	
23 05 29 00-0940	EA	3" Pipe Saddle, Type 39 (For 1" Insulation)	26.24	3.25
		For Work In Restricted Working Space, Add	*3.25*	
23 05 29 00-0941	EA	4" Pipe Saddle, Type 39 (For 1" Insulation)	29.67	3.30
		For Work In Restricted Working Space, Add	*3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0942	EA	6" Pipe Saddle, Type 39 (For 1" Insulation)	33.55	3.40
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0943	EA	8" Pipe Saddle, Type 39 (For 1" Insulation)	41.23	3.52
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-0944	EA	10" Pipe Saddle, Type 39 (For 1" Insulation)	46.31	3.58
		For Work In Restricted Working Space, Add	*3.58*	
23 05 29 00-0945	EA	12" Pipe Saddle, Type 39 (For 1" Insulation)	55.26	3.58
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0946	EA	14" Pipe Saddle, Type 39 (For 1" Insulation)	60.52	3.71
		For Work In Restricted Working Space, Add	*3.71*	

23 05 29 00-0947 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-0948	EA	3/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	24.26	3.02
		For Work In Restricted Working Space, Add	*3.02*	
23 05 29 00-0949	EA	1" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	24.34	3.05
		For Work In Restricted Working Space, Add	*3.05*	
23 05 29 00-0950	EA	1-1/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	24.42	3.07
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0951	EA	1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	25.34	3.12
		For Work In Restricted Working Space, Add	*3.12*	
23 05 29 00-0952	EA	2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	27.49	3.15
		For Work In Restricted Working Space, Add	*3.14*	
23 05 29 00-0953	EA	2-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	29.74	3.20
		For Work In Restricted Working Space, Add	*3.20*	
23 05 29 00-0954	EA	3" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	30.24	3.25
		For Work In Restricted Working Space, Add	*3.25*	
23 05 29 00-0955	EA	4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	34.60	3.25
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0956	EA	6" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	39.13	3.40
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0957	EA	8" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	46.70	3.52
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-0958	EA	10" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	52.78	3.58
		For Work In Restricted Working Space, Add	*3.58*	
23 05 29 00-0959	EA	12" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	63.24	3.66
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0960	EA	14" Pipe Saddle, Type 39 (For 1-1/2" Insulation)	69.46	3.71
		For Work In Restricted Working Space, Add	*3.71*	

23 05 29 00-0961 Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-0962	EA	3/4" Pipe Saddle, Type 39 (For 2" Insulation)	25.99	3.17
		For Work In Restricted Working Space, Add	*3.17*	
23 05 29 00-0963	EA	1" Pipe Saddle, Type 39 (For 2" Insulation)	26.08	3.20
		For Work In Restricted Working Space, Add	*3.20*	
23 05 29 00-0964	EA	1-1/4" Pipe Saddle, Type 39 (For 2" Insulation)	27.55	3.22
		For Work In Restricted Working Space, Add	*3.22*	
23 05 29 00-0965	EA	1-1/2" Pipe Saddle, Type 39 (For 2" Insulation)	28.42	3.27
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0966	EA	2" Pipe Saddle, Type 39 (For 2" Insulation)	29.21	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0967	EA	2-1/2" Pipe Saddle, Type 39 (For 2" Insulation)	29.38	3.36
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0968	EA	3" Pipe Saddle, Type 39 (For 2" Insulation)	31.15	3.41
		For Work In Restricted Working Space, Add	*3.40*	
23 05 29 00-0969	EA	4" Pipe Saddle, Type 39 (For 2" Insulation)	32.93	3.46
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0970	EA	6" Pipe Saddle, Type 39 (For 2" Insulation)	42.58	3.58
		For Work In Restricted Working Space, Add	*3.58*	
23 05 29 00-0971	EA	8" Pipe Saddle, Type 39 (For 2" Insulation)	48.53	3.71
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0972	EA	10" Pipe Saddle, Type 39 (For 2" Insulation)	51.05	3.76
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-0973	EA	12" Pipe Saddle, Type 39 (For 2" Insulation)	69.81	3.84
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0974	EA	14" Pipe Saddle, Type 39 (For 2" Insulation)	77.57	3.89
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0975	EA	16" Pipe Saddle, Type 39 (For 2" Insulation)	85.51	3.99
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0976	EA	18" Pipe Saddle, Type 39 (For 2" Insulation)	93.45	4.10
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0977	EA	20" Pipe Saddle, Type 39 (For 2" Insulation)	102.70	4.20
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0978	EA	24" Pipe Saddle, Type 39 (For 2" Insulation)	117.99	4.30
		For Work In Restricted Working Space, Add	*4.30*	

23 05 29 00-0979 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-0980	EA	1-1/4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	29.31	3.30
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0981	EA	1-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	31.04	3.35
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0982	EA	2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	31.92	3.38
		For Work In Restricted Working Space, Add	*3.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0983	EA	2-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	32.86	3.43
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0984	EA	3" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	33.13	3.49
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0985	EA	4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	38.91	3.55
		For Work In Restricted Working Space, Add	*3.56*	
23 05 29 00-0986	EA	6" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	44.86	3.66
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-0987	EA	8" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	52.63	3.79
		For Work In Restricted Working Space, Add	*3.79*	
23 05 29 00-0988	EA	10" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	56.57	3.85
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0989	EA	12" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	71.61	3.93
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0990	EA	14" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	85.58	3.99
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0991	EA	16" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	99.71	4.09
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0992	EA	18" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	106.05	4.19
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0993	EA	20" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	113.11	4.30
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0994	EA	24" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	120.17	4.40
		For Work In Restricted Working Space, Add	*4.40*	

23 05 29 00-0995 Saddle, For 3" Insulation (Cooper B-Line B3164) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-0996	EA	2" Pipe Saddle, Type 39 (For 3" Insulation)	33.04	3.46
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0997	EA	2-1/2" Pipe Saddle, Type 39 (For 3" Insulation)	36.27	3.52
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-0998	EA	3" Pipe Saddle, Type 39 (For 3" Insulation)	37.92	3.58
		For Work In Restricted Working Space, Add	*3.58*	
23 05 29 00-0999	EA	4" Pipe Saddle, Type 39 (For 3" Insulation)	39.55	3.64
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-1000	EA	6" Pipe Saddle, Type 39 (For 3" Insulation)	45.84	3.74
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-1001	EA	8" Pipe Saddle, Type 39 (For 3" Insulation)	58.20	3.88
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-1002	EA	10" Pipe Saddle, Type 39 (For 3" Insulation)	63.32	3.94
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-1003	EA	12" Pipe Saddle, Type 39 (For 3" Insulation)	83.43	4.02
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-1004	EA	14" Pipe Saddle, Type 39 (For 3" Insulation)	100.25	4.09
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-1005	EA	16" Pipe Saddle, Type 39 (For 3" Insulation)	117.09	4.18
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-1006	EA	18" Pipe Saddle, Type 39 (For 3" Insulation)	119.29	4.29
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-1007	EA	20" Pipe Saddle, Type 39 (For 3" Insulation)	121.41	4.39
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-1008	EA	24" Pipe Saddle, Type 39 (For 3" Insulation)	155.13	4.50
		For Work In Restricted Working Space, Add	*4.50*	

23 05 29 00-1009 Saddle, For 4" Insulation (Cooper B-Line B3165) *(23 05 29 00-0932)*

Note: Type 39.

23 05 29 00-1010	EA	2" Pipe Saddle, Type 39 (For 4" Insulation)	37.60	3.54
		For Work In Restricted Working Space, Add	*3.53*	
23 05 29 00-1011	EA	2-1/2" Pipe Saddle, Type 39 (For 4" Insulation)	41.41	3.60
		For Work In Restricted Working Space, Add	*3.61*	
23 05 29 00-1012	EA	3" Pipe Saddle, Type 39 (For 4" Insulation)	43.36	3.66
		For Work In Restricted Working Space, Add	*3.66*	
23 05 29 00-1013	EA	4" Pipe Saddle, Type 39 (For 4" Insulation)	45.40	3.71
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-1014	EA	6" Pipe Saddle, Type 39 (For 4" Insulation)	56.07	3.83
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-1015	EA	8" Pipe Saddle, Type 39 (For 4" Insulation)	66.72	3.97
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-1016	EA	10" Pipe Saddle, Type 39 (For 4" Insulation)	69.04	4.03
		For Work In Restricted Working Space, Add	*4.04*	
23 05 29 00-1017	EA	12" Pipe Saddle, Type 39 (For 4" Insulation)	89.26	4.12
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-1018	EA	14" Pipe Saddle, Type 39 (For 4" Insulation)	109.18	4.17
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-1019	EA	16" Pipe Saddle, Type 39 (For 4" Insulation)	129.25	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-1020	EA	18" Pipe Saddle, Type 39 (For 4" Insulation)	158.91	4.38
		For Work In Restricted Working Space, Add	*4.37*	
23 05 29 00-1021	EA	20" Pipe Saddle, Type 39 (For 4" Insulation)	188.39	4.49
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-1022	EA	24" Pipe Saddle, Type 39 (For 4" Insulation)	201.73	4.60
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-1023	EA	30" Pipe Saddle, Type 39 (For 4" Insulation)	212.42	4.73
		For Work In Restricted Working Space, Add	*4.73*	
23 05 29 00-1024	EA	36" Pipe Saddle, Type 39 (For 4" Insulation)	220.33	4.84
		For Work In Restricted Working Space, Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1025		Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0904)* Note: Type 38.		
23 05 29 00-1026	EA	2" Adjustable Pipe Saddle Support, Type 38	85.85	11.44
23 05 29 00-1027	EA	3" Adjustable Pipe Saddle Support, Type 38	90.60	13.27
23 05 29 00-1028	EA	4" Adjustable Pipe Saddle Support, Type 38	110.36	15.11
23 05 29 00-1029	EA	5" Adjustable Pipe Saddle Support, Type 38	114.83	16.47
23 05 29 00-1030	EA	6" Adjustable Pipe Saddle Support, Type 38	127.41	18.31
23 05 29 00-1031	EA	8" Adjustable Pipe Saddle Support, Type 38	144.01	22.89
23 05 29 00-1032	EA	10" Adjustable Pipe Saddle Support, Type 38	188.08	30.66
23 05 29 00-1033	EA	12" Adjustable Pipe Saddle Support, Type 38	229.12	45.77
23 05 29 00-1034		Pipe Stanchion Support (Cooper B-Line B3090) *(23 05 29 00-0904)* Note: Type 37.		
23 05 29 00-1035	EA	2-1/2" Pipe Stanchion Support With U-Bolt, Type 37	107.37	11.44
23 05 29 00-1036	EA	3" Pipe Stanchion Support With U-Bolt, Type 37	110.64	13.27
23 05 29 00-1037	EA	3-1/2" Pipe Stanchion Support With U-Bolt, Type 37	118.48	14.19
23 05 29 00-1038	EA	4" Pipe Stanchion Support With U-Bolt, Type 37	120.61	15.11
23 05 29 00-1039	EA	5" Pipe Stanchion Support With U-Bolt, Type 37	126.63	16.47
23 05 29 00-1040	EA	6" Pipe Stanchion Support With U-Bolt, Type 37	133.90	18.31
23 05 29 00-1041	EA	8" Pipe Stanchion Support With U-Bolt, Type 37	170.19	22.89
23 05 29 00-1042	EA	10" Pipe Stanchion Support With U-Bolt, Type 37	229.74	30.66
23 05 29 00-1043	EA	12" Pipe Stanchion Support With U-Bolt, Type 37	298.09	45.77
23 05 29 00-1044		Pipe Saddle Support (Cooper B-Line B3095) *(23 05 29 00-0904)* Note: Type 36.		
23 05 29 00-1045	EA	2-1/2" Pipe Saddle Support, Type 36	52.83	11.44
23 05 29 00-1046	EA	3" Pipe Saddle Support, Type 36	56.10	13.27
23 05 29 00-1047	EA	3-1/2" Pipe Saddle Support, Type 36	86.85	14.19
23 05 29 00-1048	EA	4" Pipe Saddle Support, Type 36	88.98	15.11
23 05 29 00-1049	EA	5" Pipe Saddle Support, Type 36	97.95	16.47
23 05 29 00-1050	EA	6" Pipe Saddle Support, Type 36	108.56	18.31
23 05 29 00-1051	EA	8" Pipe Saddle Support, Type 36	123.76	22.89
23 05 29 00-1052	EA	10" Pipe Saddle Support, Type 36	142.81	30.66
23 05 29 00-1053	EA	12" Pipe Saddle Support, Type 36	177.43	45.77
23 05 29 00-1054		360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0904)* Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-1055		1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*		
23 05 29 00-1056	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.99	5.91
23 05 29 00-1057	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.18	5.91
23 05 29 00-1058	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.23	5.91
23 05 29 00-1059	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.42	5.91
23 05 29 00-1060	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.35	6.28
23 05 29 00-1061	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.96	6.46
23 05 29 00-1062	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.67	6.73
23 05 29 00-1063	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.43	7.00
23 05 29 00-1064	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.71	7.27
23 05 29 00-1065	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.12	6.28
23 05 29 00-1066	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.26	8.18
23 05 29 00-1067	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.20	9.64
23 05 29 00-1068	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.81	11.19
23 05 29 00-1069	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.96	11.55
23 05 29 00-1070		1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*		
23 05 29 00-1071	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	10.90	4.46
23 05 29 00-1072	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.84	4.46
23 05 29 00-1073	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.09	4.55
23 05 29 00-1074	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.46	4.64
23 05 29 00-1075	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.81	4.64
23 05 29 00-1076	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.42	4.82
23 05 29 00-1077	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.15	5.00
23 05 29 00-1078	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.55	5.09
23 05 29 00-1079	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.96	5.54
23 05 29 00-1080	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.39	9.55
23 05 29 00-1081	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.39	7.18
23 05 29 00-1082	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.80	8.45
23 05 29 00-1083	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.38	9.73
23 05 29 00-1084	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.77	11.73
23 05 29 00-1085		2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*		
23 05 29 00-1086	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.65	5.09
23 05 29 00-1087	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.80	5.09
23 05 29 00-1088	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.26	5.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1089	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.66	5.27
23 05 29 00-1090	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.08	5.36
23 05 29 00-1091	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.69	5.54
23 05 29 00-1092	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.54	5.72
23 05 29 00-1093	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.34	5.91
23 05 29 00-1094	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.06	6.28
23 05 29 00-1095	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.93	7.09
23 05 29 00-1096	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.15	12.09
23 05 29 00-1097	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.88	14.00
23 05 29 00-1098	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.18	16.55
23 05 29 00-1099	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.80	18.55
23 05 29 00-1100	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.94	20.92
23 05 29 00-1101	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.66	24.55
23 05 29 00-1102	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.03	27.27
23 05 29 00-1103	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.67	30.92

23 05 29 00-1104 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*

23 05 29 00-1105	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.81	5.91
23 05 29 00-1106	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.98	5.91
23 05 29 00-1107	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.53	6.00
23 05 29 00-1108	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.93	6.10
23 05 29 00-1109	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.34	6.10
23 05 29 00-1110	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.11	6.37
23 05 29 00-1111	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.08	6.55
23 05 29 00-1112	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.98	6.82
23 05 29 00-1113	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.94	7.18
23 05 29 00-1114	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.23	8.18
23 05 29 00-1115	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.63	9.09
23 05 29 00-1116	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.86	10.45
23 05 29 00-1117	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.19	13.00
23 05 29 00-1118	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.82	14.28
23 05 29 00-1119	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.12	18.19
23 05 29 00-1120	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.43	19.10
23 05 29 00-1121	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	75.52	21.82
23 05 29 00-1122	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	89.38	26.37

23 05 29 00-1123 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*

23 05 29 00-1124	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.34	6.10
23 05 29 00-1125	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.74	6.37
23 05 29 00-1126	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.96	6.37
23 05 29 00-1127	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.80	6.55
23 05 29 00-1128	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.75	6.73
23 05 29 00-1129	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.83	6.82
23 05 29 00-1130	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.80	7.00
23 05 29 00-1131	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	42.56	7.45
23 05 29 00-1132	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.73	7.73
23 05 29 00-1133	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	53.43	9.46
23 05 29 00-1134	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	68.07	10.36
23 05 29 00-1135	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	80.76	10.91
23 05 29 00-1136	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	93.22	14.09
23 05 29 00-1137	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	104.70	15.00
23 05 29 00-1138	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	126.38	20.00
23 05 29 00-1139	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	136.01	21.82
23 05 29 00-1140	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	153.92	23.64
23 05 29 00-1141	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	180.93	29.10

23 05 29 00-1142 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*

23 05 29 00-1143	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.81	5.91
23 05 29 00-1144	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.32	7.18
23 05 29 00-1145	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.07	7.18
23 05 29 00-1146	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.52	7.27
23 05 29 00-1147	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.09	7.36
23 05 29 00-1148	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.89	7.64
23 05 29 00-1149	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.06	7.91
23 05 29 00-1150	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.09	8.18
23 05 29 00-1151	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.54	8.64
23 05 29 00-1152	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.47	9.82
23 05 29 00-1153	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.32	10.91
23 05 29 00-1154	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	47.83	12.55
23 05 29 00-1155	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	55.41	15.63
23 05 29 00-1156	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.20	17.09
23 05 29 00-1157	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.55	21.82
23 05 29 00-1158	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	79.73	22.91
23 05 29 00-1159	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	90.68	26.19
23 05 29 00-1160	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	107.26	31.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1161		4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1054)*		
23 05 29 00-1162	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.64	8.00
23 05 29 00-1163	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.88	8.00
23 05 29 00-1164	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.66	8.09
23 05 29 00-1165	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.26	8.18
23 05 29 00-1166	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.69	8.18
23 05 29 00-1167	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.10	8.73
23 05 29 00-1168	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.06	8.82
23 05 29 00-1169	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.32	9.19
23 05 29 00-1170	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.96	9.73
23 05 29 00-1171	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.38	11.01
23 05 29 00-1172	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	44.67	11.91
23 05 29 00-1173	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	53.83	14.19
23 05 29 00-1174	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.34	17.64
23 05 29 00-1175	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	69.99	19.19
23 05 29 00-1176	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	83.92	24.55
23 05 29 00-1177	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	89.64	25.74
23 05 29 00-1178	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.00	29.46
23 05 29 00-1179	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	120.69	35.65
23 05 29 00-1180	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	138.33	41.91
23 05 29 00-1181	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	158.29	49.46
23 05 29 00-1182	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	180.32	58.46
23 05 29 00-1183	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	261.36	90.28
23 05 29 00-1184	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	282.55	99.38
23 05 29 00-1185	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	301.76	107.29
23 05 29 00-1186		Equipment Housekeeping Pads *(23 05 29)*		
		See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.		
23 05 29 00-1187		Molded Plastic Condenser Pad *(23 05 29 00-1186)*		
23 05 29 00-1188	EA	30" Round Molded Plastic Pad	53.45	11.44
23 05 29 00-1189	EA	30" Octagon Molded Plastic Pad	55.46	11.44
23 05 29 00-1190	EA	30" x 30" Molded Plastic Pad	53.45	11.44
23 05 29 00-1191	EA	36" x 36" Molded Plastic Pad	65.50	11.44
23 05 29 00-1192	EA	36" x 48" Molded Plastic Pad	88.05	11.44
23 05 29 00-1193		Inertia Base *(23 05 29 00-1186)*		
		Note: Includes spring isolators.		
23 05 29 00-1194	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	765.41	
23 05 29 00-1195	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	921.81	
23 05 29 00-1196	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	1,055.64	
23 05 29 00-1197	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	1,204.52	
23 05 29 00-1198		Hanger Assemblies *(23 05 29)*		
		Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1199	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly	39.12	14.23
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*9.16*	
23 05 29 00-1200	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly	40.80	15.07
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*9.66*	
23 05 29 00-1201	EA	1" Standard Duty Clevis Pipe Hanger Assembly	42.14	15.95
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.04*	
23 05 29 00-1202	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly	42.93	15.97
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.19*	
23 05 29 00-1203	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly	43.17	15.97
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.19*	
23 05 29 00-1204	EA	2" Standard Duty Clevis Pipe Hanger Assembly	44.15	16.10
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.34*	
23 05 29 00-1205	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly	50.08	16.74
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.23*	
23 05 29 00-1206	EA	3" Standard Duty Clevis Pipe Hanger Assembly	51.83	17.22
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*10.38*	
23 05 29 00-1207	EA	4" Standard Duty Clevis Pipe Hanger Assembly	62.14	19.43
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*11.47*	
23 05 29 00-1208	EA	6" Standard Duty Clevis Pipe Hanger Assembly	91.88	25.11
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*15.06*	
23 05 29 00-1209	EA	8" Standard Duty Clevis Pipe Hanger Assembly	108.04	29.14
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*17.48*	
23 05 29 00-1210	EA	10" Standard Duty Clevis Pipe Hanger Assembly	150.39	37.00
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*21.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1211	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	166.57	39.82
		For Work In Restricted Working Space, Add	*23.94*	

23 05 29 00-1212 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1213 Angle Iron For Hanger Devices *(23 05 29 00-1212)*

23 05 29 00-1214	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.04	1.33
23 05 29 00-1215	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	2.64	1.66
23 05 29 00-1216	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	3.23	1.99
23 05 29 00-1217	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	4.35	2.48
23 05 29 00-1218	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	4.81	2.66
23 05 29 00-1219	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	6.26	2.98
23 05 29 00-1220	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	7.75	3.63
23 05 29 00-1221	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	9.89	4.26
23 05 29 00-1222	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	11.76	4.98

23 05 29 00-1223 Channels For Hanger Devices *(23 05 29 00-1212)*

23 05 29 00-1224	LF	C2 X 1.78 - 2" Wide (Channels) For Hanger Devices	5.59	3.25
23 05 29 00-1225	LF	C3 X 4.1 - 3" Wide (Channels) For Hanger Devices	9.16	4.67
23 05 29 00-1226	LF	C4 X 5.4 - 4" Wide (Channels) For Hanger Devices	11.34	5.61
23 05 29 00-1227	LF	C5 X 6.7 - 5" Wide (Channels) For Hanger Devices	13.52	6.55
23 05 29 00-1228	LF	C6 X 8.2 - 6" Wide (Channels) For Hanger Devices	16.33	7.86
23 05 29 00-1229	LF	C7 X 9.8 - 7" Wide (Channels) For Hanger Devices	19.47	9.36
23 05 29 00-1230	LF	C8 X 11.5 - 8" Wide (Channels) For Hanger Devices	21.92	10.30

23 05 29 00-1231 Structural Bar Tees For Hanger Devices *(23 05 29 00-1212)*

23 05 29 00-1232	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	6.70	4.57
23 05 29 00-1233	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	8.05	5.41
23 05 29 00-1234	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	10.86	6.24
23 05 29 00-1235	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	13.98	8.32
23 05 29 00-1236	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	18.58	9.99
23 05 29 00-1237	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	23.39	12.90

23 05 29 00-1238 Structural Zees For Hanger Devices *(23 05 29 00-1212)*

23 05 29 00-1239	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	10.87	6.24
23 05 29 00-1240	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	12.47	6.24
23 05 29 00-1241	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	17.86	6.24
23 05 29 00-1242	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	22.09	6.24
23 05 29 00-1243	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	26.32	6.24

23 05 29 00-1244 Junior I-beams For Hanger Devices *(23 05 29 00-1212)*

23 05 29 00-1245	LF	3" I-beam (Junior) For Hanger Devices	14.06	9.15
23 05 29 00-1246	LF	4" I-beam (Junior) For Hanger Devices	15.95	9.99
23 05 29 00-1247	LF	5" I-beam (Junior) For Hanger Devices	18.13	10.81
23 05 29 00-1248	LF	6" I-beam (Junior) For Hanger Devices	19.77	12.06
23 05 29 00-1249	LF	7" I-beam (Junior) For Hanger Devices	22.88	12.90
23 05 29 00-1250	LF	8" I-beam (Junior) For Hanger Devices	24.71	13.72

23 05 33 Heat Tracing For HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator	92.75	25.62
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator	99.46	25.62
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator	121.72	25.62

23 05 48 13-0005 Vibration Isolators *(23 05 48 13)*

23 05 48 13-0006 Spring And Rubber Hanger For 1" Deflection *(23 05 48 13-0005)*

23 05 48 13-0007	EA	50-500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	131.48	16.47
23 05 48 13-0008	EA	600-1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	285.02	18.31

23 05 48 13-0009 Rubber-In-Shear Isolator Hanger *(23 05 48 13-0005)*

23 05 48 13-0010	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	70.68	13.73
23 05 48 13-0011	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	92.33	16.47

23 05 48 13-0012 Spring Hanger For 1" Deflection *(23 05 48 13-0005)*

23 05 48 13-0013	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	79.73	16.47

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0014		Rubber-In-Shear Vibration Isolator *(23 05 48 13-0005)*		
23 05 48 13-0015	EA	45-340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	146.49	31.13
23 05 48 13-0016	EA	130-700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	205.90	31.13
23 05 48 13-0017	EA	550-1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	409.75	31.13
23 05 48 13-0018		Two-Piece Spring Type Vibration Isolator *(23 05 48 13-0005)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0019	EA	50 - 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	121.46	31.13
23 05 48 13-0020	EA	>1,000 - 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	125.89	31.13
23 05 48 13-0021		Open Double Spring Type Vibration Isolator *(23 05 48 13-0005)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0022	EA	150-450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	99.08	15.56
23 05 48 13-0023	EA	500-1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	99.08	15.56
23 05 48 13-0024	EA	1,100-1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	113.84	15.56
23 05 48 13-0025	EA	1,700-2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	113.84	15.56
23 05 48 13-0026	EA	2,500-3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	180.58	15.56
23 05 48 13-0027		Isolation Pads *(23 05 48 13-0005)*		
23 05 48 13-0028		Laminated Neoprene And Cork Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0029	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	5.78	2.28
23 05 48 13-0030	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.66	2.38
23 05 48 13-0031	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.80	2.48
23 05 48 13-0032	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	42.02	2.84
23 05 48 13-0033	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	81.48	3.20
23 05 48 13-0034		Neoprene And Steel Plate Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0035	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	36.77	2.28
23 05 48 13-0036	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	40.31	2.28
23 05 48 13-0037		Neoprene Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0038	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.32	2.28
23 05 48 13-0039	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.17	2.28
23 05 48 13-0040	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.53	2.28
23 05 48 13-0041	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	41.32	2.75
23 05 48 13-0042	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	76.48	3.20
23 05 48 13-0043		Ribbed Neoprene Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0044	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.20	2.28
23 05 48 13-0045	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	5.94	2.38
23 05 48 13-0046	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.13	2.48
23 05 48 13-0047	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	10.01	2.66
23 05 48 13-0048	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	17.99	2.84
23 05 48 13-0049	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	33.96	3.20
23 05 48 13-0050		Cork And Ribbed Neoprene Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0051	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	5.47	2.28
23 05 48 13-0052	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	7.21	2.38
23 05 48 13-0053	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	9.12	2.48
23 05 48 13-0054	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	12.99	2.66
23 05 48 13-0055	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	24.39	2.84
23 05 48 13-0056	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	53.08	3.20
23 05 48 13-0057		Cork, Ribbed Neoprene And Steel Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0058	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	40.64	2.28
23 05 48 13-0059	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	50.83	2.38
23 05 48 13-0060	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	67.13	2.48
23 05 48 13-0061	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	85.66	2.66
23 05 48 13-0062	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	104.84	2.84
23 05 48 13-0063	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	127.25	3.20
23 05 48 13-0064		Rubber Cube Isolation Pad *(23 05 48 13-0027)*		
23 05 48 13-0065	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	5.56	2.28
23 05 48 13-0066	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	9.21	2.48
23 05 48 13-0067	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad	63.18	3.20
23 05 48 13-0068		Threaded Flexible Bronze Hose Connectors *(23 05 48 13)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0069	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	67.65	14.64
23 05 48 13-0070	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	77.92	20.14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0071	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	95.83	24.72
23 05 48 13-0072	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	111.21	29.30
23 05 48 13-0073	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	127.19	38.44
23 05 48 13-0074	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	142.99	40.92
23 05 48 13-0075	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	192.68	48.52
23 05 48 13-0076	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	268.77	75.61

23 05 48 13-0077 Weld End Flexible Hose Connectors *(23 05 48 13)*

23 05 48 13-0078	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	164.16	52.54
23 05 48 13-0079	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	190.29	57.67
23 05 48 13-0080	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	212.61	61.06
23 05 48 13-0081	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	238.33	69.57
23 05 48 13-0082	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	268.61	75.07
23 05 48 13-0083	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	338.75	97.67
23 05 48 13-0084	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	492.32	109.85
23 05 48 13-0085	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	601.81	123.57
23 05 48 13-0086	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	839.12	183.08

23 05 48 13-0087 Flanged Flexible Hose Connectors *(23 05 48 13)*

23 05 48 13-0088 Flanged Flexible Molded Rubber Hose Connectors *(23 05 48 13-0087)*

Note: With helical wire reinforcement 150 PSI.

23 05 48 13-0089	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	204.72	68.66
23 05 48 13-0090	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	220.84	76.25
23 05 48 13-0091	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	349.41	152.32
23 05 48 13-0092	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	477.86	226.56
23 05 48 13-0093	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	624.34	292.47
23 05 48 13-0094	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	810.46	299.02
23 05 48 13-0095	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	993.41	341.52
23 05 48 13-0096	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,300.19	406.42
23 05 48 13-0097	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	2,984.54	508.32

23 05 48 13-0098 Flanged Flexible Corrugated Stainless Steel Hose Connectors *(23 05 48 13-0087)*

Note: With braided metal wire.

23 05 48 13-0099	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	156.29	62.43
23 05 48 13-0100	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	143.02	85.86
23 05 48 13-0101	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	292.35	114.43
23 05 48 13-0102	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	371.36	171.64
23 05 48 13-0103	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	397.89	188.85
23 05 48 13-0104	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	459.25	228.66
23 05 48 13-0105	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	587.93	292.74
23 05 48 13-0106	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	812.99	358.10
23 05 48 13-0107	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,374.36	478.42
23 05 48 13-0108	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,621.32	553.22
23 05 48 13-0109	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,129.12	598.03

23 05 48 13-0110 Flanged Flexible Molded Teflon Hose Connectors *(23 05 48 13-0087)*

Note: 150 PSI.

23 05 48 13-0111	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	952.97	132.73
23 05 48 13-0112	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,066.73	155.62
23 05 48 13-0113	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,608.34	261.54
23 05 48 13-0114	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,945.23	299.02
23 05 48 13-0115	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,576.62	366.79

23 05 48 13-0116 Flexible Hose Connectors Braided Metal Hose Type, Bronze *(23 05 48 13)*

23 05 48 13-0117 Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0116)*

Note: MPT connection.

23 05 48 13-0118	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	38.37	1.83
23 05 48 13-0119	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	46.08	1.83
23 05 48 13-0120	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	51.04	2.37
23 05 48 13-0121	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	62.39	2.37
23 05 48 13-0122	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	51.53	2.19
23 05 48 13-0123	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	62.52	2.19
23 05 48 13-0124	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	71.29	2.84
23 05 48 13-0125	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	88.41	2.84
23 05 48 13-0126	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.52	2.57
23 05 48 13-0127	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	77.27	2.57
23 05 48 13-0128	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	91.60	3.39
23 05 48 13-0129	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	116.64	3.39
23 05 48 13-0130	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	141.49	3.39
23 05 48 13-0131	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	166.42	3.39
23 05 48 13-0132	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	100.69	3.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0133	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	111.20	3.28
23 05 48 13-0134	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	143.23	3.28
23 05 48 13-0135	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	199.26	4.38
23 05 48 13-0136	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	231.54	4.38
23 05 48 13-0137	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	274.49	4.38
23 05 48 13-0138	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	138.16	3.96
23 05 48 13-0139	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	160.12	3.96
23 05 48 13-0140	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	202.66	3.96
23 05 48 13-0141	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	270.30	5.30
23 05 48 13-0142	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	335.13	5.30
23 05 48 13-0143	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	399.91	5.30
23 05 48 13-0144	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	192.32	4.97
23 05 48 13-0145	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	219.38	4.72
23 05 48 13-0146	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	246.70	4.72
23 05 48 13-0147	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	303.94	6.32
23 05 48 13-0148	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	358.90	6.32
23 05 48 13-0149	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	412.14	6.32
23 05 48 13-0150	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	303.97	6.32
23 05 48 13-0151	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	340.47	6.32
23 05 48 13-0152	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	274.44	6.32
23 05 48 13-0153	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	331.59	8.42
23 05 48 13-0154	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	528.09	8.42
23 05 48 13-0155	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	599.91	8.42
23 05 48 13-0156	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	558.33	7.17
23 05 48 13-0157	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	600.98	7.17
23 05 48 13-0158	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	643.63	7.17
23 05 48 13-0159	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	734.93	9.57
23 05 48 13-0160	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	819.90	9.57
23 05 48 13-0161	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	906.70	9.57

23 05 48 13-0162 Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0116)*

Note: Over braided carbon steel connection.

23 05 48 13-0163	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	165.02	4.00
23 05 48 13-0164	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	199.92	4.00
23 05 48 13-0165	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	234.16	4.00
23 05 48 13-0166	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	306.42	5.37
23 05 48 13-0167	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	375.83	5.37
23 05 48 13-0168	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	445.16	5.37
23 05 48 13-0169	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	186.99	4.72
23 05 48 13-0170	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	223.46	4.72
23 05 48 13-0171	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	260.10	4.72
23 05 48 13-0172	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	336.85	6.32
23 05 48 13-0173	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	409.82	6.32
23 05 48 13-0174	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	481.79	6.32
23 05 48 13-0175	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	197.63	6.32
23 05 48 13-0176	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	239.41	6.48
23 05 48 13-0177	FT	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	281.79	6.32
23 05 48 13-0178	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	373.16	8.42
23 05 48 13-0179	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	457.45	8.42
23 05 48 13-0180	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	544.14	8.42
23 05 48 13-0181	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	398.66	12.28
23 05 48 13-0182	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	591.88	12.36
23 05 48 13-0183	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	793.93	16.28
23 05 48 13-0184	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	987.24	16.28
23 05 48 13-0185	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,180.49	16.28
23 05 48 13-0186	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	694.43	14.51
23 05 48 13-0187	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	840.62	14.51
23 05 48 13-0188	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,140.23	18.88
23 05 48 13-0189	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,430.24	18.88

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23 05 48 13-0190	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,720.17	18.88
23 05 48 13-0191	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	742.09	18.15
23 05 48 13-0192	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,107.58	18.15
23 05 48 13-0193	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,484.01	23.63
23 05 48 13-0194	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,850.78	23.63
23 05 48 13-0195	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,215.99	23.63
23 05 48 13-0196	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,482.01	21.94
23 05 48 13-0197	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,938.13	21.94
23 05 48 13-0198	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,423.31	29.52
23 05 48 13-0199	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,883.43	29.52
23 05 48 13-0200	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,345.71	29.52

23 05 48 13-0201 Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0116)*

Note: Flanged end connection (carbon steel ends).

23 05 48 13-0202	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	123.77	3.96
23 05 48 13-0203	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	304.96	112.28
23 05 48 13-0204	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	354.71	112.28
23 05 48 13-0205	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	404.46	112.28
23 05 48 13-0206	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	454.22	112.28
23 05 48 13-0207	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	309.46	143.19
23 05 48 13-0208	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	361.89	143.19
23 05 48 13-0209	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	414.33	143.19
23 05 48 13-0210	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	466.79	143.19
23 05 48 13-0211	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	518.34	143.19
23 05 48 13-0212	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	461.28	240.05
23 05 48 13-0213	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	522.47	240.65
23 05 48 13-0214	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	584.65	240.05
23 05 48 13-0215	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	654.18	240.05
23 05 48 13-0216	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	707.31	240.05
23 05 48 13-0217	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	666.98	306.93
23 05 48 13-0218	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	805.63	306.93
23 05 48 13-0219	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	944.35	308.03
23 05 48 13-0220	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,083.02	306.93
23 05 48 13-0221	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,221.67	306.93
23 05 48 13-0222	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	996.38	371.02
23 05 48 13-0223	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,101.27	371.02
23 05 48 13-0224	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,309.23	371.02
23 05 48 13-0225	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,517.27	371.02
23 05 48 13-0226	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,725.21	371.02
23 05 48 13-0227	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,518.97	451.67
23 05 48 13-0228	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,780.29	451.67
23 05 48 13-0229	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,043.37	451.67
23 05 48 13-0230	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,305.89	451.67
23 05 48 13-0231	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,518.05	451.67
23 05 48 13-0232	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,013.80	548.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0233	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,345.41	548.46
23 05 48 13-0234	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,677.00	548.46
23 05 48 13-0235	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,008.60	548.46
23 05 48 13-0236	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,340.21	548.46

23 05 53 Identification For HVAC Piping And Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	10.07
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	10.30
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	10.42
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	10.59
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	11.57
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	11.98
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	16.04
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	16.37
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	16.72
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	16.91
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	17.11
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	17.31
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	17.97
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	18.19
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	20.99
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	22.16
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	25.89
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	29.57

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	10.29
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	10.74
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.66
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.85
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.60
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.88
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.42
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.79
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.06
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.35
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.91
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.53
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.07
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.61
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.80
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.35
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.71

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	8.71
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	8.33
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	8.21

23 05 93 Testing, Adjusting, And Balancing For HVAC *(23 05)*

Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	384.42
		For Testing Of Unit Without Balancing, Deduct	*-192.21*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	480.33
		For Testing Of Unit Without Balancing, Deduct	*-240.17*
23 05 93 00-0004	EA	Balancing In Line Fan	432.47
		For Testing Of Unit Without Balancing, Deduct	*-216.24*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	96.11
		For Testing Of Unit Without Balancing, Deduct	*-48.06*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	288.30
		For Testing Of Unit Without Balancing, Deduct	*-144.15*
23 05 93 00-0007	EA	Balancing Wall Fan	72.06
		For Testing Of Unit Without Balancing, Deduct	*-36.03*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	383.81
		For Testing Of Unit Without Balancing, Deduct	*-191.91*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	674.16	
		For Testing Of Unit Without Balancing, Deduct	*-337.08*	
23 05 93 00-0011	EA	Balancing Package A/C Unit	252.81	
		For Testing Of Unit Without Balancing, Deduct	*-126.41*	
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	337.08	
		For Testing Of Unit Without Balancing, Deduct	*-168.54*	
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,179.78	
		For Testing Of Unit Without Balancing, Deduct	*-589.89*	

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	72.08	
		For Testing Of Unit Without Balancing, Deduct	*-36.04*	
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	120.14	
		For Testing Of Unit Without Balancing, Deduct	*-60.07*	
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	62.47	
		For Testing Of Unit Without Balancing, Deduct	*-31.24*	
23 05 93 00-0018	EA	Balance Variable Air Volume Box	67.68	
		For Testing Of Unit Without Balancing, Deduct	*-33.84*	
23 05 93 00-0019	EA	Balance Constant Volume Box	67.68	
		For Testing Of Unit Without Balancing, Deduct	*-33.84*	
23 05 93 00-0020	EA	Balance Fan Powered Box	76.89	
		For Testing Of Unit Without Balancing, Deduct	*-38.45*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	312.35	
		For Testing Of Unit Without Balancing, Deduct	*-156.18*	
23 05 93 00-0022	EA	Balance General Hood	240.26	
		For Testing Of Unit Without Balancing, Deduct	*-120.13*	
23 05 93 00-0023	EA	Balance Induction Unit	144.16	
		For Testing Of Unit Without Balancing, Deduct	*-72.08*	
23 05 93 00-0024	EA	Balance Moduline - Master	57.65	
		For Testing Of Unit Without Balancing, Deduct	*-28.83*	
23 05 93 00-0025	EA	Balance Moduline - Slave	28.82	
		For Testing Of Unit Without Balancing, Deduct	*-14.41*	
23 05 93 00-0026	EA	Balance Dampers	26.77	
		For Testing Of Unit Without Balancing, Deduct	*-13.39*	
23 05 93 00-0027	EA	Balance Regenerators	383.81	
		For Testing Of Unit Without Balancing, Deduct	*-191.91*	

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	463.53	
		For Testing Of Unit Without Balancing, Deduct	*-231.77*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	58.99	
		For Testing Of Unit Without Balancing, Deduct	*-29.50*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled	505.57	
		For Testing Of Unit Without Balancing, Deduct	*-252.79*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	674.16	
		For Testing Of Unit Without Balancing, Deduct	*-337.08*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	337.08	
		For Testing Of Unit Without Balancing, Deduct	*-168.54*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	84.32	
		For Testing Of Unit Without Balancing, Deduct	*-42.16*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	84.27	
		For Testing Of Unit Without Balancing, Deduct	*-42.14*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	92.70	
		For Testing Of Unit Without Balancing, Deduct	*-46.35*	
23 05 93 00-0037	EA	Water Balance, Pumps	252.82	
		For Testing Of Unit Without Balancing, Deduct	*-126.41*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	58.99	
		For Testing Of Unit Without Balancing, Deduct	*-29.50*	
23 05 93 00-0039	EA	Water Balancing, Converter	252.91	
		For Testing Of Unit Without Balancing, Deduct	*-126.46*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	42.13	
		For Testing Of Unit Without Balancing, Deduct	*-21.07*	
23 05 93 00-0041	EA	Water Balance, Convector	50.56	
		For Testing Of Unit Without Balancing, Deduct	*-25.28*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	63.21	
		For Testing Of Unit Without Balancing, Deduct	*-31.61*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	547.75	
		For Testing Of Unit Without Balancing, Deduct	*-273.88*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,011.24	
		For Testing Of Unit Without Balancing, Deduct	*-505.62*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	1,853.95	
		For Testing Of Unit Without Balancing, Deduct	*-926.98*	

23 05 93 00-0046 Non Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 X-Ray Welds Minimum Set-Up Charge *(23 05 93 00-0047)*

23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	740.23

23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing	68.55

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing	78.07	
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing	87.60	
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing	92.55	
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing	97.50	
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non Destructive Testing	102.83	
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non Destructive Testing	112.72	
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non Destructive Testing	122.63	
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non Destructive Testing	127.93	
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non Destructive Testing	133.26	
23 05 93 00-0061		Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*		
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*		
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	76.71	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	81.29	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	85.87	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	88.15	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	91.58	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	95.02	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	101.88	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non Destructive Testing	108.74	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non Destructive Testing	115.62	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non Destructive Testing	122.48	
23 05 93 00-0073		Hydrostatic Testing *(23 05 93 00-0046)* Note: Includes flushing and restoring of system.		
23 05 93 00-0074		Piping, Hydrostatic Testing *(23 05 93 00-0073)*		
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	602.23	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	860.33	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,030.84	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,373.08	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,080.42	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	800.72	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,144.23	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,362.18	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	1,784.98	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,700.37	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,043.54	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,487.50	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,542.92	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,021.35	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,057.93	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,354.77	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	1,931.45	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,006.19	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	2,631.33	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	3,986.88	
23 05 93 00-0095		Pneumatic Testing *(23 05 93 00-0046)* Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing *(23 05 93 00-0095)*		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	684.79	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	977.15	
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,055.07	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,351.29	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,113.55	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	893.56	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,268.86	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,371.51	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,757.05	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,747.24	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,075.71	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,518.12	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,688.98	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,157.98	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	3,379.07	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,400.65	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,973.68	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,196.33	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,805.89	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	4,399.79	
23 05 93 00-0117		EPA Testing Of Sludge *(23 05 93)*		
23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	581.65	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	65.12	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	891.08	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	677.31	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	2.65	1.82
		For Plain Blanket, With No Facing, Deduct	*-0.09*	
		For Work In Restricted Working Space, Add	*0.73*	
23 07 13 00-0004	SF	1-1/2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.10	1.82
		For Plain Blanket, With No Facing, Deduct	*-0.10*	
		For Work In Restricted Working Space, Add	*0.85*	
23 07 13 00-0005	SF	2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.54	2.73
		For Plain Blanket, With No Facing, Deduct	*-0.12*	
		For Work In Restricted Working Space, Add	*0.98*	
23 07 13 00-0006	SF	3" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.15	3.18
		For Plain Blanket, With No Facing, Deduct	*-0.14*	
		For Work In Restricted Working Space, Add	*1.14*	
23 07 13 00-0007	SF	4" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.65	3.45
		For Plain Blanket, With No Facing, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*1.23*	

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0009	SF	1" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.29	2.73
		For Plain Blanket, With No Facing, Deduct	*-0.10*	
		For Work In Restricted Working Space, Add	*0.91*	
23 07 13 00-0010	SF	1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.82	3.18
		For Plain Blanket, With No Facing, Deduct	*-0.13*	
		For Work In Restricted Working Space, Add	*1.05*	
23 07 13 00-0011	SF	2" Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	4.51	3.64
		For Plain Blanket, With No Facing, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*1.24*	

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0013	SF	1" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.10	3.64
		For Plain Blanket, With No Facing, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*1.10*	
23 07 13 00-0014	SF	1-1/2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.95	4.09
		For Plain Blanket, With No Facing, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*1.25*	
23 07 13 00-0015	SF	2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.77	4.55
		For Plain Blanket, With No Facing, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.46*	

23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	8.26	4.71
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*19.52*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*14.32*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*11.84*	
		For Work In Restricted Working Space, Add	*2.42*	
23 07 13 00-0018	SF	1-1/2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	10.08	5.74
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*23.75*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*17.45*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*14.42*	
		For Work In Restricted Working Space, Add	*2.95*	
23 07 13 00-0019	SF	2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation	12.20	6.92
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*28.69*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*21.09*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*17.43*	
		For Work In Restricted Working Space, Add	*3.56*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0020		4.253 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*		
		Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF	1", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	9.48	5.18
		For Work In Restricted Working Space, Add	*2.66*	
23 07 13 00-0022	SF	1-1/2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	12.16	6.31
		For Work In Restricted Working Space, Add	*3.24*	
23 07 13 00-0023	SF	2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	15.41	7.62
		For Work In Restricted Working Space, Add	*3.91*	
23 07 13 00-0024		Sheet Flexible Elastomeric Insulation *(23 07 13)*		
23 07 13 00-0025	SF	3/8" Thick Sheet Flexible Elastomeric Insulation	9.11	2.45
23 07 13 00-0026	SF	1/2" Thick Sheet Flexible Elastomeric Insulation	9.75	2.60
23 07 13 00-0027	SF	3/4" Thick Sheet Flexible Elastomeric Insulation	13.20	2.73
23 07 13 00-0028	SF	1" Thick Sheet Flexible Elastomeric Insulation	15.37	2.87
23 07 13 00-0029	SF	1-1/2" Thick Sheet Flexible Elastomeric Insulation	21.78	3.14
23 07 13 00-0030	SF	2" Thick Sheet Flexible Elastomeric Insulation	25.92	3.41
23 07 13 00-0031		Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.09	2.60
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.59	2.73
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.46	2.87
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	28.03	3.14
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	33.39	3.41
23 07 13 00-0037		Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)*		
		Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.19	2.60
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	18.68	2.73
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	21.10	2.87
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	31.63	3.14

23 07 16 HVAC Equipment Insulation *(23 07)*

23 07 16 00-0001		Calcium Silicate Block Insulation *(23 07 16)*		
23 07 16 00-0002	SF	1" Calcium Silicate Block Insulation	13.48	5.67
		For Work In Restricted Working Space, Add	*3.40*	
23 07 16 00-0003	SF	1-1/2" Calcium Silicate Block Insulation	15.98	6.37
		For Work In Restricted Working Space, Add	*3.82*	
23 07 16 00-0004	SF	2" Calcium Silicate Block Insulation	19.06	7.35
		For Work In Restricted Working Space, Add	*4.42*	
23 07 16 00-0005	SF	2-1/2" Calcium Silicate Block Insulation	22.64	8.62
		For Work In Restricted Working Space, Add	*5.18*	
23 07 16 00-0006	SF	3" Calcium Silicate Block Insulation	27.70	10.62
		For Work In Restricted Working Space, Add	*6.37*	

23 07 19 HVAC Piping Insulation *(23 07)*

See CSI section 22 07 19 00-0000 for pipe insulation.

23 07 19 00-0001		Calcium Silicate Pipe Insulation *(23 07 19)*		
		Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0504 for protective jacketing.		
23 07 19 00-0002		1" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.38	2.99
		For Work In Restricted Working Space, Add	*2.24*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.38	2.99
		For Work In Restricted Working Space, Add	*2.24*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.37	3.03
		For Work In Restricted Working Space, Add	*2.27*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.53	3.08
		For Work In Restricted Working Space, Add	*2.31*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.66	3.12
		For Work In Restricted Working Space, Add	*2.34*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	11.31	3.20
		For Work In Restricted Working Space, Add	*2.40*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	11.82	3.33
		For Work In Restricted Working Space, Add	*2.50*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.30	3.42
		For Work In Restricted Working Space, Add	*2.57*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.90	3.68
		For Work In Restricted Working Space, Add	*2.76*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.50	4.15
		For Work In Restricted Working Space, Add	*3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 07 19 00-0013 1-1/2" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	10.87	3.11
		For Work In Restricted Working Space, Add	*2.34*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	10.91	3.11
		For Work In Restricted Working Space, Add	*2.34*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	11.66	3.30
		For Work In Restricted Working Space, Add	*2.48*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	12.08	3.36
		For Work In Restricted Working Space, Add	*2.52*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	12.50	3.42
		For Work In Restricted Working Space, Add	*2.57*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.37	3.61
		For Work In Restricted Working Space, Add	*2.71*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.94	3.67
		For Work In Restricted Working Space, Add	*2.76*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.46	3.79
		For Work In Restricted Working Space, Add	*2.85*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.01	4.10
		For Work In Restricted Working Space, Add	*3.08*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.59	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	21.41	5.06
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	26.74	6.06
		For Work In Restricted Working Space, Add	*4.54*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	31.39	7.05
		For Work In Restricted Working Space, Add	*5.29*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	34.87	7.73
		For Work In Restricted Working Space, Add	*5.80*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	42.01	9.84
		For Work In Restricted Working Space, Add	*7.38*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	45.08	10.33
		For Work In Restricted Working Space, Add	*7.75*	

23 07 19 00-0030 2" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	13.41	3.42
		For Work In Restricted Working Space, Add	*2.57*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	13.67	3.42
		For Work In Restricted Working Space, Add	*2.57*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	14.06	3.46
		For Work In Restricted Working Space, Add	*2.60*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	14.55	3.51
		For Work In Restricted Working Space, Add	*2.63*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	14.91	3.55
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	15.55	3.68
		For Work In Restricted Working Space, Add	*2.76*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.15	3.81
		For Work In Restricted Working Space, Add	*2.86*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.50	3.94
		For Work In Restricted Working Space, Add	*2.96*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.24	4.16
		For Work In Restricted Working Space, Add	*3.12*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.51	4.99
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	26.31	5.26
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	32.26	6.30
		For Work In Restricted Working Space, Add	*4.73*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	37.20	7.55
		For Work In Restricted Working Space, Add	*5.66*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	46.49	10.52
		For Work In Restricted Working Space, Add	*7.89*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	48.55	10.52
		For Work In Restricted Working Space, Add	*7.89*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	51.89	11.05
		For Work In Restricted Working Space, Add	*8.29*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	61.46	12.63
		For Work In Restricted Working Space, Add	*9.47*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	71.96	15.26
		For Work In Restricted Working Space, Add	*11.45*	

23 07 19 00-0049 2-1/2" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	15.97	3.94
		For Work In Restricted Working Space, Add	*2.96*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	16.25	3.94
		For Work In Restricted Working Space, Add	*2.96*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	16.53	4.00
		For Work In Restricted Working Space, Add	*3.01*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	16.69	4.03
		For Work In Restricted Working Space, Add	*3.03*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	17.06	4.06
		For Work In Restricted Working Space, Add	*3.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	17.78	4.24
		For Work In Restricted Working Space, Add	*3.18*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	19.72	4.39
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	20.10	4.54
		For Work In Restricted Working Space, Add	*3.40*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.90	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	28.14	5.43
		For Work In Restricted Working Space, Add	*4.08*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	32.01	6.06
		For Work In Restricted Working Space, Add	*4.55*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	38.07	6.99
		For Work In Restricted Working Space, Add	*5.24*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	44.68	8.69
		For Work In Restricted Working Space, Add	*6.52*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	49.33	9.49
		For Work In Restricted Working Space, Add	*7.11*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	60.32	12.12
		For Work In Restricted Working Space, Add	*9.09*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	63.66	12.73
		For Work In Restricted Working Space, Add	*9.55*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	73.69	14.55
		For Work In Restricted Working Space, Add	*10.91*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	86.94	17.58
		For Work In Restricted Working Space, Add	*13.19*	

23 07 19 00-0068 3" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	19.72	4.37
		For Work In Restricted Working Space, Add	*3.27*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	19.79	4.37
		For Work In Restricted Working Space, Add	*3.27*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	19.97	4.41
		For Work In Restricted Working Space, Add	*3.31*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	20.16	4.44
		For Work In Restricted Working Space, Add	*3.33*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	20.36	4.49
		For Work In Restricted Working Space, Add	*3.37*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	21.06	4.66
		For Work In Restricted Working Space, Add	*3.49*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	23.13	4.82
		For Work In Restricted Working Space, Add	*3.61*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	23.65	4.99
		For Work In Restricted Working Space, Add	*3.74*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.45	5.26
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.36	5.98
		For Work In Restricted Working Space, Add	*4.49*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	37.40	6.66
		For Work In Restricted Working Space, Add	*5.00*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	44.27	7.69
		For Work In Restricted Working Space, Add	*5.77*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	51.59	9.56
		For Work In Restricted Working Space, Add	*7.17*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	57.15	10.43
		For Work In Restricted Working Space, Add	*7.83*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	67.65	13.33
		For Work In Restricted Working Space, Add	*10.00*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	72.69	14.00
		For Work In Restricted Working Space, Add	*10.50*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	84.84	16.01
		For Work In Restricted Working Space, Add	*12.01*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	100.64	19.34
		For Work In Restricted Working Space, Add	*14.50*	

23 07 19 00-0087 3-1/2" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	24.60	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	25.40	4.79
		For Work In Restricted Working Space, Add	*3.59*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	25.47	4.82
		For Work In Restricted Working Space, Add	*3.61*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	25.55	4.85
		For Work In Restricted Working Space, Add	*3.63*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	26.29	4.91
		For Work In Restricted Working Space, Add	*3.68*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	27.80	5.07
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	30.02	5.25
		For Work In Restricted Working Space, Add	*3.94*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	31.08	5.43
		For Work In Restricted Working Space, Add	*4.08*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.09	5.74
		For Work In Restricted Working Space, Add	*4.31*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	39.23	6.52
		For Work In Restricted Working Space, Add	*4.89*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	47.31	7.26
		For Work In Restricted Working Space, Add	*5.45*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	57.18	8.39
		For Work In Restricted Working Space, Add	*6.29*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	69.42	10.42
		For Work In Restricted Working Space, Add	*7.82*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	73.40	11.38
		For Work In Restricted Working Space, Add	*8.54*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	86.48	14.55
		For Work In Restricted Working Space, Add	*10.91*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	98.35	15.27
		For Work In Restricted Working Space, Add	*11.46*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	106.81	17.48
		For Work In Restricted Working Space, Add	*13.10*	

23 07 19 00-0105 4" Thick Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	30.26	5.31
		For Work In Restricted Working Space, Add	*3.98*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	30.28	5.31
		For Work In Restricted Working Space, Add	*3.98*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	30.51	5.40
		For Work In Restricted Working Space, Add	*4.05*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	31.29	5.46
		For Work In Restricted Working Space, Add	*4.10*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	33.05	5.64
		For Work In Restricted Working Space, Add	*4.23*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	33.76	5.82
		For Work In Restricted Working Space, Add	*4.36*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	36.56	5.91
		For Work In Restricted Working Space, Add	*4.43*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	37.65	6.12
		For Work In Restricted Working Space, Add	*4.59*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.41	6.46
		For Work In Restricted Working Space, Add	*4.85*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	48.95	7.33
		For Work In Restricted Working Space, Add	*5.50*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	57.94	8.18
		For Work In Restricted Working Space, Add	*6.13*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	66.73	9.45
		For Work In Restricted Working Space, Add	*7.08*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	76.68	11.73
		For Work In Restricted Working Space, Add	*8.80*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	81.78	12.82
		For Work In Restricted Working Space, Add	*9.61*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	97.68	16.38
		For Work In Restricted Working Space, Add	*12.29*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	103.71	17.16
		For Work In Restricted Working Space, Add	*12.88*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	115.22	19.65
		For Work In Restricted Working Space, Add	*14.74*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	4.03	
		For Work In Restricted Working Space, Add	*0.85*	

23 08 Commissioning Of HVAC *(23)*

See CSI section 01 91 13 00-0001 for commissioning, 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation And Control For HVAC *(23)*

23 09 13 Instrumentation And Control Devices For HVAC *(23 09)*

23 09 13 56 Pneumatic Tubing For HVAC *(23 09 13)*

23 09 13 56-0001 Polyurethane Pneumatic Tubing *(23 09 13 56)*

23 09 13 56-0002	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	1.80	0.75
23 09 13 56-0003	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.17	0.77
23 09 13 56-0004	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.68	0.80
23 09 13 56-0005	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.29	0.82

23 09 13 56-0006 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 13 56)*

23 09 13 56-0007	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.66	0.75
23 09 13 56-0008	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.77	0.77
23 09 13 56-0009	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.96	0.80
23 09 13 56-0010	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.33	0.82

23 09 13 56-0011 Nylon Pneumatic Tubing *(23 09 13 56)*

23 09 13 56-0012	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	1.86	0.73
23 09 13 56-0013	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	2.32	0.75
23 09 13 56-0014	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	3.28	0.80
23 09 13 56-0015	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	4.08	0.82

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 13 56-0016		Flexible Vinyl Pneumatic Tubing *(23 09 13 56)*		
23 09 13 56-0017	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	1.84	0.75
23 09 13 56-0018	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.70	0.80
23 09 13 56-0019	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.17	0.82
23 09 13 56-0020	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.75	0.85
23 09 13 56-0021	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.18	0.87
23 09 13 56-0022	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.53	0.90
23 09 13 56-0023		Braided Vinyl Pneumatic Tubing *(23 09 13 56)*		
23 09 13 56-0024	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	2.38	0.85
23 09 13 56-0025	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	2.69	0.87
23 09 13 56-0026	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	3.23	0.90
23 09 13 56-0027		Copper Pneumatic Tubing *(23 09 13 56)*		
23 09 13 56-0028	LF	1/4" Outside Diameter Copper Pneumatic Tubing	4.09	1.63
23 09 13 56-0029	LF	3/8" Outside Diameter Copper Pneumatic Tubing	4.96	1.87
23 09 13 56-0030	LF	1/2" Outside Diameter Copper Pneumatic Tubing	5.75	2.16
23 09 13 56-0031	LF	5/8" Outside Diameter Copper Pneumatic Tubing	7.07	2.48
23 09 13 56-0032	LF	3/4" Outside Diameter Copper Pneumatic Tubing	8.04	2.86
23 09 13 56-0033		Brass Couplings *(23 09 13 56)* See CSI section 22 11 16 00-0345 for copper tubing.		
23 09 13 56-0034		Straight Brass Couplings *(23 09 13 56-0033)* Note: Barb x Barb		
23 09 13 56-0035	EA	1/4" x 1/4" Straight Brass Coupling	8.55	4.11
23 09 13 56-0036	EA	3/8" x 1/4" Straight Brass Coupling	8.60	4.11
23 09 13 56-0037	EA	3/8" x 3/8" Straight Brass Coupling	8.65	4.11
23 09 13 56-0038		Elbow Brass Couplings *(23 09 13 56-0033)* Note: Barb x Barb		
23 09 13 56-0039	EA	1/4" x 1/4" Elbow Brass Coupling	8.83	4.11
23 09 13 56-0040	EA	3/8" x 3/8" Elbow Brass Coupling	9.00	4.11
23 09 13 56-0041		Tee Brass Couplings *(23 09 13 56-0033)* Note: Barb x Barb		
23 09 13 56-0042	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	13.59	6.41
23 09 13 56-0043	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	15.10	6.86
23 09 13 56-0044	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	14.92	6.86

23 09 23 Direct-Digital Control System For HVAC *(23 09)*

23 09 23 00-0001		EMCS General Costs *(23 09 23)*		
23 09 23 00-0002		EMCS System Design Engineering *(23 09 23 00-0001)* Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 00-0003	HR	EMCS Site Inspection Of Existing Facilities	223.55	
23 09 23 00-0004	HR	EMCS Engineering Project Management	223.55	
23 09 23 00-0005	HR	EMCS System Engineering, Schematic Design And Layout	237.10	
23 09 23 00-0006	HR	EMCS System Software Programming And Graphics Programming	237.10	
23 09 23 00-0007	HR	EMCS Graphics Picture Creation	152.46	
23 09 23 00-0008	HR	EMCS System Controls Training	223.55	
23 09 23 00-0009	HR	EMCS On Site System Diagnostics Field Technician	223.55	
23 09 23 00-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	186.34	
23 09 23 00-0011	HR	EMCS Travel Time (All Personnel)	193.11	
23 09 23 00-0012		Post Warranty Field Tests, Checkout And Commissioning *(23 09 23 00-0001)* Note: Tasks used for building commissioning of other contractors' work or post warranty service work. A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0013	PNT	EMCS Field Test Note: Priced per point. Task used after warranty period only.	118.59	
23 09 23 00-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point. Task used after warranty period only.	118.59	
23 09 23 00-0015	PNT	EMCS Field Commissioning Note: Priced per point. Used when the owner requires an independent commissioning firm.	118.59	
23 09 23 00-0016	EA	EMCS Field Balance Support Note: Priced per controller. Task used after warranty period only.	101.61	
23 09 23 00-0017		EMCS System Engineering/Submittal Design And Layout *(23 09 23 00-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	39.56	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0019		Install EMCS Field Devices And Controllers (Labor Only) *(23 09 23 00-0001)*		
		Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
23 09 23 00-0020	EA	Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall	204.94	33.87
23 09 23 00-0021	EA	Install AHU Power Supply In A Control Enclosure	149.03	67.74
23 09 23 00-0022	EA	Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall	204.94	33.87
23 09 23 00-0023	EA	Install And Wire Room Sensor	55.91	33.87
23 09 23 00-0024	EA	Install And Wire Duct Sensor	74.52	33.87
23 09 23 00-0025	EA	Install And Wire AHU Averaging Sensor	242.15	169.35
23 09 23 00-0026	EA	Install And Wire AHU Humidity Sensor	130.43	50.85
23 09 23 00-0027	EA	Install And Wire AHU CO2 Sensor	186.34	50.85
23 09 23 00-0028	EA	Install And Wire Fan Or Filter DP Switch	186.34	50.85
23 09 23 00-0029	EA	Install And Wire Float Switch	149.03	33.87
23 09 23 00-0030	EA	Install And Wire Freezestat	242.15	169.35
23 09 23 00-0031	EA	Install And Wire Duct Static Pressure Sensor	130.43	67.74
23 09 23 00-0032	EA	Install And Wire Duct High Static Sensor	74.52	33.87
23 09 23 00-0033	EA	Install And Wire Emergency Stop Switch For AHU Or Other Equipment	74.52	33.87
23 09 23 00-0034	EA	Install And Wire Emergency Stop Switch For AHU	223.55	67.74
23 09 23 00-0035	EA	Install And Wire AHU Connection To Starter	223.55	169.35
23 09 23 00-0036	EA	Install And Wire Connection To VFD	409.88	169.35
23 09 23 00-0037	EA	Install And Wire AHU Valve Actuator	111.82	33.87
23 09 23 00-0038	EA	Install And Wire AHU Damper Actuator	223.55	67.74
23 09 23 00-0039	EA	Install And Wire AHU Smoke Detector Or Fire Alarm Relay	130.43	50.85
23 09 23 00-0040	EA	Install And Wire AHU Electropneumatic Transducer	93.12	33.87
23 09 23 00-0041	EA	Install And Wire Electric Heat Or Sequencer	223.55	67.74
23 09 23 00-0042	EA	Install And Wire Connection To Outdoor Compressor	521.61	50.85
23 09 23 00-0043	EA	Install And Wire AHU Magnahelic	186.34	33.87
23 09 23 00-0044	EA	Install And Wire AHU Wireway For Control Enclosure	223.55	67.74
23 09 23 00-0045	EA	Wire And Assemble AHU Control Enclosure	409.88	
		Note: Includes installing all panel devices for a medium size panel.		
23 09 23 00-0046	EA	Field Install And Wire VAV Controller	149.03	67.74
		Note: Use when VAV box is previously installed.		
23 09 23 00-0047	EA	Shop Install And Wire VAV Controller	130.43	
23 09 23 00-0048	EA	Install And Wire VAV Power Supply	55.91	33.87
23 09 23 00-0049	EA	Wire VAV Fan In Parallel Or Series Fan Box	74.52	33.87
23 09 23 00-0050	EA	Install And Wire Fan Coil Unit Controller	372.58	101.61
23 09 23 00-0051	EA	Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller	111.82	
23 09 23 00-0052	EA	Install And Wire Central Plant Controller	521.61	304.84
		Note: For programmable DDC controller.		
23 09 23 00-0053	EA	Mount Central Plant Enclosure For DDC Control Enclosure	204.94	33.87
		Note: For programmable DDC controller.		
23 09 23 00-0054	EA	Install Central Plant Power Supply For DDC Programmable Controller	149.03	67.74
23 09 23 00-0055	EA	Install Central Plant Wireway For Programmable Controller	223.55	67.74
23 09 23 00-0056	EA	Install And Wire Chiller Controls For Enable And Setpoint Controls	447.10	101.61
23 09 23 00-0057	EA	Install And Wire Chiller Flow Switch	447.10	203.23
23 09 23 00-0058	EA	Install And Wire Chiller DP Transmitter	1,676.65	101.61
		Note: Includes installing copper tubing connection to water piping.		
23 09 23 00-0059	EA	Install And Wire Boiler Controls For Enable And Alarm	335.37	101.61
23 09 23 00-0060	EA	Install And Wire Boiler Safeties	335.37	101.61
		Note: For high water, low water and flame safeguard.		
23 09 23 00-0061	EA	Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall	745.15	423.43
23 09 23 00-0062	EA	Wire And Terminate Combustion Air Damper	931.49	67.74
23 09 23 00-0063	EA	Wire Oil Tank Interlock For Oil Boiler	465.70	67.74
23 09 23 00-0064	EA	Install And Wire Boiler Emergency Stop Switch	931.49	203.23
23 09 23 00-0065	EA	Wire And Terminate Temperature Well Sensor	93.12	50.85
		Note: Excludes well.		
23 09 23 00-0066	EA	Install And Wire Strap On Sensor	223.55	50.85
23 09 23 00-0067	EA	Install And Wire CO2 Sensor For Room Or Space	186.34	50.85
		Note: Excludes stub-up.		
23 09 23 00-0068	EA	Install And Wire Valve Actuator	186.34	135.48
23 09 23 00-0069	EA	Install And Wire Outside Air Temperature Sensor	335.37	101.61
23 09 23 00-0070	EA	Install And Wire Outside Air Humidity Sensor	167.64	101.61
23 09 23 00-0071	EA	Install And Wire Flow Sensor	409.88	203.23
23 09 23 00-0072	EA	Install And Wire Pressure Sensor For Pump Or Building	409.88	203.23
23 09 23 00-0073	EA	Install And Wire Pump Starter	223.55	50.85
23 09 23 00-0074	EA	Install And Wire Pump VFD	409.88	101.61
23 09 23 00-0075	EA	Install And Wire Pump DP Switch	558.91	203.23
		Note: Includes installing copper tubing connection to water piping.		
23 09 23 00-0076	EA	Install And Wire System DP Transmitter	1,862.98	203.23
		Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.		
23 09 23 00-0077	EA	Mount Starter Sized Up To 100 HP	149.03	101.61
23 09 23 00-0078	EA	Mount VFD Sized Up To 100 HP	372.58	338.71
23 09 23 00-0079	EA	Install And Wire Cooling Tower Control Enclosure	670.64	203.23
23 09 23 00-0080	EA	Install And Wire Vibration Switch For Cooling Tower	409.88	203.23
23 09 23 00-0081	EA	Install And Wire Cooling Tower Basin Heater	223.55	203.23
23 09 23 00-0082	EA	Install And Wire Basin Water Temperature Switch	223.55	101.61
23 09 23 00-0083	EA	Install And Wire Cooling Tower Make-Up Water Valve	223.55	203.23
23 09 23 00-0084	EA	Install And Wire Cooling Tower Make-Up Water Valve	223.55	203.23
23 09 23 00-0085	EA	Install And Wire Refrigerant Monitor Panel	1,117.82	423.43
23 09 23 00-0086	EA	Install And Wire Break Glass Switch	223.55	101.61
23 09 23 00-0087	EA	Install And Wire Horn/Strobe For Refrigerant Monitor	167.64	67.74
23 09 23 00-0088	EA	Install And Wire Damper Actuator	223.55	67.74
23 09 23 00-0089	EA	Install And Wire Chemical Feed System	1,862.98	423.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0090	EA	Wire And Assemble Control Enclosure Note: Includes installing all panel devices in large size panel.	447.10	
23 09 23 00-0091	EA	Install And Wire Exhaust Fan DDC Control Note: Start or stop and status.	465.70	84.72
23 09 23 00-0092	EA	Install And Wire Exhaust Fan Thermostat Control	149.03	50.85
23 09 23 00-0093	EA	Wire Lighting Contactor (Contactor Installed By Others)	465.70	67.74
23 09 23 00-0094	EA	Wire And Terminate Unit Heater	149.03	50.85
23 09 23 00-0095	EA	Wire Domestic Water Heater For Enable Or Disable	465.70	67.74
23 09 23 00-0096	EA	Wire And Install Current Transformer KWH Meter (With Power Off)	1,490.40	406.45
23 09 23 00-0097	EA	Wire Water Meter (Meter Installed By Others)	1,490.40	101.61
23 09 23 00-0098	EA	Wire Gas Meter (Meter Installed By Others)	1,490.40	101.61
23 09 23 00-0099	EA	Install Wireless Receiver And Wire To DDC Controls	186.34	67.74
23 09 23 00-0100	EA	Install Wireless Sensor	37.30	16.98
23 09 23 00-0101	EA	Wire Split System AC Thermostat	745.15	50.85
23 09 23 00-0102	EA	Wire Sump Pump Monitor Status Switch	558.91	101.61
23 09 23 00-0103	EA	Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor	27.10	13.55
23 09 23 00-0104	EA	Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor	503.00	203.23

23 09 23 00-0105 Honeywell Controls *(23 09 23)*

23 09 23 00-0106 EMCS Central Equipment And Controllers *(23 09 23 00-0105)*

23 09 23 00-0107 EMCS Network Area Controllers (BACnet Or Lon) *(23 09 23 00-0106)*

Note: Includes loading software, software license, loading data base and mounting on wall.

23 09 23 00-0108	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	7,284.29	440.32
23 09 23 00-0109	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	5,222.33	440.32
23 09 23 00-0110	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	4,177.03	440.32
23 09 23 00-0111	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	5,008.85	440.32
23 09 23 00-0112	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	4,148.40	440.32
23 09 23 00-0113	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	4,148.40	440.32
23 09 23 00-0114	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,436.08	440.32
23 09 23 00-0115	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,738.08	440.32
23 09 23 00-0116	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,436.08	440.32
23 09 23 00-0117	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,738.08	440.32
23 09 23 00-0118	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,740.69	440.32
23 09 23 00-0119	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,042.69	440.32
23 09 23 00-0120	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,740.69	440.32
23 09 23 00-0121	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,042.69	440.32
23 09 23 00-0122	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	4,994.53	440.32
23 09 23 00-0123	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	6,003.38	440.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0124	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	6,314.49	440.32
23 09 23 00-0125	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	7,323.34	440.32
23 09 23 00-0126	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	6,328.81	440.32
23 09 23 00-0127	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	8,251.48	440.32
23 09 23 00-0128		**EMCS Network Interfaces** *(23 09 23 00-0106)* Note: Includes installation, start-up and tech labor.		
23 09 23 00-0129	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	998.00	121.94
23 09 23 00-0130	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	858.06	81.29
23 09 23 00-0131	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,106.12	152.46
23 09 23 00-0132	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	1,646.99	220.21
23 09 23 00-0133	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	893.28	220.21
23 09 23 00-0134	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	72.33	27.10
23 09 23 00-0135		**DDC Application Specific Controller Assemblies** *(23 09 23 00-0106)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 00-0136	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,723.34	629.99
23 09 23 00-0137	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,384.64	373.03
23 09 23 00-0138	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,865.60	629.99
23 09 23 00-0139	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,526.90	410.06
23 09 23 00-0140	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,045.77	701.16
23 09 23 00-0141	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,791.69	525.67
23 09 23 00-0142	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,543.63	701.16
23 09 23 00-0143	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,188.03	536.51
23 09 23 00-0144	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,551.74	701.16
23 09 23 00-0145	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,213.04	414.58
23 09 23 00-0146	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,738.08	701.16
23 09 23 00-0147	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,399.28	466.97
23 09 23 00-0148	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,998.42	701.16
23 09 23 00-0149	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,652.94	413.68
23 09 23 00-0150	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	2,184.76	701.16
23 09 23 00-0151	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	1,839.18	466.06
23 09 23 00-0152	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,466.51	701.16
23 09 23 00-0153	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,158.34	448.00
23 09 23 00-0154	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	2,839.18	701.16
23 09 23 00-0155	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	2,530.91	524.76
23 09 23 00-0156		**DDC Programmable Controller Assemblies** *(23 09 23 00-0106)* Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 00-0163 for additional components.		
23 09 23 00-0157	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	1,789.36	538.58
23 09 23 00-0158	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,036.18	538.58
23 09 23 00-0159	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,667.47	633.42
23 09 23 00-0160	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,914.29	633.42
23 09 23 00-0161	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	4,697.66	741.81
23 09 23 00-0162	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	4,982.98	741.81
23 09 23 00-0163		**EMCS Optional DDC Controller Hardware** *(23 09 23 00-0106)* Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 00-0164	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	296.80	
23 09 23 00-0165	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	343.01	
23 09 23 00-0166	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	359.28	
23 09 23 00-0167	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	339.10	
23 09 23 00-0168	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	344.31	
23 09 23 00-0169	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	336.50	
23 09 23 00-0170	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	289.64	
23 09 23 00-0171	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	251.89	
23 09 23 00-0172	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	369.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0173	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	329.99	
23 09 23 00-0174	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	364.49	
23 09 23 00-0175	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	773.88	
23 09 23 00-0176	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	962.64	
23 09 23 00-0177	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	480.99	
23 09 23 00-0178	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	473.83	
23 09 23 00-0179	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	232.36	
23 09 23 00-0180	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	264.25	
23 09 23 00-0181	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	488.15	
23 09 23 00-0182	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	522.00	
23 09 23 00-0183	EA	AI Module (Honeywell XFL521B)	326.74	
23 09 23 00-0184	EA	AO Module (Honeywell XFL522B)	326.74	
23 09 23 00-0185	EA	DI Module (Honeywell XFL523B)	326.74	
23 09 23 00-0186	EA	DO Module (Honeywell XFL524B)	326.74	
23 09 23 00-0187	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	57.93	
23 09 23 00-0188	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	109.35	
23 09 23 00-0189	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	107.39	
23 09 23 00-0190	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	328.69	
23 09 23 00-0191	EA	Lon Hub (Honeywell XIO-HUB)	48.82	
23 09 23 00-0192	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	328.69	
23 09 23 00-0193	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	302.65	
23 09 23 00-0194	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	302.65	
23 09 23 00-0195	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	318.93	
23 09 23 00-0196	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	318.93	
23 09 23 00-0197	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	458.86	
23 09 23 00-0198	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	541.52	
23 09 23 00-0199	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	1,150.74	

23 09 23 00-0200 EMCS Software *(23 09 23 00-0105)*

23 09 23 00-0201 Software Packages And License *(23 09 23 00-0200)*

Note: Includes installation on equipment.

23 09 23 00-0202	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	367.09	
23 09 23 00-0203	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	1,456.86	
23 09 23 00-0204	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	4,100.48	
23 09 23 00-0205	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	2,440.76	
23 09 23 00-0206	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	2,823.69	
23 09 23 00-0207	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	2,012.76	
23 09 23 00-0208	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	3,539.05	
23 09 23 00-0209	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	515.75	
23 09 23 00-0210	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	362.80	
23 09 23 00-0211	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	18,902.18	
23 09 23 00-0212	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	17,261.33	
23 09 23 00-0213	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	6,538.64	
23 09 23 00-0214	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	4,878.92	
23 09 23 00-0215	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	1,410.44	
23 09 23 00-0216	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	1,410.44	
23 09 23 00-0217	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	9,763.05	
23 09 23 00-0218	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	1,301.74	
23 09 23 00-0219	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	1,410.44	
23 09 23 00-0220	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	3,688.48	
23 09 23 00-0221	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	1,410.44	
23 09 23 00-0222	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	23,648.71	
23 09 23 00-0223	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	43,391.55	
23 09 23 00-0224	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	75,935.05	
23 09 23 00-0225	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	3,905.22	
23 09 23 00-0226	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	1,952.61	
23 09 23 00-0227	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	1,611.82	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0228	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	1,749.75	
23 09 23 00-0229		**Initial Database Generation** *(23 09 23 00-0200)*		
23 09 23 00-0230	PNT	Database Generation For Central Plant	60.61	
23 09 23 00-0231	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	60.61	
23 09 23 00-0232	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	60.61	
23 09 23 00-0233	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	42.18	
23 09 23 00-0234	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	42.18	
23 09 23 00-0235		**Application Software Programs** *(23 09 23 00-0200)*		
23 09 23 00-0236	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	2,529.00	
23 09 23 00-0237	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	84.54	
23 09 23 00-0238	EA	Duty Cycling Program	39.92	
23 09 23 00-0239	EA	Hot Deck/Cold Deck Reset Application Program	4,344.73	
23 09 23 00-0240	EA	Boiler Optimization Program	5,693.51	
23 09 23 00-0241	EA	Chiller Optimization Program	7,712.43	
23 09 23 00-0242	EA	Lighting Control Program	3,721.72	
23 09 23 00-0243	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	74.15	
23 09 23 00-0244	EA	Email Alarm Server Configuration	2,871.15	
23 09 23 00-0245		**Color Graphics Generation** *(23 09 23 00-0200)* Note: Priced per page.		
23 09 23 00-0246	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,515.42	
23 09 23 00-0247	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	2,690.58	
23 09 23 00-0248	EA	Color Graphics Page For Central Plant	688.53	
23 09 23 00-0249	EA	Color Graphics Page For Building Floor Plan	635.77	
23 09 23 00-0250	EA	Replication Of Color Graphics Page For Central Plant	345.39	
23 09 23 00-0251	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	774.60	
23 09 23 00-0252	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	165.65	
23 09 23 00-0253	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	716.43	
23 09 23 00-0254	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	71.63	
23 09 23 00-0255		**Sensors, Actuators And Control Devices** *(23 09 23 00-0105)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 00-0256		**Special Sensors** *(23 09 23 00-0255)*		
23 09 23 00-0257	EA	Dewpoint Sensor (Honeywell C7232B1014)	1,211.19	55.91
23 09 23 00-0258	EA	Enthalpy Sensor -25 To 125 F	1,261.48	55.91
23 09 23 00-0259	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	639.42	111.82
23 09 23 00-0260	EA	Freezestat (Honeywell L482A1004)	456.16	186.34
23 09 23 00-0261	EA	Wall Mounted Occupancy Sensor	309.45	55.91
23 09 23 00-0262	EA	Ceiling Mounted Occupancy Sensor	254.00	55.91
23 09 23 00-0263	EA	I/P Positioner With Gauge	297.90	55.91
23 09 23 00-0264	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	357.57	55.91
23 09 23 00-0265	EA	EP Transducer	297.90	37.30
23 09 23 00-0266	EA	Electric Heat Sequencer	480.64	74.52
23 09 23 00-0267		**Meters** *(23 09 23 00-0255)*		
23 09 23 00-0268	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps	3,030.87	447.10
23 09 23 00-0269	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps With LON interface	4,445.38	521.60
23 09 23 00-0270	EA	Current Transformer For KW Meter 1 - 300 Amps	1,101.81	186.34
23 09 23 00-0271	EA	Current Transformer For KW Meter 300 - 800 Amps	1,231.40	186.34
23 09 23 00-0272	EA	Current Transformer For KW Meter 800 - 2,400 Amp	1,479.91	186.34
23 09 23 00-0273		**Direct Coupled Actuators** *(23 09 23 00-0255)*		
23 09 23 00-0274	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	432.74	79.28
23 09 23 00-0275	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	469.24	79.28
23 09 23 00-0276	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	532.01	79.28
23 09 23 00-0277	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	411.38	79.28
23 09 23 00-0278	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	450.64	79.28
23 09 23 00-0279	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	489.52	79.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0280	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	452.78	79.28
23 09 23 00-0281	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	508.77	79.28
23 09 23 00-0282	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	569.19	79.28
23 09 23 00-0283	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	382.25	79.28
23 09 23 00-0284	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	412.06	79.28
23 09 23 00-0285	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	471.95	79.28
23 09 23 00-0286	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	500.14	79.28
23 09 23 00-0287	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	499.78	79.28
23 09 23 00-0288	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	577.09	79.28
23 09 23 00-0289	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	394.47	79.28
23 09 23 00-0290	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	664.40	79.28
23 09 23 00-0291	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	305.55	79.28
23 09 23 00-0292	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	451.60	79.28

23 09 23 00-0293 Thermostats *(23 09 23 00-0105)*

23 09 23 00-0294 Electric And Electronic Thermostats *(23 09 23 00-0293)*

Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.

23 09 23 00-0295	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	142.69	13.55
23 09 23 00-0296	EA	Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	151.94	13.55
23 09 23 00-0297	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	141.66	13.55
23 09 23 00-0298	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	155.75	13.55
23 09 23 00-0299	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	166.33	13.55
23 09 23 00-0300	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	234.17	13.55
23 09 23 00-0301	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	330.80	13.55
23 09 23 00-0302	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	521.85	13.55
23 09 23 00-0303	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	555.04	13.55

23 09 23 00-0304 Pneumatic Thermostats *(23 09 23 00-0293)*

Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.

23 09 23 00-0305	EA	Pneumatic Thermostat (Honeywell TP970B2182)	184.27	13.55

23 09 23 00-0306 Thermostats Guards *(23 09 23 00-0293)*

23 09 23 00-0307	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	47.09	13.55
23 09 23 00-0308	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	54.80	13.55
23 09 23 00-0309	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	52.03	13.55

23 09 23 00-0310 Delta Controls *(23 09 23)*

23 09 23 00-0311 Software *(23 09 23 00-0310)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 00-0312	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	1,363.43	
23 09 23 00-0313	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	2,163.60	
23 09 23 00-0314	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	4,687.80	
23 09 23 00-0315	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	7,493.63	
23 09 23 00-0316	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	3,887.63	
23 09 23 00-0317	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	1,363.43	
23 09 23 00-0318	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	3,166.43	
23 09 23 00-0319	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	3,887.63	
23 09 23 00-0320	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amp CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	1,450.30	90.32
23 09 23 00-0321	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	1,478.53	

23 09 23 00-0322 EMCS Central Equipment And Controllers *(23 09 23 00-0310)*

23 09 23 00-0323	EA	Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616)	5,473.99	361.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0324	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	4,320.07	361.29
23 09 23 00-0325	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,359.07	361.29
23 09 23 00-0326	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	3,359.07	361.29
23 09 23 00-0327	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,359.07	361.29
23 09 23 00-0328	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	3,183.33	361.29
23 09 23 00-0329	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,041.70	180.65
23 09 23 00-0330	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	964.17	180.65
23 09 23 00-0331	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,015.61	180.65
23 09 23 00-0332	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	964.17	180.65
23 09 23 00-0333	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	2,057.14	225.81
23 09 23 00-0334	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	550.33	90.32
23 09 23 00-0335	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	583.02	90.32
23 09 23 00-0336	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	667.80	90.32
23 09 23 00-0337		**Network, VAV And Special Sensors** *(23 09 23 00-0310)*		
23 09 23 00-0338	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	169.57	28.90
23 09 23 00-0339	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	225.53	32.52
23 09 23 00-0340	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	419.88	13.55
23 09 23 00-0341		**Trane Controls** *(23 09 23)*		
23 09 23 00-0342		**Software** *(23 09 23 00-0341)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0343	EA	Summit + Building Management Package (Trane 40201152)	2,258.45	
23 09 23 00-0344	EA	Summit Current Version Software (Trane 40201111)	2,268.85	
23 09 23 00-0345	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	528.30	
23 09 23 00-0346	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	1,705.52	
23 09 23 00-0347	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	6,089.20	
23 09 23 00-0348		**EMCS Central Equipment And Controllers** *(23 09 23 00-0341)*		
23 09 23 00-0349	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	4,189.51	361.29
23 09 23 00-0350	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	8,477.14	361.29
23 09 23 00-0351	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	8,477.14	361.29
23 09 23 00-0352	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	7,546.14	361.29
23 09 23 00-0353	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	8,628.60	361.29
23 09 23 00-0354	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	144.21	22.58
23 09 23 00-0355	EA	Summit Comm5 Repeater (Trane 49500457)	1,119.87	180.65
23 09 23 00-0356	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	1,810.82	225.81
23 09 23 00-0357	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	2,302.20	270.97
23 09 23 00-0358	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	1,872.00	270.97
23 09 23 00-0359	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,629.29	270.97
23 09 23 00-0360	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	1,627.40	270.97
23 09 23 00-0361	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	698.31	90.32
23 09 23 00-0362	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	644.83	90.32
23 09 23 00-0363	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,182.74	180.65
23 09 23 00-0364	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,138.40	180.65
23 09 23 00-0365	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	625.24	90.32
23 09 23 00-0366	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	560.85	90.32
23 09 23 00-0367	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	783.69	90.32
23 09 23 00-0368	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	719.65	90.32
23 09 23 00-0369	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	630.97	90.32
23 09 23 00-0370	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	606.14	90.32
23 09 23 00-0371	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	681.89	90.32
23 09 23 00-0372	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	630.97	90.32
23 09 23 00-0373	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	940.43	180.65
23 09 23 00-0374	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,003.76	180.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0375		**Network, VAV And Special Sensors** *(23 09 23 00-0341)*		
23 09 23 00-0376	EA	Digital Display Zone Sensor (Trane X13790464010)	138.58	28.90
23 09 23 00-0377	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	104.27	28.90
23 09 23 00-0378	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	94.52	28.90
23 09 23 00-0379	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	166.27	32.52
23 09 23 00-0380	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	113.31	28.90
23 09 23 00-0381	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	113.31	28.90
23 09 23 00-0382	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	479.81	52.03
23 09 23 00-0383	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	376.02	28.90
23 09 23 00-0384	EA	Transformer 120/24 40 VA (Trane X13550284010)	102.00	28.90
23 09 23 00-0385	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	87.04	28.90
23 09 23 00-0386	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	83.75	28.90
23 09 23 00-0387	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,028.72	359.80
23 09 23 00-0388	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	994.55	359.80
23 09 23 00-0389	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	883.34	359.80
23 09 23 00-0390	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	1,488.24	539.67
23 09 23 00-0391	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	883.77	359.80
23 09 23 00-0392	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	959.42	359.80
23 09 23 00-0393	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	918.50	359.80
23 09 23 00-0394	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	377.05	179.87
23 09 23 00-0395	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amp 24 Volt DC (Trane X1365153801)	472.37	179.87
23 09 23 00-0396	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	1,605.01	539.67
23 09 23 00-0397	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	1,576.05	539.67
23 09 23 00-0398	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	99.44	35.99
23 09 23 00-0399	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	304.34	64.76
23 09 23 00-0400	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	1,621.21	539.67
23 09 23 00-0401	EA	BACnet Term (2 Pack) (Trane X1365152401)	161.09	64.76
23 09 23 00-0402	EA	Tracer ES Add License (Trane X40250125010)	3,462.63	1,439.10
23 09 23 00-0403	EA	Kit - Tracer TU For Controls (Trane X4509151201)	4,788.73	1,439.01
23 09 23 00-0404	EA	Kit - Tracer TU Complete (Trane X4509151301)	5,930.37	1,439.01
23 09 23 00-0405	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	347.71	64.76
23 09 23 00-0406	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	202.59	64.76
23 09 23 00-0407	EA	Sensor Wireless Display Sensor (Trane X13790822010)	220.51	64.76
23 09 23 00-0408	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	214.84	64.76
23 09 23 00-0409	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	311.00	64.76
23 09 23 00-0410	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	335.48	64.76
23 09 23 00-0411		**Johnson Controls** *(23 09 23)*		
23 09 23 00-0412		**Software** *(23 09 23 00-0411)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0413	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	10,532.84	
23 09 23 00-0414	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	12,442.93	
23 09 23 00-0415	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	685.48	
23 09 23 00-0416	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,000.27	
23 09 23 00-0417	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	1,714.37	
23 09 23 00-0418	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	690.81	
23 09 23 00-0419	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	687.68	
23 09 23 00-0420	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	297.93	
23 09 23 00-0421		**Supervisory Controllers** *(23 09 23 00-0411)*		
23 09 23 00-0422	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	5,354.36	361.29
23 09 23 00-0423	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	7,873.44	361.29
23 09 23 00-0424	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	10,398.11	361.29
23 09 23 00-0425	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	4,384.03	361.29
23 09 23 00-0426		**Controllers** *(23 09 23 00-0411)*		
23 09 23 00-0427	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	628.98	90.32
23 09 23 00-0428	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	796.95	180.65
23 09 23 00-0429	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,108.06	180.65
23 09 23 00-0430	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	1,276.02	180.65
23 09 23 00-0431	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	532.62	90.32
23 09 23 00-0432	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	575.45	90.32
23 09 23 00-0433	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	639.69	90.32
23 09 23 00-0434	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	648.26	90.32
23 09 23 00-0435	EA	BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (Cooling Only), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1610-0)	623.51	90.32
23 09 23 00-0436	EA	BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (With Reheat And Fan Control), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1620-0)	648.48	90.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0437	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	1,319.73	180.65
23 09 23 00-0438		**Master FX Controllers** *(23 09 23 00-0411)*		
23 09 23 00-0439	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	1,615.24	180.65
23 09 23 00-0440	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	1,716.84	180.65
23 09 23 00-0441	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	1,767.32	180.65
23 09 23 00-0442	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	1,736.64	180.65
23 09 23 00-0443	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	1,688.69	180.65
23 09 23 00-0444	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	1,696.38	180.65
23 09 23 00-0445	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	1,688.69	180.65
23 09 23 00-0446	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	1,716.95	180.65
23 09 23 00-0447	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	1,804.69	180.65
23 09 23 00-0448	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	1,863.18	180.65
23 09 23 00-0449	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	1,833.93	180.65
23 09 23 00-0450	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	1,774.06	180.65
23 09 23 00-0451	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	1,716.95	180.65
23 09 23 00-0452	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	1,804.69	180.65
23 09 23 00-0453	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	1,863.18	180.65
23 09 23 00-0454	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	1,833.93	180.65
23 09 23 00-0455	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	1,774.06	180.65
23 09 23 00-0456	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	193.95	45.16
23 09 23 00-0457	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	265.93	45.16
23 09 23 00-0458	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	214.16	45.16
23 09 23 00-0459	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	193.95	45.16
23 09 23 00-0460	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	530.23	45.16
23 09 23 00-0461	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	493.21	45.16
23 09 23 00-0462	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	501.88	45.16
23 09 23 00-0463	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	501.88	45.16
23 09 23 00-0464	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	545.18	45.16
23 09 23 00-0465	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	545.18	45.16
23 09 23 00-0466	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	669.68	45.16
23 09 23 00-0467	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	669.68	45.16
23 09 23 00-0468	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	740.05	45.16
23 09 23 00-0469	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	740.05	45.16
23 09 23 00-0470		**VAV, Network And Special Sensors** *(23 09 23 00-0411)*		
23 09 23 00-0471	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	339.18	28.90
23 09 23 00-0472	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	126.79	28.90
23 09 23 00-0473	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	267.03	28.90
23 09 23 00-0474	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	389.50	28.90
23 09 23 00-0475	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	142.70	28.90
23 09 23 00-0476	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	354.97	28.90
23 09 23 00-0477		**Sensors - Hard Wired Type** *(23 09 23 00-0411)*		
23 09 23 00-0478	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	139.65	52.03
23 09 23 00-0479	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	108.61	28.90
23 09 23 00-0480	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	268.44	13.55
23 09 23 00-0481	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability.	356.34	13.55
23 09 23 00-0482	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	268.92	13.55
23 09 23 00-0483	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	347.13	28.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0484	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	423.20	28.90
23 09 23 00-0485		**Automated Logic Controls** *(23 09 23)*		
23 09 23 00-0486	EA	Up To 25 Point, High Speed Ethernet Router (Automated Logic LGR25)	2,872.07	289.03
23 09 23 00-0487	EA	Up To 250 Point, High Speed Ethernet Router (Automated Logic LGR250)	3,356.36	289.03
23 09 23 00-0488	EA	Up To 1,000 Point, High Speed Ethernet Router (Automated Logic LGR1000)	4,969.21	289.03
23 09 23 00-0489	EA	Up 25 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR25)	3,261.23	289.03
23 09 23 00-0490	EA	Up 200 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR200)	5,358.37	289.03
23 09 23 00-0491	EA	ME812u Controller And Router (Automated Logic ME812u-LGR)	7,473.73	578.05
23 09 23 00-0492	EA	4 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEx48u)	2,255.90	289.03
23 09 23 00-0493	EA	8 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEx88u)	2,608.31	289.03
23 09 23 00-0494	EA	0 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEx016u)	2,407.24	289.03
23 09 23 00-0495	EA	8 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEx816u)	5,428.95	722.57
23 09 23 00-0496	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	2,208.10	216.77
23 09 23 00-0497	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	5,197.39	650.31
23 09 23 00-0498	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	1,628.68	216.77
23 09 23 00-0499	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	3,174.75	289.03
23 09 23 00-0500	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	3,131.51	289.03
23 09 23 00-0501	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	5,225.25	578.05
23 09 23 00-0502	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	2,850.45	289.03
23 09 23 00-0503	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	2,744.28	216.77
23 09 23 00-0504	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	4,965.81	578.05
23 09 23 00-0505	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,018.76	144.52
23 09 23 00-0506	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	1,062.00	144.52
23 09 23 00-0507	EA	6 Digital Outputs, 10 Universal Inputs, 4 Analog Outputs Single Equipment Control Module (Automated Logic SE6104a)	3,437.05	505.81
23 09 23 00-0508	EA	6 Digital Outputs, 16 Universal Inputs, 6 Analog Outputs Single Equipment Control Module (Automated Logic SE6166)	4,165.87	578.05
23 09 23 00-0509	EA	2 Digital Outputs, 2 Universal Inputs Zone Controller (Automated Logic ZN220)	1,250.33	216.77
23 09 23 00-0510	EA	2 Digital Outputs, 5 Universal Inputs, 3 Analog Outputs Zone Controller (Automated Logic ZN253)	1,416.81	216.77
23 09 23 00-0511	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	1,087.95	144.52
23 09 23 00-0512	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	1,068.49	144.52
23 09 23 00-0513	EA	5 Digital Outputs, 5 Universal Inputs, 1 Analog Outputs Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic ZN551)	1,363.19	216.77
23 09 23 00-0514	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	1,256.82	216.77
23 09 23 00-0515	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	7,832.16	
23 09 23 00-0516	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	3,378.44	
23 09 23 00-0517	EA	Advanced Reporting Option, Front End Software For Building Control (Automated Logic WC-ADV-REP)	1,587.37	
23 09 23 00-0518	EA	Advanced Security Option, Front End Software For Building Control (Automated Logic WC-ADV-SEC)	2,019.77	
23 09 23 00-0519	EA	Advanced Alarming Option, Front End Software For Building Control (Automated Logic WC-ADV-ALARM)	2,309.95	
23 09 23 00-0520	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	2,884.57	
23 09 23 00-0521		**Alerton Controls** *(23 09 23)*		
23 09 23 00-0522	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	4,716.37	
23 09 23 00-0523	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	7,052.64	
23 09 23 00-0524	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	16,822.49	
23 09 23 00-0525	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	12,787.12	
23 09 23 00-0526	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	31,902.03	
23 09 23 00-0527	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	19,158.75	
23 09 23 00-0528	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	38,273.66	
23 09 23 00-0529	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	1,131.18	
23 09 23 00-0530	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	14,936.48	
23 09 23 00-0531	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	11,107.13	
23 09 23 00-0532	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	7,022.91	
23 09 23 00-0533	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	4,595.31	
23 09 23 00-0534	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	1,850.58	
23 09 23 00-0535	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	3,037.83	216.77
23 09 23 00-0536	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	4,015.04	289.03
23 09 23 00-0537	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	4,384.59	289.03
23 09 23 00-0538	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	1,784.74	216.77
23 09 23 00-0539	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	2,088.45	216.77
23 09 23 00-0540	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	1,691.28	216.77
23 09 23 00-0541	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	1,886.69	216.77
23 09 23 00-0542	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	4,299.41	216.77
23 09 23 00-0543	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	2,275.59	289.03
23 09 23 00-0544	EA	EXP BACnet Controller (Alerton VLX)	4,910.10	578.05
23 09 23 00-0545	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	5,574.88	578.05
23 09 23 00-0546	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	646.77	64.36
23 09 23 00-0547	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	1,519.25	216.77
23 09 23 00-0548	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	1,589.35	216.77
23 09 23 00-0549	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,347.22	216.77
23 09 23 00-0550	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	1,444.92	216.77
23 09 23 00-0551	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	1,440.68	216.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0552	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	1,927.04	216.77
23 09 23 00-0553	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	1,572.35	216.77
23 09 23 00-0554	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	2,292.58	289.03
23 09 23 00-0555	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,045.40	144.52
23 09 23 00-0556	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,019.91	144.52
23 09 23 00-0557	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	1,451.29	216.77
23 09 23 00-0558	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	1,451.29	216.77
23 09 23 00-0559	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	1,629.70	216.77
23 09 23 00-0560	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	2,976.46	289.03
23 09 23 00-0561	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	1,491.65	216.77
23 09 23 00-0562	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	91.02	8.13
23 09 23 00-0563	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	140.47	8.13
23 09 23 00-0564	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	267.91	8.13
23 09 23 00-0565	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	140.47	8.13
23 09 23 00-0566	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	267.91	8.13
23 09 23 00-0567	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	91.62	8.13
23 09 23 00-0568	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	359.23	8.13
23 09 23 00-0569	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	401.71	8.13
23 09 23 00-0570	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	1,997.13	216.77
23 09 23 00-0571	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	1,997.13	216.77
23 09 23 00-0572	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	1,916.42	216.77

23 09 23 00-0573 Siemens Controls *(23 09 23)*

23 09 23 00-0574	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	193.36	13.55
23 09 23 00-0575	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	168.69	13.55
23 09 23 00-0576	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	205.69	61.02
23 09 23 00-0577	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	307.06	61.02
23 09 23 00-0578	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	37.09	
23 09 23 00-0579	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	126.48	90.32
23 09 23 00-0580	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	206.46	15.92
23 09 23 00-0581	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	364.97	28.90
23 09 23 00-0582	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	713.47	28.90
23 09 23 00-0583	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	604.98	36.61
23 09 23 00-0584	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	202.57	52.03
23 09 23 00-0585	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	170.21	28.90
23 09 23 00-0586	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	965.54	144.52
23 09 23 00-0587	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	60.50	
23 09 23 00-0588	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,004.25	144.52
23 09 23 00-0589	EA	MMI Extension Cable (Siemens 545-712)	98.12	
23 09 23 00-0590	EA	Remote Pressure Transmitter (Siemens 547-003)	618.51	28.90
23 09 23 00-0591	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	1,075.60	144.52
23 09 23 00-0592	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	996.66	144.52
23 09 23 00-0593	EA	Replacement Door Lock And Key Assembly (Siemens 567-225)	26.03	
23 09 23 00-0594	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	7,874.24	
23 09 23 00-0595	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	334.39	
23 09 23 00-0596	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	1,336.24	
23 09 23 00-0597	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	239.99	9.61
23 09 23 00-0598	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	497.92	16.66
23 09 23 00-0599	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	7,943.17	361.29
23 09 23 00-0600	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	8,855.04	361.29
23 09 23 00-0601	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	87.84	13.55
23 09 23 00-0602	EA	Two Position, 24 VAC/VDC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	402.86	79.28
23 09 23 00-0603	EA	Modulating, 0 To 10 VDC, , 24 VAC/VDC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	415.76	79.28
23 09 23 00-0604	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	2,753.07	
23 09 23 00-0605	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	785.72	
23 09 23 00-0606	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	1,889.99	
23 09 23 00-0607	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	1,401.38	
23 09 23 00-0608	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,273.82	
23 09 23 00-0609	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	3,290.08	
23 09 23 00-0610	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	446.35	
23 09 23 00-0611	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	497.56	
23 09 23 00-0612	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	254.52	
23 09 23 00-0613	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	377.57	45.16
23 09 23 00-0614	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	577.90	45.16
23 09 23 00-0615	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	748.98	45.16
23 09 23 00-0616	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	26.93	
23 09 23 00-0617	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	620.05	45.16
23 09 23 00-0618	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	878.33	45.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0619	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	715.21	45.16
23 09 23 00-0620	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	987.10	45.16
23 09 23 00-0621	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,995.67	505.81
23 09 23 00-0622	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	3,416.81	144.52
23 09 23 00-0623	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	5,584.53	578.05
23 09 23 00-0624	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	2,312.03	270.97
23 09 23 00-0625	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,468.47	270.97
23 09 23 00-0626	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	2,312.03	270.97
23 09 23 00-0627	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,873.83	289.03
23 09 23 00-0628	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,952.03	289.03
23 09 23 00-0629	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,918.86	289.03
23 09 23 00-0630	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,070.15	289.03
23 09 23 00-0631	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,873.83	289.03
23 09 23 00-0632	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	2,992.32	289.03
23 09 23 00-0633	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,685.61	505.81
23 09 23 00-0634	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,265.10	578.05
23 09 23 00-0635	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,035.97	
23 09 23 00-0636	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	420.63	36.13
23 09 23 00-0637	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	529.06	72.26
23 09 23 00-0638	EA	Provides FLN Support For The PXC Modular, Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported (Siemens PXX-485.3)	513.53	18.06
23 09 23 00-0639	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	229.45	52.03
23 09 23 00-0640	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	156.82	28.90
23 09 23 00-0641	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	108.06	28.90
23 09 23 00-0642	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	163.42	52.03
23 09 23 00-0643	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	222.30	52.03
23 09 23 00-0644	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	216.34	52.03
23 09 23 00-0645	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	1,966.74	291.02
23 09 23 00-0646	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	23.76	9.03
23 09 23 00-0647	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.34	
23 09 23 00-0648	EA	16 Digital Input Module (Siemens TXM1.16D)	1,002.74	144.52
23 09 23 00-0649	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	1,506.76	216.77
23 09 23 00-0650	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,785.03	216.77
23 09 23 00-0651	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	435.04	28.90

23 09 23 00-0652 Cypress Envirosystems Controls *(23 09 23)*

23 09 23 00-0653 Wireless Pneumatic Thermostat *(23 09 23 00-0652)*

Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.

23 09 23 00-0654	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP) Note: One for every thermostat to be retrofitted.	560.00	9.03
		For >50 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-58.87*	
23 09 23 00-0655	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP) Note: One for every thermostat to be retrofitted.	560.00	9.03
		For >50 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-58.87*	
23 09 23 00-0656	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP) Note: One for every thermostat to be retrofitted.	560.00	9.03
		For >50 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-58.87*	
23 09 23 00-0657	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP) Note: One for every thermostat to be retrofitted.	560.00	9.03
		For >50 To 200, Deduct	*-29.46*	
		For >200, Deduct	*-58.87*	
23 09 23 00-0658	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB) Note: One for every thermostat to be retrofitted.	638.91	9.03
		For >50 To 200, Deduct	*-33.85*	
		For >200, Deduct	*-67.64*	
23 09 23 00-0659	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB) Note: One for every thermostat to be retrofitted.	638.91	9.03
		For >50 To 200, Deduct	*-33.85*	
		For >200, Deduct	*-67.64*	
23 09 23 00-0660	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted.	638.91	9.03
		For >50 To 200, Deduct	*-33.85*	
		For >200, Deduct	*-67.64*	
23 09 23 00-0661	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB) Note: One for every thermostat to be retrofitted.	638.91	9.03
		For >50 To 200, Deduct	*-33.85*	
		For >200, Deduct	*-67.64*	
23 09 23 00-0662	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover.	42.86	9.03
		For >50 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0663	EA	Green Box Controller (Cypress Envirosystems GBC-800-001) Note: One unit for up to 100 thermostats.	3,375.30	9.03
		For 2, Deduct	*-167.58*	
		For >2, Deduct	*-334.86*	
23 09 23 00-0664	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats.	385.55	9.03
		For 2, Deduct	*-20.93*	
		For >2, Deduct	*-41.83*	
23 09 23 00-0665	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats.	439.77	9.03
		For >5 To 10, Deduct	*-21.94*	
		For >10, Deduct	*-43.84*	
23 09 23 00-0666	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	549.19	9.03
		For >5 To 10, Deduct	*-25.51*	
		For >10, Deduct	*-50.98*	

23 09 23 00-0667 Melink Intelli-Hood IH3 Controls *(23 09 23)*

23 09 23 00-0668 Kitchen Ventilation Controllers *(23 09 23 00-0667)*

23 09 23 00-0669	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points include: 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	6,090.35	361.29
23 09 23 00-0670	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	1,064.35	74.52
23 09 23 00-0671	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	1,885.95	300.77

23 09 23 00-0672 Kitchen Ventilation Sensors *(23 09 23 00-0667)*

23 09 23 00-0673	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	331.74	52.03
23 09 23 00-0674	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	2,739.10	289.03

23 09 23 00-0675 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23)*

23 09 23 00-0676 Temperature Sensors *(23 09 23 00-0675)*

23 09 23 00-0677	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	157.06	52.03
23 09 23 00-0678	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	182.19	52.03
23 09 23 00-0679	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	160.55	52.03
23 09 23 00-0680	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	158.89	52.03
23 09 23 00-0681	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	205.84	52.03
23 09 23 00-0682	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	168.21	52.03
23 09 23 00-0683	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	159.66	52.03
23 09 23 00-0684	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	176.77	52.03
23 09 23 00-0685	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	172.58	52.03
23 09 23 00-0686	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	221.62	72.26
23 09 23 00-0687	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	227.58	72.26
23 09 23 00-0688	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	91.36	28.90
23 09 23 00-0689	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	93.88	28.90
23 09 23 00-0690	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	93.88	28.90

23 09 23 00-0691 Water Temperature Sensors *(23 09 23 00-0675)*

23 09 23 00-0692	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	117.15	55.91
23 09 23 00-0693	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	278.29	55.91

23 09 23 00-0694 Relative Humidity Sensors *(23 09 23 00-0675)*

23 09 23 00-0695	EA	3% Duct Mounted RH Sensor (Kele HD30K)	322.17	52.03
23 09 23 00-0696	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	332.12	52.03
23 09 23 00-0697	EA	3% RH Outdoor Air Sensor (Kele HO30K)	381.43	72.26
23 09 23 00-0698	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	271.25	28.90

23 09 23 00-0699 Pressure Sensors *(23 09 23 00-0675)*

23 09 23 00-0700	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005)	403.07	61.02
23 09 23 00-0701	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050)	371.53	61.02
23 09 23 00-0702	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222)	183.34	61.02
23 09 23 00-0703	EA	Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262)	184.90	61.02
23 09 23 00-0704	EA	Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460)	196.09	61.02
23 09 23 00-0705	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145)	182.32	61.02
23 09 23 00-0706	EA	Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	1,533.77	61.02
23 09 23 00-0707	EA	Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	1,533.77	61.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0708	EA	Magnahelic Gauge	461.67	37.30
23 09 23 00-0709		**Water Flow Meters** *(23 09 23 00-0675)*		
23 09 23 00-0710	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	2,787.97	80.86
23 09 23 00-0711	EA	Dual Turbine Insertion Flow Meter With Analog Output (Onicon F-1210) Note: Excludes pipe fittings.	169.15	26.95
23 09 23 00-0712		**Air Flow Monitoring Stations** *(23 09 23 00-0675)*		
23 09 23 00-0713	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	2,216.24	92.26
23 09 23 00-0714	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	3,148.81	92.26
23 09 23 00-0715	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	3,900.66	92.26
23 09 23 00-0716		**Gas Sensors** *(23 09 23 00-0675)*		
23 09 23 00-0717	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	1,161.82	43.35
23 09 23 00-0718	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	434.47	28.90
23 09 23 00-0719	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	929.58	43.35
23 09 23 00-0720	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	524.68	52.03
23 09 23 00-0721		**Room Pressure Monitoring** *(23 09 23 00-0675)*		
23 09 23 00-0722	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	1,829.90	48.05
23 09 23 00-0723	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	2,914.00	48.05
23 09 23 00-0724	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	242.19	28.83
23 09 23 00-0725	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	276.79	28.83
23 09 23 00-0726		**Current Switches And Current Sensors** *(23 09 23 00-0675)*		
23 09 23 00-0727	EA	Current Sensor, 0-20 Amp, 0-5 Volt DC (Senva C-1203)	88.88	28.90
23 09 23 00-0728	EA	Current Sensor, 0-20 Amp, 4-20mA (Senva C-1205)	90.95	28.90
23 09 23 00-0729	EA	VFD Current Switch, 0.5-135 Amp Range, Split Core (Senva C-2350VFD-L)	112.76	28.90
23 09 23 00-0730	EA	Current Switch, 0.15-100 Amp Range, Split Core With NC Command Relay (Senva C-2300 And CR4-24)	95.13	28.90
23 09 23 00-0731	EA	DC Current Sensor, Split Core, 0-50/100/200 Amp (Selectable), 4-20mA, 0-5 Volt DC (Veris H970HCA)	165.08	28.90
23 09 23 00-0732	EA	DC Current Sensor, Split Core, 0-20/40/80 Amp (Selectable), 0-20mA, 0-5 Volt DC (Veris H970LCC)	165.08	28.90
23 09 23 00-0733	EA	Current Switch, 1-135 Amp, N.O. Contact 1A @ 110 Volt (Veris H709)	114.23	28.90
23 09 23 00-0734	EA	Current Switch, 0-10/20/40 Amp, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721)	123.42	28.90
23 09 23 00-0735	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	3,061.35	144.52
23 09 23 00-0736	EA	Power Transducer, Modbus RTU, 100 Amp (Veris H8035-0100-2) Note: 3 phase networked transducer.	478.33	28.90
23 09 23 00-0737	EA	Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2,400 Amp (Veris H8163-2400-4-3)	704.93	28.90
23 09 23 00-0738	EA	Current Transducer, 0-20 Amp, 0-5 Volt DC (Kele 4CTV)	162.27	28.90
23 09 23 00-0739	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	226.51	76.77
23 09 23 00-0740	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	234.12	76.77
23 09 23 00-0741	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	242.81	76.77
23 09 23 00-0742	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	253.69	76.77
23 09 23 00-0743	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	279.74	76.77
23 09 23 00-0744	EA	Toggle Switch	97.92	36.13
23 09 23 00-0745	EA	Maintained Pushbutton Switch	102.82	36.13
23 09 23 00-0746	EA	Manual Time Switch	148.98	36.13
23 09 23 00-0747	EA	Emergency Stop Switch	231.53	36.13
23 09 23 00-0748	EA	Float Switch	250.17	36.13
23 09 23 00-0749	EA	Break Glass Switch	727.23	36.13
23 09 23 00-0750	EA	Boiler E-Stop Switch	502.50	36.13
23 09 23 00-0751		**Relays** *(23 09 23 00-0675)*		
23 09 23 00-0752	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	82.63	28.90
23 09 23 00-0753	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	92.08	28.90
23 09 23 00-0754	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	119.51	36.13
23 09 23 00-0755	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	144.52	28.90
23 09 23 00-0756	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	79.00	28.90
23 09 23 00-0757	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	77.28	28.90
23 09 23 00-0758	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	81.57	28.90
23 09 23 00-0759	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	77.69	28.90
23 09 23 00-0760	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	85.06	28.90
23 09 23 00-0761	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	109.99	36.13
23 09 23 00-0762	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	118.53	36.13
23 09 23 00-0763	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	230.46	36.13
23 09 23 00-0764	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	271.99	36.13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0765		**Surge Protectors** *(23 09 23 00-0675)*		
23 09 23 00-0766	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	187.34	7.23
23 09 23 00-0767	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	142.67	7.23
23 09 23 00-0768	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	219.53	7.23
23 09 23 00-0769	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	120.86	7.23
23 09 23 00-0770	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	120.86	7.23
23 09 23 00-0771	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	120.86	7.23
23 09 23 00-0772	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	172.80	7.23
23 09 23 00-0773	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	108.40	7.23
23 09 23 00-0774		**Transformers** *(23 09 23 00-0675)*		
23 09 23 00-0775	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	99.94	28.90
23 09 23 00-0776	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	107.53	28.90
23 09 23 00-0777	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	110.91	28.90
23 09 23 00-0778	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	114.44	28.90
23 09 23 00-0779	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	123.14	28.90
23 09 23 00-0780		**Power Supplies** *(23 09 23 00-0675)*		
23 09 23 00-0781	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	126.33	28.90
23 09 23 00-0782	EA	AC/DC Power Supply, 1.2 Amp @ 24 Volt Output (Kele DCPA-1.2)	147.13	28.90
23 09 23 00-0783	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	135.49	28.90
23 09 23 00-0784	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	139.76	28.90
23 09 23 00-0785	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	139.76	28.90
23 09 23 00-0786	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	139.76	28.90
23 09 23 00-0787	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amp (Kele DCP-1.5-W-C)	114.66	28.90
23 09 23 00-0788		**Control Damper Actuators** *(23 09 23 00-0675)*		
23 09 23 00-0789	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	409.70	79.40
23 09 23 00-0790	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	428.22	79.40
23 09 23 00-0791	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	490.39	79.40
23 09 23 00-0792	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	502.38	79.40
23 09 23 00-0793	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	530.73	79.40
23 09 23 00-0794	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	573.25	79.40
23 09 23 00-0795		**Valves With Actuator** *(23 09 23 00-0675)*		
23 09 23 00-0796	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	429.71	11.81
23 09 23 00-0797	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	446.54	15.92
23 09 23 00-0798	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	489.79	19.27
23 09 23 00-0799	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	536.44	24.41
23 09 23 00-0800	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	611.26	28.17
23 09 23 00-0801	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	691.68	33.29
23 09 23 00-0802	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	1,296.10	66.57
23 09 23 00-0803	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	1,408.40	77.90
23 09 23 00-0804	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	1,906.40	114.43
23 09 23 00-0805	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	2,802.48	165.36
23 09 23 00-0806	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	3,104.12	183.08
23 09 23 00-0807	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	465.19	17.72
23 09 23 00-0808	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	482.78	23.88
23 09 23 00-0809	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	524.79	28.90
23 09 23 00-0810	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	584.41	36.61
23 09 23 00-0811	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	747.87	42.25
23 09 23 00-0812	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	831.40	49.93
23 09 23 00-0813	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	1,475.27	99.86
23 09 23 00-0814	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	1,625.71	116.86
23 09 23 00-0815	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	2,366.68	171.64
23 09 23 00-0816	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	3,432.27	248.04
23 09 23 00-0817	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	3,814.93	274.61
23 09 23 00-0818	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	117.85	11.81
23 09 23 00-0819	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	136.85	15.92
23 09 23 00-0820	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	173.68	19.27
23 09 23 00-0821	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	141.34	17.72
23 09 23 00-0822	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	164.37	23.88
23 09 23 00-0823	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	206.39	28.90
23 09 23 00-0824	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	163.65	11.81
23 09 23 00-0825	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	210.99	15.92
23 09 23 00-0826	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	219.37	19.27
23 09 23 00-0827	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	286.75	24.40
23 09 23 00-0828	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	296.14	28.17
23 09 23 00-0829	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	376.53	33.29
23 09 23 00-0830	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	808.69	66.57
23 09 23 00-0831	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	949.34	77.90
23 09 23 00-0832	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	198.05	17.72
23 09 23 00-0833	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	228.72	23.88
23 09 23 00-0834	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	294.72	28.90
23 09 23 00-0835	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	418.66	36.61

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0836	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	441.47	42.25
23 09 23 00-0837	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	579.51	49.93
23 09 23 00-0838	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	484.05	61.03
23 09 23 00-0839	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	507.73	66.57
23 09 23 00-0840	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	665.83	77.90
23 09 23 00-0841	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,054.22	130.77
23 09 23 00-0842	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	1,990.13	165.36
23 09 23 00-0843	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,152.18	183.08
23 09 23 00-0844	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	2,983.03	209.23
23 09 23 00-0845	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	3,743.97	256.31
23 09 23 00-0846	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	4,430.65	310.68
23 09 23 00-0847	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	4,925.92	366.15
23 09 23 00-0848	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	6,504.76	402.77
23 09 23 00-0849	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	7,878.05	447.44
23 09 23 00-0850	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	890.72	91.54
23 09 23 00-0851	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,047.84	99.86
23 09 23 00-0852	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,293.14	116.86
23 09 23 00-0853	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	1,732.36	196.15
23 09 23 00-0854	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	3,195.64	248.04
23 09 23 00-0855	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	3,655.72	274.61
23 09 23 00-0856	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	4,514.98	313.88
23 09 23 00-0857	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	5,974.86	384.46
23 09 23 00-0858	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	5,622.63	466.02
23 09 23 00-0859	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	7,026.37	549.23
23 09 23 00-0860	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	12,730.68	604.15
23 09 23 00-0861	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	18,979.47	671.17

23 09 23 00-0862 Valve Actuators *(23 09 23 00-0675)*

23 09 23 00-0863	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	343.30	75.63
23 09 23 00-0864	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	351.15	75.63
23 09 23 00-0865	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	384.67	75.63
23 09 23 00-0866	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	396.27	75.63
23 09 23 00-0867	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	399.20	75.63
23 09 23 00-0868	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	444.80	75.63
23 09 23 00-0869	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	466.38	75.63
23 09 23 00-0870	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	474.72	75.63
23 09 23 00-0871	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	494.82	75.63
23 09 23 00-0872	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	376.16	75.63
23 09 23 00-0873	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	418.33	75.63
23 09 23 00-0874	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	418.33	75.63
23 09 23 00-0875	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	424.71	75.63
23 09 23 00-0876	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	431.74	75.63
23 09 23 00-0877	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	474.23	75.63
23 09 23 00-0878	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	488.93	75.63
23 09 23 00-0879	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	495.31	75.63
23 09 23 00-0880	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	509.16	75.63
23 09 23 00-0881	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	511.01	75.63
23 09 23 00-0882	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	515.91	75.63
23 09 23 00-0883	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	628.68	75.63
23 09 23 00-0884	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	670.37	75.63
23 09 23 00-0885	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	465.89	75.63
23 09 23 00-0886	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	539.94	75.63
23 09 23 00-0887	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,311.75	75.63
23 09 23 00-0888	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,459.84	75.63
23 09 23 00-0889	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	1,778.57	75.63
23 09 23 00-0890	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,001.68	75.63
23 09 23 00-0891	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,337.57	75.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0892	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	2,748.00	75.63
23 09 23 00-0893	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	3,599.25	75.63
23 09 23 00-0894	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	4,394.10	75.63

23 09 23 00-0895 Rectangular Volume Control Dampers *(23 09 23 00-0675)*

Note: Excludes actuators.

23 09 23 00-0896	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	128.81	29.79
23 09 23 00-0897	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	144.68	32.68
23 09 23 00-0898	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	161.50	36.04
23 09 23 00-0899	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	187.07	42.28
23 09 23 00-0900	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	211.69	48.05
23 09 23 00-0901	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	217.16	54.06
23 09 23 00-0902	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	262.99	60.06
23 09 23 00-0903	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	314.27	72.08
23 09 23 00-0904	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	398.80	84.09
23 09 23 00-0905	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	576.03	96.11
23 09 23 00-0906	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,018.22	108.12
23 09 23 00-0907	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	1,283.77	120.14

23 09 23 00-0908 Round Control Galvanized Dampers *(23 09 23 00-0675)*

Note: Excludes actuators.

23 09 23 00-0909	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	132.60	36.04
23 09 23 00-0910	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	132.65	36.04
23 09 23 00-0911	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	137.50	36.04
23 09 23 00-0912	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	143.50	36.04
23 09 23 00-0913	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	161.49	36.04
23 09 23 00-0914	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	187.70	48.05
23 09 23 00-0915	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	251.41	50.58
23 09 23 00-0916	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	262.55	52.43
23 09 23 00-0917	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	279.24	56.52
23 09 23 00-0918	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	296.19	60.61

23 09 23 00-0919 Peco Thermostats and Sensors *(23 09 23 00-0675)*

23 09 23 00-0920	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	309.42	13.55
23 09 23 00-0921	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	393.71	13.55
23 09 23 00-0922	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	173.46	20.32
23 09 23 00-0923	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	147.30	20.32
23 09 23 00-0924	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	230.08	20.32
23 09 23 00-0925	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	197.97	20.32
23 09 23 00-0926	EA	Door Switch Occupancy Sensor (Peco SE200-001)	49.50	20.32
23 09 23 00-0927	EA	Window Switch Occupancy Sensor (Peco SE200-002)	47.80	20.32
23 09 23 00-0928	EA	Power Pack And Controller (Peco SF200-001)	88.28	20.32

23 09 23 00-0929 Johnson Controls *(23 09 23)*

23 09 23 00-0930 Johnson Controls, Labor *(23 09 23 00-0929)*

23 09 23 00-0931	HR	Johnson Controls - Programmers/Technician	140.00

23 09 23 00-0932 Johnson Controls, Materials *(23 09 23 00-0929)*

23 09 23 00-0933	EA	APPL&DATA SERV 5 USER NEW (Johnson Controls MS-ADS05U-0) Note: Material Only, Excludes Installation.	10,347.63
23 09 23 00-0934	EA	CD-R MET APPL&DATA SVR 5 (Johnson Controls MS-ADS05U-6) Note: Material Only, Excludes Installation.	4,966.43
23 09 23 00-0935	EA	ADS05 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADS05U-SC3) Note: Material Only, Excludes Installation.	7,035.16
23 09 23 00-0936	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADS05U-SCS) Note: Material Only, Excludes Installation.	2,588.07
23 09 23 00-0937	EA	APP&DAT LITE-A SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0) Note: Material Only, Excludes Installation.	1,056.77
23 09 23 00-0938	EA	APP&DAT LITE-E SVR,5U,NEW (Johnson Controls MS-ADSLE5U-0) Note: Material Only, Excludes Installation.	2,570.95
23 09 23 00-0939	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADSONLY-SCS) Note: Material Only, Excludes Installation.	1,448.79
23 09 23 00-0940	EA	ADVANCED GRAPHIC NEW CD-R (Johnson Controls MS-ADVGRF-0) Note: Material Only, Excludes Installation.	1,337.05
23 09 23 00-0941	EA	ADVANCED GRAPHICS UPGRADE (Johnson Controls MS-ADVGRF-6) Note: Material Only, Excludes Installation.	374.31
23 09 23 00-0942	EA	ADX10 W/RAP&SQL2008 NEW (Johnson Controls MS-ADX10SQL-0) Note: Material Only, Excludes Installation.	23,043.86
23 09 23 00-0943	EA	ADX10 W/SQL2008 UPGRADE (Johnson Controls MS-ADX10SQL-6) Note: Material Only, Excludes Installation.	17,981.51
23 09 23 00-0944	EA	ADX10 W/SQL2008 MIGRATION (Johnson Controls MS-ADX10SQL-8) Note: Material Only, Excludes Installation.	16,126.94
23 09 23 00-0945	EA	EXT APP&DATA SRV 10U NEW (Johnson Controls MS-ADX10U-0) Note: Material Only, Excludes Installation.	12,275.68
23 09 23 00-0946	EA	EXT APP& DATA SRV 10U UP (Johnson Controls MS-ADX10U-6) Note: Material Only, Excludes Installation.	5,894.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0947	EA	EXT APP&DATA SRV 10U MIG (Johnson Controls MS-ADX10U-8) Note: Material Only, Excludes Installation.	4,173.47	
23 09 23 00-0948	EA	ADX10 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADX10U-SC3) Note: Material Only, Excludes Installation.	8,347.47	
23 09 23 00-0949	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX10U-SCS) Note: Material Only, Excludes Installation.	3,068.93	
23 09 23 00-0950	EA	ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX25ONL-SCS) Note: Material Only, Excludes Installation.	3,474.18	
23 09 23 00-0951	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXONLY-SCS) Note: Material Only, Excludes Installation.	1,718.60	
23 09 23 00-0952	EA	EXT APP&DATA SRV 25U NEW (Johnson Controls MS-ADXSWO-0) Note: Material Only, Excludes Installation.	24,815.61	
23 09 23 00-0953	EA	EXT APP&DATA SRV 25U UP (Johnson Controls MS-ADXSWO-6) Note: Material Only, Excludes Installation.	11,911.49	
23 09 23 00-0954	EA	EXT APP&DATA SRV 25U MIG (Johnson Controls MS-ADXSWO-8) Note: Material Only, Excludes Installation.	16,879.04	
23 09 23 00-0955	EA	ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXSWO-SCS) Note: Material Only, Excludes Installation.	6,203.91	
23 09 23 00-0956	EA	ADXSWO W/RAP&SQL2008 NEW (Johnson Controls MS-ADXSWOSQL-0) Note: Material Only, Excludes Installation.	35,583.79	
23 09 23 00-0957	EA	ADXSWO W/SQL2008 UPGRADE (Johnson Controls MS-ADXSWOSQL-6) Note: Material Only, Excludes Installation.	19,578.66	
23 09 23 00-0958	EA	ADXSWO W/SQL08 MIGRATION (Johnson Controls MS-ADXSWOSQL-8) Note: Material Only, Excludes Installation.	29,876.41	
23 09 23 00-0959	EA	PUSH BAR,DOOR,REX SW,36" (Johnson Controls MSB550-2V) Note: Material Only, Excludes Installation.	222.12	
23 09 23 00-0960	EA	TERMINAL MODULE (Johnson Controls MS-BACEOL-0) Note: Material Only, Excludes Installation.	45.10	
23 09 23 00-0961	EA	BATTERY 12V FOR NAE/NIE (Johnson Controls MS-BAT1010-0) Note: Material Only, Excludes Installation.	74.79	
23 09 23 00-0962	EA	BATTERY PACK (Johnson Controls MS-BAT1020-0) Note: Material Only, Excludes Installation.	33.42	
23 09 23 00-0963	EA	BLUETOOTH MSTP INTERFACE (Johnson Controls MS-BTCVT-1) Note: Material Only, Excludes Installation.	404.97	
23 09 23 00-0964	EA	BLUETOOTH MSTP (Johnson Controls MS-BTCVT-1G) Note: Material Only, Excludes Installation.	434.82	
23 09 23 00-0965	EA	MS-NIE5910-0 METASYS NIE (Johnson Controls MS-CIGCUST-0025) Note: Material Only, Excludes Installation.	11,628.76	
23 09 23 00-0966	EA	CUSTOM CIG - SIEMENS (Johnson Controls MS-CIGCUST-0027) Note: Material Only, Excludes Installation.	12,018.30	
23 09 23 00-0967	EA	INTERFACE BUFFER KIT (Johnson Controls MS-CIGCUSTKIT-0) Note: Material Only, Excludes Installation.	704.74	
23 09 23 00-0968	EA	COPY ADS05 USER (Johnson Controls MS-COPY-ADS05U) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0969	EA	COPY ADX10 USER (Johnson Controls MS-COPY-ADX10U) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0970	EA	COPY ADXSWO 25 USER (Johnson Controls MS-COPY-ADXSWO) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0971	EA	COPY EXPORT UTILITY (Johnson Controls MS-COPY-EXPORT) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0972	EA	COPY SCT (Johnson Controls MS-COPY-SCT) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0973	EA	RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0) Note: Material Only, Excludes Installation.	176.78	
23 09 23 00-0974	EA	RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0G) Note: Material Only, Excludes Installation.	175.62	
23 09 23 00-0975	EA	ENERGY ESSENTIALS (Johnson Controls MS-EREPORT-0) Note: Material Only, Excludes Installation.	920.37	
23 09 23 00-0976	EA	ENERGY ESSENTIAL UPGRADE (Johnson Controls MS-EREPORT-6) Note: Material Only, Excludes Installation.	64.58	
23 09 23 00-0977	EA	METASYS SYSTEM (Johnson Controls MS-EXPORT-0) Note: Material Only, Excludes Installation.	1,071.35	
23 09 23 00-0978	EA	EXPORT UT UPGRADE S/W (Johnson Controls MS-EXPORT-6) Note: Material Only, Excludes Installation.	310.72	
23 09 23 00-0979	EA	FEC1611-0, FEC9, W/O (Johnson Controls MS-FEC1611-0) Note: Material Only, Excludes Installation.	267.58	
23 09 23 00-0980	EA	MS-FEC1611-0G (Johnson Controls MS-FEC1611-0G) Note: Material Only, Excludes Installation.	281.78	
23 09 23 00-0981	EA	FEC1621-0 FINAL ASSEMBLY (Johnson Controls MS-FEC1621-0) Note: Material Only, Excludes Installation.	435.49	
23 09 23 00-0982	EA	FEC2611-0,FEC17 (Johnson Controls MS-FEC2611-0) Note: Material Only, Excludes Installation.	385.33	
23 09 23 00-0983	EA	MS-FEC2611-0G (Johnson Controls MS-FEC2611-0G) Note: Material Only, Excludes Installation.	405.75	
23 09 23 00-0984	EA	FEC2621-1,FEC 17 (Johnson Controls MS-FEC2621-0) Note: Material Only, Excludes Installation.	553.23	
23 09 23 00-0985	EA	MS-FEC2621-0G (Johnson Controls MS-FEC2621-0G) Note: Material Only, Excludes Installation.	582.55	
23 09 23 00-0986	EA	CTRL 10 PT,W/ BASE,UL (Johnson Controls MS-FEU1610-0U) Note: Material Only, Excludes Installation.	280.84	
23 09 23 00-0987	EA	CTRL 10 PT,W/ BASE,DIS,UL (Johnson Controls MS-FEU1620-0U) Note: Material Only, Excludes Installation.	457.04	
23 09 23 00-0988	EA	CTRL 17 PT,W/ BASE,UL (Johnson Controls MS-FEU2610-0U) Note: Material Only, Excludes Installation.	404.38	
23 09 23 00-0989	EA	1 PKG OF 10 FUSES (Johnson Controls MS-FUSE01-0) Note: Material Only, Excludes Installation.	24.07	
23 09 23 00-0990	EA	MS GGT-0 GRAPHICS (Johnson Controls MS-GGT-0) Note: Material Only, Excludes Installation.	1,350.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0991	EA	MS-IOM1711-0 FINAL (Johnson Controls MS-IOM1711-0) Note: Material Only, Excludes Installation.	172.96	
23 09 23 00-0992	EA	MS-IOM1711-0G (Johnson Controls MS-IOM1711-0G) Note: Material Only, Excludes Installation.	182.12	
23 09 23 00-0993	EA	IO MOD 6PT,UL (Johnson Controls MS-IOM2710-0U) Note: Material Only, Excludes Installation.	237.47	
23 09 23 00-0994	EA	MS-IOM2711-0 FINAL (Johnson Controls MS-IOM2711-0) Note: Material Only, Excludes Installation.	216.19	
23 09 23 00-0995	EA	MS-IOM2711-0G (Johnson Controls MS-IOM2711-0G) Note: Material Only, Excludes Installation.	231.86	
23 09 23 00-0996	EA	MS-IOM3711-0,FINAL (Johnson Controls MS-IOM3711-0) Note: Material Only, Excludes Installation.	281.05	
23 09 23 00-0997	EA	MS-IOM3711-0G (Johnson Controls MS-IOM3711-0G) Note: Material Only, Excludes Installation.	295.95	
23 09 23 00-0998	EA	IOM4711,IOM 17 POINT,UL (Johnson Controls MS-IOM4711-0) Note: Material Only, Excludes Installation.	301.06	
23 09 23 00-0999	EA	MS-IOM4711-0G (Johnson Controls MS-IOM4711-0G) Note: Material Only, Excludes Installation.	305.05	
23 09 23 00-1000	EA	MS-LCS8520-0 SERVER (Johnson Controls MS-LCS8520-0) Note: Material Only, Excludes Installation.	15,095.05	
23 09 23 00-1001	EA	LCS8520 SOFTWARE UPGRADE (Johnson Controls MS-LCS85SW-6) Note: Material Only, Excludes Installation.	3,399.30	
23 09 23 00-1002	EA	LOCAL DISPL.TERMINAL KIT (Johnson Controls MS-LDT1102-0) Note: Material Only, Excludes Installation.	445.29	
23 09 23 00-1003	EA	METASYS INTEGRATOR (Johnson Controls MS-MIG3520-0) Note: Material Only, Excludes Installation.	4,166.62	
23 09 23 00-1004	EA	META INTEGR.R9 PERFORM. (Johnson Controls MS-MIGPST-0) Note: Material Only, Excludes Installation.	246.75	
23 09 23 00-1005	EA	METASYS INTEGR.SW-FACT. (Johnson Controls MS-MIGSWO-0) Note: Material Only, Excludes Installation.	441.79	
23 09 23 00-1006	EA	SOFTWARE, METASYS INTEGRA (Johnson Controls MS-MIGSWO-1) Note: Material Only, Excludes Installation.	441.79	
23 09 23 00-1007	EA	ENGINE IMAG SUBSC SVC 3YR (Johnson Controls MS-MULTENG-SC3) Note: Material Only, Excludes Installation.	1,394.81	
23 09 23 00-1008	EA	ENGINE IMAGE (Johnson Controls MS-MULTENG-SCS) Note: Material Only, Excludes Installation.	528.77	
23 09 23 00-1009	EA	ENGINE IMAGE (Johnson Controls MS-MULTENGSW-6) Note: Material Only, Excludes Installation.	961.49	
23 09 23 00-1010	EA	MVE 10 TO 25 USER (Johnson Controls MS-MVE1025U-8) Note: Material Only, Excludes Installation.	9,462.78	
23 09 23 00-1011	EA	MVE 10 USER SW, NEW ORDER (Johnson Controls MS-MVE10U-0) Note: Material Only, Excludes Installation.	21,423.57	
23 09 23 00-1012	EA	MVE,UPGRADE,10 (Johnson Controls MS-MVE10U-6) Note: Material Only, Excludes Installation.	6,291.90	
23 09 23 00-1013	EA	MVE 10 USER SW-SUBSCRIPT (Johnson Controls MS-MVE10U-SCS) Note: Material Only, Excludes Installation.	4,284.84	
23 09 23 00-1014	EA	MVE 25 USER SW, NEW ORDER (Johnson Controls MS-MVE25U-0) Note: Material Only, Excludes Installation.	30,433.56	
23 09 23 00-1015	EA	MVE,UPGRADE,25 (Johnson Controls MS-MVE25U-6) Note: Material Only, Excludes Installation.	8,256.06	
23 09 23 00-1016	EA	MS-MVE25U-SC3,MVE 25 (Johnson Controls MS-MVE25U-SC3) Note: Material Only, Excludes Installation.	18,124.86	
23 09 23 00-1017	EA	MVE 25 USER SW-SUBSCRIPT (Johnson Controls MS-MVE25U-SCS) Note: Material Only, Excludes Installation.	6,427.26	
23 09 23 00-1018	EA	MVE 5 TO 10 USER (Johnson Controls MS-MVE510U-8) Note: Material Only, Excludes Installation.	17,139.35	
23 09 23 00-1019	EA	MVE 5 TO 25 USER (Johnson Controls MS-MVE525U-8) Note: Material Only, Excludes Installation.	26,463.41	
23 09 23 00-1020	EA	MVE 5 USER SW, NEW ORDER (Johnson Controls MS-MVE5U-0) Note: Material Only, Excludes Installation.	4,029.20	
23 09 23 00-1021	EA	MVE,UPGRADE,5 USERS (Johnson Controls MS-MVE5U-6) Note: Material Only, Excludes Installation.	1,183.34	
23 09 23 00-1022	EA	MVE 5 USER SW-SUBSCRIPT (Johnson Controls MS-MVE5U-SCS) Note: Material Only, Excludes Installation.	1,499.69	
23 09 23 00-1023	EA	NAE 1 RS485 50 DEV (Johnson Controls MS-NAE3510-2) Note: Material Only, Excludes Installation.	2,499.56	
23 09 23 00-1024	EA	NAE 50 DEV,N2/MSTP, UL (Johnson Controls MS-NAE3510-2U) Note: Material Only, Excludes Installation.	2,610.38	
23 09 23 00-1025	EA	NAE 1 RS485 50 DEV MODEM (Johnson Controls MS-NAE3511-2) Note: Material Only, Excludes Installation.	2,636.92	
23 09 23 00-1026	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2) Note: Material Only, Excludes Installation.	1,769.15	
23 09 23 00-1027	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2G) Note: Material Only, Excludes Installation.	1,804.54	
23 09 23 00-1028	EA	NAE 1 RS485 50 DEV MDM BA (Johnson Controls MS-NAE3515-2) Note: Material Only, Excludes Installation.	1,905.26	
23 09 23 00-1029	EA	NAE 1 LON (Johnson Controls MS-NAE3520-2) Note: Material Only, Excludes Installation.	2,499.50	
23 09 23 00-1030	EA	MS-NAE3520-2G (Johnson Controls MS-NAE3520-2G) Note: Material Only, Excludes Installation.	2,624.48	
23 09 23 00-1031	EA	NAE 1 LON MODEM (Johnson Controls MS-NAE3521-2) Note: Material Only, Excludes Installation.	2,709.99	
23 09 23 00-1032	EA	NAE 1 LON BA UI (Johnson Controls MS-NAE3524-2) Note: Material Only, Excludes Installation.	1,710.19	
23 09 23 00-1033	EA	NAE 1 LON MDM BA UI (Johnson Controls MS-NAE3525-2) Note: Material Only, Excludes Installation.	1,843.11	
23 09 23 00-1034	EA	NAE 1 RS485 100 DEV 1=10 (Johnson Controls MS-NAE4510-2) Note: Material Only, Excludes Installation.	4,845.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-1035	EA	NAE 100 DEV,N2/MSTP, UL (Johnson Controls MS-NAE4510-2U) Note: Material Only, Excludes Installation.	5,060.59	
23 09 23 00-1036	EA	NAE 1 RS485 100 DEV MODEM (Johnson Controls MS-NAE4511-2) Note: Material Only, Excludes Installation.	5,054.92	
23 09 23 00-1037	EA	NAE 1 LON (Johnson Controls MS-NAE4520-2) Note: Material Only, Excludes Installation.	4,314.93	
23 09 23 00-1038	EA	MS-NAE4521-2 (Johnson Controls MS-NAE4521-2) Note: Material Only, Excludes Installation.	4,525.42	
23 09 23 00-1039	EA	NAE 2-N2/MSTP, UL (Johnson Controls MS-NAE5510-1U) Note: Material Only, Excludes Installation.	7,653.61	
23 09 23 00-1040	EA	NAE55, 2 RS485 (Johnson Controls MS-NAE5510-2) Note: Material Only, Excludes Installation.	7,328.69	
23 09 23 00-1041	EA	NAE55, 2 RS485, BA (Johnson Controls MS-NAE5510-2G) Note: Material Only, Excludes Installation.	7,328.69	
23 09 23 00-1042	EA	FIPS 140-2 Hardened NAE5510 w/ Enclosure (Johnson Controls MS-NAE5510-EER) Note: Material Only, Excludes Installation.	14,647.46	
23 09 23 00-1043	EA	NAE55, 2 RS485, MODEM (Johnson Controls MS-NAE5511-2) Note: Material Only, Excludes Installation.	7,621.60	
23 09 23 00-1044	EA	NAE55, 2 RS485, LON (Johnson Controls MS-NAE5520-2) Note: Material Only, Excludes Installation.	8,153.44	
23 09 23 00-1045	EA	NAE55, 2 RS485, LON, MDM (Johnson Controls MS-NAE5521-2) Note: Material Only, Excludes Installation.	8,440.92	
23 09 23 00-1046	EA	NCM4500 NT CBL KIT (Johnson Controls MS-NC45NTE-0) Note: Material Only, Excludes Installation.	121.69	
23 09 23 00-1047	EA	NCM4500 NT CBL KIT,NORTH (Johnson Controls MS-NC45NTK-0) Note: Material Only, Excludes Installation.	93.50	
23 09 23 00-1048	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0) Note: Material Only, Excludes Installation.	1,537.64	
23 09 23 00-1049	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0G) Note: Material Only, Excludes Installation.	1,568.39	
23 09 23 00-1050	EA	NCE, 33 POINTS, N2, MDM (Johnson Controls MS-NCE2511-0) Note: Material Only, Excludes Installation.	1,590.67	
23 09 23 00-1051	EA	NCE, 33 PNTS, N2, DISPLY (Johnson Controls MS-NCE2516-0) Note: Material Only, Excludes Installation.	1,707.31	
23 09 23 00-1052	EA	NCE, 33 PTS, N2, MDM, DIS (Johnson Controls MS-NCE2517-0) Note: Material Only, Excludes Installation.	1,760.33	
23 09 23 00-1053	EA	NCE, 33 PNTS, LON (Johnson Controls MS-NCE2520-0) Note: Material Only, Excludes Installation.	1,537.64	
23 09 23 00-1054	EA	NCE, 33 PTS, LON, MDM (Johnson Controls MS-NCE2521-0) Note: Material Only, Excludes Installation.	1,590.67	
23 09 23 00-1055	EA	NCE, 33 PNTS, LON, DISPLY (Johnson Controls MS-NCE2526-0) Note: Material Only, Excludes Installation.	1,707.31	
23 09 23 00-1056	EA	NCE, 33 PTS LON, MDM, DIS (Johnson Controls MS-NCE2527-0) Note: Material Only, Excludes Installation.	1,760.33	
23 09 23 00-1057	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0) Note: Material Only, Excludes Installation.	1,537.64	
23 09 23 00-1058	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0G) Note: Material Only, Excludes Installation.	1,568.39	
23 09 23 00-1059	EA	NCE 33 PNTS,MSTP UL 864 (Johnson Controls MS-NCE2560-0U) Note: Material Only, Excludes Installation.	1,583.60	
23 09 23 00-1060	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0) Note: Material Only, Excludes Installation.	1,590.67	
23 09 23 00-1061	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0G) Note: Material Only, Excludes Installation.	1,622.47	
23 09 23 00-1062	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0) Note: Material Only, Excludes Installation.	1,610.67	
23 09 23 00-1063	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0G) Note: Material Only, Excludes Installation.	1,642.89	
23 09 23 00-1064	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0) Note: Material Only, Excludes Installation.	1,660.69	
23 09 23 00-1065	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0G) Note: Material Only, Excludes Installation.	1,693.90	
23 09 23 00-1066	EA	NCM 1 N2 ETH (Johnson Controls MS-NCM4510-2) Note: Material Only, Excludes Installation.	6,637.07	
23 09 23 00-1067	EA	NCM LON ETH (Johnson Controls MS-NCM4520-2) Note: Material Only, Excludes Installation.	8,779.20	
23 09 23 00-1068	EA	ETHERNET CARD FOR N30 (Johnson Controls MS-NET1300-0) Note: Material Only, Excludes Installation.	333.66	
23 09 23 00-1069	EA	NIE55, N1 (Johnson Controls MS-NIE5510-2) Note: Material Only, Excludes Installation.	7,328.69	
23 09 23 00-1070	EA	NIE55, N1, MODEM (Johnson Controls MS-NIE5511-2) Note: Material Only, Excludes Installation.	7,615.96	
23 09 23 00-1071	EA	NIE85 10KOBJT. RACKMOUNT (Johnson Controls MS-NIE8500-0) Note: Material Only, Excludes Installation.	14,486.31	
23 09 23 00-1072	EA	NXE8500 S/W NEW (Johnson Controls MS-NXE85SW-0) Note: Material Only, Excludes Installation.	11,862.19	
23 09 23 00-1073	EA	SOFTWARE UPGRADE (Johnson Controls MS-NXE85SW-6) Note: Material Only, Excludes Installation.	3,322.36	
23 09 23 00-1074	EA	8500 SW SUB SER (Johnson Controls MS-NXE85SW-SCS) Note: Material Only, Excludes Installation.	2,242.80	
23 09 23 00-1075	EA	READY ACCESS PORTAL/TYPE (Johnson Controls MS-RAP-0) Note: Material Only, Excludes Installation.	1,019.18	
23 09 23 00-1076	EA	METASYS SCT SOFTWARE (Johnson Controls MS-SCTSWO-0) Note: Material Only, Excludes Installation.	1,446.40	
23 09 23 00-1077	EA	MET.SYS.CONF.TOOL CD ROM (Johnson Controls MS-SCTSWO-6) Note: Material Only, Excludes Installation.	723.53	
23 09 23 00-1078	EA	CONNECTOR KIT,NAE (Johnson Controls MS-TBKNAE-0) Note: Material Only, Excludes Installation.	15.39	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-1079	EA	MS-THINAPP-0, 10 THIN (Johnson Controls MS-THINAPP-0) Note: Material Only, Excludes Installation.	528.39	
23 09 23 00-1080	EA	MS-THINSUP-0 (Johnson Controls MS-THINSUP-0) Note: Material Only, Excludes Installation.	176.13	
23 09 23 00-1081	EA	VAV MSTP,CLG,UL (Johnson Controls MS-VMA1610-0U) Note: Material Only, Excludes Installation.	259.52	
23 09 23 00-1082	EA	NEXSYS FSC 01, UL (Johnson Controls MS-VMA1620-0U) Note: Material Only, Excludes Installation.	301.29	
23 09 23 00-1083	EA	MS-VMAACT-700 ACT. ASSY (Johnson Controls MS-VMAACT-700) Note: Material Only, Excludes Installation.	45.74	
23 09 23 00-1084	EA	WIRELSS FLDBUS COORDINATR (Johnson Controls MS-ZFR1810-0) Note: Material Only, Excludes Installation.	290.64	
23 09 23 00-1085	EA	ASSEMBLY SUPERVOSORY (Johnson Controls MS-ZFR1810-0G) Note: Material Only, Excludes Installation.	279.84	
23 09 23 00-1086	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0) Note: Material Only, Excludes Installation.	98.63	
23 09 23 00-1087	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0G) Note: Material Only, Excludes Installation.	109.00	
23 09 23 00-1088	EA	CABLE ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRCBL-0) Note: Material Only, Excludes Installation.	14.43	
23 09 23 00-1089	EA	REPEATR ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRRPT-0) Note: Material Only, Excludes Installation.	50.89	

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

23 11 23 00-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*

23 11 23 00-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*
Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.

23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	4.72	1.61
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.18	1.73
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.18	1.88
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.75	1.99
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	9.10	2.09
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	13.71	2.17
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	18.49	2.31

23 11 23 00-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*

23 11 23 00-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.56
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	22.56
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.19
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.19
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.92
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.40
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.40
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.07
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.85
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	193.22

23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.88
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.19
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.19
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.92
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.92
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.73
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.73

23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.32
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.95	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.19	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.44	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.94	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	109.27	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	212.04	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	351.18	

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.50	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.93	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	103.57	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	177.04	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	190.30	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	218.30	

23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.99	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.95	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.38	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.51	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.08	

23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.64	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.49	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.76	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.02	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.02	

23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	47.56	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.76	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.08	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	79.65	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.65	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	118.02	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	146.14	

23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.13	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.28	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.37	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.87	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	103.04	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	140.75	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	176.93	

23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.73	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.99	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	46.52	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.93	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	136.53	
	23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	216.54	
23 11 23 00-0083			Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
			Note: Includes mounting plate.		
	23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.83	
	23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.03	
	23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.85	
	23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.93	
	23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	26.01	
	23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.77	
	23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.85	
23 11 23 00-0091			Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
			Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
	23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.81	16.85
	23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	78.67	17.68
23 11 23 00-0094			Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
	23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.45	14.74
	23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.75	17.52
	23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	72.01	21.06
	23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.34	28.13
23 11 23 00-0099			Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
			Note: Includes mounting hardware.		
	23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.87	17.52
	23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	70.37	21.06
	23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.10	17.52
	23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	73.11	21.06
	23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.16	52.65
23 11 23 00-0105			Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
	23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.30	17.52
	23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.30	17.52
	23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.60	17.52
	23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.61	21.06
	23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.61	21.06
	23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	111.65	28.13
	23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	165.56	31.58
	23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.12	17.52
	23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	212.20	21.06
	23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	513.35	31.58
23 11 23 00-0116			Gas Stops *(23 11 23)*		
23 11 23 00-0117			Brass Gas Stops *(23 11 23 00-0116)*		
			Note: Flat or square head		
	23 11 23 00-0118	EA	3/8" Brass Gas Stop	36.59	9.15
	23 11 23 00-0119	EA	1/2" Brass Gas Stop	35.84	9.15
	23 11 23 00-0120	EA	3/4" Brass Gas Stop	47.55	10.07
	23 11 23 00-0121	EA	1" Brass Gas Stop	63.11	11.44
	23 11 23 00-0122	EA	1-1/4" Brass Gas Stop	82.49	12.17
	23 11 23 00-0123	EA	1-1/2" Brass Gas Stop	100.82	14.09
	23 11 23 00-0124	EA	2" Brass Gas Stop	132.88	16.65
23 11 23 00-0125			Iron Body Gas Stops *(23 11 23 00-0116)*		
	23 11 23 00-0126	EA	1/2" Iron Body Gas Stop	43.37	9.15
	23 11 23 00-0127	EA	3/4" Iron Body Gas Stop	54.96	10.07
	23 11 23 00-0128	EA	1" Iron Body Gas Stop	67.58	11.44
	23 11 23 00-0129	EA	1-1/4" Iron Body Gas Stop	86.83	12.17
	23 11 23 00-0130	EA	1-1/2" Iron Body Gas Stop	106.27	14.09
	23 11 23 00-0131	EA	2" Iron Body Gas Stop	134.12	16.65
	23 11 23 00-0132	EA	2-1/2" Iron Body Gas Stop	236.58	22.48
	23 11 23 00-0133	EA	3" Iron Body Gas Stop	307.36	26.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0134		Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*		
23 11 23 00-0135	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	87.54	9.15
23 11 23 00-0136	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	101.31	9.15
23 11 23 00-0137	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	130.08	10.07
23 11 23 00-0138	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	189.57	11.44
23 11 23 00-0139	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	331.46	14.09
23 11 23 00-0140	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	546.54	16.65
23 11 23 00-0141	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	681.53	22.48
23 11 23 00-0142	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	1,007.87	26.11

23 11 33 Facility Fiberglass Reinforced Piping *(23 11)*

23 11 33 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 33)*

23 11 33 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 33 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).

23 11 33 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	15.53	6.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-6.80*	
23 11 33 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	18.62	7.25
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.15*	
23 11 33 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	24.90	10.70
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-12.00*	
23 11 33 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	29.13	12.30
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-13.52*	
23 11 33 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	33.93	13.73
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.47*	
23 11 33 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	45.27	16.02
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-18.00*	
23 11 33 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	59.65	19.05
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-21.46*	
23 11 33 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	68.19	24.00
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.99*	

23 11 33 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 33 00-0001)*

23 11 33 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 33 00-0011)*

23 11 33 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	122.77	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	145.18	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	173.20	84.23
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.70*	
23 11 33 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	207.65	94.77
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-104.55*	
23 11 33 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	248.96	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	352.49	132.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-149.45*	
23 11 33 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	450.63	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	527.26	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 33 00-0011)*

23 11 33 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	123.02	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	145.26	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	173.44	84.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.76*	
23 11 33 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	215.68	100.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.55*	
23 11 33 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	248.88	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	352.49	132.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-149.45*	
23 11 33 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	410.03	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	527.26	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 33 00-0011)*

23 11 33 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	171.20	90.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-101.89*	
23 11 33 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	208.60	109.16
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-122.72*	
23 11 33 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	239.80	126.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-142.16*	
23 11 33 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	290.41	150.18
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-165.89*	
23 11 33 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	328.14	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	409.71	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	
23 11 33 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	572.61	240.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-269.99*	
23 11 33 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	734.26	291.89
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-328.21*	

23 11 33 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 33 00-0011)*

23 11 33 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	195.12	90.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-101.89*	
23 11 33 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	242.63	108.99
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-122.56*	
23 11 33 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	283.28	126.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-142.14*	
23 11 33 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	327.45	150.18
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-165.89*	
23 11 33 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	358.73	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	458.08	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	
23 11 33 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	633.61	240.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-269.99*	
23 11 33 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	800.76	291.89
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-328.21*	

23 11 33 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 33 00-0011)*

23 11 33 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	120.52	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	149.99	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	169.60	84.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.76*	
23 11 33 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	197.38	100.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.55*	
23 11 33 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	216.11	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	278.30	132.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-149.45*	
23 11 33 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	345.18	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	449.98	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 33 00-0011)*

23 11 33 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	109.83	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	129.56	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	149.19	84.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.76*	
23 11 33 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	177.39	100.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.55*	
23 11 33 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	196.55	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	224.42	132.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-149.45*	
23 11 33 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	276.12	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	376.15	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0066 Fiberglass Reinforced Plastic Nipples *(23 11 33 00-0011)*

23 11 33 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	16.19	7.25
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.15*	
23 11 33 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	32.31	14.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.26*	
23 11 33 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	39.92	11.12
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-12.51*	
23 11 33 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	48.33	14.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.76*	
23 11 33 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	41.55	10.60
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-11.96*	
23 11 33 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	53.44	15.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.93*	
23 11 33 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	63.92	17.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.73*	
23 11 33 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	74.41	19.13
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-21.54*	
23 11 33 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	52.61	22.32
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-25.10*	
23 11 33 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	73.31	31.88
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-35.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	72.24	22.72
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-25.52*	
23 11 33 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	108.35	33.96
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-38.21*	
23 11 33 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	81.00	23.43
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.33*	
23 11 33 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	110.86	35.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-39.47*	

23 11 33 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings *(23 11 33 00-0011)*

23 11 33 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	95.45	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	114.64	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	133.05	84.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.76*	
23 11 33 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	156.66	100.15
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.55*	
23 11 33 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	171.23	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	216.60	132.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-149.45*	
23 11 33 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	266.37	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	328.69	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0090 Fiberglass Reinforced Plastic Flanges *(23 11 33 00-0011)*

23 11 33 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	96.06	60.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-67.93*	
23 11 33 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	115.44	72.53
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-81.52*	
23 11 33 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	128.49	79.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-89.51*	
23 11 33 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	151.74	94.77
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-104.62*	
23 11 33 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	174.77	106.34
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.56*	
23 11 33 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	211.62	127.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-143.06*	
23 11 33 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	271.88	160.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-179.99*	
23 11 33 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	350.75	198.48
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-223.19*	

23 11 33 00-0099 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings *(23 11 33)*

23 11 33 00-0100 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing *(23 11 33 00-0099)*

23 11 33 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	54.28	26.03
23 11 33 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	64.51	30.83
23 11 33 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	89.26	45.48
23 11 33 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	119.86	58.96
23 11 33 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	153.10	68.55
23 11 33 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	195.29	81.30
23 11 33 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	248.05	102.59

23 11 33 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings *(23 11 33 00-0099)*

23 11 33 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows *(23 11 33 00-0108)*

23 11 33 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	807.36	322.10
23 11 33 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	947.39	386.61
23 11 33 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,146.61	449.28
23 11 33 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,752.50	566.97
23 11 33 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,606.88	708.85
23 11 33 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,401.33	852.81
23 11 33 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	4,450.49	1,056.06

23 11 33 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows *(23 11 33 00-0108)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	808.07	322.10
23 11 33 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	946.15	386.61
23 11 33 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,145.63	449.28
23 11 33 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,746.78	566.97
23 11 33 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,598.60	708.85
23 11 33 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,390.55	853.21
23 11 33 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	4,438.72	1,058.46

23 11 33 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees *(23 11 33 00-0108)*

23 11 33 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,163.28	483.14
23 11 33 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,431.50	582.28
23 11 33 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,634.93	674.26
23 11 33 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,374.43	853.60
23 11 33 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,979.20	1,058.46
23 11 33 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,557.50	1,278.93
23 11 33 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	6,008.29	1,550.66

23 11 33 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes *(23 11 33 00-0108)*

23 11 33 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,460.37	483.14
23 11 33 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,855.63	581.60
23 11 33 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,175.06	674.26
23 11 33 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,754.17	853.60
23 11 33 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,579.73	1,058.46
23 11 33 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,314.96	1,278.93
23 11 33 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,833.97	1,550.66

23 11 33 00-0141 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers *(23 11 33 00-0108)*

23 11 33 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	854.77	322.10
23 11 33 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,092.37	386.61
23 11 33 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,210.58	449.28
23 11 33 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,554.00	566.97
23 11 33 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,044.04	708.85
23 11 33 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,584.76	852.81
23 11 33 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,475.63	1,056.06

23 11 33 00-0149 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters *(23 11 33 00-0108)*

23 11 33 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	722.00	322.10
23 11 33 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	838.81	386.61
23 11 33 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	957.26	449.28
23 11 33 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,311.20	566.97
23 11 33 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,375.04	708.85
23 11 33 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,727.24	852.81
23 11 33 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,558.94	1,056.06

23 11 33 00-0157 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 33 00-0108)*

23 11 33 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	123.98	38.66
23 11 33 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	247.67	77.16
23 11 33 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	377.48	59.30
23 11 33 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	441.91	79.47
23 11 33 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	402.89	56.67
23 11 33 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	494.28	85.05
23 11 33 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	720.48	102.19
23 11 33 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	416.23	119.09
23 11 33 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	571.78	170.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	656.06	120.99
23 11 33 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	984.47	181.25
23 11 33 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	757.08	124.82
23 11 33 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,003.79	187.24
23 11 33 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 33 00-0108)*		
23 11 33 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	749.97	424.53
23 11 33 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,040.76	566.97
23 11 33 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,276.63	678.64
23 11 33 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,674.67	852.81
23 11 33 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,243.52	1,056.06

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001 Cast Iron Internal Gear Rotary Pump *(23 12 13)*
Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.

23 12 13 00-0002 10 GPM 1" Discharge *(23 12 13 00-0001)*

23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,827.74	244.38
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,887.47	295.79
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	2,044.33	351.40

23 12 13 00-0006 25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*

23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,884.87	244.38
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,972.25	295.79
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	2,059.51	351.40

23 12 13 00-0010 Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*

23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,338.30	136.93
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,582.43	153.37
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,725.19	171.91
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,874.68	193.82
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,703.86	215.73
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	3,333.36	241.43
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,690.53	270.50
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	4,531.95	302.52
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	5,362.70	339.19
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	6,003.40	380.48
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	6,731.14	426.49

23 12 16 Facility Gasoline Dispensing Pumps *(23 12)*

23 12 16 00-0001 Unloading Hose And Accessories *(23 12 16)*

23 12 16 00-0002 Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings *(23 12 16 00-0001)*

23 12 16 00-0003 Two Braid Hose x 25' *(23 12 16 00-0002)*

23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	198.68	34.09
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	223.66	34.09
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	293.33	34.09

23 12 16 00-0007 Two Braid Hose x 50' *(23 12 16 00-0002)*

23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	396.23	69.03
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	445.10	69.03
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	585.96	69.03

23 12 16 00-0011 Three Braid Hose x 25' *(23 12 16 00-0002)*

23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	423.18	34.09
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	529.52	46.02
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	733.96	57.09
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	918.13	69.03

23 12 16 00-0016 Three Braid Hose x 50' *(23 12 16 00-0002)*

23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	766.12	69.03
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	948.46	91.19
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,265.74	115.05
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,540.69	137.20

23 12 16 00-0021 Tank Car Unloading Hose Assemblies *(23 12 16 00-0001)*

23 12 16 00-0022 Flexible Galvanized Hose Assemblies *(23 12 16 00-0021)*
Note: Each end includes a female coupling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	419.19	80.11
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	501.03	80.11
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	584.88	80.11
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	912.26	80.11

23 12 16 00-0027 Standard Gas Station Pumps *(23 12 16)*

23 12 16 00-0028 Gasoline Pumps *(23 12 16 00-0027)*

Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.

23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,172.32	681.75

23 12 16 00-0030 Gasoline Pumps With Vapor Recovery System *(23 12 16 00-0027)*

Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.

23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	10,435.05	1,022.63

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001 Natural Gas Booster Pump *(23 12 23)*

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	707.45	126.40
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	833.85	141.15
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	928.44	147.48
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,045.40	153.79
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,173.10	158.01

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	7,612.10	561.77
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	8,200.08	561.77
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	11,791.19	702.17
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,366.22	1,371.51
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	25,835.58	1,763.27
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	28,814.02	2,025.17
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	31,366.02	2,677.70
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	32,491.51	2,874.97
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	39,595.22	3,396.42
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	45,848.28	3,917.52
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	58,275.98	4,308.06
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	69,150.60	5,230.68
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	71,506.72	5,551.10
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	88,799.52	8,805.22
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	109,448.39	11,418.21
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	128,748.54	13,064.50
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	164,121.59	14,044.35
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	219,883.57	14,404.49

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,839.65	561.77
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,566.24	702.17
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,635.98	868.79
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,277.48	1,058.23
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,914.73	1,241.13
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,216.00	1,633.06
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,694.07	2,482.25
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,888.20	3,135.48
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,818.63	3,527.42
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,345.84	4,180.64
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,111.06	4,964.52
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	21,070.96	6,205.64
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	26,663.79	8,295.97
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	39,492.35	10,320.96
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	48,322.30	12,411.28
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	69,091.33	17,963.70
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	97,887.64	22,862.89

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0020		Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)* Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,396.83	561.77
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,106.42	702.17
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,521.58	849.19
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,104.31	1,241.22
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,513.69	1,633.06
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,517.93	2,482.25
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,231.02	3,135.48
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	19,891.31	3,527.42
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	21,418.52	4,180.64
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	25,904.52	4,964.52
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	35,522.50	6,205.64
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	44,106.54	8,295.97
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	68,071.53	12,411.28
23 13 13 23-0034		Underground Storage Tank Pump Enclosures *(23 13 13 23)*		
23 13 13 23-0035	EA	Secondary Containment Collar	649.25	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	649.25	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	129.85	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	259.70	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	324.63	
23 13 23		**Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)*		
23 13 23 13		**Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 13-0001		Rectangle Double Wall Steel Fuel Day Tank *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	880.31	109.85
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	944.93	115.34
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,025.49	123.57
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,176.64	131.82
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,310.62	137.31
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,545.51	164.77
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,075.43	192.23
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,623.00	219.69
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,359.69	247.16
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,744.62	274.61
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,287.53	329.54
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,805.22	384.46
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,338.05	439.39
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,920.92	466.84
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,507.58	494.31
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,173.67	521.77
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,756.55	549.23
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,645.67	659.08
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,326.01	714.00
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,241.62	823.85
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank; Tramont TRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,161.00	933.69
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,064.39	109.85
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,130.27	115.34
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,210.83	123.57
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,360.72	131.82
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,494.69	137.31
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,730.85	164.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,278.42	192.23
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,825.99	219.69
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,562.68	247.16
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,947.61	274.61
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,490.52	329.54
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,008.21	384.46
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,541.04	439.39
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,123.91	466.84
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,710.57	494.31
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,377.92	521.77
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,960.80	549.23
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,848.66	659.08
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,529.00	714.00
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,444.61	823.85
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank; Tramont UTRX Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,363.99	933.69
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,761.61	109.85
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,819.94	115.34
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,872.75	123.57
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,073.08	131.82
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,149.05	137.31
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,376.38	164.77
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,859.65	192.23
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,606.43	219.69
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,055.66	247.16
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,295.42	274.61
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,987.10	329.54
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,406.44	384.46
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,974.58	439.39
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,530.98	466.84
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,263.89	494.31
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,570.65	521.77
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,845.88	549.23
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,122.08	659.08
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,353.39	714.00
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,705.24	823.85
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,078.51	933.69
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,593.75	109.85
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,652.07	115.34
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,704.89	123.57
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,905.22	131.82
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,981.19	137.31
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,208.51	164.77
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,691.79	192.23
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,438.57	219.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,943.27	247.16
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,837.57	274.61
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,529.25	329.54
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,949.85	384.46
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,516.73	439.39
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,074.39	466.84
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,806.04	494.31
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,112.80	521.77
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,388.03	549.23
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,664.23	659.08
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,896.80	714.00
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,247.39	823.85
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,620.66	933.69
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,058.99	109.85
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,123.61	115.34
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,177.69	123.57
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,384.32	131.82
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,495.60	137.31
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,702.75	164.77
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,204.94	192.23
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,987.02	219.69
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,452.64	247.16
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,740.31	274.61
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,467.29	329.54
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,847.55	384.46
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,491.33	439.39
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,163.73	466.84
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,839.90	494.31
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,183.22	521.77
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,439.55	549.23
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,772.48	659.08
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,063.05	714.00
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,474.16	823.85
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,904.17	933.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,891.12	109.85
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,955.75	115.34
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,009.82	123.57
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,216.46	131.82
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,327.73	137.31
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,532.37	164.77
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,037.07	192.23
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,819.15	219.69
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,284.77	247.16
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,282.45	274.61
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,009.44	329.54
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,515.78	384.46
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,033.48	439.39
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,705.88	466.84
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,382.05	494.31
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,725.37	521.77
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,982.96	549.23
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,314.63	659.08
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,605.20	714.00
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,016.30	823.85
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,446.32	933.69
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	872.09	109.85
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	944.48	115.34
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,024.78	123.57
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,169.99	131.82
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	1,550.27	137.31
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	1,596.04	164.77
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,004.62	192.23
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	2,478.11	219.69
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	3,249.50	247.16
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	4,077.48	274.61
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	4,894.64	329.54
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	5,264.10	384.46
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	5,635.25	439.39
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	6,185.29	466.84
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	6,737.00	494.31
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	7,217.16	521.77
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	7,702.28	549.23
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	8,720.81	659.08
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	9,677.77	714.00
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	10,752.90	823.85
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	11,791.41	933.69
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	919.52	115.34
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,000.00	123.57
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,084.00	131.82
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,231.93	137.31
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	1,669.45	164.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	1,715.22	192.23
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,143.96	219.69
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	2,641.21	247.16
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	3,452.91	274.61
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	4,324.34	302.08
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	5,181.81	357.00
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	5,566.73	411.92
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	5,953.40	466.84
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	6,531.46	494.31
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	7,111.28	521.77
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	7,615.57	549.23
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	8,170.86	604.15
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	9,235.82	714.00
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	10,332.40	823.85
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	11,457.07	933.69
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	12,543.11	1,043.54
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,003.56	109.85
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,092.60	115.34
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,182.89	123.57
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,361.38	131.82
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	1,813.22	137.31
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	1,858.99	164.77
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	2,327.49	192.23
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	2,879.20	219.69
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	3,786.60	247.16
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	4,803.10	274.61
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	5,768.38	329.54
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	6,189.43	384.46
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	6,613.84	439.39
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	7,268.73	466.84
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	7,925.29	494.31
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	8,483.65	521.77
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	9,055.33	549.23
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	10,248.61	659.08
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	11,381.98	714.00
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	12,631.86	823.85
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	13,845.11	933.69
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,058.30	115.34
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,156.35	123.57
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,250.89	131.82
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,433.96	137.31
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	1,947.02	164.77
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	1,992.79	192.23
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	2,484.76	219.69
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,064.58	247.16
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	4,019.86	274.61
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	5,090.28	302.08
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	6,104.09	357.00
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	6,543.47	411.92
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	6,986.36	466.84
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	7,675.09	494.31
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	8,365.58	521.77
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	8,952.42	549.23
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	9,599.08	604.15
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	10,848.49	714.00
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	12,131.29	823.85
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	13,440.42	933.69
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	14,710.91	1,043.54

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	2,567.13	597.02
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,088.93	722.69
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,152.26	975.55
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,345.31	1,219.44
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,508.07	1,605.10
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,393.20	1,652.31
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	13,459.55	2,042.86
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	18,229.05	2,340.73
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	21,597.30	2,553.50
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	24,985.57	2,808.87
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	27,665.49	3,120.93
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	34,619.28	4,012.63
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	46,853.40	4,681.45

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,959.17	744.94
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,761.02	901.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,401.05	1,219.44
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,260.83	1,524.30
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,947.41	2,006.36
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	14,750.83	2,065.32
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	21,316.00	2,544.27
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	29,139.35	2,925.93
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	34,653.71	3,191.92
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	40,176.37	3,511.05
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	44,479.22	3,901.24
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	55,595.64	5,015.82
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	75,686.50	5,851.76

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	3,058.65	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	3,697.66	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	8,022.57	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	8,797.96	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	12,476.64	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	13,977.29	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	18,438.56	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	21,648.11	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	24,584.78	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	29,941.14	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	38,313.33	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	17,173.95	1,214.91
		For Low Profile Tanks, Add	*6,191.49*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	21,577.12	1,371.51
		For Low Profile Tanks, Add	*7,865.35*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	38,017.30	1,633.06
		For Low Profile Tanks, Add	*14,295.44*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	60,571.14	3,591.95
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	69,126.70	3,923.01
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	77,752.71	4,236.55
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	86,359.87	4,597.22
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	94,961.23	4,893.53

23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

23 13 33 00-0001 EPA Requirements *(23 13 33)*

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	395.61	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	515.14	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	1,574.10	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	1,481.05	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	86.91	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	204.26	
23 13 33 00-0008	EA	Manhole Spill Containment	779.14	213.04
23 13 33 00-0009	EA	Fill Adapter, 4"	212.39	142.06
23 13 33 00-0010	EA	Fill Cap, 4"	139.07	53.27
23 13 33 00-0011	EA	Vent Cap, 2"	87.54	35.54
23 13 33 00-0012	EA	4" X 2" Extractor Fitting	220.32	53.27
23 13 33 00-0013	EA	Float Vent Valve	263.91	106.52
23 13 33 00-0014	EA	Vapor Hose Adapter	233.71	70.98
23 13 33 00-0015	EA	Dust Cap	110.02	38.78
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	235.42	60.84
23 13 33 00-0017	EA	10' Wood Gage Stick	19.44	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	73.27	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	93.35	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	54.23	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	70.40	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	105.40	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	364.86	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,060.14	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	1,249.68	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	1,364.48	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	1,497.61	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	2,111.76	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	2,596.02	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	2,875.80	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	3,519.37	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	4,156.63	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	4,653.16	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	5,367.87	
23 13 33 00-0035		Tank Bulkhead Fittings *(23 13 33)*		
23 13 33 00-0036		Tank Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0037		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	29.37	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	32.74	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	35.96	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	42.40	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	44.23	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	55.69	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	82.97	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	137.31	
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	33.00	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	36.36	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	39.73	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	48.26	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	51.62	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	62.38	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	91.90	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	149.99	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	33.83	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	38.74	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	43.50	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	55.25	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	69.90	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	104.03	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	157.53	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	38.44	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	44.88	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	54.23	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	64.99	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	66.82	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	92.07	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	157.57	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	273.25	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	35.39	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	44.15	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	45.98	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	47.81	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	63.49	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	78.55	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	124.45	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	142.21	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	173.79	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	199.75	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	229.84	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	288.24	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	373.37	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	412.21	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	129.54	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	130.44	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	187.94	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	192.39	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	256.54	

23 20 HVAC Piping And Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping And Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	13.97	3.37
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.17*	
		For Work In Restricted Working Space, Add	*3.48*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	14.88	3.62
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.42*	
		For Work In Restricted Working Space, Add	*3.64*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.93	3.96
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.69*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.33	4.13
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.39*	
		For Work In Restricted Working Space, Add	*4.14*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.95	4.88
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.58*	
		For Work In Restricted Working Space, Add	*4.20*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.85	5.90
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.34*	
		For Work In Restricted Working Space, Add	*4.73*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.46	6.99
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.47*	
		For Work In Restricted Working Space, Add	*5.87*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	36.90	9.35
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.45*	
		For Work In Restricted Working Space, Add	*7.19*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	46.24	10.60
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*12.56*	
		For Work In Restricted Working Space, Add	*7.66*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	66.26	13.55
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*18.99*	
		For Work In Restricted Working Space, Add	*9.12*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	78.15	16.02
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*22.62*	
		For Work In Restricted Working Space, Add	*10.34*	

23 21 13 23-0014 Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)*

Note: ASTM A-53. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

23 21 13 23-0015 Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)*

Note: ASTM A-53. Includes coupling.

23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	4.89	2.10
		For Schedule 80 Pipe, Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.16	3.37
		For Schedule 80 Pipe, Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.53*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.80	3.62
		For Schedule 80 Pipe, Add	*1.16*	
		For Work In Restricted Working Space, Add	*1.63*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.72	3.96
		For Schedule 80 Pipe, Add	*1.41*	
		For Work In Restricted Working Space, Add	*1.77*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.69	4.13
		For Schedule 80 Pipe, Add	*1.73*	
		For Work In Restricted Working Space, Add	*1.87*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.26	4.88
		For Schedule 80 Pipe, Add	*2.05*	
		For Work In Restricted Working Space, Add	*2.20*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.70	5.90
		For Schedule 80 Pipe, Add	*2.61*	
		For Work In Restricted Working Space, Add	*2.66*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	16.59	6.99
		For Schedule 80 Pipe, Add	*3.78*	
		For Work In Restricted Working Space, Add	*3.16*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	21.97	9.35
		For Schedule 80 Pipe, Add	*4.97*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	27.80	10.60
		For Schedule 80 Pipe, Add	*6.93*	
		For Work In Restricted Working Space, Add	*4.79*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	36.04	13.55
		For Schedule 80 Pipe, Add	*9.12*	
		For Work In Restricted Working Space, Add	*6.09*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	44.78	16.02
		For Schedule 80 Pipe, Add	*11.75*	
		For Work In Restricted Working Space, Add	*7.20*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	59.80	19.37
		For Schedule 80 Pipe, Add	*16.77*	
		For Work In Restricted Working Space, Add	*8.69*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	79.05	23.59
		For Schedule 80 Pipe, Add	*23.17*	
		For Work In Restricted Working Space, Add	*10.63*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	105.14	31.01
		For Schedule 80 Pipe, Add	*31.04*	
		For Work In Restricted Working Space, Add	*13.95*	

23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	20.54	9.35
		For 300 LB Rating, Add	*5.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	23.72	15.00
		For 300 LB Rating, Add	*4.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	26.66	16.76
		For 300 LB Rating, Add	*5.16*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*7.54*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	30.73	18.70
		For 300 LB Rating, Add	*8.04*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	36.14	21.23
		For 300 LB Rating, Add	*12.37*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	41.58	23.92
		For 300 LB Rating, Add	*15.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	55.43	30.41
		For 300 LB Rating, Add	*26.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	89.44	44.98
		For 300 LB Rating, Add	*56.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	120.94	59.13
		For 300 LB Rating, Add	*82.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.52*	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	162.32	62.01
		For 300 LB Rating, Add	*171.97*	
		For Standard Weight Cast Iron Fittings, Add	*1.11*	
		For Work In Restricted Working Space, Add	*27.90*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	299.62	64.72
		For 300 LB Rating, Add	*492.01*	
		For Standard Weight Cast Iron Fittings, Add	*3.24*	
		For Work In Restricted Working Space, Add	*29.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	335.45	67.67
		For 300 LB Rating, Add	*567.69*	
		For Standard Weight Cast Iron Fittings, Add	*3.74*	
		For Work In Restricted Working Space, Add	*30.44*	
23 21 13 23-0044		Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*		
23 21 13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	22.98	13.73
		For 300 LB Rating, Add	*6.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*6.17*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	26.28	15.83
		For 300 LB Rating, Add	*7.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*7.14*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	25.39	14.65
		For 300 LB Rating, Add	*9.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*6.58*	
23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	29.79	17.77
		For 300 LB Rating, Add	*9.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.98*	
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	28.70	16.85
		For 300 LB Rating, Add	*9.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.58*	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	30.15	15.58
		For 300 LB Rating, Add	*17.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.02*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	35.26	19.96
		For 300 LB Rating, Add	*14.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.98*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	34.42	18.95
		For 300 LB Rating, Add	*16.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	34.09	18.11
		For 300 LB Rating, Add	*18.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*8.14*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	41.35	22.57
		For 300 LB Rating, Add	*20.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.49	21.31
		For 300 LB Rating, Add	*20.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.13	20.30
		For 300 LB Rating, Add	*22.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*9.15*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	51.60	27.12
		For 300 LB Rating, Add	*28.65*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	51.06	25.78
		For 300 LB Rating, Add	*32.10*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*11.60*	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	49.21	24.51
		For 300 LB Rating, Add	*31.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	48.50	23.58
		For 300 LB Rating, Add	*33.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	86.44	37.65
		For 300 LB Rating, Add	*75.34*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*16.94*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	83.35	34.45
		For 300 LB Rating, Add	*79.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
		For Work In Restricted Working Space, Add	*15.48*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	134.13	52.05
		For 300 LB Rating, Add	*139.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.90*	
		For Work In Restricted Working Space, Add	*23.41*	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	115.57	44.73
		For 300 LB Rating, Add	*120.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.78*	
		For Work In Restricted Working Space, Add	*20.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	184.35	58.98
		For 300 LB Rating, Add	*235.44*	
		For Standard Weight Cast Iron Fittings, Add	*1.53*	
		For Work In Restricted Working Space, Add	*26.54*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	21.47	9.35
		For 300 LB Rating, Add	*7.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	24.55	15.00
		For 300 LB Rating, Add	*6.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	27.72	16.76
		For 300 LB Rating, Add	*7.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*7.54*	
23 21 13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	31.33	18.70
		For 300 LB Rating, Add	*9.48*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	37.53	21.23
		For 300 LB Rating, Add	*15.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	42.95	23.92
		For 300 LB Rating, Add	*19.21*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	56.28	30.41
		For 300 LB Rating, Add	*28.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	98.48	44.98
		For 300 LB Rating, Add	*78.68*	
		For Standard Weight Cast Iron Fittings, Add	*0.50*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow	129.06	59.13
		For 300 LB Rating, Add	*102.28*	
		For Standard Weight Cast Iron Fittings, Add	*0.65*	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	172.21	62.01
		For 300 LB Rating, Add	*195.71*	
		For Standard Weight Cast Iron Fittings, Add	*1.27*	
		For Work In Restricted Working Space, Add	*27.90*	
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	409.95	64.72
		For 300 LB Rating, Add	*756.81*	
		For Standard Weight Cast Iron Fittings, Add	*5.01*	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	421.60	67.67
		For 300 LB Rating, Add	*774.45*	
		For Standard Weight Cast Iron Fittings, Add	*5.12*	
		For Work In Restricted Working Space, Add	*30.44*	

23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee	26.05	11.71
		For 300 LB Rating, Add	*7.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*7.02*	
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	29.77	18.70
		For 300 LB Rating, Add	*5.74*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	34.82	21.65
		For 300 LB Rating, Add	*7.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*9.72*	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	42.44	25.52
		For 300 LB Rating, Add	*12.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	52.25	30.41
		For 300 LB Rating, Add	*18.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	62.70	36.22
		For 300 LB Rating, Add	*23.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	81.63	44.98
		For 300 LB Rating, Add	*38.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.23*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	119.37	59.13
		For 300 LB Rating, Add	*79.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.49*	
		For Work In Restricted Working Space, Add	*26.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	150.53	70.25
		For 300 LB Rating, Add	*114.89*	
		For Standard Weight Cast Iron Fittings, Add	*0.72*	
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	226.81	78.35
		For 300 LB Rating, Add	*269.46*	
		For Standard Weight Cast Iron Fittings, Add	*1.75*	
		For Work In Restricted Working Space, Add	*35.24*	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	470.84	93.02
		For 300 LB Rating, Add	*803.61*	
		For Standard Weight Cast Iron Fittings, Add	*5.30*	
		For Work In Restricted Working Space, Add	*41.85*	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	515.01	106.34
		For 300 LB Rating, Add	*863.00*	
		For Standard Weight Cast Iron Fittings, Add	*5.69*	
		For Work In Restricted Working Space, Add	*47.82*	

23 21 13 23-0092 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	30.95	18.70
		For 300 LB Rating, Add	*8.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	36.15	21.65
		For 300 LB Rating, Add	*10.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*9.72*	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	43.02	25.52
		For 300 LB Rating, Add	*13.65*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	54.83	30.41
		For 300 LB Rating, Add	*25.05*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	64.64	36.22
		For 300 LB Rating, Add	*27.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	82.33	44.98
		For 300 LB Rating, Add	*39.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	135.25	59.13
		For 300 LB Rating, Add	*117.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.75*	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	158.65	70.25
		For 300 LB Rating, Add	*134.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.85*	
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	246.88	78.35
		For 300 LB Rating, Add	*317.63*	
		For Standard Weight Cast Iron Fittings, Add	*2.07*	
		For Work In Restricted Working Space, Add	*35.24*	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	439.66	93.02
		For 300 LB Rating, Add	*728.78*	
		For Standard Weight Cast Iron Fittings, Add	*4.80*	
		For Work In Restricted Working Space, Add	*41.85*	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee	499.87	106.34
		For 300 LB Rating, Add	*826.67*	
		For Standard Weight Cast Iron Fittings, Add	*5.45*	
		For Work In Restricted Working Space, Add	*47.82*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling	20.99	9.35
		For 300 LB Rating, Add	*6.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling	24.21	15.00
		For 300 LB Rating, Add	*5.55*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling	27.18	16.76
		For 300 LB Rating, Add	*6.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*7.54*	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling	31.14	18.70
		For 300 LB Rating, Add	*9.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	35.75	21.23
		For 300 LB Rating, Add	*11.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	41.20	23.92
		For 300 LB Rating, Add	*15.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling	53.47	30.41
		For 300 LB Rating, Add	*21.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	89.29	44.98
		For 300 LB Rating, Add	*56.63*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling	118.29	59.13
		For 300 LB Rating, Add	*76.43*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling	152.66	62.01
		For 300 LB Rating, Add	*148.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.95*	
		For Work In Restricted Working Space, Add	*27.90*	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling	265.06	64.72
		For 300 LB Rating, Add	*409.07*	
		For Standard Weight Cast Iron Fittings, Add	*2.69*	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling	292.87	67.67
		For 300 LB Rating, Add	*465.50*	
		For Standard Weight Cast Iron Fittings, Add	*3.06*	
		For Work In Restricted Working Space, Add	*30.44*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	24.63	15.00
		For 300 LB Rating, Add	*6.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	27.44	16.76
		For 300 LB Rating, Add	*7.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*7.54*	
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	31.65	18.70
		For 300 LB Rating, Add	*10.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	36.38	21.23
		For 300 LB Rating, Add	*12.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	41.65	23.92
		For 300 LB Rating, Add	*16.09*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	53.95	30.41
		For 300 LB Rating, Add	*22.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	92.25	44.98
		For 300 LB Rating, Add	*63.73*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	118.90	59.13
		For 300 LB Rating, Add	*77.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	153.59	62.01
		For 300 LB Rating, Add	*151.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.97*	
		For Work In Restricted Working Space, Add	*27.90*	
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	233.25	64.72
		For 300 LB Rating, Add	*332.73*	
		For Standard Weight Cast Iron Fittings, Add	*2.18*	
		For Work In Restricted Working Space, Add	*29.11*	
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	276.40	67.67
		For 300 LB Rating, Add	*425.97*	
		For Standard Weight Cast Iron Fittings, Add	*2.80*	
		For Work In Restricted Working Space, Add	*30.44*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap	11.81	6.99
		For 300 LB Rating, Add	*3.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.02*	
		For Work In Restricted Working Space, Add	*3.16*	
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap	12.96	7.50
		For 300 LB Rating, Add	*4.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap	15.05	8.68
		For 300 LB Rating, Add	*5.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.03*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap	16.79	9.35
		For 300 LB Rating, Add	*7.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.04*	
		For Work In Restricted Working Space, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap	17.83	9.35
		For 300 LB Rating, Add	*9.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap	23.65	12.05
		For 300 LB Rating, Add	*14.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap	35.14	15.00
		For 300 LB Rating, Add	*31.78*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap	45.88	18.11
		For 300 LB Rating, Add	*46.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.30*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap	63.96	21.29
		For 300 LB Rating, Add	*78.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.51*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap	116.30	26.62
		For 300 LB Rating, Add	*185.87*	
		For Standard Weight Cast Iron Fittings, Add	*1.22*	
		For Work In Restricted Working Space, Add	*11.96*	
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap	187.63	31.64
		For 300 LB Rating, Add	*339.19*	
		For Standard Weight Cast Iron Fittings, Add	*2.24*	
		For Work In Restricted Working Space, Add	*14.25*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union	24.84	9.35
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union	33.62	18.70
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union	38.77	21.65
		For Work In Restricted Working Space, Add	*9.72*	
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union	46.60	25.52
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union	57.44	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union	69.19	36.22
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union	84.65	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union	150.92	66.29
		For Work In Restricted Working Space, Add	*29.84*	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union	192.82	87.18
		For Work In Restricted Working Space, Add	*39.26*	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union	26.81	9.35
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union	37.36	18.70
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union	41.53	21.65
		For Work In Restricted Working Space, Add	*9.72*	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union	49.50	25.52
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union	64.32	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union	76.00	36.22
		For Work In Restricted Working Space, Add	*16.31*	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union	95.15	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union	186.54	66.29
		For Work In Restricted Working Space, Add	*29.84*	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union	232.76	87.18
		For Work In Restricted Working Space, Add	*39.26*	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union	317.86	91.51
		For Work In Restricted Working Space, Add	*41.18*	
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union	31.85	9.35
		For Work In Restricted Working Space, Add	*5.62*	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union	38.70	18.70
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union	44.17	21.65
		For Work In Restricted Working Space, Add	*9.72*	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union	53.65	25.52
		For Work In Restricted Working Space, Add	*11.49*	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union	70.58	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union	80.59	36.22
		For Work In Restricted Working Space, Add	*16.31*	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union	99.88	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union	204.27	66.29
		For Work In Restricted Working Space, Add	*29.84*	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union	266.45	87.18
		For Work In Restricted Working Space, Add	*39.26*	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union	567.54	91.51
		For Work In Restricted Working Space, Add	*41.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0171		**Black Steel Nipples** *(23 21 13 23-0014)*		
23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	12.86	8.00
		For Schedule 80 Nipples, Add	*0.41*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	12.74	8.00
		For Schedule 80 Nipples, Add	*0.35*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	12.84	8.00
		For Schedule 80 Nipples, Add	*0.40*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	14.12	8.68
		For Schedule 80 Nipples, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	15.51	9.35
		For Schedule 80 Nipples, Add	*0.74*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	15.87	9.35
		For Schedule 80 Nipples, Add	*0.92*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	20.61	12.05
		For Schedule 80 Nipples, Add	*1.25*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	30.26	15.00
		For Schedule 80 Nipples, Add	*3.90*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	36.44	18.11
		For Schedule 80 Nipples, Add	*4.64*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	45.83	21.29
		For Schedule 80 Nipples, Add	*6.98*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	12.98	8.00
		For Schedule 80 Nipples, Add	*0.47*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	12.74	8.00
		For Schedule 80 Nipples, Add	*0.35*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	12.90	8.00
		For Schedule 80 Nipples, Add	*0.43*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	12.98	8.00
		For Schedule 80 Nipples, Add	*0.47*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	12.74	8.00
		For Schedule 80 Nipples, Add	*0.35*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	12.90	8.00
		For Schedule 80 Nipples, Add	*0.43*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	14.23	8.68
		For Schedule 80 Nipples, Add	*0.64*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	15.71	9.35
		For Schedule 80 Nipples, Add	*0.84*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	16.02	9.35
		For Schedule 80 Nipples, Add	*0.99*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	13.24	8.00
		For Schedule 80 Nipples, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	12.86	8.00
		For Schedule 80 Nipples, Add	*0.41*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	13.01	8.00
		For Schedule 80 Nipples, Add	*0.49*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	14.31	8.68
		For Schedule 80 Nipples, Add	*0.68*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	15.81	9.35
		For Schedule 80 Nipples, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	16.25	9.35
		For Schedule 80 Nipples, Add	*1.11*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.98	12.05
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	13.24	8.00
		For Schedule 80 Nipples, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	12.86	8.00
		For Schedule 80 Nipples, Add	*0.41*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	13.01	8.00
		For Schedule 80 Nipples, Add	*0.49*	
		For Work In Restricted Working Space, Add	*3.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	14.31	8.68
		For Schedule 80 Nipples, Add	*0.68*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	15.81	9.35
		For Schedule 80 Nipples, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	16.25	9.35
		For Schedule 80 Nipples, Add	*1.11*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	20.98	12.05
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	30.46	15.00
		For Schedule 80 Nipples, Add	*4.00*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	37.24	18.11
		For Schedule 80 Nipples, Add	*5.04*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	13.46	8.00
		For Schedule 80 Nipples, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	13.03	8.00
		For Schedule 80 Nipples, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	13.24	8.00
		For Schedule 80 Nipples, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	14.63	8.68
		For Schedule 80 Nipples, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	16.14	9.35
		For Schedule 80 Nipples, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	16.51	9.35
		For Schedule 80 Nipples, Add	*1.24*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.58	12.05
		For Schedule 80 Nipples, Add	*1.73*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	31.87	15.00
		For Schedule 80 Nipples, Add	*4.71*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	39.10	18.11
		For Schedule 80 Nipples, Add	*5.97*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	13.46	8.00
		For Schedule 80 Nipples, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	13.03	8.00
		For Schedule 80 Nipples, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	13.24	8.00
		For Schedule 80 Nipples, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	14.63	8.68
		For Schedule 80 Nipples, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	16.14	9.35
		For Schedule 80 Nipples, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	16.51	9.35
		For Schedule 80 Nipples, Add	*1.24*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	21.58	12.05
		For Schedule 80 Nipples, Add	*1.73*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	31.87	15.00
		For Schedule 80 Nipples, Add	*4.71*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	39.10	18.11
		For Schedule 80 Nipples, Add	*5.97*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	48.02	21.29
		For Schedule 80 Nipples, Add	*8.07*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	14.08	8.00
		For Schedule 80 Nipples, Add	*1.02*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	13.20	8.00
		For Schedule 80 Nipples, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	13.55	8.00
		For Schedule 80 Nipples, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	14.94	8.68
		For Schedule 80 Nipples, Add	*0.99*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	16.55	9.35
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	17.06	9.35
		For Schedule 80 Nipples, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	22.10	12.05
		For Schedule 80 Nipples, Add	*1.99*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	32.80	15.00
		For Schedule 80 Nipples, Add	*5.17*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	40.33	18.11
		For Schedule 80 Nipples, Add	*6.58*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	50.33	21.29
		For Schedule 80 Nipples, Add	*9.23*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	14.08	8.00
		For Schedule 80 Nipples, Add	*1.02*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	13.20	8.00
		For Schedule 80 Nipples, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	13.55	8.00
		For Schedule 80 Nipples, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	14.94	8.68
		For Schedule 80 Nipples, Add	*0.99*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	16.55	9.35
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	17.06	9.35
		For Schedule 80 Nipples, Add	*1.51*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	22.10	12.05
		For Schedule 80 Nipples, Add	*1.99*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	32.80	15.00
		For Schedule 80 Nipples, Add	*5.17*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	40.33	18.11
		For Schedule 80 Nipples, Add	*6.58*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	50.33	21.29
		For Schedule 80 Nipples, Add	*9.23*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	14.32	8.00
		For Schedule 80 Nipples, Add	*1.14*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	13.34	8.00
		For Schedule 80 Nipples, Add	*0.65*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	13.76	8.00
		For Schedule 80 Nipples, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	15.30	8.68
		For Schedule 80 Nipples, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	17.01	9.35
		For Schedule 80 Nipples, Add	*1.49*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	17.51	9.35
		For Schedule 80 Nipples, Add	*1.74*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	22.79	12.05
		For Schedule 80 Nipples, Add	*2.34*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	33.24	15.00
		For Schedule 80 Nipples, Add	*5.39*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	41.47	18.11
		For Schedule 80 Nipples, Add	*7.15*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	51.60	21.29
		For Schedule 80 Nipples, Add	*9.86*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	16.03	8.00
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	14.38	8.00
		For Schedule 80 Nipples, Add	*1.17*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	14.90	8.00
		For Schedule 80 Nipples, Add	*1.43*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	16.78	8.68
		For Schedule 80 Nipples, Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	18.84	9.35
		For Schedule 80 Nipples, Add	*2.40*	
		For Work In Restricted Working Space, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	19.54	9.35
		For Schedule 80 Nipples, Add	*2.75*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	25.95	12.05
		For Schedule 80 Nipples, Add	*3.92*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	36.17	15.00
		For Schedule 80 Nipples, Add	*6.86*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	46.46	18.11
		For Schedule 80 Nipples, Add	*9.65*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	54.64	21.29
		For Schedule 80 Nipples, Add	*11.38*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	16.52	8.00
		For Schedule 80 Nipples, Add	*2.24*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	14.85	8.00
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	15.36	8.00
		For Schedule 80 Nipples, Add	*1.66*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	17.43	8.68
		For Schedule 80 Nipples, Add	*2.24*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	19.79	9.35
		For Schedule 80 Nipples, Add	*2.88*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	20.48	9.35
		For Schedule 80 Nipples, Add	*3.22*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	27.33	12.05
		For Schedule 80 Nipples, Add	*4.61*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	37.87	15.00
		For Schedule 80 Nipples, Add	*7.71*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	48.84	18.11
		For Schedule 80 Nipples, Add	*10.84*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	57.80	21.29
		For Schedule 80 Nipples, Add	*12.96*	
		For Work In Restricted Working Space, Add	*9.56*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	17.14	8.00
		For Schedule 80 Nipples, Add	*2.55*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	15.37	8.00
		For Schedule 80 Nipples, Add	*1.67*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	15.73	8.00
		For Schedule 80 Nipples, Add	*1.85*	
		For Work In Restricted Working Space, Add	*3.61*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	18.09	8.68
		For Schedule 80 Nipples, Add	*2.57*	
		For Work In Restricted Working Space, Add	*3.89*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	20.57	9.35
		For Schedule 80 Nipples, Add	*3.27*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	21.46	9.35
		For Schedule 80 Nipples, Add	*3.71*	
		For Work In Restricted Working Space, Add	*4.21*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	28.72	12.05
		For Schedule 80 Nipples, Add	*5.30*	
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	39.60	15.00
		For Schedule 80 Nipples, Add	*8.57*	
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	51.21	18.11
		For Schedule 80 Nipples, Add	*12.02*	
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	62.26	21.29
		For Schedule 80 Nipples, Add	*15.19*	
		For Work In Restricted Working Space, Add	*9.56*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	22.52	13.73
		For Work In Restricted Working Space, Add	*6.17*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing	24.92	14.74
		For Work In Restricted Working Space, Add	*6.64*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing	26.60	15.83
		For Work In Restricted Working Space, Add	*7.14*	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing	27.44	15.75
		For Work In Restricted Working Space, Add	*7.07*	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing	28.15	16.85
		For Work In Restricted Working Space, Add	*7.58*	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing	29.49	17.77
		For Work In Restricted Working Space, Add	*7.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing	29.76	16.93
		For Work In Restricted Working Space, Add	*7.63*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing	31.25	18.11
		For Work In Restricted Working Space, Add	*8.14*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing	32.18	18.95
		For Work In Restricted Working Space, Add	*8.54*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing	33.64	19.96
		For Work In Restricted Working Space, Add	*8.98*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	33.18	18.36
		For Work In Restricted Working Space, Add	*8.24*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing	33.85	19.45
		For Work In Restricted Working Space, Add	*8.75*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	35.20	20.30
		For Work In Restricted Working Space, Add	*9.15*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing	36.08	21.31
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	38.53	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing	40.37	21.56
		For Work In Restricted Working Space, Add	*9.69*	
23 21 13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing	41.10	22.66
		For Work In Restricted Working Space, Add	*10.20*	
23 21 13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing	41.35	23.58
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing	42.43	24.51
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	44.28	25.78
		For Work In Restricted Working Space, Add	*11.60*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	46.95	27.12
		For Work In Restricted Working Space, Add	*12.20*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	56.50	30.83
		For Work In Restricted Working Space, Add	*13.88*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing	57.97	31.83
		For Work In Restricted Working Space, Add	*14.32*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	59.82	33.02
		For Work In Restricted Working Space, Add	*14.88*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	61.14	34.45
		For Work In Restricted Working Space, Add	*15.48*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing	65.92	37.65
		For Work In Restricted Working Space, Add	*16.94*	
23 21 13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing	71.06	37.90
		For Work In Restricted Working Space, Add	*17.07*	
23 21 13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing	72.52	38.91
		For Work In Restricted Working Space, Add	*17.51*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing	74.38	40.18
		For Work In Restricted Working Space, Add	*18.07*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing	76.13	41.53
		For Work In Restricted Working Space, Add	*18.68*	
23 21 13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing	80.07	44.73
		For Work In Restricted Working Space, Add	*20.13*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing	91.18	52.05
		For Work In Restricted Working Space, Add	*23.41*	
23 21 13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing	85.54	38.89
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing	86.93	39.85
		For Work In Restricted Working Space, Add	*17.94*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing	88.68	41.05
		For Work In Restricted Working Space, Add	*18.46*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing	90.59	42.33
		For Work In Restricted Working Space, Add	*19.04*	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing	93.73	45.35
		For Work In Restricted Working Space, Add	*20.41*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing	104.07	52.29
		For Work In Restricted Working Space, Add	*23.51*	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing	114.15	58.98
		For Work In Restricted Working Space, Add	*26.54*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug	8.97	4.97
		For Work In Restricted Working Space, Add	*2.25*	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	10.57	5.98
		For Work In Restricted Working Space, Add	*2.70*	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	11.63	6.74
		For Work In Restricted Working Space, Add	*3.02*	
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug	13.22	7.50
		For Work In Restricted Working Space, Add	*3.37*	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	15.21	8.50
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	17.82	9.52
		For Work In Restricted Working Space, Add	*4.30*	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug	23.17	12.13
		For Work In Restricted Working Space, Add	*5.46*	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	35.99	17.95
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug	47.88	23.67
		For Work In Restricted Working Space, Add	*10.64*	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug	63.22	24.79
		For Work In Restricted Working Space, Add	*11.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug	94.70	25.91
		For Work In Restricted Working Space, Add	*11.64*	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug	109.81	27.02
		For Work In Restricted Working Space, Add	*12.17*	

23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange	78.86	33.70
		For Work In Restricted Working Space, Add	*15.16*	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange	75.13	38.07
		For Work In Restricted Working Space, Add	*17.13*	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange	80.66	39.42
		For Work In Restricted Working Space, Add	*17.73*	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange	84.21	42.88
		For Work In Restricted Working Space, Add	*19.29*	
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange	86.99	44.73
		For Work In Restricted Working Space, Add	*20.13*	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange	100.88	51.80
		For Work In Restricted Working Space, Add	*23.29*	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange	128.47	65.70
		For Work In Restricted Working Space, Add	*29.55*	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange	167.91	85.05
		For Work In Restricted Working Space, Add	*38.26*	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange	208.87	101.31
		For Work In Restricted Working Space, Add	*45.55*	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange	238.90	116.30
		For Work In Restricted Working Space, Add	*52.31*	

23 21 13 23-0350 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange	52.42	30.75
		For Work In Restricted Working Space, Add	*13.85*	
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange	57.28	33.70
		For Work In Restricted Working Space, Add	*15.16*	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange	65.88	38.07
		For Work In Restricted Working Space, Add	*17.13*	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange	68.48	39.42
		For Work In Restricted Working Space, Add	*17.73*	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange	74.52	42.88
		For Work In Restricted Working Space, Add	*19.29*	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange	80.45	44.73
		For Work In Restricted Working Space, Add	*20.13*	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange	98.55	51.80
		For Work In Restricted Working Space, Add	*23.29*	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange	124.94	65.70
		For Work In Restricted Working Space, Add	*29.55*	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange	172.43	85.05
		For Work In Restricted Working Space, Add	*38.25*	

23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	27.45	
		For Work In Restricted Working Space, Add	*8.24*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	30.20	
		For Work In Restricted Working Space, Add	*9.06*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	32.94	
		For Work In Restricted Working Space, Add	*9.88*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	35.68	
		For Work In Restricted Working Space, Add	*10.70*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	37.51	
		For Work In Restricted Working Space, Add	*11.25*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	39.35	
		For Work In Restricted Working Space, Add	*11.81*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	41.18	
		For Work In Restricted Working Space, Add	*12.35*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	43.01	
		For Work In Restricted Working Space, Add	*12.90*	
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	44.84	
		For Work In Restricted Working Space, Add	*13.45*	
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	48.50	
		For Work In Restricted Working Space, Add	*14.55*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	52.15	
		For Work In Restricted Working Space, Add	*15.65*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	56.73	
		For Work In Restricted Working Space, Add	*17.02*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	60.39	
		For Work In Restricted Working Space, Add	*18.12*	

23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*

Note: ASTM A-53. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.87	6.40
		For Work In Restricted Working Space, Add	*4.68*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.96	6.83
		For Work In Restricted Working Space, Add	*5.24*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.91	7.24
		For Work In Restricted Working Space, Add	*6.01*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	26.40	7.24
		For Work In Restricted Working Space, Add	*6.29*	
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.21	7.24
		For Work In Restricted Working Space, Add	*7.27*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	35.01	7.24
		For Work In Restricted Working Space, Add	*8.43*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	39.63	7.08
		For Work In Restricted Working Space, Add	*8.90*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	50.72	8.71
		For Work In Restricted Working Space, Add	*10.81*	
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	65.91	12.99
		For Work In Restricted Working Space, Add	*12.45*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	99.44	16.13
		For Work In Restricted Working Space, Add	*18.47*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	129.69	20.17
		For Work In Restricted Working Space, Add	*22.02*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	159.82	24.36
		For Work In Restricted Working Space, Add	*25.45*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	178.16	31.78
		For Work In Restricted Working Space, Add	*28.39*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	206.39	40.32
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	253.80	49.93
		For Work In Restricted Working Space, Add	*34.81*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	321.21	61.70
		For Work In Restricted Working Space, Add	*39.85*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	392.93	69.93
		For Work In Restricted Working Space, Add	*43.81*	

23 21 13 23-0393 Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)*

Note: ASTM A-53. Excludes hangers or fittings.

23 21 13 23-0394 Welded Plain End Black Steel Piping *(23 21 13 23-0393)*

Note: ASTM A-53

23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	7.96	3.41
		For Schedule 80 Pipe, Add	*1.25*	
		For Schedule A-106 Pipe, Add	*0.14*	
		For Work In Restricted Working Space, Add	*2.05*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	10.03	4.26
		For Schedule 80 Pipe, Add	*1.58*	
		For Schedule A-106 Pipe, Add	*0.18*	
		For Work In Restricted Working Space, Add	*2.56*	
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	12.44	5.11
		For Schedule 80 Pipe, Add	*1.98*	
		For Schedule A-106 Pipe, Add	*0.27*	
		For Work In Restricted Working Space, Add	*3.07*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	14.87	5.97
		For Schedule 80 Pipe, Add	*2.38*	
		For Schedule A-106 Pipe, Add	*0.35*	
		For Work In Restricted Working Space, Add	*3.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	17.66	7.08
		For Schedule 80 Pipe, Add	*2.82*	
		For Schedule A-106 Pipe, Add	*0.42*	
		For Work In Restricted Working Space, Add	*4.25*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	20.12	8.02
		For Schedule 80 Pipe, Add	*4.24*	
		For Schedule A-106 Pipe, Add	*0.49*	
		For Work In Restricted Working Space, Add	*4.81*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	23.72	8.61
		For Schedule 80 Pipe, Add	*5.29*	
		For Schedule A-106 Pipe, Add	*0.78*	
		For Work In Restricted Working Space, Add	*5.17*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	31.72	10.66
		For Schedule 80 Pipe, Add	*7.37*	
		For Schedule A-106 Pipe, Add	*1.25*	
		For Work In Restricted Working Space, Add	*6.39*	
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	43.87	17.27
		For Schedule 80 Pipe, Add	*10.73*	
		For Schedule A-106 Pipe, Add	*2.09*	
		For Work In Restricted Working Space, Add	*7.93*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	60.98	17.34
		For Schedule 80 Pipe, Add	*15.27*	
		For Schedule A-106 Pipe, Add	*3.16*	
		For Schedule 30 Pipe, Deduct	*-8.73*	
		For Work In Restricted Working Space, Add	*10.40*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	79.01	20.89
		For Schedule 80 Pipe, Add	*20.34*	
		For Schedule A-106 Pipe, Add	*4.47*	
		For Schedule 30 Pipe, Deduct	*-11.62*	
		For Work In Restricted Working Space, Add	*12.53*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	99.72	25.24
		For Schedule 80 Pipe, Add	*26.07*	
		For Schedule A-106 Pipe, Add	*5.91*	
		For Schedule 30 Pipe, Deduct	*-14.90*	
		For Work In Restricted Working Space, Add	*15.15*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	98.12	26.62
		For Schedule 80 Pipe, Add	*25.03*	
		For Schedule A-106 Pipe, Add	*5.39*	
		For Schedule 30 Pipe, Deduct	*-14.30*	
		For Schedule 20 Pipe, Deduct	*-26.36*	
		For Work In Restricted Working Space, Add	*15.97*	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	107.44	28.64
		For Schedule 80 Pipe, Add	*27.58*	
		For Schedule A-106 Pipe, Add	*6.02*	
		For Schedule 30 Pipe, Deduct	*-15.76*	
		For Schedule 20 Pipe, Deduct	*-29.02*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	131.50	30.97
		For Schedule 80 Pipe, Add	*35.18*	
		For Schedule A-106 Pipe, Add	*8.35*	
		For Schedule 30 Pipe, Deduct	*-20.11*	
		For Schedule 20 Pipe, Deduct	*-36.73*	
		For Work In Restricted Working Space, Add	*18.59*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	155.86	37.11
		For Schedule 80 Pipe, Add	*41.57*	
		For Schedule A-106 Pipe, Add	*9.80*	
		For Work In Restricted Working Space, Add	*22.26*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	190.82	42.67
		For Schedule 80 Pipe, Add	*51.85*	
		For Schedule A-106 Pipe, Add	*12.66*	
		For Work In Restricted Working Space, Add	*25.60*	

23 21 13 23-0412 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	87.73	51.14
		For Schedule 80 Fittings, Add	*18.27*	
		For Work In Restricted Working Space, Add	*22.99*	
23 21 13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	91.74	53.80
		For Schedule 80 Fittings, Add	*19.05*	
		For Work In Restricted Working Space, Add	*24.19*	
23 21 13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	103.04	61.30
		For Schedule 80 Fittings, Add	*21.26*	
		For Work In Restricted Working Space, Add	*27.58*	
23 21 13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	110.29	66.14
		For Schedule 80 Fittings, Add	*22.67*	
		For Work In Restricted Working Space, Add	*29.76*	
23 21 13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	140.13	86.06
		For Schedule 80 Fittings, Add	*28.49*	
		For Work In Restricted Working Space, Add	*38.71*	
23 21 13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	176.09	107.59
		For Schedule 80 Fittings, Add	*35.89*	
		For Work In Restricted Working Space, Add	*48.38*	
23 21 13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	190.46	115.27
		For Schedule 80 Fittings, Add	*39.00*	
		For Work In Restricted Working Space, Add	*51.83*	
23 21 13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	327.87	199.17
		For Schedule 80 Fittings, Add	*67.01*	
		For Work In Restricted Working Space, Add	*89.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	564.78	328.67
		For Schedule 80 Fittings, Add	*117.69*	
		For Work In Restricted Working Space, Add	*147.85*	
23 21 13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	788.86	437.07
		For Schedule 80 Fittings, Add	*167.85*	
		For Work In Restricted Working Space, Add	*196.60*	
23 21 13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	994.11	499.59
		For Schedule 80 Fittings, Add	*219.59*	
		For Work In Restricted Working Space, Add	*224.68*	
23 21 13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,335.45	653.64
		For Schedule 80 Fittings, Add	*297.74*	
		For Work In Restricted Working Space, Add	*293.98*	
23 21 13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,639.52	772.61
		For Schedule 80 Fittings, Add	*370.23*	
		For Work In Restricted Working Space, Add	*347.50*	
23 21 13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,011.23	902.22
		For Schedule 80 Fittings, Add	*461.35*	
		For Work In Restricted Working Space, Add	*405.78*	
23 21 13 23-0427	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,355.93	1,006.03
		For Schedule 80 Fittings, Add	*548.41*	
		For Work In Restricted Working Space, Add	*452.47*	
23 21 13 23-0428	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,937.11	1,127.97
		For Schedule 80 Fittings, Add	*703.56*	
		For Work In Restricted Working Space, Add	*507.35*	
23 21 13 23-0429	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,375.84	1,165.64
		For Schedule 80 Fittings, Add	*829.26*	
		For Work In Restricted Working Space, Add	*524.26*	

23 21 13 23-0430 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0431	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	419.53	199.50
		For Schedule 80 Fittings, Add	*94.45*	
		For Work In Restricted Working Space, Add	*89.75*	
23 21 13 23-0432	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	722.65	324.92
		For Schedule 80 Fittings, Add	*165.64*	
		For Work In Restricted Working Space, Add	*146.16*	
23 21 13 23-0433	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	763.02	324.92
		For Schedule 80 Fittings, Add	*177.75*	
		For Work In Restricted Working Space, Add	*146.16*	
23 21 13 23-0434	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,152.02	437.07
		For Schedule 80 Fittings, Add	*276.80*	
		For Work In Restricted Working Space, Add	*196.60*	
23 21 13 23-0435	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,248.27	437.07
		For Schedule 80 Fittings, Add	*305.67*	
		For Work In Restricted Working Space, Add	*196.60*	
23 21 13 23-0436	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,542.86	499.59
		For Schedule 80 Fittings, Add	*384.22*	
		For Work In Restricted Working Space, Add	*224.68*	
23 21 13 23-0437	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,542.86	499.59
		For Schedule 80 Fittings, Add	*384.22*	
		For Work In Restricted Working Space, Add	*224.68*	
23 21 13 23-0438	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,472.62	666.06
		For Schedule 80 Fittings, Add	*636.93*	
		For Work In Restricted Working Space, Add	*299.58*	
23 21 13 23-0439	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,472.62	666.06
		For Schedule 80 Fittings, Add	*636.93*	
		For Work In Restricted Working Space, Add	*299.58*	
23 21 13 23-0440	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,734.45	666.06
		For Schedule 80 Fittings, Add	*715.48*	
		For Work In Restricted Working Space, Add	*299.58*	

23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0442	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	81.28	48.34
		For Schedule 80 Fittings, Add	*16.77*	
		For Work In Restricted Working Space, Add	*21.74*	
23 21 13 23-0443	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	83.84	50.05
		For Schedule 80 Fittings, Add	*17.27*	
		For Work In Restricted Working Space, Add	*22.51*	
23 21 13 23-0444	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	94.93	57.47
		For Schedule 80 Fittings, Add	*19.44*	
		For Work In Restricted Working Space, Add	*25.84*	
23 21 13 23-0445	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	101.74	61.98
		For Schedule 80 Fittings, Add	*20.76*	
		For Work In Restricted Working Space, Add	*27.88*	
23 21 13 23-0446	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	129.02	80.15
		For Schedule 80 Fittings, Add	*26.08*	
		For Work In Restricted Working Space, Add	*36.06*	
23 21 13 23-0447	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	161.17	100.69
		For Schedule 80 Fittings, Add	*32.51*	
		For Work In Restricted Working Space, Add	*45.27*	
23 21 13 23-0448	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	185.65	115.18
		For Schedule 80 Fittings, Add	*37.56*	
		For Work In Restricted Working Space, Add	*51.82*	
23 21 13 23-0449	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	319.89	199.08
		For Schedule 80 Fittings, Add	*64.62*	
		For Work In Restricted Working Space, Add	*89.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0450	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	544.79	328.34
		For Schedule 80 Fittings, Add	*111.75*	
		For Work In Restricted Working Space, Add	*147.68*	
23 21 13 23-0451	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	752.83	437.07
		For Schedule 80 Fittings, Add	*157.04*	
		For Work In Restricted Working Space, Add	*196.60*	
23 21 13 23-0452	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	927.96	499.59
		For Schedule 80 Fittings, Add	*199.75*	
		For Work In Restricted Working Space, Add	*224.68*	
23 21 13 23-0453	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,237.68	652.43
		For Schedule 80 Fittings, Add	*268.60*	
		For Work In Restricted Working Space, Add	*293.43*	
23 21 13 23-0454	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,511.21	773.65
		For Schedule 80 Fittings, Add	*331.58*	
		For Work In Restricted Working Space, Add	*347.96*	
23 21 13 23-0455	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,832.10	901.25
		For Schedule 80 Fittings, Add	*407.75*	
		For Work In Restricted Working Space, Add	*405.36*	
23 21 13 23-0456	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,125.44	1,004.81
		For Schedule 80 Fittings, Add	*479.45*	
		For Work In Restricted Working Space, Add	*451.95*	
23 21 13 23-0457	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,600.89	1,127.97
		For Schedule 80 Fittings, Add	*602.69*	
		For Work In Restricted Working Space, Add	*507.35*	
23 21 13 23-0458	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,936.44	1,165.64
		For Schedule 80 Fittings, Add	*697.44*	
		For Work In Restricted Working Space, Add	*524.26*	

23 21 13 23-0459 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0460	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	163.03	90.98
		For Schedule 80 Fittings, Add	*34.59*	
		For Work In Restricted Working Space, Add	*40.92*	
23 21 13 23-0461	EA	1" Standard Weight, Welded Plain End Black Steel Tee	162.99	90.98
		For Schedule 80 Fittings, Add	*34.58*	
		For Work In Restricted Working Space, Add	*40.91*	
23 21 13 23-0462	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	183.78	101.20
		For Schedule 80 Fittings, Add	*39.21*	
		For Work In Restricted Working Space, Add	*45.51*	
23 21 13 23-0463	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	202.60	113.73
		For Schedule 80 Fittings, Add	*42.88*	
		For Work In Restricted Working Space, Add	*51.16*	
23 21 13 23-0464	EA	2" Standard Weight, Welded Plain End Black Steel Tee	256.03	151.85
		For Schedule 80 Fittings, Add	*52.91*	
		For Work In Restricted Working Space, Add	*68.30*	
23 21 13 23-0465	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	291.05	170.60
		For Schedule 80 Fittings, Add	*60.46*	
		For Work In Restricted Working Space, Add	*76.74*	
23 21 13 23-0466	EA	3" Standard Weight, Welded Plain End Black Steel Tee	349.38	207.18
		For Schedule 80 Fittings, Add	*72.23*	
		For Work In Restricted Working Space, Add	*93.11*	
23 21 13 23-0467	EA	4" Standard Weight, Welded Plain End Black Steel Tee	503.02	299.34
		For Schedule 80 Fittings, Add	*103.79*	
		For Work In Restricted Working Space, Add	*134.62*	
23 21 13 23-0468	EA	6" Standard Weight, Welded Plain End Black Steel Tee	840.20	494.51
		For Schedule 80 Fittings, Add	*174.22*	
		For Work In Restricted Working Space, Add	*222.41*	
23 21 13 23-0469	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,181.58	666.06
		For Schedule 80 Fittings, Add	*249.62*	
		For Work In Restricted Working Space, Add	*299.58*	
23 21 13 23-0470	EA	10" Standard Weight, Welded Plain End Black Steel Tee	1,471.83	777.04
		For Schedule 80 Fittings, Add	*319.22*	
		For Work In Restricted Working Space, Add	*349.51*	
23 21 13 23-0471	EA	12" Standard Weight, Welded Plain End Black Steel Tee	1,964.51	999.08
		For Schedule 80 Fittings, Add	*432.07*	
		For Work In Restricted Working Space, Add	*449.37*	
23 21 13 23-0472	EA	14" Standard Weight, Welded Plain End Black Steel Tee	2,497.75	1,165.64
		For Schedule 80 Fittings, Add	*565.83*	
		For Work In Restricted Working Space, Add	*524.26*	
23 21 13 23-0473	EA	16" Standard Weight, Welded Plain End Black Steel Tee	3,004.00	1,398.74
		For Schedule 80 Fittings, Add	*681.01*	
		For Work In Restricted Working Space, Add	*629.12*	
23 21 13 23-0474	EA	18" Standard Weight, Welded Plain End Black Steel Tee	3,811.54	1,554.16
		For Schedule 80 Fittings, Add	*898.81*	
		For Work In Restricted Working Space, Add	*699.02*	
23 21 13 23-0475	EA	20" Standard Weight, Welded Plain End Black Steel Tee	4,908.54	1,748.46
		For Schedule 80 Fittings, Add	*1,197.32*	
		For Work In Restricted Working Space, Add	*786.40*	
23 21 13 23-0476	EA	24" Standard Weight, Welded Plain End Black Steel Tee	5,612.75	1,882.96
		For Schedule 80 Fittings, Add	*1,387.41*	
		For Work In Restricted Working Space, Add	*846.89*	

23 21 13 23-0477 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0478	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	158.77	88.15
		For Schedule 80 Fittings, Add	*33.76*	
		For Work In Restricted Working Space, Add	*39.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0479	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	162.99	90.98
		For Schedule 80 Fittings, Add	*34.58*	
		For Work In Restricted Working Space, Add	*40.91*	
23 21 13 23-0480	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	182.08	101.20
		For Schedule 80 Fittings, Add	*38.70*	
		For Work In Restricted Working Space, Add	*45.51*	
23 21 13 23-0481	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	200.90	113.73
		For Schedule 80 Fittings, Add	*42.37*	
		For Work In Restricted Working Space, Add	*51.16*	
23 21 13 23-0482	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	259.88	151.85
		For Schedule 80 Fittings, Add	*54.05*	
		For Work In Restricted Working Space, Add	*68.32*	
23 21 13 23-0483	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	291.14	170.69
		For Schedule 80 Fittings, Add	*60.47*	
		For Work In Restricted Working Space, Add	*76.76*	
23 21 13 23-0484	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	349.56	207.18
		For Schedule 80 Fittings, Add	*72.28*	
		For Work In Restricted Working Space, Add	*93.11*	
23 21 13 23-0485	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	503.27	299.34
		For Schedule 80 Fittings, Add	*103.86*	
		For Work In Restricted Working Space, Add	*134.62*	
23 21 13 23-0486	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	840.63	494.51
		For Schedule 80 Fittings, Add	*174.34*	
		For Work In Restricted Working Space, Add	*222.41*	
23 21 13 23-0487	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,182.40	666.06
		For Schedule 80 Fittings, Add	*249.87*	
		For Work In Restricted Working Space, Add	*299.58*	
23 21 13 23-0488	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,473.23	777.04
		For Schedule 80 Fittings, Add	*319.64*	
		For Work In Restricted Working Space, Add	*349.51*	
23 21 13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,966.63	999.08
		For Schedule 80 Fittings, Add	*432.71*	
		For Work In Restricted Working Space, Add	*449.37*	
23 21 13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,501.16	1,165.64
		For Schedule 80 Fittings, Add	*566.86*	
		For Work In Restricted Working Space, Add	*524.26*	
23 21 13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,008.13	1,398.74
		For Schedule 80 Fittings, Add	*682.25*	
		For Work In Restricted Working Space, Add	*629.12*	
23 21 13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,818.29	1,554.16
		For Schedule 80 Fittings, Add	*900.83*	
		For Work In Restricted Working Space, Add	*699.02*	

23 21 13 23-0493 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0494	EA	3" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	195.40	114.85
		For Schedule 80 Fittings, Add	*40.53*	
		For Concentric Reducers, Deduct	*-7.41*	
		For Work In Restricted Working Space, Add	*51.67*	
23 21 13 23-0495	EA	4" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	327.22	199.50
		For Schedule 80 Fittings, Add	*66.75*	
		For Concentric Reducers, Deduct	*-8.98*	
		For Work In Restricted Working Space, Add	*89.75*	
23 21 13 23-0496	EA	4" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	335.30	199.50
		For Schedule 80 Fittings, Add	*69.18*	
		For Concentric Reducers, Deduct	*-11.56*	
		For Work In Restricted Working Space, Add	*89.75*	
23 21 13 23-0497	EA	6" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	543.92	324.92
		For Schedule 80 Fittings, Add	*112.02*	
		For Concentric Reducers, Deduct	*-18.15*	
		For Work In Restricted Working Space, Add	*146.16*	
23 21 13 23-0498	EA	6" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	585.24	324.92
		For Schedule 80 Fittings, Add	*124.42*	
		For Concentric Reducers, Deduct	*-31.38*	
		For Work In Restricted Working Space, Add	*146.16*	
23 21 13 23-0499	EA	8" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	826.17	494.51
		For Schedule 80 Fittings, Add	*170.01*	
		For Concentric Reducers, Deduct	*-27.13*	
		For Work In Restricted Working Space, Add	*222.41*	
23 21 13 23-0500	EA	8" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	887.76	494.51
		For Schedule 80 Fittings, Add	*188.48*	
		For Concentric Reducers, Deduct	*-46.84*	
		For Work In Restricted Working Space, Add	*222.41*	
23 21 13 23-0501	EA	10" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	952.61	568.68
		For Schedule 80 Fittings, Add	*196.26*	
		For Concentric Reducers, Deduct	*-32.01*	
		For Work In Restricted Working Space, Add	*255.78*	
23 21 13 23-0502	EA	10" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,030.07	568.68
		For Schedule 80 Fittings, Add	*219.50*	
		For Concentric Reducers, Deduct	*-56.79*	
		For Work In Restricted Working Space, Add	*255.78*	
23 21 13 23-0503	EA	12" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,154.06	664.77
		For Schedule 80 Fittings, Add	*241.56*	
		For Concentric Reducers, Deduct	*-50.36*	
		For Work In Restricted Working Space, Add	*299.01*	
23 21 13 23-0504	EA	12" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,243.76	664.77
		For Schedule 80 Fittings, Add	*268.47*	
		For Concentric Reducers, Deduct	*-79.06*	
		For Work In Restricted Working Space, Add	*299.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0505	EA	14" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,441.35	777.04
		For Schedule 80 Fittings, Add	*310.08*	
		For Concentric Reducers, Deduct	*-88.42*	
		For Work In Restricted Working Space, Add	*349.51*	
23 21 13 23-0506	EA	14" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,491.38	777.04
		For Schedule 80 Fittings, Add	*325.09*	
		For Concentric Reducers, Deduct	*-104.43*	
		For Work In Restricted Working Space, Add	*349.51*	
23 21 13 23-0507	EA	16" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,685.81	874.23
		For Schedule 80 Fittings, Add	*368.12*	
		For Concentric Reducers, Deduct	*-120.05*	
		For Work In Restricted Working Space, Add	*393.20*	
23 21 13 23-0508	EA	16" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,814.51	874.23
		For Schedule 80 Fittings, Add	*406.73*	
		For Concentric Reducers, Deduct	*-161.23*	
		For Work In Restricted Working Space, Add	*393.20*	
23 21 13 23-0509	EA	18" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,107.87	999.08
		For Schedule 80 Fittings, Add	*475.08*	
		For Concentric Reducers, Deduct	*-195.19*	
		For Work In Restricted Working Space, Add	*449.37*	

23 21 13 23-0510 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0511	EA	1" Standard Weight, Welded Plain End Black Steel Cap	48.27	28.47
		For Schedule 80 Fittings, Add	*9.15*	
		For Work In Restricted Working Space, Add	*12.79*	
23 21 13 23-0512	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	52.88	31.29
		For Schedule 80 Fittings, Add	*10.00*	
		For Work In Restricted Working Space, Add	*14.07*	
23 21 13 23-0513	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	54.95	32.40
		For Schedule 80 Fittings, Add	*10.41*	
		For Work In Restricted Working Space, Add	*14.58*	
23 21 13 23-0514	EA	2" Standard Weight, Welded Plain End Black Steel Cap	68.60	41.52
		For Schedule 80 Fittings, Add	*12.80*	
		For Work In Restricted Working Space, Add	*18.68*	
23 21 13 23-0515	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	81.38	50.05
		For Schedule 80 Fittings, Add	*15.04*	
		For Work In Restricted Working Space, Add	*22.51*	
23 21 13 23-0516	EA	3" Standard Weight, Welded Plain End Black Steel Cap	95.72	57.72
		For Schedule 80 Fittings, Add	*17.90*	
		For Work In Restricted Working Space, Add	*25.97*	
23 21 13 23-0517	EA	4" Standard Weight, Welded Plain End Black Steel Cap	161.77	99.76
		For Schedule 80 Fittings, Add	*29.83*	
		For Work In Restricted Working Space, Add	*44.87*	
23 21 13 23-0518	EA	6" Standard Weight, Welded Plain End Black Steel Cap	270.30	164.81
		For Schedule 80 Fittings, Add	*50.20*	
		For Work In Restricted Working Space, Add	*74.14*	
23 21 13 23-0519	EA	8" Standard Weight, Welded Plain End Black Steel Cap	450.66	277.43
		For Schedule 80 Fittings, Add	*83.21*	
		For Work In Restricted Working Space, Add	*124.77*	
23 21 13 23-0520	EA	10" Standard Weight, Welded Plain End Black Steel Cap	498.22	291.67
		For Schedule 80 Fittings, Add	*94.81*	
		For Work In Restricted Working Space, Add	*131.17*	
23 21 13 23-0521	EA	12" Standard Weight, Welded Plain End Black Steel Cap	563.94	325.28
		For Schedule 80 Fittings, Add	*108.22*	
		For Work In Restricted Working Space, Add	*146.30*	
23 21 13 23-0522	EA	14" Standard Weight, Welded Plain End Black Steel Cap	725.88	388.52
		For Schedule 80 Fittings, Add	*144.95*	
		For Work In Restricted Working Space, Add	*174.76*	
23 21 13 23-0523	EA	16" Standard Weight, Welded Plain End Black Steel Cap	843.00	451.19
		For Schedule 80 Fittings, Add	*168.34*	
		For Work In Restricted Working Space, Add	*202.94*	
23 21 13 23-0524	EA	18" Standard Weight, Welded Plain End Black Steel Cap	940.46	499.59
		For Schedule 80 Fittings, Add	*188.52*	
		For Work In Restricted Working Space, Add	*224.68*	

23 21 13 23-0525 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: 150 LB.

23 21 13 23-0526	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	127.48	64.28
		For 300 LB Rating, Add	*31.89*	
		For Work In Restricted Working Space, Add	*28.91*	
23 21 13 23-0527	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	151.36	80.23
		For 300 LB Rating, Add	*34.40*	
		For Work In Restricted Working Space, Add	*36.08*	
23 21 13 23-0528	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	168.64	91.74
		For 300 LB Rating, Add	*36.23*	
		For Work In Restricted Working Space, Add	*41.25*	
23 21 13 23-0529	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	221.06	120.98
		For 300 LB Rating, Add	*46.81*	
		For Work In Restricted Working Space, Add	*54.42*	
23 21 13 23-0530	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	336.05	183.48
		For 300 LB Rating, Add	*71.60*	
		For Work In Restricted Working Space, Add	*82.51*	
23 21 13 23-0531	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	389.58	189.06
		For 300 LB Rating, Add	*104.09*	
		For Work In Restricted Working Space, Add	*85.02*	
23 21 13 23-0532	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	529.98	237.05
		For 300 LB Rating, Add	*159.51*	
		For Work In Restricted Working Space, Add	*106.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0533	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	657.79	268.99
		For 300 LB Rating, Add	*220.50*	
		For Work In Restricted Working Space, Add	*120.98*	
23 21 13 23-0534	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	874.05	325.28
		For 300 LB Rating, Add	*321.67*	
		For Work In Restricted Working Space, Add	*146.30*	
23 21 13 23-0535	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,170.43	378.04
		For 300 LB Rating, Add	*482.07*	
		For Work In Restricted Working Space, Add	*170.03*	
23 21 13 23-0536	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	1,473.50	423.85
		For 300 LB Rating, Add	*653.35*	
		For Work In Restricted Working Space, Add	*190.64*	
23 21 13 23-0537	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	1,867.97	537.97
		For 300 LB Rating, Add	*827.68*	
		For Work In Restricted Working Space, Add	*241.97*	
23 21 13 23-0538	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	2,134.17	582.82
		For 300 LB Rating, Add	*974.02*	
		For Work In Restricted Working Space, Add	*262.13*	

23 21 13 23-0539 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*

23 21 13 23-0540	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	92.01	64.28
		For 300 LB Rating, Add	*21.81*	
		For Work In Restricted Working Space, Add	*23.02*	
23 21 13 23-0541	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	113.41	80.23
		For 300 LB Rating, Add	*27.51*	
		For Work In Restricted Working Space, Add	*28.14*	
23 21 13 23-0542	EA	3", 150 LB, Welded Black Steel Slip-On Flange	133.94	91.74
		For 300 LB Rating, Add	*32.43*	
		For Work In Restricted Working Space, Add	*33.25*	
23 21 13 23-0543	EA	4", 150 LB, Welded Black Steel Slip-On Flange	176.45	120.98
		For 300 LB Rating, Add	*43.58*	
		For Work In Restricted Working Space, Add	*43.48*	
23 21 13 23-0544	EA	6", 150 LB, Welded Black Steel Slip-On Flange	261.65	183.48
		For 300 LB Rating, Add	*66.03*	
		For Work In Restricted Working Space, Add	*63.95*	
23 21 13 23-0545	EA	8", 150 LB, Welded Black Steel Slip-On Flange	331.88	189.06
		For 300 LB Rating, Add	*93.50*	
		For Work In Restricted Working Space, Add	*77.43*	
23 21 13 23-0546	EA	10", 150 LB, Welded Black Steel Slip-On Flange	449.99	237.05
		For 300 LB Rating, Add	*148.51*	
		For Work In Restricted Working Space, Add	*96.79*	
23 21 13 23-0547	EA	12", 150 LB, Welded Black Steel Slip-On Flange	588.12	268.99
		For 300 LB Rating, Add	*221.52*	
		For Work In Restricted Working Space, Add	*116.15*	
23 21 13 23-0548	EA	14", 150 LB, Welded Black Steel Slip-On Flange	745.29	325.28
		For 300 LB Rating, Add	*311.68*	
		For Work In Restricted Working Space, Add	*135.50*	
23 21 13 23-0549	EA	16", 150 LB, Welded Black Steel Slip-On Flange	895.39	378.04
		For 300 LB Rating, Add	*408.30*	
		For Work In Restricted Working Space, Add	*150.02*	
23 21 13 23-0550	EA	18", 150 LB, Welded Black Steel Slip-On Flange	991.72	423.85
		For 300 LB Rating, Add	*456.52*	
		For Work In Restricted Working Space, Add	*164.54*	
23 21 13 23-0551	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,100.69	537.97
		For 300 LB Rating, Add	*516.12*	
		For Work In Restricted Working Space, Add	*179.06*	
23 21 13 23-0552	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,259.74	582.82
		For 300 LB Rating, Add	*582.32*	
		For Work In Restricted Working Space, Add	*208.09*	

23 21 13 23-0553 150 LB, Forged Steel Blind Flanges *(23 21 13 23-0393)*

23 21 13 23-0554	EA	2", 150 LB, Forged Steel Blind Flange	63.32	22.89
		For 300 LB Rating, Add	*18.85*	
		For 600 LB Rating, Add	*48.99*	
		For Work In Restricted Working Space, Add	*13.73*	
23 21 13 23-0555	EA	2-1/2", 150 LB, Forged Steel Blind Flange	83.38	27.46
		For 300 LB Rating, Add	*28.53*	
		For 600 LB Rating, Add	*76.54*	
		For Work In Restricted Working Space, Add	*16.48*	
23 21 13 23-0556	EA	3", 150 LB, Forged Steel Blind Flange	102.67	36.61
		For 300 LB Rating, Add	*31.24*	
		For 600 LB Rating, Add	*81.64*	
		For Work In Restricted Working Space, Add	*21.97*	
23 21 13 23-0557	EA	4", 150 LB, Forged Steel Blind Flange	132.11	45.77
		For 300 LB Rating, Add	*42.07*	
		For 600 LB Rating, Add	*111.10*	
		For Work In Restricted Working Space, Add	*27.46*	
23 21 13 23-0558	EA	6", 150 LB, Forged Steel Blind Flange	180.47	59.50
		For 300 LB Rating, Add	*61.68*	
		For 600 LB Rating, Add	*165.40*	
		For Work In Restricted Working Space, Add	*35.70*	
23 21 13 23-0559	EA	8", 150 LB, Forged Steel Blind Flange	234.83	68.66
		For 300 LB Rating, Add	*92.43*	
		For 600 LB Rating, Add	*254.64*	
		For Work In Restricted Working Space, Add	*41.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0560	EA	10", 150 LB, Forged Steel Blind Flange	355.21	82.38
		For 300 LB Rating, Add	*169.65*	
		For 600 LB Rating, Add	*481.77*	
		For Work In Restricted Working Space, Add	*49.43*	
23 21 13 23-0561	EA	12", 150 LB, Forged Steel Blind Flange	461.77	96.12
		For 300 LB Rating, Add	*235.82*	
		For 600 LB Rating, Add	*675.73*	
		For Work In Restricted Working Space, Add	*57.67*	
23 21 13 23-0562	EA	14", 150 LB, Forged Steel Blind Flange	774.66	109.85
		For 300 LB Rating, Add	*467.04*	
		For Work In Restricted Working Space, Add	*65.91*	
23 21 13 23-0563	EA	16", 150 LB, Forged Steel Blind Flange	832.13	123.57
		For 300 LB Rating, Add	*493.93*	
		For Work In Restricted Working Space, Add	*74.15*	
23 21 13 23-0564	EA	18", 150 LB, Forged Steel Blind Flange	937.43	151.04
		For 300 LB Rating, Add	*540.00*	
		For Work In Restricted Working Space, Add	*90.62*	
23 21 13 23-0565	EA	20", 150 LB, Forged Steel Blind Flange	1,199.45	164.77
		For 300 LB Rating, Add	*730.53*	
		For Work In Restricted Working Space, Add	*98.86*	
23 21 13 23-0566	EA	24", 150 LB, Forged Steel Blind Flange	1,629.88	192.23
		For 300 LB Rating, Add	*1,036.70*	
		For Work In Restricted Working Space, Add	*115.34*	

23 21 13 23-0567 3,000 LB, Forge Steel Thread-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0568	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	64.53	
		For Weld-O-Lets, Add	*3.85*	
		For Sock-O-Lets, Add	*24.91*	
		For Work In Restricted Working Space, Add	*17.05*	
23 21 13 23-0569	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	77.24	
		For Weld-O-Lets, Add	*4.52*	
		For Sock-O-Lets, Add	*29.80*	
		For Work In Restricted Working Space, Add	*20.46*	
23 21 13 23-0570	EA	1", 3,000 LB, Forge Steel Thread-O-Let	87.63	
		For Weld-O-Lets, Add	*5.06*	
		For Sock-O-Lets, Add	*33.81*	
		For Work In Restricted Working Space, Add	*23.25*	
23 21 13 23-0571	EA	1-1/4" Or 1-1/2", 3,000 LB, Forge Steel Thread-O-Let	99.61	
		For Weld-O-Lets, Add	*7.18*	
		For Sock-O-Lets, Add	*38.57*	
		For Work In Restricted Working Space, Add	*25.58*	
23 21 13 23-0572	EA	2", 3,000 LB, Forge Steel Thread-O-Let	112.68	
		For Weld-O-Lets, Add	*8.98*	
		For Sock-O-Lets, Add	*43.72*	
		For Work In Restricted Working Space, Add	*28.42*	
23 21 13 23-0573	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	186.92	
		For Weld-O-Lets, Add	*32.56*	
		For Sock-O-Lets, Add	*74.29*	
		For Work In Restricted Working Space, Add	*36.54*	
23 21 13 23-0574	EA	3", 3,000 LB, Forge Steel Thread-O-Let	236.03	
		For Weld-O-Lets, Add	*32.76*	
		For Sock-O-Lets, Add	*92.97*	
		For Work In Restricted Working Space, Add	*51.16*	
23 21 13 23-0575	EA	4", 3,000 LB, Forge Steel Thread-O-Let	341.37	
		For Weld-O-Lets, Add	*64.11*	
		For Sock-O-Lets, Add	*136.13*	
		For Work In Restricted Working Space, Add	*63.95*	

23 21 13 23-0576 Bolt, Nut, And 150 LB Rubber Flange Gasket Set *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0577	EA	3/4" To 1-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washer and nut.	6.28	
		For 300 LB Rating Gasket Set, Add	*2.04*	
		For 150 LB Rating Teflon Gasket Set, Add	*8.20*	
23 21 13 23-0578	EA	2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.	11.17	
		For 300 LB Rating Gasket Set, Add	*3.63*	
		For 150 LB Rating Teflon Gasket Set, Add	*14.58*	
23 21 13 23-0579	EA	2-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.	11.98	
		For 300 LB Rating Gasket Set, Add	*3.89*	
		For 150 LB Rating Teflon Gasket Set, Add	*15.63*	
23 21 13 23-0580	EA	3" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut.	12.61	
		For 300 LB Rating Gasket Set, Add	*4.10*	
		For 150 LB Rating Teflon Gasket Set, Add	*16.46*	
23 21 13 23-0581	EA	4" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washer and nut.	21.93	
		For 300 LB Rating Gasket Set, Add	*7.13*	
		For 150 LB Rating Teflon Gasket Set, Add	*28.62*	
23 21 13 23-0582	EA	5" To 6" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut.	34.40	
		For 300 LB Rating Gasket Set, Add	*11.18*	
		For 150 LB Rating Teflon Gasket Set, Add	*44.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0583	EA	8" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	37.00	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*12.03*	
		For 150 LB Rating Teflon Gasket Set, Add	*48.29*	
23 21 13 23-0584	EA	10" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	75.44	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*24.52*	
		For 150 LB Rating Teflon Gasket Set, Add	*98.45*	
23 21 13 23-0585	EA	12" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	81.64	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*26.53*	
		For 150 LB Rating Teflon Gasket Set, Add	*106.54*	
23 21 13 23-0586	EA	14" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	115.80	
		Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*37.64*	
		For 150 LB Rating Teflon Gasket Set, Add	*151.12*	
23 21 13 23-0587	EA	16" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	151.04	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*49.09*	
		For 150 LB Rating Teflon Gasket Set, Add	*197.11*	
23 21 13 23-0588	EA	18" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	218.45	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*71.00*	
		For 150 LB Rating Teflon Gasket Set, Add	*285.08*	
23 21 13 23-0589	EA	20" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	301.84	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*98.10*	
		For 150 LB Rating Teflon Gasket Set, Add	*393.90*	
23 21 13 23-0590	EA	24" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	377.31	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*122.63*	
		For 150 LB Rating Teflon Gasket Set, Add	*492.39*	
23 21 13 23-0591	EA	30" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	630.47	
		Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*204.90*	
		For 150 LB Rating Teflon Gasket Set, Add	*822.76*	
23 21 13 23-0592	EA	36" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set	754.61	
		Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washer and nut.		
		For 300 LB Rating Gasket Set, Add	*245.25*	
		For 150 LB Rating Teflon Gasket Set, Add	*984.77*	

23 21 13 23-0593 150 LB, Rubber Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.

23 21 13 23-0594	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	25.35	
		For 300 LB Rating Gasket Set, Add	*0.02*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.54*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.62*	
		For Work In Restricted Working Space, Add	*7.58*	
23 21 13 23-0595	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	27.07	
		For 300 LB Rating Gasket Set, Add	*0.04*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.77*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.89*	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-0596	EA	1", 150 LB, Rubber Flange Gasket Replacement	29.66	
		For 300 LB Rating Gasket Set, Add	*0.06*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.31*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.51*	
		For Work In Restricted Working Space, Add	*8.85*	
23 21 13 23-0597	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	32.21	
		For 300 LB Rating Gasket Set, Add	*0.07*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.47*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.69*	
		For Work In Restricted Working Space, Add	*9.61*	
23 21 13 23-0598	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	35.63	
		For 300 LB Rating Gasket Set, Add	*0.08*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.86*	
		For 300 LB Rating Teflon Gasket Set, Add	*2.14*	
		For Work In Restricted Working Space, Add	*10.62*	
23 21 13 23-0599	EA	2", 150 LB, Rubber Flange Gasket Replacement	39.11	
		For 300 LB Rating Gasket Set, Add	*0.12*	
		For 150 LB Rating Teflon Gasket Set, Add	*2.63*	
		For 300 LB Rating Teflon Gasket Set, Add	*3.03*	
		For Work In Restricted Working Space, Add	*11.63*	
23 21 13 23-0600	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	45.96	
		For 300 LB Rating Gasket Set, Add	*0.16*	
		For 150 LB Rating Teflon Gasket Set, Add	*3.56*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.09*	
		For Work In Restricted Working Space, Add	*13.65*	
23 21 13 23-0601	EA	3", 150 LB, Rubber Flange Gasket Replacement	48.56	
		For 300 LB Rating Gasket Set, Add	*0.19*	
		For 150 LB Rating Teflon Gasket Set, Add	*4.10*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.72*	
		For Work In Restricted Working Space, Add	*14.41*	
23 21 13 23-0602	EA	4", 150 LB, Rubber Flange Gasket Replacement	64.08	
		For 300 LB Rating Gasket Set, Add	*0.30*	
		For 150 LB Rating Teflon Gasket Set, Add	*6.73*	
		For 300 LB Rating Teflon Gasket Set, Add	*7.74*	
		For Work In Restricted Working Space, Add	*18.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0603	EA	5", 150 LB, Rubber Flange Gasket Replacement	74.29	
		For 300 LB Rating Gasket Set, Add	*0.34*	
		For 150 LB Rating Teflon Gasket Set, Add	*7.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*8.63*	
		For Work In Restricted Working Space, Add	*22.00*	
23 21 13 23-0604	EA	6", 150 LB, Rubber Flange Gasket Replacement	84.68	
		For 300 LB Rating Gasket Set, Add	*0.44*	
		For 150 LB Rating Teflon Gasket Set, Add	*9.74*	
		For 300 LB Rating Teflon Gasket Set, Add	*11.21*	
		For Work In Restricted Working Space, Add	*25.03*	
23 21 13 23-0605	EA	8", 150 LB, Rubber Flange Gasket Replacement	102.97	
		For 300 LB Rating Gasket Set, Add	*0.64*	
		For 150 LB Rating Teflon Gasket Set, Add	*14.22*	
		For 300 LB Rating Teflon Gasket Set, Add	*16.38*	
		For Work In Restricted Working Space, Add	*30.34*	
23 21 13 23-0606	EA	10", 150 LB, Rubber Flange Gasket Replacement	110.47	
		For 300 LB Rating Gasket Set, Add	*0.91*	
		For 150 LB Rating Teflon Gasket Set, Add	*20.18*	
		For 300 LB Rating Teflon Gasket Set, Add	*23.23*	
		For Work In Restricted Working Space, Add	*32.36*	
23 21 13 23-0607	EA	12", 150 LB, Rubber Flange Gasket Replacement	125.53	
		For 300 LB Rating Gasket Set, Add	*1.17*	
		For 150 LB Rating Teflon Gasket Set, Add	*25.82*	
		For 300 LB Rating Teflon Gasket Set, Add	*29.73*	
		For Work In Restricted Working Space, Add	*36.66*	
23 21 13 23-0608	EA	14", 150 LB, Rubber Flange Gasket Replacement	130.40	
		For 300 LB Rating Gasket Set, Add	*1.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*30.84*	
		For 300 LB Rating Teflon Gasket Set, Add	*35.51*	
		For Work In Restricted Working Space, Add	*37.92*	
23 21 13 23-0609	EA	16", 150 LB, Rubber Flange Gasket Replacement	172.99	
		For 300 LB Rating Gasket Set, Add	*1.56*	
		For 150 LB Rating Teflon Gasket Set, Add	*34.40*	
		For 300 LB Rating Teflon Gasket Set, Add	*39.61*	
		For Work In Restricted Working Space, Add	*50.56*	
23 21 13 23-0610	EA	18", 150 LB, Rubber Flange Gasket Replacement	189.18	
		For 300 LB Rating Gasket Set, Add	*1.62*	
		For 150 LB Rating Teflon Gasket Set, Add	*35.87*	
		For 300 LB Rating Teflon Gasket Set, Add	*41.30*	
		For Work In Restricted Working Space, Add	*55.36*	
23 21 13 23-0611	EA	20", 150 LB, Rubber Flange Gasket Replacement	229.96	
		For 300 LB Rating Gasket Set, Add	*1.74*	
		For 150 LB Rating Teflon Gasket Set, Add	*38.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*44.32*	
		For Work In Restricted Working Space, Add	*67.49*	

23 21 13 23-0612 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0613	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	18.30	
		For Work In Restricted Working Space, Add	*5.49*	
23 21 13 23-0614	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	19.77	
		For Work In Restricted Working Space, Add	*5.93*	
23 21 13 23-0615	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	22.23	
		For Work In Restricted Working Space, Add	*6.67*	
23 21 13 23-0616	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	23.33	
		For Work In Restricted Working Space, Add	*7.00*	
23 21 13 23-0617	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.71	
		For Work In Restricted Working Space, Add	*7.41*	
23 21 13 23-0618	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.53	
		For Work In Restricted Working Space, Add	*7.96*	
23 21 13 23-0619	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	28.37	
		For Work In Restricted Working Space, Add	*8.51*	
23 21 13 23-0620	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.11	
		For Work In Restricted Working Space, Add	*9.33*	
23 21 13 23-0621	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.85	
		For Work In Restricted Working Space, Add	*10.16*	
23 21 13 23-0622	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	36.60	
		For Work In Restricted Working Space, Add	*10.98*	
23 21 13 23-0623	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	39.35	
		For Work In Restricted Working Space, Add	*11.81*	
23 21 13 23-0624	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	43.01	
		For Work In Restricted Working Space, Add	*12.90*	
23 21 13 23-0625	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.67	
		For Work In Restricted Working Space, Add	*14.00*	
23 21 13 23-0626	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	50.33	
		For Work In Restricted Working Space, Add	*15.10*	
23 21 13 23-0627	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	53.98	
		For Work In Restricted Working Space, Add	*16.19*	
23 21 13 23-0628	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	56.73	
		For Work In Restricted Working Space, Add	*17.02*	
23 21 13 23-0629	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	59.48	
		For Work In Restricted Working Space, Add	*17.84*	
23 21 13 23-0630	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	63.14	
		For Work In Restricted Working Space, Add	*18.94*	

23 21 13 23-0631 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0632	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	17.72	9.38
		For Work In Restricted Working Space, Add	*4.60*	
23 21 13 23-0633	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	19.00	10.23
		For Work In Restricted Working Space, Add	*4.60*	
23 21 13 23-0634	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	19.56	10.07
		For Work In Restricted Working Space, Add	*4.52*	
23 21 13 23-0635	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	24.62	12.79
		For Work In Restricted Working Space, Add	*5.75*	
23 21 13 23-0636	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	38.91	18.93
		For Work In Restricted Working Space, Add	*8.51*	
23 21 13 23-0637	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	47.97	22.01
		For Work In Restricted Working Space, Add	*9.92*	
23 21 13 23-0638	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	63.27	27.42
		For Work In Restricted Working Space, Add	*12.34*	
23 21 13 23-0639	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	76.64	33.07
		For Work In Restricted Working Space, Add	*14.87*	
23 21 13 23-0640	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	98.31	42.91
		For Work In Restricted Working Space, Add	*19.31*	

23 21 13 23-0641 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0525 for welded neck flange ends.

23 21 13 23-0642 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0641)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0576 for gaskets.

23 21 13 23-0643 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0642)*

23 21 13 23-0644	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	373.39	39.33
		For Galvanized Fittings, Add	*251.54*	
		For Extra Heavy Weight Fittings, Add	*377.32*	
23 21 13 23-0645	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	416.47	43.80
		For Galvanized Fittings, Add	*280.62*	
		For Extra Heavy Weight Fittings, Add	*420.92*	
23 21 13 23-0646	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	413.72	48.35
		For Galvanized Fittings, Add	*273.03*	
		For Extra Heavy Weight Fittings, Add	*409.55*	
23 21 13 23-0647	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	525.06	56.18
		For Galvanized Fittings, Add	*352.66*	
		For Extra Heavy Weight Fittings, Add	*529.00*	
23 21 13 23-0648	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	734.25	62.92
		For Galvanized Fittings, Add	*511.93*	
		For Extra Heavy Weight Fittings, Add	*767.89*	
23 21 13 23-0649	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	776.26	73.03
		For Galvanized Fittings, Add	*533.42*	
		For Extra Heavy Weight Fittings, Add	*800.12*	
23 21 13 23-0650	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	985.08	80.86
		For Galvanized Fittings, Add	*691.03*	
		For Extra Heavy Weight Fittings, Add	*1,036.55*	

23 21 13 23-0651 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0642)*

23 21 13 23-0652	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	697.50	41.61
		For Galvanized Fittings, Add	*508.14*	
		For Extra Heavy Weight Fittings, Add	*762.20*	
23 21 13 23-0653	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	726.35	46.08
		For Galvanized Fittings, Add	*525.83*	
		For Extra Heavy Weight Fittings, Add	*788.75*	
23 21 13 23-0654	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	904.69	52.23
		For Galvanized Fittings, Add	*661.09*	
		For Extra Heavy Weight Fittings, Add	*991.63*	
23 21 13 23-0655	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,119.88	55.59
		For Galvanized Fittings, Add	*829.20*	
		For Extra Heavy Weight Fittings, Add	*1,243.80*	
23 21 13 23-0656	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,275.56	64.60
		For Galvanized Fittings, Add	*942.96*	
		For Extra Heavy Weight Fittings, Add	*1,414.44*	
23 21 13 23-0657	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,779.17	76.98
		For Galvanized Fittings, Add	*1,331.02*	
		For Extra Heavy Weight Fittings, Add	*1,996.52*	

23 21 13 23-0658 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0642)*

23 21 13 23-0659	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	487.15	39.33
		For Galvanized Fittings, Add	*342.55*	
		For Extra Heavy Weight Fittings, Add	*513.83*	
23 21 13 23-0660	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	508.11	43.80
		For Galvanized Fittings, Add	*353.93*	
		For Extra Heavy Weight Fittings, Add	*530.89*	
23 21 13 23-0661	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	527.48	48.35
		For Galvanized Fittings, Add	*364.04*	
		For Extra Heavy Weight Fittings, Add	*546.06*	
23 21 13 23-0662	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	657.78	56.18
		For Galvanized Fittings, Add	*458.84*	
		For Extra Heavy Weight Fittings, Add	*688.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0663	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	949.14	62.92
		For Galvanized Fittings, Add	*683.84*	
		For Extra Heavy Weight Fittings, Add	*1,025.76*	
23 21 13 23-0664	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	924.79	73.03
		For Galvanized Fittings, Add	*652.24*	
		For Extra Heavy Weight Fittings, Add	*978.36*	
23 21 13 23-0665	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,090.85	80.86
		For Galvanized Fittings, Add	*775.65*	
		For Extra Heavy Weight Fittings, Add	*1,163.47*	

23 21 13 23-0666 Flanged Steel, Tees *(23 21 13 23-0642)*

23 21 13 23-0667	EA	2" Standard Weight, Flanged Steel, Tee	478.71	58.96
		For Galvanized Fittings, Add	*312.22*	
		For Extra Heavy Weight Fittings, Add	*468.32*	
23 21 13 23-0668	EA	2-1/2" Standard Weight, Flanged Steel, Tee	618.37	65.70
		For Galvanized Fittings, Add	*415.86*	
		For Extra Heavy Weight Fittings, Add	*623.80*	
23 21 13 23-0669	EA	3" Standard Weight, Flanged Steel, Tee	563.72	72.43
		For Galvanized Fittings, Add	*364.05*	
		For Extra Heavy Weight Fittings, Add	*546.07*	
23 21 13 23-0670	EA	4" Standard Weight, Flanged Steel, Tee	805.74	84.31
		For Galvanized Fittings, Add	*543.52*	
		For Extra Heavy Weight Fittings, Add	*815.28*	
23 21 13 23-0671	EA	5" Standard Weight, Flanged Steel, Tee	1,197.55	94.43
		For Galvanized Fittings, Add	*844.83*	
		For Extra Heavy Weight Fittings, Add	*1,267.25*	
23 21 13 23-0672	EA	6" Standard Weight, Flanged Steel, Tee	1,461.65	109.58
		For Galvanized Fittings, Add	*1,037.93*	
		For Extra Heavy Weight Fittings, Add	*1,556.89*	
23 21 13 23-0673	EA	8" Standard Weight, Flanged Steel, Tee	1,618.26	126.93
		For Galvanized Fittings, Add	*1,142.32*	
		For Extra Heavy Weight Fittings, Add	*1,713.48*	

23 21 13 23-0674 Flanged Steel, Reducing Tees *(23 21 13 23-0642)*

23 21 13 23-0675	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	757.21	63.51
		For Galvanized Fittings, Add	*529.62*	
		For Extra Heavy Weight Fittings, Add	*794.44*	
23 21 13 23-0676	EA	3" Standard Weight, Flanged Steel, Reducing Tee	874.76	70.25
		For Galvanized Fittings, Add	*615.58*	
		For Extra Heavy Weight Fittings, Add	*923.36*	
23 21 13 23-0677	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,506.03	80.36
		For Galvanized Fittings, Add	*1,108.47*	
		For Extra Heavy Weight Fittings, Add	*1,662.71*	
23 21 13 23-0678	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,627.82	91.05
		For Galvanized Fittings, Add	*1,193.09*	
		For Extra Heavy Weight Fittings, Add	*1,789.63*	
23 21 13 23-0679	EA	6" Standard Weight, Flanged Steel, Reducing Tee	2,046.43	104.53
		For Galvanized Fittings, Add	*1,511.81*	
		For Extra Heavy Weight Fittings, Add	*2,267.71*	
23 21 13 23-0680	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,555.56	117.41
		For Galvanized Fittings, Add	*1,903.62*	
		For Extra Heavy Weight Fittings, Add	*2,855.42*	

23 21 13 23-0681 Flanged Steel, Concentric Reducers *(23 21 13 23-0642)*

23 21 13 23-0682	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	716.87	46.08
		For Galvanized Fittings, Add	*518.25*	
		For Extra Heavy Weight Fittings, Add	*777.37*	
23 21 13 23-0683	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	814.62	52.23
		For Galvanized Fittings, Add	*589.03*	
		For Extra Heavy Weight Fittings, Add	*883.55*	
23 21 13 23-0684	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,209.52	59.55
		For Galvanized Fittings, Add	*896.19*	
		For Extra Heavy Weight Fittings, Add	*1,344.29*	
23 21 13 23-0685	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,334.03	64.60
		For Galvanized Fittings, Add	*989.74*	
		For Extra Heavy Weight Fittings, Add	*1,484.60*	
23 21 13 23-0686	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,562.71	76.98
		For Galvanized Fittings, Add	*1,157.85*	
		For Extra Heavy Weight Fittings, Add	*1,736.77*	

23 21 13 23-0687 Flanged Steel, Eccentric Reducers *(23 21 13 23-0642)*

23 21 13 23-0688	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	948.93	52.23
		For Galvanized Fittings, Add	*696.48*	
		For Extra Heavy Weight Fittings, Add	*1,044.72*	
23 21 13 23-0689	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	1,294.84	59.55
		For Galvanized Fittings, Add	*964.45*	
		For Extra Heavy Weight Fittings, Add	*1,446.67*	

23 21 13 23-0690 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

23 21 13 23-0691 Plain End Piping System Couplings *(23 21 13 23-0690)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0692		**Plainlock Plain End Piping System Couplings** *(23 21 13 23-0691)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0693	EA	1" Plainlock Plain End Piping System Coupling	93.86	5.05
		For Galvanized Fittings, Add	*17.25*	
23 21 13 23-0694	EA	1-1/2" Plainlock Plain End Piping System Coupling	96.80	6.99
		For Galvanized Fittings, Add	*17.25*	
23 21 13 23-0695	EA	2" Plainlock Plain End Piping System Coupling	100.22	9.27
		For Galvanized Fittings, Add	*17.25*	
23 21 13 23-0696	EA	2-1/2" Plainlock Plain End Piping System Coupling	103.12	11.20
		For Galvanized Fittings, Add	*17.25*	
23 21 13 23-0697	EA	3" Plainlock Plain End Piping System Coupling	122.03	13.48
		For Galvanized Fittings, Add	*20.36*	
23 21 13 23-0698	EA	4" Plainlock Plain End Piping System Coupling	168.02	17.95
		For Galvanized Fittings, Add	*28.21*	
23 21 13 23-0699	EA	6" Plainlock Plain End Piping System Coupling	282.00	29.23
		For Galvanized Fittings, Add	*47.64*	
23 21 13 23-0700		**Roust-A-Bout Plain End Piping System Couplings** *(23 21 13 23-0691)* Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0701	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	113.56	6.99
		For Galvanized Fittings, Add	*25.76*	
23 21 13 23-0702	EA	2" Roust-A-Bout Plain End Piping System Coupling	116.98	9.27
		For Galvanized Fittings, Add	*25.76*	
23 21 13 23-0703	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	119.89	11.28
		For Galvanized Fittings, Add	*25.76*	
23 21 13 23-0704	EA	3" Roust-A-Bout Plain End Piping System Coupling	172.83	13.48
		For Galvanized Fittings, Add	*38.16*	
23 21 13 23-0705	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	200.22	15.75
		For Galvanized Fittings, Add	*44.16*	
23 21 13 23-0706	EA	4" Roust-A-Bout Plain End Piping System Coupling	203.56	17.95
		For Galvanized Fittings, Add	*44.16*	
23 21 13 23-0707	EA	5" Roust-A-Bout Plain End Piping System Coupling	286.05	22.48
		For Galvanized Fittings, Add	*63.08*	
23 21 13 23-0708	EA	6" Roust-A-Bout Plain End Piping System Coupling	351.99	29.23
		For Galvanized Fittings, Add	*77.05*	
23 21 13 23-0709	EA	8" Roust-A-Bout Plain End Piping System Coupling	598.75	34.87
		For Galvanized Fittings, Add	*136.62*	
23 21 13 23-0710	EA	10" Roust-A-Bout Plain End Piping System Coupling	772.89	41.27
		For Galvanized Fittings, Add	*177.74*	
23 21 13 23-0711	EA	12" Roust-A-Bout Plain End Piping System Coupling	965.38	48.85
		For Galvanized Fittings, Add	*223.03*	
23 21 13 23-0712	EA	14" Roust-A-Bout Plain End Piping System Coupling	1,347.77	53.99
		For Galvanized Fittings, Add	*316.70*	
23 21 13 23-0713	EA	16" Roust-A-Bout Plain End Piping System Coupling	1,826.32	61.06
		For Galvanized Fittings, Add	*433.69*	
23 21 13 23-0714		**Plain End Piping System Fittings** *(23 21 13 23-0690)* Note: Cast ductile iron bodies.		
23 21 13 23-0715		**Plain End Piping System, 90 Degree Elbows** *(23 21 13 23-0714)*		
23 21 13 23-0716	EA	1" Plain End Piping System, 90 Degree Elbow	95.20	9.18
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0717	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	102.29	13.90
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0718	EA	2" Plain End Piping System, 90 Degree Elbow	108.97	18.36
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0719	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	114.98	22.40
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0720	EA	3" Plain End Piping System, 90 Degree Elbow	138.47	27.12
		For Galvanized Fittings, Add	*19.56*	
23 21 13 23-0721	EA	4" Plain End Piping System, 90 Degree Elbow	196.24	35.71
		For Galvanized Fittings, Add	*28.53*	
23 21 13 23-0722	EA	5" Plain End Piping System, 90 Degree Elbow	560.85	44.73
		For Galvanized Fittings, Add	*98.76*	
23 21 13 23-0723	EA	6" Plain End Piping System, 90 Degree Elbow	480.39	58.54
		For Galvanized Fittings, Add	*78.53*	
23 21 13 23-0724	EA	8" Plain End Piping System, 90 Degree Elbow	933.55	69.49
		For Galvanized Fittings, Add	*165.86*	
23 21 13 23-0725	EA	10" Plain End Piping System, 90 Degree Elbow	1,164.02	81.20
		For Galvanized Fittings, Add	*208.46*	
23 21 13 23-0726	EA	12" Plain End Piping System, 90 Degree Elbow	1,473.32	97.54
		For Galvanized Fittings, Add	*265.42*	
23 21 13 23-0727		**Plain End Piping System, 45 Degree Elbows** *(23 21 13 23-0714)*		
23 21 13 23-0728	EA	1" Plain End Piping System, 45 Degree Elbow	95.20	9.18
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0729	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	102.29	13.90
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0730	EA	2" Plain End Piping System, 45 Degree Elbow	108.97	18.36
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0731	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	114.98	22.40
		For Galvanized Fittings, Add	*16.29*	
23 21 13 23-0732	EA	3" Plain End Piping System, 45 Degree Elbow	138.47	27.12
		For Galvanized Fittings, Add	*19.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0733	EA	4" Plain End Piping System, 45 Degree Elbow	196.24	35.71
		For Galvanized Fittings, Add	*28.53*	
23 21 13 23-0734	EA	5" Plain End Piping System, 45 Degree Elbow	560.85	44.73
		For Galvanized Fittings, Add	*98.76*	
23 21 13 23-0735	EA	6" Plain End Piping System, 45 Degree Elbow	481.90	58.54
		For Galvanized Fittings, Add	*78.83*	
23 21 13 23-0736	EA	8" Plain End Piping System, 45 Degree Elbow	559.92	69.49
		For Galvanized Fittings, Add	*91.13*	
23 21 13 23-0737	EA	10" Plain End Piping System, 45 Degree Elbow	757.64	81.20
		For Galvanized Fittings, Add	*127.18*	
23 21 13 23-0738	EA	12" Plain End Piping System, 45 Degree Elbow	967.75	97.54
		For Galvanized Fittings, Add	*164.30*	

23 21 13 23-0739 Plain End Piping System, Tees *(23 21 13 23-0714)*

23 21 13 23-0740	EA	1" Plain End Piping System, Tee	130.52	13.90
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-0741	EA	1-1/2" Plain End Piping System, Tee	140.96	20.88
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-0742	EA	2" Plain End Piping System, Tee	150.17	27.03
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-0743	EA	2-1/2" Plain End Piping System, Tee	159.33	33.10
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-0744	EA	3" Plain End Piping System, Tee	218.86	40.68
		For Galvanized Fittings, Add	*31.57*	
23 21 13 23-0745	EA	4" Plain End Piping System, Tee	298.37	52.65
		For Galvanized Fittings, Add	*43.90*	
23 21 13 23-0746	EA	5" Plain End Piping System, Tee	585.39	68.81
		For Galvanized Fittings, Add	*96.43*	
23 21 13 23-0747	EA	6" Plain End Piping System, Tee	724.27	86.16
		For Galvanized Fittings, Add	*119.02*	
23 21 13 23-0748	EA	8" Plain End Piping System, Tee	981.69	104.78
		For Galvanized Fittings, Add	*164.91*	
23 21 13 23-0749	EA	10" Plain End Piping System, Tee	1,442.26	122.13
		For Galvanized Fittings, Add	*251.83*	
23 21 13 23-0750	EA	12" Plain End Piping System, Tee	1,922.71	146.31
		For Galvanized Fittings, Add	*340.67*	

23 21 13 23-0751 Plain End Piping System, Reducing Tees *(23 21 13 23-0714)*

23 21 13 23-0752	EA	1-1/2" Plain End Piping System, Reducing Tee	250.35	22.40
		For Galvanized Fittings, Add	*43.36*	
23 21 13 23-0753	EA	2" Plain End Piping System, Reducing Tee	257.28	27.03
		For Galvanized Fittings, Add	*43.36*	
23 21 13 23-0754	EA	2-1/2" Plain End Piping System, Reducing Tee	266.44	33.10
		For Galvanized Fittings, Add	*43.36*	
23 21 13 23-0755	EA	3" Plain End Piping System, Reducing Tee	277.81	40.68
		For Galvanized Fittings, Add	*43.36*	
23 21 13 23-0756	EA	4" Plain End Piping System, Reducing Tee	398.91	52.65
		For Galvanized Fittings, Add	*64.01*	
23 21 13 23-0757	EA	6" Plain End Piping System, Reducing Tee	672.65	86.16
		For Galvanized Fittings, Add	*108.69*	
23 21 13 23-0758	EA	8" Plain End Piping System, Reducing Tee	872.85	104.78
		For Galvanized Fittings, Add	*143.14*	
23 21 13 23-0759	EA	10" Plain End Piping System, Reducing Tee	1,286.47	122.13
		For Galvanized Fittings, Add	*220.67*	
23 21 13 23-0760	EA	12" Plain End Piping System, Reducing Tee	1,878.13	146.31
		For Galvanized Fittings, Add	*331.76*	

23 21 13 23-0761 Plain End Piping System, Wyes *(23 21 13 23-0714)*

23 21 13 23-0762	EA	2" Plain End Piping System, Wye	361.74	27.03
		For Galvanized Fittings, Add	*64.25*	
23 21 13 23-0763	EA	2-1/2" Plain End Piping System, Wye	370.90	33.10
		For Galvanized Fittings, Add	*64.25*	
23 21 13 23-0764	EA	3" Plain End Piping System, Wye	422.13	40.68
		For Galvanized Fittings, Add	*72.22*	
23 21 13 23-0765	EA	4" Plain End Piping System, Wye	614.85	52.65
		For Galvanized Fittings, Add	*107.20*	
23 21 13 23-0766	EA	5" Plain End Piping System, Wye	755.44	68.81
		For Galvanized Fittings, Add	*130.44*	
23 21 13 23-0767	EA	6" Plain End Piping System, Wye	1,027.33	86.16
		For Galvanized Fittings, Add	*179.63*	
23 21 13 23-0768	EA	8" Plain End Piping System, Wye	1,320.30	104.78
		For Galvanized Fittings, Add	*232.63*	
23 21 13 23-0769	EA	10" Plain End Piping System, Wye	1,898.31	122.13
		For Galvanized Fittings, Add	*343.04*	
23 21 13 23-0770	EA	12" Plain End Piping System, Wye	2,863.49	146.31
		For Galvanized Fittings, Add	*528.83*	

23 21 13 23-0771 Plain End Piping System, Laterals *(23 21 13 23-0714)*

23 21 13 23-0772	EA	2" Plain End Piping System, Lateral	384.46	27.03
		For Galvanized Fittings, Add	*68.79*	
23 21 13 23-0773	EA	2-1/2" Plain End Piping System, Lateral	393.62	33.10
		For Galvanized Fittings, Add	*68.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0774	EA	3" Plain End Piping System, Lateral	444.69	40.68
		For Galvanized Fittings, Add	*76.73*	
23 21 13 23-0775	EA	4" Plain End Piping System, Lateral	657.95	52.65
		For Galvanized Fittings, Add	*115.82*	
23 21 13 23-0776	EA	5" Plain End Piping System, Lateral	858.10	68.81
		For Galvanized Fittings, Add	*150.98*	
23 21 13 23-0777	EA	6" Plain End Piping System, Lateral	1,093.37	86.16
		For Galvanized Fittings, Add	*192.84*	
23 21 13 23-0778	EA	8" Plain End Piping System, Lateral	1,562.89	104.78
		For Galvanized Fittings, Add	*281.15*	
23 21 13 23-0779	EA	10" Plain End Piping System, Lateral	2,167.47	122.13
		For Galvanized Fittings, Add	*396.87*	
23 21 13 23-0780	EA	12" Plain End Piping System, Lateral	2,903.49	146.31
		For Galvanized Fittings, Add	*536.83*	

23 21 13 23-0781 Plain End Piping System, Crosses *(23 21 13 23-0714)*

23 21 13 23-0782	EA	2" Plain End Piping System, Cross	434.16	40.51
		For Galvanized Fittings, Add	*46.69*	
23 21 13 23-0783	EA	2-1/2" Plain End Piping System, Cross	447.89	49.61
		For Galvanized Fittings, Add	*46.69*	
23 21 13 23-0784	EA	3" Plain End Piping System, Cross	524.74	61.06
		For Galvanized Fittings, Add	*54.15*	
23 21 13 23-0785	EA	4" Plain End Piping System, Cross	713.38	78.93
		For Galvanized Fittings, Add	*74.39*	
23 21 13 23-0786	EA	5" Plain End Piping System, Cross	1,000.05	103.26
		For Galvanized Fittings, Add	*105.65*	
23 21 13 23-0787	EA	6" Plain End Piping System, Cross	1,309.24	128.87
		For Galvanized Fittings, Add	*139.51*	
23 21 13 23-0788	EA	8" Plain End Piping System, Cross	1,665.75	156.08
		For Galvanized Fittings, Add	*178.97*	
23 21 13 23-0789	EA	10" Plain End Piping System, Cross	2,362.53	182.44
		For Galvanized Fittings, Add	*261.13*	
23 21 13 23-0790	EA	12" Plain End Piping System, Cross	3,341.28	219.50
		For Galvanized Fittings, Add	*376.53*	

23 21 13 23-0791 Plain End Piping System, Adapter Nipples *(23 21 13 23-0714)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0792	EA	1" Plain End Piping System, Adapter Nipple	19.94	5.05
		For Galvanized Fittings, Add	*3.09*	
23 21 13 23-0793	EA	1-1/2" Plain End Piping System, Adapter Nipple	23.23	6.99
		For Galvanized Fittings, Add	*3.18*	
23 21 13 23-0794	EA	2" Plain End Piping System, Adapter Nipple	26.55	9.27
		For Galvanized Fittings, Add	*3.18*	
23 21 13 23-0795	EA	2-1/2" Plain End Piping System, Adapter Nipple	31.73	11.20
		For Galvanized Fittings, Add	*3.72*	
23 21 13 23-0796	EA	3" Plain End Piping System, Adapter Nipple	38.61	13.48
		For Galvanized Fittings, Add	*4.60*	
23 21 13 23-0797	EA	4" Plain End Piping System, Adapter Nipple	57.70	17.95
		For Galvanized Fittings, Add	*7.69*	
23 21 13 23-0798	EA	6" Plain End Piping System, Adapter Nipple	116.85	22.48
		For Galvanized Fittings, Add	*20.79*	

23 21 13 23-0799 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0714)*

23 21 13 23-0800	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	59.65	12.05
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0801	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	63.03	14.32
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0802	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	66.43	16.60
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0803	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	65.60	16.08
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0804	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	68.93	18.28
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0805	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	72.28	20.47
		For Galvanized Fittings, Add	*10.39*	
23 21 13 23-0806	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	78.34	18.53
		For Galvanized Fittings, Add	*12.65*	
23 21 13 23-0807	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	81.33	20.47
		For Galvanized Fittings, Add	*12.65*	
23 21 13 23-0808	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	73.04	22.75
		For Galvanized Fittings, Add	*9.73*	
23 21 13 23-0809	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	79.56	27.12
		For Galvanized Fittings, Add	*9.73*	
23 21 13 23-0810	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	90.31	29.23
		For Galvanized Fittings, Add	*11.63*	
23 21 13 23-0811	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	105.66	23.00
		For Galvanized Fittings, Add	*17.79*	
23 21 13 23-0812	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	108.61	25.02
		For Galvanized Fittings, Add	*17.79*	
23 21 13 23-0813	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	94.76	27.30
		For Galvanized Fittings, Add	*13.47*	
23 21 13 23-0814	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	97.65	29.23
		For Galvanized Fittings, Add	*13.47*	
23 21 13 23-0815	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	101.08	31.50
		For Galvanized Fittings, Add	*13.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0816	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	104.36	33.70
		For Galvanized Fittings, Add	*13.47*	
23 21 13 23-0817	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	245.75	31.75
		For Galvanized Fittings, Add	*49.53*	
23 21 13 23-0818	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	206.76	35.88
		For Galvanized Fittings, Add	*38.23*	
23 21 13 23-0819	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	186.51	40.51
		For Galvanized Fittings, Add	*31.46*	
23 21 13 23-0820	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	428.82	34.28
		For Galvanized Fittings, Add	*94.37*	
23 21 13 23-0821	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	431.73	36.22
		For Galvanized Fittings, Add	*94.37*	
23 21 13 23-0822	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	336.87	38.50
		For Galvanized Fittings, Add	*69.80*	
23 21 13 23-0823	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	339.86	40.51
		For Galvanized Fittings, Add	*69.80*	
23 21 13 23-0824	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	244.93	42.70
		For Galvanized Fittings, Add	*45.23*	
23 21 13 23-0825	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	247.99	44.73
		For Galvanized Fittings, Add	*45.23*	
23 21 13 23-0826	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	207.88	47.17
		For Galvanized Fittings, Add	*34.31*	
23 21 13 23-0827	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	234.75	51.63
		For Galvanized Fittings, Add	*39.33*	
23 21 13 23-0828	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	290.56	48.26
		For Galvanized Fittings, Add	*54.55*	
23 21 13 23-0829	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	297.37	52.81
		For Galvanized Fittings, Add	*54.55*	
23 21 13 23-0830	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	334.19	57.36
		For Galvanized Fittings, Add	*62.06*	
23 21 13 23-0831	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	374.41	64.10
		For Galvanized Fittings, Add	*69.56*	

23 21 13 23-0832 Plain End Piping System, Bull Plugs *(23 21 13 23-0714)*

23 21 13 23-0833	EA	1" Plain End Piping System, Bull Plug	184.66	5.05
		For Galvanized Fittings, Add	*53.12*	
23 21 13 23-0834	EA	1-1/2" Plain End Piping System, Bull Plug	187.61	6.99
		For Galvanized Fittings, Add	*53.12*	
23 21 13 23-0835	EA	2" Plain End Piping System, Bull Plug	190.93	9.27
		For Galvanized Fittings, Add	*53.12*	
23 21 13 23-0836	EA	2-1/2" Plain End Piping System, Bull Plug	193.93	11.20
		For Galvanized Fittings, Add	*53.12*	
23 21 13 23-0837	EA	3" Plain End Piping System, Bull Plug	279.79	13.48
		For Galvanized Fittings, Add	*77.87*	
23 21 13 23-0838	EA	4" Plain End Piping System, Bull Plug	362.23	17.95
		For Galvanized Fittings, Add	*100.58*	
23 21 13 23-0839	EA	5" Plain End Piping System, Bull Plug	626.21	22.48
		For Galvanized Fittings, Add	*177.76*	
23 21 13 23-0840	EA	6" Plain End Piping System, Bull Plug	834.07	29.23
		For Galvanized Fittings, Add	*237.08*	
23 21 13 23-0841	EA	8" Plain End Piping System, Bull Plug	1,537.97	34.78
		For Galvanized Fittings, Add	*445.73*	
23 21 13 23-0842	EA	10" Plain End Piping System, Bull Plug	2,758.16	40.68
		For Galvanized Fittings, Add	*809.14*	
23 21 13 23-0843	EA	12" Plain End Piping System, Bull Plug	4,220.96	48.85
		For Galvanized Fittings, Add	*1,244.31*	

23 21 13 23-0844 Carbon Steel Piping Systems *(23 21 13 23)*

23 21 13 23-0845 Class 3,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0844)*

Note: ASTM A105

23 21 13 23-0846 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0845)*

23 21 13 23-0847	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	30.06	16.68
23 21 13 23-0848	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	33.77	18.62
23 21 13 23-0849	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	41.95	20.80
23 21 13 23-0850	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	55.36	23.58
23 21 13 23-0851	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	63.15	26.53
23 21 13 23-0852	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	84.83	33.78
23 21 13 23-0853	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	161.77	49.95
23 21 13 23-0854	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	228.22	65.70
23 21 13 23-0855	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	378.78	68.94

23 21 13 23-0856 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0845)*

23 21 13 23-0857	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	32.31	16.68
23 21 13 23-0858	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	37.17	18.62
23 21 13 23-0859	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	42.99	20.80
23 21 13 23-0860	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	56.69	23.58
23 21 13 23-0861	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	66.32	26.53
23 21 13 23-0862	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	84.76	33.78
23 21 13 23-0863	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	181.18	49.95
23 21 13 23-0864	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	244.65	65.70
23 21 13 23-0865	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	371.67	68.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0866		**Straight Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0867	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	37.00	20.80
23 21 13 23-0868	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	44.36	24.00
23 21 13 23-0869	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	57.35	28.38
23 21 13 23-0870	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	74.73	33.78
23 21 13 23-0871	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	90.32	40.26
23 21 13 23-0872	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	118.34	49.95
23 21 13 23-0873	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	203.16	65.70
23 21 13 23-0874	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	274.11	78.00
23 21 13 23-0875	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	499.67	87.05
23 21 13 23-0876		**Reducing Tees, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0877	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	37.61	20.80
23 21 13 23-0878	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	45.00	24.00
23 21 13 23-0879	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	58.11	28.38
23 21 13 23-0880	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	76.53	33.78
23 21 13 23-0881	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	92.44	40.26
23 21 13 23-0882	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	121.59	49.95
23 21 13 23-0883	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	210.88	65.70
23 21 13 23-0884	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	285.22	78.00
23 21 13 23-0885	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	460.12	87.05
23 21 13 23-0886		**Straight Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0887	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	27.29	16.68
23 21 13 23-0888	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	30.70	18.62
23 21 13 23-0889	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	35.43	20.80
23 21 13 23-0890	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	40.66	23.58
23 21 13 23-0891	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	47.01	26.53
23 21 13 23-0892	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	61.07	33.78
23 21 13 23-0893	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB	101.24	49.95
23 21 13 23-0894	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	134.88	65.70
23 21 13 23-0895	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	175.87	68.94
23 21 13 23-0896		**Reducing Couplings, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0897	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	28.54	16.68
23 21 13 23-0898	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	32.08	18.62
23 21 13 23-0899	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	37.63	20.80
23 21 13 23-0900	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	43.32	23.58
23 21 13 23-0901	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	50.95	26.53
23 21 13 23-0902	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	65.29	33.78
23 21 13 23-0903	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	110.53	49.95
23 21 13 23-0904	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	153.57	65.70
23 21 13 23-0905	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	214.72	68.94
23 21 13 23-0906		**Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0907	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	15.38	7.83
23 21 13 23-0908	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	17.31	8.34
23 21 13 23-0909	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB	20.24	9.60
23 21 13 23-0910	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	23.22	10.45
23 21 13 23-0911	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	26.02	10.45
23 21 13 23-0912	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB	33.72	13.40
23 21 13 23-0913	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	56.97	16.68
23 21 13 23-0914	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB	80.62	20.13
23 21 13 23-0915	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB	114.06	23.59
23 21 13 23-0916		**Black Cast Iron Square Head Plug** *(23 21 13 23-0845)*		
23 21 13 23-0917	EA	1/2" Square Head Plug, Black, Cast Iron	10.74	6.65
23 21 13 23-0918	EA	3/4" Square Head Plug, Black, Cast Iron	11.93	6.65
23 21 13 23-0919	EA	1" Square Head Plug, Black, Cast Iron	17.32	10.10
23 21 13 23-0920	EA	1-1/4" Square Head Plug, Black, Cast Iron	17.56	10.10
23 21 13 23-0921	EA	1-1/2" Square Head Plug, Black, Cast Iron	18.55	10.10
23 21 13 23-0922	EA	2" Square Head Plug, Black, Cast Iron	24.60	13.40
23 21 13 23-0923	EA	2-1/2" Square Head Plug, Black, Cast Iron	31.45	16.68
23 21 13 23-0924	EA	3" Square Head Plug, Black, Cast Iron	40.60	20.13
23 21 13 23-0925	EA	4" Square Head Plug, Black, Cast Iron	47.65	23.59
23 21 13 23-0926		**Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0845)*		
23 21 13 23-0927	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	44.26	20.80
23 21 13 23-0928	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB	49.39	24.00
23 21 13 23-0929	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB	62.13	28.38
23 21 13 23-0930	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB	77.61	33.78
23 21 13 23-0931	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	93.37	40.26
23 21 13 23-0932	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB	116.56	49.95
23 21 13 23-0933	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	188.13	54.25
23 21 13 23-0934	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB	249.82	65.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0935		**Class 6,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-0844)* Note: ASTM A105		
23 21 13 23-0936		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0937	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	32.77	16.68
23 21 13 23-0938	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	36.87	18.62
23 21 13 23-0939	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	47.66	20.80
23 21 13 23-0940	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	66.00	23.58
23 21 13 23-0941	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	75.53	26.53
23 21 13 23-0942	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	103.02	33.78
23 21 13 23-0943	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	207.92	49.95
23 21 13 23-0944	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	297.11	65.70
23 21 13 23-0945	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	525.07	68.94
23 21 13 23-0946		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0947	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	36.47	16.68
23 21 13 23-0948	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	42.40	18.62
23 21 13 23-0949	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	49.67	20.80
23 21 13 23-0950	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	68.78	23.58
23 21 13 23-0951	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	81.32	26.53
23 21 13 23-0952	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	104.12	33.78
23 21 13 23-0953	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	241.38	49.95
23 21 13 23-0954	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	327.39	65.70
23 21 13 23-0955	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	523.61	68.94
23 21 13 23-0956		**Straight Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0957	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	42.36	20.80
23 21 13 23-0958	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	52.12	24.00
23 21 13 23-0959	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	71.07	28.38
23 21 13 23-0960	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	97.10	33.78
23 21 13 23-0961	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	118.06	40.26
23 21 13 23-0962	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	158.60	49.95
23 21 13 23-0963	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	300.08	65.70
23 21 13 23-0964	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	419.64	78.00
23 21 13 23-0965	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	841.58	87.05
23 21 13 23-0966		**Reducing Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0967	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	37.61	20.80
23 21 13 23-0968	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	45.00	24.00
23 21 13 23-0969	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	58.11	28.38
23 21 13 23-0970	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	76.53	33.78
23 21 13 23-0971	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	92.44	40.26
23 21 13 23-0972	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	121.59	49.95
23 21 13 23-0973	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	210.88	65.70
23 21 13 23-0974	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	285.22	78.00
23 21 13 23-0975	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	460.12	87.05
23 21 13 23-0976		**Straight Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0977	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	28.42	16.68
23 21 13 23-0978	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	32.03	18.62
23 21 13 23-0979	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	37.48	20.80
23 21 13 23-0980	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	43.24	23.58
23 21 13 23-0981	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	50.48	26.53
23 21 13 23-0982	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	66.14	33.78
23 21 13 23-0983	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	114.00	49.95
23 21 13 23-0984	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	152.47	65.70
23 21 13 23-0985	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	210.96	68.94
23 21 13 23-0986		**Reducing Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0987	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	30.27	16.68
23 21 13 23-0988	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	34.06	18.62
23 21 13 23-0989	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	40.72	20.80
23 21 13 23-0990	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	47.15	23.58
23 21 13 23-0991	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	56.29	26.53
23 21 13 23-0992	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	72.34	33.78
23 21 13 23-0993	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	127.65	49.95
23 21 13 23-0994	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	179.99	65.70
23 21 13 23-0995	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	268.19	68.94
23 21 13 23-0996		**Caps, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-0997	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	17.86	7.83
23 21 13 23-0998	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	20.55	8.34
23 21 13 23-0999	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB	24.16	9.60
23 21 13 23-1000	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	28.34	10.45
23 21 13 23-1001	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	33.01	10.45
23 21 13 23-1002	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB	42.84	13.40
23 21 13 23-1003	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	78.45	16.68
23 21 13 23-1004	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB	114.46	20.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1005	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB	166.82	23.59
23 21 13 23-1006		**Black Cast Iron Square Head Plug** *(23 21 13 23-0935)*		
23 21 13 23-1007	EA	1/2" Square Head Plug, Black Cast Iron	10.74	6.65
23 21 13 23-1008	EA	3/4" Square Head Plug, Black Cast Iron	11.94	6.65
23 21 13 23-1009	EA	1" Square Head Plug, Black Cast Iron	17.33	10.10
23 21 13 23-1010	EA	1-1/4" Square Head Plug, Black Cast Iron	17.57	10.10
23 21 13 23-1011	EA	1-1/2" Square Head Plug, Black Cast Iron	18.56	10.10
23 21 13 23-1012	EA	2" Square Head Plug, Black Cast Iron	24.62	13.40
23 21 13 23-1013	EA	2-1/2" Square Head Plug, Black Cast Iron	31.48	16.68
23 21 13 23-1014	EA	3" Square Head Plug, Black Cast Iron	40.65	20.13
23 21 13 23-1015	EA	4" Square Head Plug, Black Cast Iron	47.71	23.59
23 21 13 23-1016		**Unions, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0935)*		
23 21 13 23-1017	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	52.24	20.80
23 21 13 23-1018	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB	57.59	24.00
23 21 13 23-1019	EA	1" Union, Carbon Steel, Socket Weld, 6,000 LB	74.10	28.38
23 21 13 23-1020	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB	94.14	33.78
23 21 13 23-1021	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	113.54	40.26
23 21 13 23-1022	EA	2" Union, Carbon Steel, Socket Weld, 6,000 LB	142.06	49.95
23 21 13 23-1023	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	253.41	54.25
23 21 13 23-1024	EA	3" Union, Carbon Steel, Socket Weld, 6,000 LB	342.35	65.70
23 21 13 23-1025		**Carbon Steel Piping System** *(23 21 13 23-0844)*		
		Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1026		**Schedule 40 Carbon Steel Piping** *(23 21 13 23-1025)*		
		Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1027	LF	1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	6.06	3.12
		For Schedule 80, Add	*0.50*	
23 21 13 23-1028	LF	1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	6.36	3.37
		For Schedule 80, Add	*0.45*	
		For Schedule 160, Add	*1.89*	
23 21 13 23-1029	LF	3/4" ASTM A106 Carbon Steel Pipe, Schedule 40	6.97	3.62
		For Schedule 80, Add	*0.55*	
		For Schedule 160, Add	*2.31*	
23 21 13 23-1030	LF	1" ASTM A106 Carbon Steel Pipe, Schedule 40	7.48	3.96
		For Schedule 80, Add	*0.57*	
		For Schedule 160, Add	*2.39*	
23 21 13 23-1031	LF	1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	9.67	4.88
		For Schedule 80, Add	*0.84*	
		For Schedule 160, Add	*3.51*	
23 21 13 23-1032	LF	2" ASTM A106 Carbon Steel Pipe, Schedule 40	11.95	5.90
		For Schedule 80, Add	*1.11*	
		For Schedule 160, Add	*4.62*	
23 21 13 23-1033		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1034	EA	1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	22.40	12.80
23 21 13 23-1035	EA	1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	26.87	15.00
23 21 13 23-1036	EA	3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	30.04	16.76
23 21 13 23-1037	EA	1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	34.25	18.70
23 21 13 23-1038	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	51.78	23.92
23 21 13 23-1039	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	65.65	30.41
23 21 13 23-1040	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	23.42	12.80
23 21 13 23-1041	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	27.26	15.00
23 21 13 23-1042	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	31.31	16.76
23 21 13 23-1043	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	37.01	18.70
23 21 13 23-1044	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	58.37	23.92
23 21 13 23-1045	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	72.93	30.41
23 21 13 23-1046	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	30.84	15.00
23 21 13 23-1047	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	35.82	16.76
23 21 13 23-1048	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	41.75	18.70
23 21 13 23-1049	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	71.69	23.92
23 21 13 23-1050	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	108.25	30.41
23 21 13 23-1051		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1052	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	24.61	12.80
23 21 13 23-1053	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	27.70	15.00
23 21 13 23-1054	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	31.11	16.76
23 21 13 23-1055	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	35.07	18.70
23 21 13 23-1056	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	49.15	23.92
23 21 13 23-1057	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	69.71	30.41
23 21 13 23-1058	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	24.78	12.80
23 21 13 23-1059	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	28.64	15.00
23 21 13 23-1060	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	32.19	16.76
23 21 13 23-1061	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	37.88	18.70
23 21 13 23-1062	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	57.35	23.92
23 21 13 23-1063	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	75.20	30.41
23 21 13 23-1064	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	33.32	15.00
23 21 13 23-1065	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	40.28	16.76
23 21 13 23-1066	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	43.43	18.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1067	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	81.19	23.92
23 21 13 23-1068	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	108.88	30.41
23 21 13 23-1069		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1070	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	29.80	17.77
23 21 13 23-1071	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	33.80	18.70
23 21 13 23-1072	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	40.20	21.65
23 21 13 23-1073	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	48.95	25.52
23 21 13 23-1074	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	76.77	36.22
23 21 13 23-1075	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	95.18	44.98
23 21 13 23-1076	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	30.68	17.77
23 21 13 23-1077	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	34.37	18.70
23 21 13 23-1078	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	42.11	21.65
23 21 13 23-1079	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	50.59	25.52
23 21 13 23-1080	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	82.42	36.22
23 21 13 23-1081	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	104.53	44.98
23 21 13 23-1082	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	38.67	18.70
23 21 13 23-1083	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	46.72	21.65
23 21 13 23-1084	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	62.01	25.52
23 21 13 23-1085	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	95.39	36.22
23 21 13 23-1086	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	145.89	44.98
23 21 13 23-1087		**Crosses, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1088	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	43.68	22.48
23 21 13 23-1089	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	51.18	25.27
23 21 13 23-1090	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	54.91	26.95
23 21 13 23-1091	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	67.65	32.51
23 21 13 23-1092	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	113.69	45.48
23 21 13 23-1093	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	145.83	56.18
23 21 13 23-1094	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	52.25	25.27
23 21 13 23-1095	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	61.09	26.95
23 21 13 23-1096	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	73.05	32.51
23 21 13 23-1097	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	121.48	45.48
23 21 13 23-1098	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	160.07	56.18
23 21 13 23-1099	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	72.37	25.27
23 21 13 23-1100	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	116.00	26.95
23 21 13 23-1101	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	157.68	32.51
23 21 13 23-1102	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	247.32	45.48
23 21 13 23-1103	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	273.22	56.18
23 21 13 23-1104		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1105	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	21.15	12.80
23 21 13 23-1106	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	24.24	15.00
23 21 13 23-1107	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	27.60	16.76
23 21 13 23-1108	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	31.78	18.70
23 21 13 23-1109	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	45.14	23.92
23 21 13 23-1110	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	57.31	30.41
23 21 13 23-1111	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	23.73	12.80
23 21 13 23-1112	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	25.88	15.00
23 21 13 23-1113	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	28.85	16.76
23 21 13 23-1114	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	33.45	18.70
23 21 13 23-1115	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	47.70	23.92
23 21 13 23-1116	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	66.63	30.41
23 21 13 23-1117		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1118	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	21.51	13.65
23 21 13 23-1119	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	25.09	15.00
23 21 13 23-1120	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	28.89	16.76
23 21 13 23-1121	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	33.57	18.70
23 21 13 23-1122	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	45.61	23.92
23 21 13 23-1123	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	59.82	30.41
23 21 13 23-1124	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	58.11	15.00
23 21 13 23-1125	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	60.79	16.76
23 21 13 23-1126	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	70.76	18.70
23 21 13 23-1127	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	100.62	23.92
23 21 13 23-1128	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	143.08	30.41
23 21 13 23-1129		**Caps, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1130	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	6.20	3.12
23 21 13 23-1131	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	6.90	3.53
23 21 13 23-1132	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	8.32	4.05
23 21 13 23-1133	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	10.54	4.72
23 21 13 23-1134	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	14.06	5.65
23 21 13 23-1135	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	19.31	6.99
23 21 13 23-1136	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	9.29	3.12
23 21 13 23-1137	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	8.89	3.53
23 21 13 23-1138	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	11.55	4.05
23 21 13 23-1139	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	12.90	4.72
23 21 13 23-1140	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	23.68	5.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1141	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	28.67	6.99
23 21 13 23-1142		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1143	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	12.95	7.67
23 21 13 23-1144	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	13.21	8.00
23 21 13 23-1145	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	13.14	8.00
23 21 13 23-1146	EA	1" Nipple, 2" Long, Screwed Carbon Steel	14.53	8.68
23 21 13 23-1147	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	16.40	9.35
23 21 13 23-1148	EA	2" Nipple, 2" Long, Screwed Carbon Steel	19.90	12.05
23 21 13 23-1149	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	13.54	7.67
23 21 13 23-1150	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	13.68	8.00
23 21 13 23-1151	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	13.67	8.00
23 21 13 23-1152	EA	1" Nipple, 4" Long, Screwed Carbon Steel	15.24	8.68
23 21 13 23-1153	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	17.68	9.35
23 21 13 23-1154	EA	2" Nipple, 4" Long, Screwed Carbon Steel	21.77	12.05
23 21 13 23-1155	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	14.96	7.67
23 21 13 23-1156	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	14.43	8.00
23 21 13 23-1157	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	14.50	8.00
23 21 13 23-1158	EA	1" Nipple, 6" Long, Screwed Carbon Steel	16.27	8.68
23 21 13 23-1159	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	19.42	9.35
23 21 13 23-1160	EA	2" Nipple, 6" Long, Screwed Carbon Steel	23.31	12.05
23 21 13 23-1161		**Unions, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1162	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	27.36	18.62
23 21 13 23-1163	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	29.09	18.70
23 21 13 23-1164	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	33.44	21.65
23 21 13 23-1165	EA	1" Union, 3,000 LB, Screwed Carbon Steel	39.81	25.52
23 21 13 23-1166	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	56.89	36.22
23 21 13 23-1167	EA	2" Union, 3,000 LB, Screwed Carbon Steel	70.61	44.98
23 21 13 23-1168	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	41.06	18.62
23 21 13 23-1169	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	45.65	18.70
23 21 13 23-1170	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	53.49	21.65
23 21 13 23-1171	EA	1" Union, 6,000 LB, Screwed Carbon Steel	64.52	25.52
23 21 13 23-1172	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	107.43	36.22
23 21 13 23-1173	EA	2" Union, 6,000 LB, Screwed Carbon Steel	132.80	44.98
23 21 13 23-1174		**Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1175	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	59.48	34.78
23 21 13 23-1176	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	62.24	36.47
23 21 13 23-1177	EA	1" Flange, 150 LB, Screwed Carbon Steel	64.62	38.07
23 21 13 23-1178	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	72.07	42.88
23 21 13 23-1179	EA	2" Flange, 150 LB, Screwed Carbon Steel	74.88	44.73
23 21 13 23-1180	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	59.94	34.78
		For Ring Type Joint, Add	*7.75*	
		For Blind Flange, Deduct	*-22.43*	
23 21 13 23-1181	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	62.73	36.47
		For Ring Type Joint, Add	*8.01*	
		For Blind Flange, Deduct	*-23.49*	
23 21 13 23-1182	EA	1" Flange, 300 LB, Screwed Carbon Steel	65.36	38.07
		For Ring Type Joint, Add	*8.26*	
		For Blind Flange, Deduct	*-24.49*	
23 21 13 23-1183	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	73.85	42.88
		For Ring Type Joint, Add	*9.56*	
		For Blind Flange, Deduct	*-27.63*	
23 21 13 23-1184	EA	2" Flange, 300 LB, Screwed Carbon Steel	76.66	44.73
		For Ring Type Joint, Add	*9.56*	
		For Blind Flange, Deduct	*-28.75*	
23 21 13 23-1185	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	62.98	34.78
		For Ring Type Joint, Add	*10.79*	
		For Blind Flange, Deduct	*-23.03*	
23 21 13 23-1186	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	65.51	36.47
		For Ring Type Joint, Add	*10.79*	
		For Blind Flange, Deduct	*-24.05*	
23 21 13 23-1187	EA	1" Flange, 600 LB, Screwed Carbon Steel	68.39	38.07
		For Ring Type Joint, Add	*11.29*	
		For Blind Flange, Deduct	*-25.10*	
23 21 13 23-1188	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	77.59	42.88
		For Ring Type Joint, Add	*13.30*	
		For Blind Flange, Deduct	*-28.38*	
23 21 13 23-1189	EA	2" Flange, 600 LB, Screwed Carbon Steel	79.48	44.73
		For Ring Type Joint, Add	*12.38*	
		For Blind Flange, Deduct	*-29.32*	
23 21 13 23-1190		**Square Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1191	EA	1/4" Square Head Plug, Screwed Carbon Steel	4.21	2.36
23 21 13 23-1192	EA	1/2" Square Head Plug, Screwed Carbon Steel	5.04	2.78
23 21 13 23-1193	EA	3/4" Square Head Plug, Screwed Carbon Steel	5.83	3.20
23 21 13 23-1194	EA	1" Square Head Plug, Screwed Carbon Steel	8.49	4.72
23 21 13 23-1195	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	10.29	4.72
23 21 13 23-1196	EA	2" Square Head Plug, Screwed Carbon Steel	14.60	6.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1197		**Hex Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1198	EA	1/4" Hex Head Plug, Screwed Carbon Steel	4.03	2.36
23 21 13 23-1199	EA	1/2" Hex Head Plug, Screwed Carbon Steel	4.87	2.78
23 21 13 23-1200	EA	3/4" Hex Head Plug, Screwed Carbon Steel	5.72	3.20
23 21 13 23-1201	EA	1" Hex Head Plug, Screwed Carbon Steel	8.39	4.72
23 21 13 23-1202	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	9.89	4.72
23 21 13 23-1203	EA	2" Hex Head Plug, Screwed Carbon Steel	14.89	6.15
23 21 13 23-1204		**Round Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1205	EA	1/4" Round Head Plug, Screwed Carbon Steel	4.61	2.36
23 21 13 23-1206	EA	1/2" Round Head Plug, Screwed Carbon Steel	5.06	2.78
23 21 13 23-1207	EA	3/4" Round Head Plug, Screwed Carbon Steel	5.75	3.20
23 21 13 23-1208	EA	1" Round Head Plug, Screwed Carbon Steel	8.55	4.72
23 21 13 23-1209	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	10.78	4.72
23 21 13 23-1210	EA	2" Round Head Plug, Screwed Carbon Steel	14.78	6.15
23 21 13 23-1211		**Hexagon Bushings, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1212	EA	1/4" Hex Bushing, Screwed Carbon Steel	4.16	2.36
23 21 13 23-1213	EA	1/2" Hex Bushing, Screwed Carbon Steel	4.86	2.78
23 21 13 23-1214	EA	3/4" Hex Bushing, Screwed Carbon Steel	5.67	3.20
23 21 13 23-1215	EA	1" Hex Bushing, Screwed Carbon Steel	8.52	4.72
23 21 13 23-1216	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	9.86	4.72
23 21 13 23-1217	EA	2" Hex Bushing, Screwed Carbon Steel	14.47	6.15
23 21 13 23-1218		**90 Degree Street Elbows, Screwed Carbon Steel** *(23 21 13 23-1025)*		
23 21 13 23-1219	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	25.67	12.80
23 21 13 23-1220	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	29.45	15.00
23 21 13 23-1221	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	34.12	16.76
23 21 13 23-1222	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	39.57	18.70
23 21 13 23-1223	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	60.43	23.92
23 21 13 23-1224	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	80.65	30.41
23 21 13 23-1225	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	38.81	15.00
23 21 13 23-1226	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	53.16	16.76
23 21 13 23-1227	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	71.42	18.70
23 21 13 23-1228	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	148.04	23.92
23 21 13 23-1229		**Screwed Carbon Steel Laterals** *(23 21 13 23-1025)*		
23 21 13 23-1230	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	92.56	18.70
23 21 13 23-1231	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	110.89	21.65
23 21 13 23-1232	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	135.29	25.52
23 21 13 23-1233	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	175.45	36.22
23 21 13 23-1234	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	218.77	44.98
23 21 13 23-1235	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	114.42	18.70
23 21 13 23-1236	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	143.41	21.65
23 21 13 23-1237	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	170.06	25.52
23 21 13 23-1238	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	239.37	36.22
23 21 13 23-1239		**Grooved-Joint Pipe** *(23 21 13 23)* Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1240		**Schedule 10 Black Grooved Pipe** *(23 21 13 23-1239)*		
23 21 13 23-1241	LF	2" Black Schedule 10 Grooved Pipe	19.61	10.70
23 21 13 23-1242	LF	2-1/2" Black Schedule 10 Grooved Pipe	26.68	14.65
23 21 13 23-1243	LF	3" Black Schedule 10 Grooved Pipe	29.79	16.25
23 21 13 23-1244	LF	3-1/2" Black Schedule 10 Grooved Pipe	32.22	16.85
23 21 13 23-1245	LF	4" Black Schedule 10 Grooved Pipe	34.49	18.28
23 21 13 23-1246	LF	5" Black Schedule 10 Grooved Pipe	46.03	22.40
23 21 13 23-1247	LF	6" Black Schedule 10 Grooved Pipe	61.66	31.83
23 21 13 23-1248	LF	8" Black Schedule 10 Grooved Pipe	78.17	35.71
23 21 13 23-1249	LF	10" Black Schedule 10 Grooved Pipe	96.66	43.05
23 21 13 23-1250	LF	12" Black Schedule 10 Grooved Pipe	110.83	48.77
23 21 13 23-1251		**Schedule 40 Black Grooved Pipe** *(23 21 13 23-1239)*		
23 21 13 23-1252	LF	3/4" Black Schedule 40 Grooved Pipe	11.81	6.48
23 21 13 23-1253	LF	1" Black Schedule 40 Grooved Pipe	13.33	7.33
23 21 13 23-1254	LF	1-1/4" Black Schedule 40 Grooved Pipe	14.87	7.92
23 21 13 23-1255	LF	1-1/2" Black Schedule 40 Grooved Pipe	16.92	9.01
23 21 13 23-1256	LF	2" Black Schedule 40 Grooved Pipe	21.42	11.45
23 21 13 23-1257	LF	2-1/2" Black Schedule 40 Grooved Pipe	29.61	15.67
23 21 13 23-1258	LF	3" Black Schedule 40 Grooved Pipe	34.44	17.85
23 21 13 23-1259	LF	4" Black Schedule 40 Grooved Pipe	40.64	19.88
23 21 13 23-1260	LF	5" Black Schedule 40 Grooved Pipe	53.46	24.18
23 21 13 23-1261	LF	6" Black Schedule 40 Grooved Pipe	73.73	34.87
23 21 13 23-1262	LF	8" Black Schedule 40 Grooved Pipe	92.64	39.50
23 21 13 23-1263	LF	10" Black Schedule 40 Grooved Pipe	121.97	47.17
23 21 13 23-1264	LF	12" Black Schedule 40 Grooved Pipe	142.59	54.16
23 21 13 23-1265	LF	14" Black Schedule 40 Grooved Pipe	189.48	73.20
23 21 13 23-1266	LF	16" Black Schedule 40 Grooved Pipe	220.76	86.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1267	LF	18" Black Schedule 40 Grooved Pipe	272.23	104.53
23 21 13 23-1268	LF	20" Black Schedule 40 Grooved Pipe	315.02	121.88
23 21 13 23-1269	LF	24" Black Schedule 40 Grooved Pipe	401.61	146.31
23 21 13 23-1270		Schedule 80 Black Grooved Pipe *(23 21 13 23-1239)*		
23 21 13 23-1271	LF	3/4" Black Schedule 80 Grooved Pipe	12.93	7.08
23 21 13 23-1272	LF	1" Black Schedule 80 Grooved Pipe	14.10	7.50
23 21 13 23-1273	LF	1-1/4" Black Schedule 80 Grooved Pipe	16.17	8.34
23 21 13 23-1274	LF	1-1/2" Black Schedule 80 Grooved Pipe	18.31	9.35
23 21 13 23-1275	LF	2" Black Schedule 80 Grooved Pipe	23.66	12.05
23 21 13 23-1276	LF	2-1/2" Black Schedule 80 Grooved Pipe	32.98	16.60
23 21 13 23-1277	LF	3" Black Schedule 80 Grooved Pipe	38.45	18.62
23 21 13 23-1278	LF	4" Black Schedule 80 Grooved Pipe	45.90	20.30
23 21 13 23-1279	LF	5" Black Schedule 80 Grooved Pipe	65.81	25.52
23 21 13 23-1280	LF	6" Black Schedule 80 Grooved Pipe	88.25	36.55
23 21 13 23-1281	LF	8" Black Schedule 80 Grooved Pipe	121.95	41.78
23 21 13 23-1282	LF	10" Black Schedule 80 Grooved Pipe	150.54	50.45
23 21 13 23-1283	LF	12" Black Schedule 80 Grooved Pipe	164.69	60.98
23 21 13 23-1284		Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1239)*		
23 21 13 23-1285	LF	3/4" Galvanized Schedule 40 Grooved Pipe	12.58	6.48
23 21 13 23-1286	LF	1" Galvanized Schedule 40 Grooved Pipe	14.46	7.33
23 21 13 23-1287	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	16.01	7.92
23 21 13 23-1288	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	18.22	9.01
23 21 13 23-1289	LF	2" Galvanized Schedule 40 Grooved Pipe	23.08	11.45
23 21 13 23-1290	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	32.10	15.67
23 21 13 23-1291	LF	3" Galvanized Schedule 40 Grooved Pipe	37.68	17.85
23 21 13 23-1292	LF	4" Galvanized Schedule 40 Grooved Pipe	45.22	19.88
23 21 13 23-1293	LF	5" Galvanized Schedule 40 Grooved Pipe	61.35	24.18
23 21 13 23-1294	LF	6" Galvanized Schedule 40 Grooved Pipe	84.04	34.87
23 21 13 23-1295	LF	8" Galvanized Schedule 40 Grooved Pipe	107.68	39.50
23 21 13 23-1296	LF	10" Galvanized Schedule 40 Grooved Pipe	146.81	47.17
23 21 13 23-1297	LF	12" Galvanized Schedule 40 Grooved Pipe	172.51	54.16
23 21 13 23-1298		Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1239)*		
23 21 13 23-1299	LF	3/4" Galvanized Schedule 80 Grooved Pipe	13.59	7.08
23 21 13 23-1300	LF	1" Galvanized Schedule 80 Grooved Pipe	16.72	7.50
23 21 13 23-1301	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	17.34	8.34
23 21 13 23-1302	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	22.13	9.94
23 21 13 23-1303	LF	2" Galvanized Schedule 80 Grooved Pipe	25.49	12.05
23 21 13 23-1304	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	35.78	16.60
23 21 13 23-1305	LF	3" Galvanized Schedule 80 Grooved Pipe	42.28	18.62
23 21 13 23-1306	LF	4" Galvanized Schedule 80 Grooved Pipe	51.40	20.30
23 21 13 23-1307	LF	5" Galvanized Schedule 80 Grooved Pipe	74.44	25.52
23 21 13 23-1308	LF	6" Galvanized Schedule 80 Grooved Pipe	98.50	36.55
23 21 13 23-1309	LF	8" Galvanized Schedule 80 Grooved Pipe	139.75	41.78
23 21 13 23-1310	LF	10" Galvanized Schedule 80 Grooved Pipe	166.73	50.45
23 21 13 23-1311	LF	12" Galvanized Schedule 80 Grooved Pipe	186.26	60.98
23 21 13 23-1312		Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*		
		Note: Couplings are not included with fittings.		
23 21 13 23-1313		Grooved Elbows *(23 21 13 23-1312)*		
23 21 13 23-1314		90 Degree Grooved Elbows *(23 21 13 23-1313)*		
		Note: Victaulic No. 10		
23 21 13 23-1315	EA	3/4" 90 Degree Elbow, Ductile Iron, Grooved	48.93	9.18
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1316	EA	1" 90 Degree Elbow, Ductile Iron, Grooved	48.93	9.18
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1317	EA	1-1/4" 90 Degree Elbow, Ductile Iron, Grooved	52.37	11.45
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1318	EA	1-1/2" 90 degree Elbow, Ductile Iron, Grooved	56.02	13.90
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1319	EA	2" 90 Degree Elbow, Ductile Iron, Grooved	62.70	18.36
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1320	EA	2-1/2" 90 Degree Elbow, Ductile Iron, Grooved	68.71	22.40
		For Galvanized Fittings, Add	*11.61*	
23 21 13 23-1321	EA	3" 90 Degree Elbow, Ductile Iron, Grooved	103.13	27.12
		For Galvanized Fittings, Add	*20.62*	
23 21 13 23-1322	EA	4" 90 Degree Elbow, Ductile Iron, Grooved	121.71	35.80
		For Galvanized Fittings, Add	*22.46*	
23 21 13 23-1323	EA	5" 90 Degree Elbow, Ductile Iron, Grooved	232.73	44.73
		For Galvanized Fittings, Add	*54.67*	
23 21 13 23-1324	EA	6" 90 Degree Elbow, Ductile Iron, Grooved	280.27	58.54
		For Galvanized Fittings, Add	*63.53*	
23 21 13 23-1325	EA	8" 90 Degree Elbow, Ductile Iron, Grooved	509.66	69.66
		For Galvanized Fittings, Add	*133.72*	
23 21 13 23-1326	EA	10" 90 Degree Elbow, Ductile Iron, Grooved	753.19	81.28
		For Galvanized Fittings, Add	*208.34*	
23 21 13 23-1327	EA	12" 90 Degree Elbow, Ductile Iron, Grooved	1,158.14	97.54
		For Galvanized Fittings, Add	*333.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1328	EA	14" 90 Degree Elbow, Steel, Grooved	2,269.51	110.09
		For Galvanized Fittings, Add	*694.46*	
23 21 13 23-1329	EA	16" 90 Degree Elbow, Steel, Grooved	2,936.42	121.88
		For Galvanized Fittings, Add	*908.70*	
23 21 13 23-1330	EA	18" 90 Degree Elbow, Steel, Grooved	3,692.05	133.16
		For Galvanized Fittings, Add	*1,152.51*	
23 21 13 23-1331	EA	20" 90 Degree Elbow, Steel, Grooved	4,797.08	138.47
		For Galvanized Fittings, Add	*1,514.51*	
23 21 13 23-1332	EA	24" 90 Degree Elbow, Steel, Grooved	6,849.71	163.74
		For Galvanized Fittings, Add	*2,179.42*	

23 21 13 23-1333 45 Degree Grooved Elbows *(23 21 13 23-1313)*

Note: Victaulic No. 11

23 21 13 23-1334	EA	3/4" 45 Degree Elbow, Ductile Iron, Grooved	48.91	9.18
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1335	EA	1" 45 Degree Elbow, Ductile Iron, Grooved	48.91	9.18
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1336	EA	1-1/4" 45 Degree Elbow, Ductile Iron, Grooved	52.35	11.45
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1337	EA	1-1/2" 45 degree Elbow, Ductile Iron, Grooved	56.00	13.90
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1338	EA	2" 45 Degree Elbow, Ductile Iron, Grooved	62.68	18.36
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1339	EA	2-1/2" 45 Degree Elbow, Ductile Iron, Grooved	68.69	22.40
		For Galvanized Fittings, Add	*8.44*	
23 21 13 23-1340	EA	3" 45 Degree Elbow, Ductile Iron, Grooved	103.10	27.12
		For Galvanized Fittings, Add	*14.99*	
23 21 13 23-1341	EA	4" 45 Degree Elbow, Ductile Iron, Grooved	121.71	35.80
		For Galvanized Fittings, Add	*16.33*	
23 21 13 23-1342	EA	5" 45 Degree Elbow, Ductile Iron, Grooved	232.73	44.73
		For Galvanized Fittings, Add	*39.76*	
23 21 13 23-1343	EA	6" 45 Degree Elbow, Ductile Iron, Grooved	280.27	58.54
		For Galvanized Fittings, Add	*46.21*	
23 21 13 23-1344	EA	8" 45 Degree Elbow, Ductile Iron, Grooved	509.66	69.66
		For Galvanized Fittings, Add	*97.25*	
23 21 13 23-1345	EA	10" 45 Degree Elbow, Ductile Iron, Grooved	753.19	81.28
		For Galvanized Fittings, Add	*151.52*	
23 21 13 23-1346	EA	12" 45 Degree Elbow, Ductile Iron, Grooved	1,158.14	97.54
		For Galvanized Fittings, Add	*242.86*	
23 21 13 23-1347	EA	14" 45 Degree Elbow, Steel, Grooved	2,269.51	110.09
		For Galvanized Fittings, Add	*505.06*	
23 21 13 23-1348	EA	16" 45 Degree Elbow, Steel, Grooved	2,936.42	121.88
		For Galvanized Fittings, Add	*660.88*	
23 21 13 23-1349	EA	18" 45 Degree Elbow, Steel, Grooved	3,692.05	133.16
		For Galvanized Fittings, Add	*838.19*	
23 21 13 23-1350	EA	20" 45 Degree Elbow, Steel, Grooved	4,797.45	138.73
		For Galvanized Fittings, Add	*1,101.46*	
23 21 13 23-1351	EA	24" 45 Degree Elbow, Steel, Grooved	6,849.71	163.74
		For Galvanized Fittings, Add	*1,585.03*	

23 21 13 23-1352 22-1/2 Degree Grooved Elbows *(23 21 13 23-1313)*

Note: Victaulic No. 12

23 21 13 23-1353	EA	1" 22-1/2 Degree Elbow, Ductile Iron, Grooved	51.22	9.18
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1354	EA	1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	54.66	11.45
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1355	EA	1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	58.31	13.90
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1356	EA	2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	64.99	18.36
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1357	EA	2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	71.00	22.40
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1358	EA	3" 22-1/2 Degree Elbow, Ductile Iron, Grooved	95.43	27.12
		For Galvanized Fittings, Add	*13.15*	
23 21 13 23-1359	EA	4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	127.12	35.80
		For Galvanized Fittings, Add	*17.63*	
23 21 13 23-1360	EA	5" 22-1/2 Degree Elbow, Steel, Grooved	294.90	44.73
		For Galvanized Fittings, Add	*54.68*	
23 21 13 23-1361	EA	6" 22-1/2 Degree Elbow, Ductile Iron, Grooved	295.88	58.54
		For Galvanized Fittings, Add	*49.95*	
23 21 13 23-1362	EA	8" 22-1/2 Degree Elbow, Ductile Iron, Grooved	539.95	69.66
		For Galvanized Fittings, Add	*104.52*	
23 21 13 23-1363	EA	10" 22-1/2 Degree Elbow, Steel, Grooved	719.76	81.28
		For Galvanized Fittings, Add	*143.50*	
23 21 13 23-1364	EA	12" 22-1/2 Degree Elbow, Steel, Grooved	954.53	97.54
		For Galvanized Fittings, Add	*193.99*	
23 21 13 23-1365	EA	14" 22-1/2 Degree Elbow, Steel, Grooved	1,098.70	110.09
		For Galvanized Fittings, Add	*224.07*	
23 21 13 23-1366	EA	16" 22-1/2 Degree Elbow, Steel, Grooved	1,302.51	121.88
		For Galvanized Fittings, Add	*268.74*	
23 21 13 23-1367	EA	18" 22-1/2 Degree Elbow, Steel, Grooved	1,555.70	133.16
		For Galvanized Fittings, Add	*325.46*	
23 21 13 23-1368	EA	20" 22-1/2 Degree Elbow, Steel, Grooved	1,810.91	138.47
		For Galvanized Fittings, Add	*384.78*	
23 21 13 23-1369	EA	24" 22-1/2 Degree Elbow, Steel, Grooved	2,399.85	163.74
		For Galvanized Fittings, Add	*517.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1370		11-1/4 Degree Grooved Elbows *(23 21 13 23-1313)*		
		Note: Victaulic No. 13		
23 21 13 23-1371	EA	1" 11-1/4 Degree Elbow, Ductile Iron, Grooved	51.22	9.18
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1372	EA	1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	54.66	11.45
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1373	EA	1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	58.31	13.90
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1374	EA	2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	64.99	18.36
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1375	EA	2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	71.00	22.40
		For Galvanized Fittings, Add	*8.99*	
23 21 13 23-1376	EA	3" 11-1/4 Degree Elbow, Ductile Iron, Grooved	95.43	27.12
		For Galvanized Fittings, Add	*13.15*	
23 21 13 23-1377	EA	4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	127.12	35.80
		For Galvanized Fittings, Add	*17.63*	
23 21 13 23-1378	EA	5" 11-1/4 Degree Elbow, Steel, Grooved	294.89	44.73
		For Galvanized Fittings, Add	*54.68*	
23 21 13 23-1379	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved	295.87	58.54
		For Galvanized Fittings, Add	*49.95*	
23 21 13 23-1380	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved	539.93	69.66
		For Galvanized Fittings, Add	*104.52*	
23 21 13 23-1381	EA	10" 11-1/4 Degree Elbow, Steel, Grooved	719.72	81.28
		For Galvanized Fittings, Add	*143.49*	
23 21 13 23-1382	EA	12" 11-1/4 Degree Elbow, Steel, Grooved	954.49	97.54
		For Galvanized Fittings, Add	*193.98*	
23 21 13 23-1383	EA	14" 11-1/4 Degree Elbow, Steel, Grooved	1,098.65	110.09
		For Galvanized Fittings, Add	*224.05*	
23 21 13 23-1384	EA	16" 11-1/4 Degree Elbow, Steel, Grooved	1,302.47	121.96
		For Galvanized Fittings, Add	*268.72*	
23 21 13 23-1385	EA	18" 11-1/4 Degree Elbow, Steel, Grooved	1,555.61	133.16
		For Galvanized Fittings, Add	*325.44*	
23 21 13 23-1386	EA	20" 11-1/4 Degree Elbow, Steel, Grooved	1,810.82	138.47
		For Galvanized Fittings, Add	*384.76*	
23 21 13 23-1387	EA	24" 11-1/4 Degree Elbow, Steel, Grooved	2,399.73	163.74
		For Galvanized Fittings, Add	*517.03*	
23 21 13 23-1388		90 Degree Grooved Long Radius Elbows *(23 21 13 23-1313)*		
		Note: Victaulic No. 100		
23 21 13 23-1389	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	107.94	18.36
		For Galvanized Fittings, Add	*19.30*	
23 21 13 23-1390	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved	266.87	22.40
		For Galvanized Fittings, Add	*56.00*	
23 21 13 23-1391	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	121.05	27.12
		For Galvanized Fittings, Add	*19.30*	
23 21 13 23-1392	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	174.11	35.80
		For Galvanized Fittings, Add	*28.91*	
23 21 13 23-1393	EA	5" 90 Degree Long Radius Elbow, Steel Grooved	684.48	44.73
		For Galvanized Fittings, Add	*148.18*	
23 21 13 23-1394	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	440.13	58.54
		For Galvanized Fittings, Add	*84.57*	
23 21 13 23-1395	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	949.71	69.66
		For Galvanized Fittings, Add	*202.86*	
23 21 13 23-1396	EA	10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,874.44	81.28
		For Galvanized Fittings, Add	*420.62*	
23 21 13 23-1397	EA	12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	2,236.18	97.54
		For Galvanized Fittings, Add	*501.59*	
23 21 13 23-1398		Grooved Tees, Wyes And Crosses *(23 21 13 23-1312)*		
23 21 13 23-1399		Grooved Tees *(23 21 13 23-1398)*		
		Note: Victaulic No. 20		
23 21 13 23-1400	EA	3/4" Tee, Ductile Iron, Grooved	71.86	12.05
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1401	EA	1" Tee, Ductile Iron, Grooved	74.60	13.90
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1402	EA	1-1/4" Tee, Ductile Iron, Grooved	79.23	17.02
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1403	EA	1-1/2" Tee, Ductile Iron, Grooved	85.03	20.88
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1404	EA	2" Tee, Ductile Iron, Grooved	94.23	27.03
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1405	EA	2-1/2" Tee, Ductile Iron, Grooved	103.43	33.10
		For Galvanized Fittings, Add	*16.13*	
23 21 13 23-1406	EA	3" Tee, Ductile Iron, Grooved	136.25	40.68
		For Galvanized Fittings, Add	*22.59*	
23 21 13 23-1407	EA	4" Tee, Ductile Iron, Grooved	194.39	52.65
		For Galvanized Fittings, Add	*34.65*	
23 21 13 23-1408	EA	5" Tee, Ductile Iron, Grooved	374.13	68.81
		For Galvanized Fittings, Add	*81.29*	
23 21 13 23-1409	EA	6" Tee, Ductile Iron, Grooved	442.19	86.08
		For Galvanized Fittings, Add	*93.95*	
23 21 13 23-1410	EA	8" Tee, Ductile Iron, Grooved	840.74	104.53
		For Galvanized Fittings, Add	*205.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1411	EA	10" Tee, Ductile Iron, Grooved	1,404.33	121.88
		For Galvanized Fittings, Add	*366.46*	
23 21 13 23-1412	EA	12" Tee, Ductile Iron, Grooved	1,929.51	146.31
		For Galvanized Fittings, Add	*513.05*	
23 21 13 23-1413	EA	14" Tee, Steel, Grooved	2,109.34	162.56
		For Galvanized Fittings, Add	*559.69*	
23 21 13 23-1414	EA	16" Tee, Steel, Grooved	2,621.56	163.49
		For Galvanized Fittings, Add	*712.94*	
23 21 13 23-1415	EA	18" Tee, Steel, Grooved	3,246.45	180.34
		For Galvanized Fittings, Add	*892.83*	
23 21 13 23-1416	EA	20" Tee, Steel, Grooved	4,538.89	183.20
		For Galvanized Fittings, Add	*1,279.28*	
23 21 13 23-1417	EA	24" Tee, Steel, Grooved	6,889.34	225.06
		For Galvanized Fittings, Add	*1,965.57*	

23 21 13 23-1418 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1398)*

Note: Victaulic No. 33

23 21 13 23-1419	EA	1" Wye, Steel, Grooved	247.63	13.90
		For Galvanized Fittings, Add	*36.28*	
23 21 13 23-1420	EA	1-1/4" Wye, Steel, Grooved	252.26	17.02
		For Galvanized Fittings, Add	*36.28*	
23 21 13 23-1421	EA	1-1/2" Wye, Steel, Grooved	258.06	20.88
		For Galvanized Fittings, Add	*36.28*	
23 21 13 23-1422	EA	2" Wye, Steel, Grooved	267.26	27.03
		For Galvanized Fittings, Add	*36.28*	
23 21 13 23-1423	EA	2-1/2" Wye, Steel, Grooved	276.46	33.10
		For Galvanized Fittings, Add	*36.28*	
23 21 13 23-1424	EA	3" Wye, Steel, Grooved	332.04	40.68
		For Galvanized Fittings, Add	*43.37*	
23 21 13 23-1425	EA	4" Wye, Steel, Grooved	433.96	52.65
		For Galvanized Fittings, Add	*56.81*	
23 21 13 23-1426	EA	5" Wye, Steel, Grooved	612.10	68.81
		For Galvanized Fittings, Add	*81.43*	
23 21 13 23-1427	EA	6" Wye, Steel, Grooved	758.72	86.08
		For Galvanized Fittings, Add	*100.75*	
23 21 13 23-1428	EA	8" Wye, Steel, Grooved	1,063.61	104.53
		For Galvanized Fittings, Add	*145.11*	
23 21 13 23-1429	EA	10" Wye, Steel, Grooved	1,748.14	121.88
		For Galvanized Fittings, Add	*250.46*	
23 21 13 23-1430	EA	12" Wye, Steel, Grooved	1,948.69	146.31
		For Galvanized Fittings, Add	*276.69*	
23 21 13 23-1431	EA	14" Wye, Steel, Grooved	2,218.44	162.56
		For Galvanized Fittings, Add	*315.96*	
23 21 13 23-1432	EA	16" Wye, Steel, Grooved	2,809.76	163.32
		For Galvanized Fittings, Add	*410.39*	
23 21 13 23-1433	EA	18" Wye, Steel, Grooved	3,204.60	180.51
		For Galvanized Fittings, Add	*469.43*	
23 21 13 23-1434	EA	20" Wye, Steel, Grooved	4,529.41	182.86
		For Galvanized Fittings, Add	*680.84*	
23 21 13 23-1435	EA	24" Wye, Steel, Grooved	6,953.13	225.06
		For Galvanized Fittings, Add	*1,058.51*	

23 21 13 23-1436 Grooved Crosses *(23 21 13 23-1398)*

Note: Victaulic No. 35

23 21 13 23-1437	EA	3/4" Cross, Steel, Grooved	173.98	18.11
		For Galvanized Fittings, Add	*22.02*	
23 21 13 23-1438	EA	1" Cross, Steel, Grooved	178.10	20.88
		For Galvanized Fittings, Add	*22.02*	
23 21 13 23-1439	EA	1-1/4" Cross, Steel, Grooved	215.44	25.52
		For Galvanized Fittings, Add	*26.58*	
23 21 13 23-1440	EA	1-1/2" Cross, Steel, Grooved	237.86	31.33
		For Galvanized Fittings, Add	*28.64*	
23 21 13 23-1441	EA	2" Cross, Steel, Grooved	168.63	40.51
		For Galvanized Fittings, Add	*16.19*	
23 21 13 23-1442	EA	2-1/2" Cross, Steel, Grooved	182.42	49.70
		For Galvanized Fittings, Add	*16.19*	
23 21 13 23-1443	EA	3" Cross, Steel, Grooved	285.36	60.98
		For Galvanized Fittings, Add	*29.09*	
23 21 13 23-1444	EA	4" Cross, Steel, Grooved	441.13	78.93
		For Galvanized Fittings, Add	*48.42*	
23 21 13 23-1445	EA	5" Cross, Steel, Grooved	814.17	103.18
		For Galvanized Fittings, Add	*98.91*	
23 21 13 23-1446	EA	6" Cross, Steel, Grooved	1,041.95	129.13
		For Galvanized Fittings, Add	*127.26*	
23 21 13 23-1447	EA	8" Cross, Steel, Grooved	1,352.38	156.76
		For Galvanized Fittings, Add	*167.60*	
23 21 13 23-1448	EA	10" Cross, Steel, Grooved	2,179.91	182.86
		For Galvanized Fittings, Add	*285.86*	
23 21 13 23-1449	EA	12" Cross, Steel, Grooved	3,079.13	219.50
		For Galvanized Fittings, Add	*412.52*	
23 21 13 23-1450	EA	14" Cross, Steel, Grooved	3,214.83	243.84
		For Galvanized Fittings, Add	*427.39*	
23 21 13 23-1451	EA	16" Cross, Steel, Grooved	4,094.97	245.27
		For Galvanized Fittings, Add	*559.09*	
23 21 13 23-1452	EA	18" Cross, Steel, Grooved	4,974.25	270.47
		For Galvanized Fittings, Add	*685.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1453	EA	20" Cross, Steel, Grooved	6,884.49	274.67
		For Galvanized Fittings, Add	*970.90*	
23 21 13 23-1454	EA	24" Cross, Steel, Grooved	10,498.53	337.60
		For Galvanized Fittings, Add	*1,498.85*	

23 21 13 23-1455 Grooved Reducing Tees *(23 21 13 23-1398)*

Note: Victaulic No. 25

23 21 13 23-1456	EA	1" Reducing Tee, Steel, Grooved	124.56	13.90
		For Galvanized Fittings, Add	*20.74*	
23 21 13 23-1457	EA	1-1/4" Reducing Tee, Steel, Grooved	132.44	17.02
		For Galvanized Fittings, Add	*21.39*	
23 21 13 23-1458	EA	1-1/2" Reducing Tee, Steel, Grooved	140.91	20.88
		For Galvanized Fittings, Add	*21.93*	
23 21 13 23-1459	EA	2" Reducing Tee, Steel, Grooved	168.82	27.03
		For Galvanized Fittings, Add	*25.67*	
23 21 13 23-1460	EA	2-1/2" Reducing Tee, Steel, Grooved	191.23	33.10
		For Galvanized Fittings, Add	*28.31*	
23 21 13 23-1461	EA	3" Reducing Tee, Steel, Grooved	215.90	40.68
		For Galvanized Fittings, Add	*30.99*	
23 21 13 23-1462	EA	4" Reducing Tee, Steel, Grooved	287.85	52.65
		For Galvanized Fittings, Add	*41.79*	
23 21 13 23-1463	EA	5" Reducing Tee, Steel, Grooved	379.07	68.81
		For Galvanized Fittings, Add	*55.18*	
23 21 13 23-1464	EA	6" Reducing Tee, Steel, Grooved	517.16	86.08
		For Galvanized Fittings, Add	*77.63*	
23 21 13 23-1465	EA	8" Reducing Tee, Steel, Grooved	797.09	104.53
		For Galvanized Fittings, Add	*128.08*	
23 21 13 23-1466	EA	10" Reducing Tee, Steel, Grooved	1,126.89	121.88
		For Galvanized Fittings, Add	*188.82*	
23 21 13 23-1467	EA	12" Reducing Tee, Steel, Grooved	1,612.05	146.31
		For Galvanized Fittings, Add	*278.54*	
23 21 13 23-1468	EA	14" Reducing Tee, Steel, Grooved	1,825.53	162.56
		For Galvanized Fittings, Add	*316.36*	
23 21 13 23-1469	EA	16" Reducing Tee, Steel, Grooved	2,299.87	163.49
		For Galvanized Fittings, Add	*410.95*	
23 21 13 23-1470	EA	18" Reducing Tee, Steel, Grooved	2,785.82	180.34
		For Galvanized Fittings, Add	*503.10*	
23 21 13 23-1471	EA	20" Reducing Tee, Steel, Grooved	3,872.17	183.11
		For Galvanized Fittings, Add	*719.53*	
23 21 13 23-1472	EA	24" Reducing Tee, Steel, Grooved	6,132.49	225.06
		For Galvanized Fittings, Add	*1,159.01*	

23 21 13 23-1473 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1398)*

Note: Victaulic No. 30

23 21 13 23-1474	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved	232.87	12.05
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1475	EA	1" 45 Degree Lateral Wye, Steel, Grooved	235.61	13.90
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1476	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved	240.24	17.02
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1477	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved	246.04	20.88
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1478	EA	2" 45 Degree Lateral Wye, Steel, Grooved	255.24	27.03
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1479	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved	264.44	33.10
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1480	EA	3" Wye, 45 Degree Lateral, Steel, Grooved	246.49	40.68
		For Galvanized Fittings, Add	*33.40*	
23 21 13 23-1481	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved	384.62	46.91
		For Galvanized Fittings, Add	*56.58*	
23 21 13 23-1482	EA	4" 45 Degree Lateral Wye, Steel, Grooved	444.80	52.65
		For Galvanized Fittings, Add	*65.86*	
23 21 13 23-1483	EA	5" 45 Degree Lateral Wye, Steel, Grooved	637.92	68.81
		For Galvanized Fittings, Add	*96.26*	
23 21 13 23-1484	EA	6" 45 Degree Lateral Wye, Steel, Grooved	990.60	86.08
		For Galvanized Fittings, Add	*155.08*	
23 21 13 23-1485	EA	8" 45 Degree Lateral Wye, Steel, Grooved	1,397.66	104.53
		For Galvanized Fittings, Add	*223.38*	
23 21 13 23-1486	EA	10" 45 Degree Lateral Wye, Steel, Grooved	1,934.40	121.88
		For Galvanized Fittings, Add	*315.29*	
23 21 13 23-1487	EA	12" 45 Degree Lateral Wye, Steel, Grooved	2,337.13	146.31
		For Galvanized Fittings, Add	*381.20*	
23 21 13 23-1488	EA	14" 45 Degree Lateral Wye, Steel, Grooved	3,334.75	162.56
		For Galvanized Fittings, Add	*556.39*	
23 21 13 23-1489	EA	16" 45 Degree Lateral Wye, Steel, Grooved	4,106.67	163.49
		For Galvanized Fittings, Add	*695.08*	
23 21 13 23-1490	EA	18" 45 Degree Lateral Wye, Steel, Grooved	4,587.03	180.34
		For Galvanized Fittings, Add	*777.01*	
23 21 13 23-1491	EA	20" 45 Degree Lateral Wye, Steel, Grooved	6,822.29	183.11
		For Galvanized Fittings, Add	*1,178.60*	
23 21 13 23-1492	EA	24" 45 Degree Lateral Wye, Steel, Grooved	10,512.16	225.06
		For Galvanized Fittings, Add	*1,831.45*	

23 21 13 23-1493 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1398)*

Note: Victaulic No. 30R

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1494	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved	246.49	40.68
		For Galvanized Fittings, Add	*24.12*	
23 21 13 23-1495	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved	444.80	52.65
		For Galvanized Fittings, Add	*47.57*	
23 21 13 23-1496	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved	637.92	68.81
		For Galvanized Fittings, Add	*69.52*	
23 21 13 23-1497	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved	819.92	86.08
		For Galvanized Fittings, Add	*89.82*	
23 21 13 23-1498	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,154.05	104.53
		For Galvanized Fittings, Add	*129.66*	
23 21 13 23-1499	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,404.28	121.88
		For Galvanized Fittings, Add	*158.79*	
23 21 13 23-1500	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,703.76	146.31
		For Galvanized Fittings, Add	*192.97*	
23 21 13 23-1501	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,906.64	162.56
		For Galvanized Fittings, Add	*216.18*	
23 21 13 23-1502	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved	2,394.61	163.49
		For Galvanized Fittings, Add	*279.43*	
23 21 13 23-1503	EA	18" 45 Degree Lateral Reducing Wye, Steel, Grooved	3,570.83	180.34
		For Galvanized Fittings, Add	*429.07*	
23 21 13 23-1504	EA	20" 45 Degree Lateral Reducing Wye, Steel, Grooved	5,105.63	183.11
		For Galvanized Fittings, Add	*628.04*	
23 21 13 23-1505	EA	24" 45 Degree Lateral Reducing Wye, Steel, Grooved	8,159.17	225.06
		For Galvanized Fittings, Add	*1,016.82*	

23 21 13 23-1506 Mechanical-T Outlet *(23 21 13 23-1398)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1507	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	96.37	30.32
		For Galvanized Fittings, Add	*8.86*	
23 21 13 23-1508	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	96.37	30.32
		For Galvanized Fittings, Add	*8.86*	
23 21 13 23-1509	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	101.94	30.32
		For Galvanized Fittings, Add	*10.24*	
23 21 13 23-1510	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	101.94	30.32
23 21 13 23-1511	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	103.95	34.11
23 21 13 23-1512	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	103.95	34.11
23 21 13 23-1513	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	118.66	34.11
23 21 13 23-1514	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	116.94	37.90
23 21 13 23-1515	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	116.94	37.90
23 21 13 23-1516	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	128.79	37.90
23 21 13 23-1517	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	128.79	37.90
23 21 13 23-1518	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	136.90	37.90
23 21 13 23-1519	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	153.52	50.53
23 21 13 23-1520	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	153.52	50.53
23 21 13 23-1521	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	162.77	50.53
23 21 13 23-1522	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	165.37	50.53
23 21 13 23-1523	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	165.37	50.53
23 21 13 23-1524	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	167.96	50.53
23 21 13 23-1525	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	172.94	50.53
23 21 13 23-1526	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	217.93	69.49
23 21 13 23-1527	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	217.93	69.49
23 21 13 23-1528	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	222.42	69.49
23 21 13 23-1529	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	228.05	69.49
23 21 13 23-1530	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	257.67	88.44
23 21 13 23-1531	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	257.67	88.44
23 21 13 23-1532	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	264.27	88.44
23 21 13 23-1533	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	269.85	88.44
23 21 13 23-1534	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	279.75	88.44
23 21 13 23-1535	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	377.13	117.08
23 21 13 23-1536	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	377.13	117.08
23 21 13 23-1537	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	385.08	117.08
23 21 13 23-1538	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	389.79	117.08

23 21 13 23-1539 Installation-Ready™ Grooved Fittings *(23 21 13 23-1312)*

23 21 13 23-1540 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1539)*

Note: Victaulic No. 101

23 21 13 23-1541	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	139.50	8.34
		For Galvanized Fittings, Add	*41.87*	
		For Galvanized Fittings, Add	*32.48*	
23 21 13 23-1542	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	145.76	10.00
		For Galvanized Fittings, Add	*43.10*	
		For Galvanized Fittings, Add	*33.43*	
23 21 13 23-1543	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	151.75	13.35
		For Galvanized Fittings, Add	*43.40*	
		For Galvanized Fittings, Add	*33.67*	
23 21 13 23-1544	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	183.85	16.68
		For Galvanized Fittings, Add	*52.33*	
		For Galvanized Fittings, Add	*40.60*	

23 21 13 23-1545 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1539)*

Note: Victaulic No. 103

23 21 13 23-1546	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	139.50	8.34
		For Galvanized Fittings, Add	*30.45*	
		For Galvanized Fittings, Add	*32.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1547	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	145.76	10.00
		For Galvanized Fittings, Add	*31.34*	
		For Galvanized Fittings, Add	*33.43*	
23 21 13 23-1548	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	151.75	13.35
		For Galvanized Fittings, Add	*31.57*	
		For Galvanized Fittings, Add	*33.67*	
23 21 13 23-1549	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	183.85	16.68
		For Galvanized Fittings, Add	*38.06*	
		For Galvanized Fittings, Add	*40.60*	
23 21 13 23-1550		Installation-Ready™ Grooved Tees *(23 21 13 23-1539)*		
		Note: Victaulic No. 102		
23 21 13 23-1551	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	212.75	11.12
		For Galvanized Fittings, Add	*58.77*	
		For Galvanized Fittings, Add	*50.15*	
23 21 13 23-1552	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	222.65	13.35
		For Galvanized Fittings, Add	*60.73*	
		For Galvanized Fittings, Add	*51.82*	
23 21 13 23-1553	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	232.18	17.79
		For Galvanized Fittings, Add	*61.57*	
		For Galvanized Fittings, Add	*52.54*	
23 21 13 23-1554	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	270.64	22.23
		For Galvanized Fittings, Add	*71.08*	
		For Galvanized Fittings, Add	*60.66*	
23 21 13 23-1555		Grooved Fittings *(23 21 13 23-1312)*		
23 21 13 23-1556		Flanged Adapter Nipple, Grooved *(23 21 13 23-1555)*		
		Note: Victaulic No. 41 and 45		
23 21 13 23-1557	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	166.30	10.10
		For Galvanized Fittings, Add	*27.21*	
		For 300 LB Rating, Add	*22.67*	
23 21 13 23-1558	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	167.99	11.20
		For Galvanized Fittings, Add	*27.21*	
		For 300 LB Rating, Add	*22.67*	
23 21 13 23-1559	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	172.20	14.07
		For Galvanized Fittings, Add	*27.21*	
		For 300 LB Rating, Add	*22.67*	
23 21 13 23-1560	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	181.06	19.96
		For Galvanized Fittings, Add	*27.21*	
		For 300 LB Rating, Add	*22.67*	
23 21 13 23-1561	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	187.39	24.18
		For Galvanized Fittings, Add	*27.21*	
		For 300 LB Rating, Add	*22.67*	
23 21 13 23-1562	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	236.66	28.90
		For Galvanized Fittings, Add	*34.81*	
		For 300 LB Rating, Add	*29.01*	
23 21 13 23-1563	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	288.95	38.91
		For Galvanized Fittings, Add	*41.52*	
		For 300 LB Rating, Add	*34.60*	
23 21 13 23-1564	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	400.16	47.08
		For Galvanized Fittings, Add	*59.32*	
		For 300 LB Rating, Add	*49.44*	
23 21 13 23-1565	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	471.39	63.60
		For Galvanized Fittings, Add	*67.68*	
		For 300 LB Rating, Add	*56.40*	
23 21 13 23-1566	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	648.06	86.08
		For Galvanized Fittings, Add	*93.43*	
		For 300 LB Rating, Add	*77.85*	
23 21 13 23-1567	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,003.66	104.53
		For Galvanized Fittings, Add	*152.46*	
		For 300 LB Rating, Add	*127.05*	
23 21 13 23-1568	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,340.88	121.88
		For Galvanized Fittings, Add	*208.46*	
		For 300 LB Rating, Add	*173.71*	
23 21 13 23-1569	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,585.05	146.31
		For Galvanized Fittings, Add	*245.83*	
		For 300 LB Rating, Add	*204.86*	
23 21 13 23-1570	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,346.92	162.56
		For Galvanized Fittings, Add	*378.58*	
		For 300 LB Rating, Add	*315.48*	
23 21 13 23-1571	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,835.96	243.84
		For Galvanized Fittings, Add	*444.67*	
		For 300 LB Rating, Add	*370.56*	
23 21 13 23-1572	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	3,013.63	292.62
		For Galvanized Fittings, Add	*463.49*	
		For 300 LB Rating, Add	*386.24*	
23 21 13 23-1573	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,929.53	325.13
		For Galvanized Fittings, Add	*799.58*	
		For 300 LB Rating, Add	*666.31*	
23 21 13 23-1574		Grooved Concentric Reducers *(23 21 13 23-1555)*		
		Note: Victaulic No. 50		
23 21 13 23-1575	EA	1-1/4" x 3/4" Concentric Reducer, Grooved	176.36	10.10
		For Galvanized Fittings, Add	*7.09*	
23 21 13 23-1576	EA	1-1/4" x 1" Concentric Reducer, Grooved	184.47	10.70
		For Galvanized Fittings, Add	*7.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1577	EA	1-1/2" x 3/4" Concentric Reducer, Grooved	207.54	11.54
		For Galvanized Fittings, Add	*22.87*	
23 21 13 23-1578	EA	1-1/2" x 1" Concentric Reducer, Grooved	58.86	12.05
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1579	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved	176.66	12.63
		For Galvanized Fittings, Add	*18.96*	
23 21 13 23-1580	EA	2" x 3/4" Concentric Reducer, Grooved	61.38	13.73
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1581	EA	2" x 1" Concentric Reducer, Grooved	62.23	14.32
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1582	EA	2" x 1-1/4" Concentric Reducer, Grooved	67.16	14.91
		For Galvanized Fittings, Add	*5.39*	
23 21 13 23-1583	EA	2" x 1-1/2" Concentric Reducer, Grooved	65.65	16.60
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1584	EA	2-1/2" x 3/4" Concentric Reducer, Grooved	354.85	15.50
		For Galvanized Fittings, Add	*39.86*	
23 21 13 23-1585	EA	2-1/2" x 1" Concentric Reducer, Grooved	284.19	16.08
		For Galvanized Fittings, Add	*31.27*	
23 21 13 23-1586	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved	260.38	16.60
		For Galvanized Fittings, Add	*28.30*	
23 21 13 23-1587	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved	68.13	18.28
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1588	EA	2-1/2" x 2" Concentric Reducer, Grooved	71.49	20.47
		For Galvanized Fittings, Add	*4.90*	
23 21 13 23-1589	EA	3" x 3/4" Concentric Reducer, Grooved	360.76	18.03
		For Galvanized Fittings, Add	*50.73*	
23 21 13 23-1590	EA	3" x 1" Concentric Reducer, Grooved	72.76	18.53
		For Galvanized Fittings, Add	*6.84*	
23 21 13 23-1591	EA	3" x 1-1/4" Concentric Reducer, Grooved	287.13	19.12
		For Galvanized Fittings, Add	*39.30*	
23 21 13 23-1592	EA	3" x 1-1/2" Concentric Reducer, Grooved	270.96	20.47
		For Galvanized Fittings, Add	*36.51*	
23 21 13 23-1593	EA	3" x 2" Concentric Reducer, Grooved	69.85	22.75
		For Galvanized Fittings, Add	*5.43*	
23 21 13 23-1594	EA	3" x 2-1/2" Concentric Reducer, Grooved	89.89	27.12
		For Galvanized Fittings, Add	*7.49*	
23 21 13 23-1595	EA	3-1/2" x 3" Concentric Reducer, Grooved	96.28	29.23
		For Galvanized Fittings, Add	*7.98*	
23 21 13 23-1596	EA	4" x 1" Concentric Reducer, Grooved	88.63	23.00
		For Galvanized Fittings, Add	*9.28*	
23 21 13 23-1597	EA	4" x 1-1/4" Concentric Reducer, Grooved	463.02	23.58
		For Galvanized Fittings, Add	*73.34*	
23 21 13 23-1598	EA	4" x 1-1/2" Concentric Reducer, Grooved	364.42	25.02
		For Galvanized Fittings, Add	*56.07*	
23 21 13 23-1599	EA	4" x 2" Concentric Reducer, Grooved	88.43	27.30
		For Galvanized Fittings, Add	*8.16*	
23 21 13 23-1600	EA	4" x 2-1/2" Concentric Reducer, Grooved	103.44	29.23
		For Galvanized Fittings, Add	*10.23*	
23 21 13 23-1601	EA	4" x 3" Concentric Reducer, Grooved	106.81	31.50
		For Galvanized Fittings, Add	*10.23*	
23 21 13 23-1602	EA	4" x 3-1/2" Concentric Reducer, Grooved	110.18	33.70
		For Galvanized Fittings, Add	*10.23*	
23 21 13 23-1603	EA	5" x 2" Concentric Reducer, Grooved	649.41	31.75
		For Galvanized Fittings, Add	*103.21*	
23 21 13 23-1604	EA	5" x 2-1/2" Concentric Reducer, Grooved	517.47	33.70
		For Galvanized Fittings, Add	*80.08*	
23 21 13 23-1605	EA	5" x 3" Concentric Reducer, Grooved	123.72	35.97
		For Galvanized Fittings, Add	*11.97*	
23 21 13 23-1606	EA	5" x 4" Concentric Reducer, Grooved	144.02	40.43
		For Galvanized Fittings, Add	*14.30*	
23 21 13 23-1607	EA	6" x 1" Concentric Reducer, Grooved	162.26	34.28
		For Galvanized Fittings, Add	*20.69*	
23 21 13 23-1608	EA	6" x 1-1/2" Concentric Reducer, Grooved	687.09	36.22
		For Galvanized Fittings, Add	*118.07*	
23 21 13 23-1609	EA	6" x 2" Concentric Reducer, Grooved	168.57	38.50
		For Galvanized Fittings, Add	*20.69*	
23 21 13 23-1610	EA	6" x 2-1/2" Concentric Reducer, Grooved	697.02	40.43
		For Galvanized Fittings, Add	*118.75*	
23 21 13 23-1611	EA	6" x 3" Concentric Reducer, Grooved	174.90	42.70
		For Galvanized Fittings, Add	*20.69*	
23 21 13 23-1612	EA	6" x 4" Concentric Reducer, Grooved	167.31	47.17
		For Galvanized Fittings, Add	*18.02*	
23 21 13 23-1613	EA	6" x 5" Concentric Reducer, Grooved	220.35	51.72
		For Galvanized Fittings, Add	*26.66*	
23 21 13 23-1614	EA	8" x 3" Concentric Reducer, Grooved	270.56	48.35
		For Galvanized Fittings, Add	*36.97*	
23 21 13 23-1615	EA	8" x 4" Concentric Reducer, Grooved	277.30	52.81
		For Galvanized Fittings, Add	*36.97*	
23 21 13 23-1616	EA	8" x 5" Concentric Reducer, Grooved	284.04	57.28
		For Galvanized Fittings, Add	*36.97*	
23 21 13 23-1617	EA	8" x 6" Concentric Reducer, Grooved	348.67	64.01
		For Galvanized Fittings, Add	*47.14*	
23 21 13 23-1618	EA	10" x 4" Concentric Reducer, Grooved	559.75	58.71
		For Galvanized Fittings, Add	*88.02*	
23 21 13 23-1619	EA	10" x 5" Concentric Reducer, Grooved	1,134.61	63.18
		For Galvanized Fittings, Add	*194.03*	
23 21 13 23-1620	EA	10" x 6" Concentric Reducer, Grooved	620.71	69.91
		For Galvanized Fittings, Add	*96.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1621	EA	10" x 8" Concentric Reducer, Grooved	629.13	75.55
		For Galvanized Fittings, Add	*96.26*	
23 21 13 23-1622	EA	12" x 4" Concentric Reducer, Grooved	1,661.78	66.88
		For Galvanized Fittings, Add	*234.23*	
23 21 13 23-1623	EA	12" x 6" Concentric Reducer, Grooved	732.32	78.08
		For Galvanized Fittings, Add	*92.29*	
23 21 13 23-1624	EA	12" x 8" Concentric Reducer, Grooved	1,049.72	83.73
		For Galvanized Fittings, Add	*138.63*	
23 21 13 23-1625	EA	12" x 10" Concentric Reducer, Grooved	1,058.60	89.62
		For Galvanized Fittings, Add	*138.63*	
23 21 13 23-1626	EA	14" x 6" Concentric Reducer, Grooved	3,262.04	84.15
		For Galvanized Fittings, Add	*96.27*	
23 21 13 23-1627	EA	14" x 8" Concentric Reducer, Grooved	1,975.27	89.79
		For Galvanized Fittings, Add	*56.51*	
23 21 13 23-1628	EA	14" x 10" Concentric Reducer, Grooved	1,697.57	95.68
		For Galvanized Fittings, Add	*47.71*	
23 21 13 23-1629	EA	14" x 12" Concentric Reducer, Grooved	1,709.77	103.77
		For Galvanized Fittings, Add	*47.71*	
23 21 13 23-1630	EA	16" x 8" Concentric Reducer, Grooved	2,979.60	95.76
		For Galvanized Fittings, Add	*87.06*	
23 21 13 23-1631	EA	16" x 10" Concentric Reducer, Grooved	2,774.49	101.66
		For Galvanized Fittings, Add	*80.50*	
23 21 13 23-1632	EA	16" x 12" Concentric Reducer, Grooved	2,576.95	109.83
		For Galvanized Fittings, Add	*74.06*	
23 21 13 23-1633	EA	16" x 14" Concentric Reducer, Grooved	2,586.05	115.90
		For Galvanized Fittings, Add	*74.06*	
23 21 13 23-1634	EA	18" x 10" Concentric Reducer, Grooved	3,863.34	107.31
		For Galvanized Fittings, Add	*113.67*	
23 21 13 23-1635	EA	18" x 12" Concentric Reducer, Grooved	3,511.39	115.39
		For Galvanized Fittings, Add	*102.49*	
23 21 13 23-1636	EA	18" x 14" Concentric Reducer, Grooved	3,204.35	121.46
		For Galvanized Fittings, Add	*92.78*	
23 21 13 23-1637	EA	18" x 16" Concentric Reducer, Grooved	3,213.45	127.61
		For Galvanized Fittings, Add	*92.78*	
23 21 13 23-1638	EA	20" x 10" Concentric Reducer, Grooved	4,246.38	110.09
		For Galvanized Fittings, Add	*125.30*	
23 21 13 23-1639	EA	20" x 12" Concentric Reducer, Grooved	3,656.90	118.26
		For Galvanized Fittings, Add	*106.83*	
23 21 13 23-1640	EA	20" x 14" Concentric Reducer, Grooved	3,666.00	124.33
		For Galvanized Fittings, Add	*106.83*	
23 21 13 23-1641	EA	20" x 16" Concentric Reducer, Grooved	3,282.38	130.31
		For Galvanized Fittings, Add	*94.77*	
23 21 13 23-1642	EA	20" x 18" Concentric Reducer, Grooved	3,495.81	135.94
		For Galvanized Fittings, Add	*101.06*	
23 21 13 23-1643	EA	24" x 10" Concentric Reducer, Grooved	9,278.31	122.47
		For Galvanized Fittings, Add	*279.21*	
23 21 13 23-1644	EA	24" x 12" Concentric Reducer, Grooved	9,070.96	130.64
		For Galvanized Fittings, Add	*272.46*	
23 21 13 23-1645	EA	24" x 14" Concentric Reducer, Grooved	7,921.06	136.62
		For Galvanized Fittings, Add	*236.89*	
23 21 13 23-1646	EA	24" x 16" Concentric Reducer, Grooved	7,930.22	142.77
		For Galvanized Fittings, Add	*236.89*	
23 21 13 23-1647	EA	24" x 18" Concentric Reducer, Grooved	6,808.59	148.33
		For Galvanized Fittings, Add	*202.20*	
23 21 13 23-1648	EA	24" x 20" Concentric Reducer, Grooved	6,229.49	151.19
		For Galvanized Fittings, Add	*184.29*	

23 21 13 23-1649 Grooved Eccentric Reducers *(23 21 13 23-1555)*

Note: Victaulic No. 51

23 21 13 23-1650	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	214.11	11.54
		For Galvanized Fittings, Add	*23.66*	
23 21 13 23-1651	EA	1-1/2" x 1" Eccentric Reducer, Grooved	195.78	12.05
		For Galvanized Fittings, Add	*21.36*	
23 21 13 23-1652	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	192.75	12.63
		For Galvanized Fittings, Add	*20.89*	
23 21 13 23-1653	EA	2" x 3/4" Eccentric Reducer, Grooved	403.11	13.73
		For Galvanized Fittings, Add	*45.97*	
23 21 13 23-1654	EA	2" x 1" Eccentric Reducer, Grooved	217.67	14.32
		For Galvanized Fittings, Add	*23.58*	
23 21 13 23-1655	EA	2" x 1-1/4" Eccentric Reducer, Grooved	237.40	14.91
		For Galvanized Fittings, Add	*25.85*	
23 21 13 23-1656	EA	2" x 1-1/2" Eccentric Reducer, Grooved	204.94	16.60
		For Galvanized Fittings, Add	*21.64*	
23 21 13 23-1657	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved	522.52	15.50
		For Galvanized Fittings, Add	*60.01*	
23 21 13 23-1658	EA	2-1/2" x 1" Eccentric Reducer, Grooved	489.21	16.08
		For Galvanized Fittings, Add	*55.91*	
23 21 13 23-1659	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved	295.05	16.60
		For Galvanized Fittings, Add	*32.47*	
23 21 13 23-1660	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved	241.44	18.28
		For Galvanized Fittings, Add	*25.73*	
23 21 13 23-1661	EA	2-1/2" x 2" Eccentric Reducer, Grooved	116.97	20.47
		For Galvanized Fittings, Add	*10.36*	
23 21 13 23-1662	EA	3" x 1" Eccentric Reducer, Grooved	526.71	18.53
		For Galvanized Fittings, Add	*59.97*	
23 21 13 23-1663	EA	3" x 1-1/4" Eccentric Reducer, Grooved	480.31	19.12
		For Galvanized Fittings, Add	*54.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1664	EA	3" x 1-1/2" Eccentric Reducer, Grooved	278.33	20.47
		For Galvanized Fittings, Add	*29.76*	
23 21 13 23-1665	EA	3" x 2" Eccentric Reducer, Grooved	133.20	22.75
		For Galvanized Fittings, Add	*11.91*	
23 21 13 23-1666	EA	3" x 2-1/2" Eccentric Reducer, Grooved	139.73	27.12
		For Galvanized Fittings, Add	*11.91*	
23 21 13 23-1667	EA	3-1/2" x 3" Eccentric Reducer, Grooved	592.00	29.23
		For Galvanized Fittings, Add	*65.89*	
23 21 13 23-1668	EA	4" x 1" Eccentric Reducer, Grooved	1,045.90	23.00
		For Galvanized Fittings, Add	*173.45*	
23 21 13 23-1669	EA	4" x 1-1/2" Eccentric Reducer, Grooved	649.15	25.02
		For Galvanized Fittings, Add	*104.90*	
23 21 13 23-1670	EA	4" x 2" Eccentric Reducer, Grooved	162.01	27.30
		For Galvanized Fittings, Add	*20.78*	
23 21 13 23-1671	EA	4" x 2-1/2" Eccentric Reducer, Grooved	164.96	29.23
		For Galvanized Fittings, Add	*20.78*	
23 21 13 23-1672	EA	4" x 3" Eccentric Reducer, Grooved	168.33	31.50
		For Galvanized Fittings, Add	*20.78*	
23 21 13 23-1673	EA	5" x 2" Eccentric Reducer, Grooved	722.07	31.75
		For Galvanized Fittings, Add	*115.67*	
23 21 13 23-1674	EA	5" x 2-1/2" Eccentric Reducer, Grooved	625.17	33.70
		For Galvanized Fittings, Add	*98.55*	
23 21 13 23-1675	EA	5" x 3" Eccentric Reducer, Grooved	608.95	35.97
		For Galvanized Fittings, Add	*95.19*	
23 21 13 23-1676	EA	5" x 4" Eccentric Reducer, Grooved	225.68	40.43
		For Galvanized Fittings, Add	*28.30*	
23 21 13 23-1677	EA	6" x 1" Eccentric Reducer, Grooved	1,099.88	34.28
		For Galvanized Fittings, Add	*195.65*	
23 21 13 23-1678	EA	6" x 2" Eccentric Reducer, Grooved	1,013.88	38.50
		For Galvanized Fittings, Add	*178.43*	
23 21 13 23-1679	EA	6" x 2-1/2" Eccentric Reducer, Grooved	1,199.25	40.43
		For Galvanized Fittings, Add	*212.46*	
23 21 13 23-1680	EA	6" x 3" Eccentric Reducer, Grooved	283.73	42.70
		For Galvanized Fittings, Add	*41.00*	
23 21 13 23-1681	EA	6" x 4" Eccentric Reducer, Grooved	263.06	47.17
		For Galvanized Fittings, Add	*35.89*	
23 21 13 23-1682	EA	6" x 5" Eccentric Reducer, Grooved	308.19	51.72
		For Galvanized Fittings, Add	*43.05*	
23 21 13 23-1683	EA	8" x 3" Eccentric Reducer, Grooved	1,183.42	48.35
		For Galvanized Fittings, Add	*207.31*	
23 21 13 23-1684	EA	8" x 4" Eccentric Reducer, Grooved	1,050.11	52.81
		For Galvanized Fittings, Add	*181.18*	
23 21 13 23-1685	EA	8" x 5" Eccentric Reducer, Grooved	989.89	57.28
		For Galvanized Fittings, Add	*168.68*	
23 21 13 23-1686	EA	8" x 6" Eccentric Reducer, Grooved	485.98	64.01
		For Galvanized Fittings, Add	*72.77*	
23 21 13 23-1687	EA	10" x 4" Eccentric Reducer, Grooved	1,869.73	58.71
		For Galvanized Fittings, Add	*332.47*	
23 21 13 23-1688	EA	10" x 5" Eccentric Reducer, Grooved	1,773.39	63.18
		For Galvanized Fittings, Add	*313.23*	
23 21 13 23-1689	EA	10" x 6" Eccentric Reducer, Grooved	1,370.70	69.91
		For Galvanized Fittings, Add	*236.21*	
23 21 13 23-1690	EA	10" x 8" Eccentric Reducer, Grooved	1,184.66	75.55
		For Galvanized Fittings, Add	*199.92*	
23 21 13 23-1691	EA	12" x 4" Eccentric Reducer, Grooved	1,911.90	66.88
		For Galvanized Fittings, Add	*273.38*	
23 21 13 23-1692	EA	12" x 6" Eccentric Reducer, Grooved	1,808.11	78.08
		For Galvanized Fittings, Add	*255.18*	
23 21 13 23-1693	EA	12" x 8" Eccentric Reducer, Grooved	1,773.28	83.73
		For Galvanized Fittings, Add	*248.65*	
23 21 13 23-1694	EA	12" x 10" Eccentric Reducer, Grooved	1,610.30	89.62
		For Galvanized Fittings, Add	*222.72*	
23 21 13 23-1695	EA	14" x 6" Eccentric Reducer, Grooved	4,393.00	84.15
		For Galvanized Fittings, Add	*130.99*	
23 21 13 23-1696	EA	14" x 8" Eccentric Reducer, Grooved	2,862.51	89.79
		For Galvanized Fittings, Add	*83.75*	
23 21 13 23-1697	EA	14" x 10" Eccentric Reducer, Grooved	2,740.20	95.68
		For Galvanized Fittings, Add	*79.72*	
23 21 13 23-1698	EA	14" x 12" Eccentric Reducer, Grooved	2,752.40	103.77
		For Galvanized Fittings, Add	*79.72*	
23 21 13 23-1699	EA	16" x 8" Eccentric Reducer, Grooved	4,855.81	95.76
		For Galvanized Fittings, Add	*144.66*	
23 21 13 23-1700	EA	16" x 10" Eccentric Reducer, Grooved	4,506.88	101.66
		For Galvanized Fittings, Add	*133.68*	
23 21 13 23-1701	EA	16" x 12" Eccentric Reducer, Grooved	4,256.22	109.83
		For Galvanized Fittings, Add	*125.61*	
23 21 13 23-1702	EA	16" x 14" Eccentric Reducer, Grooved	4,265.32	115.90
		For Galvanized Fittings, Add	*125.61*	
23 21 13 23-1703	EA	18" x 10" Eccentric Reducer, Grooved	6,083.28	107.31
		For Galvanized Fittings, Add	*181.82*	
23 21 13 23-1704	EA	18" x 12" Eccentric Reducer, Grooved	5,734.18	115.39
		For Galvanized Fittings, Add	*170.73*	
23 21 13 23-1705	EA	18" x 14" Eccentric Reducer, Grooved	5,234.72	121.46
		For Galvanized Fittings, Add	*155.11*	
23 21 13 23-1706	EA	18" x 16" Eccentric Reducer, Grooved	5,243.82	127.61
		For Galvanized Fittings, Add	*155.11*	
23 21 13 23-1707	EA	20" x 10" Eccentric Reducer, Grooved	7,969.37	110.09
		For Galvanized Fittings, Add	*239.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1708	EA	20" x 12" Eccentric Reducer, Grooved	5,950.03	118.26
		For Galvanized Fittings, Add	*177.22*	
23 21 13 23-1709	EA	20" x 14" Eccentric Reducer, Grooved	5,598.24	124.33
		For Galvanized Fittings, Add	*166.15*	
23 21 13 23-1710	EA	20" x 16" Eccentric Reducer, Grooved	5,519.65	130.31
		For Galvanized Fittings, Add	*163.46*	
23 21 13 23-1711	EA	20" x 18" Eccentric Reducer, Grooved	5,324.17	135.94
		For Galvanized Fittings, Add	*157.19*	
23 21 13 23-1712	EA	24" x 12" Eccentric Reducer, Grooved	11,493.65	130.64
		For Galvanized Fittings, Add	*346.84*	
23 21 13 23-1713	EA	24" x 14" Eccentric Reducer, Grooved	9,833.76	136.62
		For Galvanized Fittings, Add	*295.61*	
23 21 13 23-1714	EA	24" x 16" Eccentric Reducer, Grooved	9,842.92	142.77
		For Galvanized Fittings, Add	*295.61*	
23 21 13 23-1715	EA	24" x 18" Eccentric Reducer, Grooved	9,304.70	148.33
		For Galvanized Fittings, Add	*278.83*	
23 21 13 23-1716	EA	24" x 20" Eccentric Reducer, Grooved	8,514.77	151.19
		For Galvanized Fittings, Add	*254.44*	

23 21 13 23-1717 Close Nipple, Grooved *(23 21 13 23-1555)*

Note: Victaulic No. 143

23 21 13 23-1718	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	37.68	11.12
		For Galvanized Fittings, Add	*3.75*	
		For 300 LB Rating, Add	*3.12*	
		For Galvanized Fittings, Add	*5.33*	
23 21 13 23-1719	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	43.76	13.90
		For Galvanized Fittings, Add	*4.09*	
		For 300 LB Rating, Add	*3.41*	
		For Galvanized Fittings, Add	*5.81*	
23 21 13 23-1720	EA	2" Ductile Iron, Grooved, Close Nipple	55.16	18.35
		For Galvanized Fittings, Add	*4.92*	
		For 300 LB Rating, Add	*4.10*	
		For Galvanized Fittings, Add	*7.00*	
23 21 13 23-1721	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	66.04	22.23
		For Galvanized Fittings, Add	*5.82*	
		For 300 LB Rating, Add	*4.85*	
		For Galvanized Fittings, Add	*8.28*	

23 21 13 23-1722 Grooved Couplings *(23 21 13 23-1312)*

23 21 13 23-1723 Flexible Grooved Coupling *(23 21 13 23-1722)*

Note: Victaulic Style 77

23 21 13 23-1724	EA	3/4" Standard Coupling, Grooved	27.10	4.55
		For Galvanized Fittings, Add	*5.66*	
23 21 13 23-1725	EA	1" Standard Coupling, Grooved	27.10	4.55
		For Galvanized Fittings, Add	*5.66*	
23 21 13 23-1726	EA	1-1/4" Standard Coupling, Grooved	35.51	5.73
		For Galvanized Fittings, Add	*7.53*	
23 21 13 23-1727	EA	1-1/2" Standard Coupling, Grooved	39.67	6.82
		For Galvanized Fittings, Add	*8.23*	
23 21 13 23-1728	EA	2" Standard Coupling, Grooved	44.83	9.18
		For Galvanized Fittings, Add	*8.70*	
23 21 13 23-1729	EA	2-1/2" Standard Coupling, Grooved	53.96	11.20
		For Galvanized Fittings, Add	*10.41*	
23 21 13 23-1730	EA	3" Standard Coupling, Grooved	57.21	13.40
		For Galvanized Fittings, Add	*10.41*	
23 21 13 23-1731	EA	3-1/2" Standard Coupling, Grooved	83.44	15.67
		For Galvanized Fittings, Add	*16.77*	
23 21 13 23-1732	EA	4" Standard Coupling, Grooved	86.73	17.85
		For Galvanized Fittings, Add	*16.77*	
23 21 13 23-1733	EA	5" Standard Coupling, Grooved	125.40	22.40
		For Galvanized Fittings, Add	*25.72*	
23 21 13 23-1734	EA	6" Standard Coupling, Grooved	152.45	29.23
		For Galvanized Fittings, Add	*30.40*	
23 21 13 23-1735	EA	8" Standard Coupling, Grooved	229.23	34.87
		For Galvanized Fittings, Add	*49.56*	
23 21 13 23-1736	EA	10" Standard Coupling, Grooved	356.83	41.78
		For Galvanized Fittings, Add	*82.36*	
23 21 13 23-1737	EA	12" Standard Coupling, Grooved	403.48	45.73
		For Galvanized Fittings, Add	*93.78*	
23 21 13 23-1738	EA	14" Standard Coupling, Grooved	498.28	60.98
		For Galvanized Fittings, Add	*113.93*	
23 21 13 23-1739	EA	16" Standard Coupling, Grooved	643.37	73.20
		For Galvanized Fittings, Add	*149.44*	
23 21 13 23-1740	EA	18" Standard Coupling, Grooved	746.90	81.28
		For Galvanized Fittings, Add	*175.01*	
23 21 13 23-1741	EA	20" Standard Coupling, Grooved	1,120.38	91.48
		For Galvanized Fittings, Add	*275.32*	
23 21 13 23-1742	EA	24" Standard Coupling, Grooved	1,247.06	112.53
		For Galvanized Fittings, Add	*301.93*	

23 21 13 23-1743 Zero-Flex® Rigid Coupling *(23 21 13 23-1722)*

Note: Victaulic Style 07

23 21 13 23-1744	EA	1" Rigid Coupling, Grooved	35.01	4.55
		For Galvanized Fittings, Add	*6.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1745	EA	1-1/4" Rigid Coupling, Grooved	36.74	5.73
		For Galvanized Fittings, Add	*6.89*	
23 21 13 23-1746	EA	1-1/2" Rigid Coupling, Grooved	38.40	6.82
		For Galvanized Fittings, Add	*6.89*	
23 21 13 23-1747	EA	2" Rigid Coupling, Grooved	42.60	9.18
		For Galvanized Fittings, Add	*7.07*	
23 21 13 23-1748	EA	2-1/2" Rigid Coupling, Grooved	50.02	11.20
		For Galvanized Fittings, Add	*8.15*	
23 21 13 23-1749	EA	3" Rigid Coupling, Grooved	53.27	13.40
		For Galvanized Fittings, Add	*8.15*	
23 21 13 23-1750	EA	3-1/2" Rigid Coupling, Grooved	62.39	15.67
		For Galvanized Fittings, Add	*9.52*	
23 21 13 23-1751	EA	4" Rigid Coupling, Grooved	81.89	17.85
		For Galvanized Fittings, Add	*13.49*	
23 21 13 23-1752	EA	5" Rigid Coupling, Grooved	105.05	22.40
		For Galvanized Fittings, Add	*17.52*	
23 21 13 23-1753	EA	6" Rigid Coupling, Grooved	139.46	29.23
		For Galvanized Fittings, Add	*23.42*	
23 21 13 23-1754	EA	8" Rigid Coupling, Grooved	202.83	34.87
		For Galvanized Fittings, Add	*36.90*	
23 21 13 23-1755	EA	10" Rigid Coupling, Grooved	332.52	41.78
		For Galvanized Fittings, Add	*66.11*	
23 21 13 23-1756	EA	12" Rigid Coupling, Grooved	370.52	45.73
		For Galvanized Fittings, Add	*73.98*	
23 21 13 23-1757	EA	14" Rigid Coupling, Grooved	485.92	60.98
		For Galvanized Fittings, Add	*96.66*	
23 21 13 23-1758	EA	16" Rigid Coupling, Grooved	624.22	73.20
		For Galvanized Fittings, Add	*126.06*	
23 21 13 23-1759	EA	18" Rigid Coupling, Grooved	716.69	81.28
		For Galvanized Fittings, Add	*145.73*	
23 21 13 23-1760	EA	20" Rigid Coupling, Grooved	845.27	91.48
		For Galvanized Fittings, Add	*173.50*	
23 21 13 23-1761	EA	24" Rigid Coupling, Grooved	1,211.83	112.53
		For Galvanized Fittings, Add	*255.56*	

23 21 13 23-1762 Large Diameter Grooved Coupling *(23 21 13 23-1722)*

Note: Victaulic Style 770

23 21 13 23-1763	EA	28" Coupling, Grooved	1,285.23	22.40
		For Galvanized Fittings, Add	*175.24*	
23 21 13 23-1764	EA	30" Coupling, Grooved	1,484.96	29.23
		For Galvanized Fittings, Add	*201.75*	
23 21 13 23-1765	EA	32" Coupling, Grooved	2,210.35	34.87
		For Galvanized Fittings, Add	*302.14*	
23 21 13 23-1766	EA	36" Coupling, Grooved	2,937.81	41.78
		For Galvanized Fittings, Add	*402.52*	
23 21 13 23-1767	EA	42" Coupling, Grooved	5,883.25	45.73
		For Galvanized Fittings, Add	*814.06*	

23 21 13 23-1768 Flexible Coupling *(23 21 13 23-1722)*

Note: Victaulic Style 75

23 21 13 23-1769	EA	1-1/2" Flexible Coupling, Grooved	35.84	6.82
		For Galvanized Fittings, Add	*6.55*	
23 21 13 23-1770	EA	2" Flexible Coupling, Grooved	39.98	9.18
		For Galvanized Fittings, Add	*6.71*	
23 21 13 23-1771	EA	2-1/2" Flexible Coupling, Grooved	47.16	11.20
		For Galvanized Fittings, Add	*7.78*	
23 21 13 23-1772	EA	3" Flexible Coupling, Grooved	55.36	13.40
		For Galvanized Fittings, Add	*9.05*	
23 21 13 23-1773	EA	3-1/2" Flexible Coupling, Grooved	73.59	15.67
		For Galvanized Fittings, Add	*12.82*	
23 21 13 23-1774	EA	4" Flexible Coupling, Grooved	76.88	17.85
		For Galvanized Fittings, Add	*12.82*	
23 21 13 23-1775	EA	5" Flexible Coupling, Grooved	105.77	22.40
		For Galvanized Fittings, Add	*18.49*	
23 21 13 23-1776	EA	6" Flexible Coupling, Grooved	130.88	29.23
		For Galvanized Fittings, Add	*22.27*	
23 21 13 23-1777	EA	8" Flexible Coupling, Grooved	189.00	34.87
		For Galvanized Fittings, Add	*35.01*	

23 21 13 23-1778 Installation-Ready™ Coupling *(23 21 13 23-1722)*

Note: Victaulic Style 009N

23 21 13 23-1779	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	43.14	4.26
		For Galvanized Fittings, Add	*9.40*	
23 21 13 23-1780	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	45.17	5.08
		For Galvanized Fittings, Add	*9.59*	
23 21 13 23-1781	EA	2" Ductile Iron, Installation-Ready™ Coupling	52.73	6.83
		For Galvanized Fittings, Add	*10.85*	
23 21 13 23-1782	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	61.36	8.28
		For Galvanized Fittings, Add	*12.50*	
23 21 13 23-1783	EA	3" Ductile Iron, Installation-Ready™ Coupling	70.32	9.95
		For Galvanized Fittings, Add	*14.14*	
23 21 13 23-1784	EA	4" Ductile Iron, Installation-Ready™ Coupling	97.69	13.29
		For Galvanized Fittings, Add	*19.86*	
23 21 13 23-1785	EA	5" Ductile Iron, Installation-Ready™ Coupling	152.05	16.63
		For Galvanized Fittings, Add	*32.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1786	EA	6" Ductile Iron, Installation-Ready™ Coupling	184.52	21.74
		For Galvanized Fittings, Add	*38.81*	
23 21 13 23-1787	EA	8" Ductile Iron, Installation-Ready™ Coupling	292.44	25.85
		For Galvanized Fittings, Add	*64.84*	

23 21 13 23-1788 Grooved Strainers And Suction Diffusers *(23 21 13 23-1312)*

23 21 13 23-1789 Grooved Wye Strainers *(23 21 13 23-1788)*

Note: Victaulic Style 732

23 21 13 23-1790	EA	2" Wye Strainer, Grooved	613.98	18.53
23 21 13 23-1791	EA	2-1/2" Wye Strainer, Grooved	649.56	22.48
23 21 13 23-1792	EA	3" Wye Strainer, Grooved	732.53	26.95
23 21 13 23-1793	EA	4" Wye Strainer, Grooved	836.82	35.97
23 21 13 23-1794	EA	5" Wye Strainer, Grooved	1,201.54	44.98
23 21 13 23-1795	EA	6" Wye Strainer, Grooved	1,319.36	58.46
23 21 13 23-1796	EA	8" Wye Strainer, Grooved	1,992.59	69.66
23 21 13 23-1797	EA	10" Wye Strainer, Grooved	3,157.13	81.45
23 21 13 23-1798	EA	12" Wye Strainer, Grooved	5,448.60	97.79

23 21 13 23-1799 Grooved Tee Type Strainers *(23 21 13 23-1788)*

Note: Victaulic Style 730

23 21 13 23-1800	EA	1-1/2" Tee Type Strainer, Grooved	473.41	14.07
23 21 13 23-1801	EA	2" Tee Type Strainer, Grooved	606.75	18.53
23 21 13 23-1802	EA	2-1/2" Tee Type Strainer, Grooved	642.03	22.48
23 21 13 23-1803	EA	3" Tee Type Strainer, Grooved	724.03	26.95
23 21 13 23-1804	EA	4" Tee Type Strainer, Grooved	827.19	35.97
23 21 13 23-1805	EA	5" Tee Type Strainer, Grooved	1,187.52	44.98
23 21 13 23-1806	EA	6" Tee Type Strainer, Grooved	1,304.24	58.46
23 21 13 23-1807	EA	8" Tee Type Strainer, Grooved	1,969.17	69.66
23 21 13 23-1808	EA	10" Tee Type Strainer, Grooved	2,860.71	81.45
23 21 13 23-1809	EA	12" Tee Type Strainer, Grooved	3,671.87	97.79
23 21 13 23-1810	EA	14" Tee Type Strainer, Grooved	12,731.75	110.09
23 21 13 23-1811	EA	16" Tee Type Strainer, Grooved	15,801.24	121.88
23 21 13 23-1812	EA	18" Tee Type Strainer, Grooved	20,742.43	133.16

23 21 13 23-1813 Grooved Suction Diffuser *(23 21 13 23-1788)*

Note: Victaulic Style 731

23 21 13 23-1814	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	1,233.41	20.80
23 21 13 23-1815	EA	3" Grooved x 2" Flanged Suction Diffuser	1,310.38	23.00
23 21 13 23-1816	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	957.95	26.95
23 21 13 23-1817	EA	3" Grooved x 3" Flanged Suction Diffuser	973.31	29.23
23 21 13 23-1818	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	1,051.75	29.23
23 21 13 23-1819	EA	4" Grooved x 3" Flanged Suction Diffuser	1,134.65	31.50
23 21 13 23-1820	EA	4" Grooved x 4" Flanged Suction Diffuser	1,306.95	31.50
23 21 13 23-1821	EA	5" Grooved x 4" Flanged Suction Diffuser	1,464.51	40.43
23 21 13 23-1822	EA	5" Grooved x 5" Flanged Suction Diffuser	1,539.12	42.70
23 21 13 23-1823	EA	6" Grooved x 4" Flanged Suction Diffuser	1,567.57	47.17
23 21 13 23-1824	EA	6" Grooved x 5" Flanged Suction Diffuser	1,868.05	51.72
23 21 13 23-1825	EA	6" Grooved x 6" Flanged Suction Diffuser	1,941.70	55.08
23 21 13 23-1826	EA	8" Grooved x 5" Flanged Suction Diffuser	1,993.16	57.28
23 21 13 23-1827	EA	8" Grooved x 6" Flanged Suction Diffuser	2,107.20	64.01
23 21 13 23-1828	EA	8" Grooved x 8" Flanged Suction Diffuser	3,565.44	69.66
23 21 13 23-1829	EA	10" Grooved x 8" Flanged Suction Diffuser	4,018.57	75.30
23 21 13 23-1830	EA	10" Grooved x 10" Flanged Suction Diffuser	4,822.96	78.08
23 21 13 23-1831	EA	12" Grooved x 10" Flanged Suction Diffuser	5,704.70	89.88
23 21 13 23-1832	EA	12" Grooved x 12" Flanged Suction Diffuser	7,891.16	95.51
23 21 13 23-1833	EA	14" Grooved x 10" Flanged Suction Diffuser	7,354.23	95.51
23 21 13 23-1834	EA	14" Grooved x 12" Flanged Suction Diffuser	8,210.60	103.94
23 21 13 23-1835	EA	14" Grooved x 14" Flanged Suction Diffuser	9,946.35	110.09
23 21 13 23-1836	EA	16" Grooved x 14" Flanged Suction Diffuser	10,242.64	115.73

23 21 13 23-1837 Grooved Steel Valves *(23 21 13 23-1312)*

23 21 13 23-1838 Grooved Butterfly Valves With Standard Trim *(23 21 13 23-1837)*

23 21 13 23-1839	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	189.60	9.18
23 21 13 23-1840	EA	2" Butterfly Valve, Grooved, With Standard Trim	193.95	12.05
23 21 13 23-1841	EA	3" Butterfly Valve, Grooved, With Standard Trim	317.79	17.85
23 21 13 23-1842	EA	4" Butterfly Valve, Grooved, With Standard Trim	426.75	23.50
23 21 13 23-1843	EA	6" Butterfly Valve, Grooved, With Standard Trim	928.54	38.50
23 21 13 23-1844	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,287.00	54.16
23 21 13 23-1845	EA	10" Butterfly Valve, Grooved, With Standard Trim	1,930.86	73.20

23 21 13 23-1846 Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1837)*

23 21 13 23-1847	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	283.80	9.18
23 21 13 23-1848	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	288.15	12.05
23 21 13 23-1849	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	445.49	17.85
23 21 13 23-1850	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	567.01	23.50
23 21 13 23-1851	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,083.45	38.50
23 21 13 23-1852	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	1,797.77	54.16
23 21 13 23-1853	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	2,831.00	73.20

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1854		**Grooved Ball Valves With Standard Trim And Handle** *(23 21 13 23-1837)* Note: Victaulic No. 721		
23 21 13 23-1855	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	160.32	9.01
23 21 13 23-1856	EA	2" Ball Valve, Grooved, With Standard Trim	184.03	12.38
23 21 13 23-1857	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	417.18	15.16
23 21 13 23-1858	EA	3" Ball Valve, Grooved, With Standard Trim	682.48	17.95
23 21 13 23-1859	EA	4" Ball Valve, Grooved, With Standard Trim	1,061.79	23.58
23 21 13 23-1860	EA	6" Ball Valve, Grooved, With Standard Trim	3,293.22	38.75
23 21 13 23-1861		**Grooved Ball Valves With Stainless Steel Trim And Handle** *(23 21 13 23-1837)* Note: Victaulic No. 721		
23 21 13 23-1862	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	170.63	9.01
23 21 13 23-1863	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	291.12	12.38
23 21 13 23-1864	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	754.88	15.16
23 21 13 23-1865	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	975.79	17.95
23 21 13 23-1866	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	1,332.83	23.58
23 21 13 23-1867	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	3,629.08	38.75
23 21 13 23-1868		**Grooved Check Valves** *(23 21 13 23-1837)* Note: Victaulic No. 712		
23 21 13 23-1869	EA	2" Check Valve, Grooved	242.99	12.38
23 21 13 23-1870	EA	2-1/2" Check Valve, Grooved	393.37	15.16
23 21 13 23-1871	EA	3" Check Valve, Grooved	458.39	17.95
23 21 13 23-1872	EA	4" Check Valve, Grooved	649.34	23.58
23 21 13 23-1873		**Grooved Vic-Check Check Valves** *(23 21 13 23-1837)* Note: Victaulic No. 716		
23 21 13 23-1874	EA	2-1/2" "Vic-Check" Check Valve, Grooved	315.05	15.16
23 21 13 23-1875	EA	3" "Vic-Check" Check Valve, Grooved	319.14	17.95
23 21 13 23-1876	EA	4" "Vic-Check" Check Valve, Grooved	400.23	23.58
23 21 13 23-1877	EA	6" "Vic-Check" Check Valve, Grooved	778.48	38.75
23 21 13 23-1878	EA	8" "Vic-Check" Check Valve, Grooved	1,065.42	53.91
23 21 13 23-1879	EA	10" "Vic-Check" Check Valve, Grooved	2,959.55	73.03
23 21 13 23-1880	EA	12" "Vic-Check" Check Valve, Grooved	3,504.13	84.31
23 21 13 23-1881		**Grooved Plug Valves With Lever Operator** *(23 21 13 23-1837)* Note: Victaulic No. 377		
23 21 13 23-1882	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	381.65	17.95
23 21 13 23-1883	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	425.75	23.58
23 21 13 23-1884	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	758.02	38.75
23 21 13 23-1885		**Grooved Plug Valve With Gear Operator** *(23 21 13 23-1837)* Note: Victaulic No. 377		
23 21 13 23-1886	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	667.82	17.95
23 21 13 23-1887	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	711.95	23.58
23 21 13 23-1888	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	1,044.21	38.75
23 21 13 23-1889	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	1,398.05	53.91
23 21 13 23-1890	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	2,186.83	73.03
23 21 13 23-1891	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	3,152.36	84.31
23 21 13 23-1892		**Prepare Pipe For Groove** *(23 21 13 23-1312)*		
23 21 13 23-1893		**Cut Grooved Pipe** *(23 21 13 23-1892)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-1894	EA	Cut 3/4" Groove	8.83	
23 21 13 23-1895	EA	Cut 1" Groove	9.58	
23 21 13 23-1896	EA	Cut 1-1/4" Groove	10.82	
23 21 13 23-1897	EA	Cut 1-1/2" Groove	11.77	
23 21 13 23-1898	EA	Cut 2" Groove	12.89	
23 21 13 23-1899	EA	Cut 2-1/2" Groove	13.97	
23 21 13 23-1900	EA	Cut 3" Groove	15.24	
23 21 13 23-1901	EA	Cut 3-1/2" Groove	16.16	
23 21 13 23-1902	EA	Cut 4" Groove	17.19	
23 21 13 23-1903	EA	Cut 5" Groove	18.63	
23 21 13 23-1904	EA	Cut 6" Groove	19.16	
23 21 13 23-1905	EA	Cut 8" Groove	24.84	
23 21 13 23-1906	EA	Cut 10" Groove	35.30	
23 21 13 23-1907	EA	Cut 12" Groove	44.71	
23 21 13 23-1908	EA	Cut 14" Groove	67.06	
23 21 13 23-1909	EA	Cut 16" Groove	70.59	
23 21 13 23-1910	EA	Cut 18" Groove	74.51	
23 21 13 23-1911	EA	Cut 20" Groove	78.90	
23 21 13 23-1912	EA	Cut 24" Groove	89.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1913		**Roll Grooved Pipe** *(23 21 13 23-1892)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-1914	EA	Roll 3/4" Groove	5.04	
23 21 13 23-1915	EA	Roll 1" Groove	5.88	
23 21 13 23-1916	EA	Roll 1-1/4" Groove	6.70	
23 21 13 23-1917	EA	Roll 1-1/2" Groove	7.54	
23 21 13 23-1918	EA	Roll 2" Groove	11.56	
23 21 13 23-1919	EA	Roll 2-1/2" Groove	12.19	
23 21 13 23-1920	EA	Roll 3" Groove	13.42	
23 21 13 23-1921	EA	Roll 3-1/2" Groove	14.27	
23 21 13 23-1922	EA	Roll 4" Groove	15.60	
23 21 13 23-1923	EA	Roll 5" Groove	15.96	
23 21 13 23-1924	EA	Roll 6" Groove	16.77	
23 21 13 23-1925	EA	Roll 8" Groove	20.32	
23 21 13 23-1926	EA	Roll 10" Groove	23.13	
23 21 13 23-1927	EA	Roll 12" Groove	29.16	
23 21 13 23-1928	EA	Roll 14" Groove	44.71	
23 21 13 23-1929	EA	Roll 16" Groove	47.90	
23 21 13 23-1930	EA	Roll 18" Groove	49.68	
23 21 13 23-1931	EA	Roll 20" Groove	53.65	
23 21 13 23-1932	EA	Roll 24" Groove	58.31	
23 21 13 23-1933		**Standard Gaskets** *(23 21 13 23-1892)* Note: For use on replacement of existing gaskets.		
23 21 13 23-1934	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.10	
23 21 13 23-1935	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.80	
23 21 13 23-1936	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	19.68	
23 21 13 23-1937	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	21.58	
23 21 13 23-1938	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.09	
23 21 13 23-1939	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	25.86	
23 21 13 23-1940	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	28.36	
23 21 13 23-1941	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	34.91	
23 21 13 23-1942	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.32	
23 21 13 23-1943	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	43.97	
23 21 13 23-1944	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	47.28	
23 21 13 23-1945	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	64.18	
23 21 13 23-1946	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	80.49	
23 21 13 23-1947	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	94.96	
23 21 13 23-1948	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	132.64	
23 21 13 23-1949	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	177.00	
23 21 13 23-1950	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	209.64	
23 21 13 23-1951	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	310.75	
23 21 13 23-1952	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	425.41	
23 21 13 23-1953		**Copper Grooved-Joint Pipe Fittings** *(23 21 13 23)* Note: Couplings are not included with fittings.		
23 21 13 23-1954		**Grooved Fittings** *(23 21 13 23-1953)*		
23 21 13 23-1955		**Grooved 90 Degree Elbows** *(23 21 13 23-1954)*		
23 21 13 23-1956	EA	2" Copper 90 Degree Elbow, Grooved	75.03	13.73
23 21 13 23-1957	EA	2-1/2" Copper 90 Degree Elbow, Grooved	84.95	16.76
23 21 13 23-1958	EA	3" Copper 90 Degree Elbow, Grooved	112.66	20.30
23 21 13 23-1959	EA	4" Copper 90 Degree Elbow, Grooved	218.95	26.78
23 21 13 23-1960	EA	5" Copper 90 Degree Elbow, Grooved	535.61	33.53
23 21 13 23-1961	EA	6" Copper 90 Degree Elbow, Grooved	835.48	43.88
23 21 13 23-1962	EA	8" Copper 90 Degree Elbow, Grooved	1,508.17	52.23
23 21 13 23-1963		**Grooved 45 Degree Elbows** *(23 21 13 23-1954)*		
23 21 13 23-1964	EA	2" Copper 45 Degree Elbow, Grooved	75.03	13.73
23 21 13 23-1965	EA	2-1/2" Copper 45 Degree Elbow, Grooved	84.95	16.76
23 21 13 23-1966	EA	3" Copper 45 Degree Elbow, Grooved	112.66	20.30
23 21 13 23-1967	EA	4" Copper 45 Degree Elbow, Grooved	218.95	26.78
23 21 13 23-1968	EA	5" Copper 45 Degree Elbow, Grooved	535.61	33.53
23 21 13 23-1969	EA	6" Copper 45 Degree Elbow, Grooved	835.48	43.88
23 21 13 23-1970	EA	8" Copper 45 Degree Elbow, Grooved	1,508.17	52.23
23 21 13 23-1971		**Grooved Tees** *(23 21 13 23-1954)*		
23 21 13 23-1972	EA	2" Copper Tee, Grooved	118.36	20.22
23 21 13 23-1973	EA	2-1/2" Copper Tee, Grooved	132.33	24.85
23 21 13 23-1974	EA	3" Copper Tee, Grooved	183.96	30.50
23 21 13 23-1975	EA	4" Copper Tee, Grooved	348.54	39.42
23 21 13 23-1976	EA	5" Copper Tee, Grooved	1,289.70	51.55
23 21 13 23-1977	EA	6" Copper Tee, Grooved	1,061.16	64.52
23 21 13 23-1978	EA	8" Copper Tee, Grooved	1,821.14	78.33
23 21 13 23-1979		**Grooved Reducing Tees** *(23 21 13 23-1954)*		
23 21 13 23-1980	EA	2-1/2" Copper Tee, Reducing, Grooved	172.89	24.85
23 21 13 23-1981	EA	3" Copper Tee, Reducing, Grooved	270.08	30.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1982	EA	4" Copper Tee, Reducing, Grooved	433.14	39.50
23 21 13 23-1983	EA	5" Copper Tee, Reducing, Grooved	1,184.32	51.63
23 21 13 23-1984	EA	6" Copper Tee, Reducing, Grooved	1,449.02	64.52
23 21 13 23-1985		Grooved X Cup Reducing Tees *(23 21 13 23-1954)*		
23 21 13 23-1986	EA	2" Copper Tee, Reducing, Grooved X Cup	140.05	20.22
23 21 13 23-1987	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	173.33	24.85
23 21 13 23-1988	EA	3" Copper Tee, Reducing, Grooved X Cup	289.60	30.50
23 21 13 23-1989	EA	4" Copper Tee, Reducing, Grooved X Cup	433.14	39.42
23 21 13 23-1990		Grooved Flanged Adapter Nipples *(23 21 13 23-1954)*		
23 21 13 23-1991	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	234.87	14.91
23 21 13 23-1992	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	249.67	18.11
23 21 13 23-1993	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	266.86	21.65
23 21 13 23-1994	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	303.42	29.15
23 21 13 23-1995	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	400.08	35.30
23 21 13 23-1996	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	453.90	47.68
23 21 13 23-1997		Grooved Concentric Reducers *(23 21 13 23-1954)*		
23 21 13 23-1998	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	98.85	15.33
23 21 13 23-1999	EA	3" x 2" Copper Concentric Reducer, Grooved	102.22	17.10
23 21 13 23-2000	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	108.75	20.30
23 21 13 23-2001	EA	4" x 2" Copper Concentric Reducer, Grooved	180.12	20.47
23 21 13 23-2002	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	183.07	21.90
23 21 13 23-2003	EA	4" x 3" Copper Concentric Reducer, Grooved	186.44	23.58
23 21 13 23-2004	EA	5" x 3" Copper Concentric Reducer, Grooved	445.68	26.95
23 21 13 23-2005	EA	5" x 4" Copper Concentric Reducer, Grooved	452.42	30.32
23 21 13 23-2006	EA	6" x 3" Copper Concentric Reducer, Grooved	488.10	32.01
23 21 13 23-2007	EA	6" x 4" Copper Concentric Reducer, Grooved	494.83	35.38
23 21 13 23-2008	EA	6" x 5" Copper Concentric Reducer, Grooved	501.58	38.75
23 21 13 23-2009	EA	8" x 6" Copper Concentric Reducer, Grooved	840.29	48.01
23 21 13 23-2010		Grooved X Cup Concentric Reducers *(23 21 13 23-1954)*		
23 21 13 23-2011	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	77.89	10.78
23 21 13 23-2012	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	78.73	11.20
23 21 13 23-2013	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	81.31	12.47
23 21 13 23-2014	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	93.04	12.05
23 21 13 23-2015	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	93.88	12.47
23 21 13 23-2016	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	96.36	13.73
23 21 13 23-2017	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	99.72	15.33
23 21 13 23-2018	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	116.42	15.33
23 21 13 23-2019	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	119.79	17.10
23 21 13 23-2020	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	199.86	20.38
23 21 13 23-2021		Grooved Standard Couplings *(23 21 13 23-1954)*		
23 21 13 23-2022	EA	2" Copper Standard Coupling, Grooved	30.14	6.90
23 21 13 23-2023	EA	2-1/2" Copper Standard Coupling, Grooved	35.54	8.42
23 21 13 23-2024	EA	3" Copper Standard Coupling, Grooved	40.68	10.02
23 21 13 23-2025	EA	4" Copper Standard Coupling, Grooved	58.45	13.48
23 21 13 23-2026	EA	5" Copper Standard Coupling, Grooved	87.34	16.76
23 21 13 23-2027	EA	6" Copper Standard Coupling, Grooved	114.93	21.90
23 21 13 23-2028	EA	8" Copper Standard Coupling, Grooved	162.86	26.11
23 21 13 23-2029		Grooved Caps *(23 21 13 23-1954)*		
23 21 13 23-2030	EA	2" Copper Cap, Grooved	46.51	6.90
23 21 13 23-2031	EA	2-1/2" Copper Cap, Grooved	65.36	8.42
23 21 13 23-2032	EA	3" Copper Cap, Grooved	80.32	10.02
23 21 13 23-2033	EA	4" Copper Cap, Grooved	117.28	13.40
23 21 13 23-2034	EA	5" Copper Cap, Grooved	193.93	16.76
23 21 13 23-2035	EA	6" Copper Cap, Grooved	228.47	21.90
23 21 13 23-2036		Grooved Valves *(23 21 13 23-1953)*		
23 21 13 23-2037		Grooved Butterfly Valves, Standard Trim, Without Operator *(23 21 13 23-2036)*		
		Note: Copper body.		
23 21 13 23-2038	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	312.35	9.01
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2039	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	356.39	13.40
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2040	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	471.09	17.60
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2041	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	630.53	28.90
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2042	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	698.29	40.60
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

23 21 13 23-2043 Grooved Butterfly Valves, Standard Trim, With Operator *(23 21 13 23-2036)*

Note: Copper body.

23 21 13 23-2044	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	380.86	9.01
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2045	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	424.95	13.40
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2046	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	539.64	17.60
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2047	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	699.13	28.90
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2048	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	766.85	40.60
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

23 21 13 23-2049 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23)*

Note: Socket or back weld.

23 21 13 23-2050 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2049)*

Note: ASTM D1785 with D2466 fittings.

23 21 13 23-2051 Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2050)*

23 21 13 23-2052	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	3.82	2.41
		For Work In Restricted Working Space, Add	*1.08*	
23 21 13 23-2053	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.79	3.01
		For Work In Restricted Working Space, Add	*1.36*	
23 21 13 23-2054	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.19	3.21
		For Work In Restricted Working Space, Add	*1.44*	
23 21 13 23-2055	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.68	3.45
		For Work In Restricted Working Space, Add	*1.55*	
23 21 13 23-2056	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.84	3.51
		For Work In Restricted Working Space, Add	*1.58*	
23 21 13 23-2057	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.09	4.21
		For Work In Restricted Working Space, Add	*1.89*	
23 21 13 23-2058	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.73	4.99
		For Work In Restricted Working Space, Add	*2.25*	
23 21 13 23-2059	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.67	6.04
		For Work In Restricted Working Space, Add	*2.72*	
23 21 13 23-2060	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	15.91	9.06
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2061	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	22.17	12.08
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2062	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	27.75	14.39
		For Work In Restricted Working Space, Add	*6.48*	
23 21 13 23-2063	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	42.92	16.08
		For Work In Restricted Working Space, Add	*7.23*	

23 21 13 23-2064 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2050)*

23 21 13 23-2065	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	13.87	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2066	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	18.51	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2067	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	23.15	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2068	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	33.05	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2069	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	37.19	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2070	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	47.65	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2071	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	73.83	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2072	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	96.41	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2073	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	119.13	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2074	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	153.47	80.28
		For Work In Restricted Working Space, Add	*36.10*	
23 21 13 23-2075	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	225.70	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2076	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	337.17	139.66
		For Work In Restricted Working Space, Add	*62.79*	

23 21 13 23-2077 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2050)*

23 21 13 23-2078	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	14.00	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2079	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	18.78	12.05
		For Work In Restricted Working Space, Add	*5.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2080	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	23.54	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2081	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	33.30	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2082	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	37.74	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2083	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	48.01	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2084	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	73.83	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2085	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	98.72	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2086	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	123.35	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2087	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	153.85	80.28
		For Work In Restricted Working Space, Add	*36.10*	
23 21 13 23-2088	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	221.04	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2089	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	337.17	139.66
		For Work In Restricted Working Space, Add	*62.79*	

23 21 13 23-2090 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2050)*

23 21 13 23-2091	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	22.79	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2092	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	27.53	18.11
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-2093	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	36.53	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2094	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	46.63	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2095	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	55.69	36.22
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-2096	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	69.34	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2097	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	95.17	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2098	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	113.81	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2099	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	155.82	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2100	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	233.19	120.78
		For Work In Restricted Working Space, Add	*54.34*	
23 21 13 23-2101	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	345.35	149.84
		For Work In Restricted Working Space, Add	*67.38*	
23 21 13 23-2102	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	808.16	223.89
		For Work In Restricted Working Space, Add	*100.70*	

23 21 13 23-2103 Schedule 40 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2050)*

23 21 13 23-2104	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	28.60	18.70
		For Work In Restricted Working Space, Add	*8.42*	
23 21 13 23-2105	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	34.53	22.66
		For Work In Restricted Working Space, Add	*10.19*	
23 21 13 23-2106	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	45.89	29.90
		For Work In Restricted Working Space, Add	*13.44*	
23 21 13 23-2107	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	58.65	37.98
		For Work In Restricted Working Space, Add	*17.08*	
23 21 13 23-2108	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	70.05	45.31
		For Work In Restricted Working Space, Add	*20.38*	
23 21 13 23-2109	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	87.30	56.18
		For Work In Restricted Working Space, Add	*25.27*	
23 21 13 23-2110	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	121.03	73.95
		For Work In Restricted Working Space, Add	*33.25*	
23 21 13 23-2111	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	144.95	87.76
		For Work In Restricted Working Space, Add	*39.48*	
23 21 13 23-2112	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	199.68	117.08
		For Work In Restricted Working Space, Add	*52.64*	
23 21 13 23-2113	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	307.91	150.94
		For Work In Restricted Working Space, Add	*67.90*	
23 21 13 23-2114	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	469.89	187.16
		For Work In Restricted Working Space, Add	*84.18*	
23 21 13 23-2115	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	1,160.46	279.98
		For Work In Restricted Working Space, Add	*125.94*	

23 21 13 23-2116 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2050)*

23 21 13 23-2117	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	18.37	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2118	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	22.98	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2119	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	32.47	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2120	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	36.56	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2121	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	46.74	30.41
		For Work In Restricted Working Space, Add	*13.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2122	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	69.31	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2123	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	91.55	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2124	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	111.82	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2125	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	136.57	80.28
		For Work In Restricted Working Space, Add	*36.10*	
23 21 13 23-2126	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	233.74	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2127	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	266.73	108.74
		For Work In Restricted Working Space, Add	*48.93*	

23 21 13 23-2128 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2050)*

23 21 13 23-2129	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	14.17	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2130	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	18.70	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2131	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	23.18	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2132	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	32.88	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2133	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	37.11	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2134	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	47.27	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2135	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	69.89	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2136	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	91.55	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2137	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	111.82	70.25
		For Work In Restricted Working Space, Add	*31.59*	

23 21 13 23-2138 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2050)*

23 21 13 23-2139	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	14.36	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2140	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	18.89	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2141	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	23.56	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2142	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	33.10	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2143	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	37.60	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2144	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	47.71	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2145	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	70.38	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2146	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	93.07	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2147	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	110.94	70.25
		For Work In Restricted Working Space, Add	*31.59*	

23 21 13 23-2148 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2050)*

23 21 13 23-2149	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	13.87	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2150	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	18.48	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2151	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	22.87	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2152	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	32.44	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2153	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	36.61	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2154	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	46.58	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2155	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	71.93	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2156	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	94.78	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2157	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	115.41	70.25
		For Work In Restricted Working Space, Add	*31.59*	

23 21 13 23-2158 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2050)*

23 21 13 23-2159	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	20.54	12.38
		For Work In Restricted Working Space, Add	*5.56*	

23 21 13 23-2160 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2050)*

23 21 13 23-2161	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	13.76	9.10
		For Work In Restricted Working Space, Add	*4.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2162	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	18.34	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2163	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	22.87	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2164	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	32.33	21.23
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-2165	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	36.45	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2166	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	46.47	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2167	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	69.48	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2168	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	91.94	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2169	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	110.06	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2170	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	135.44	80.28
		For Work In Restricted Working Space, Add	*36.10*	
23 21 13 23-2171	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	168.61	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2172	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	280.04	100.40
		For Work In Restricted Working Space, Add	*45.14*	

23 21 13 23-2173 Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2050)*

23 21 13 23-2174	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	23.85	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2175	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	31.83	18.11
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-2176	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	41.05	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2177	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	58.21	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2178	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	67.57	36.22
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-2179	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	85.22	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2180	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	121.02	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2181	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	139.58	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2182	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	208.39	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2183	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	272.22	120.78
		For Work In Restricted Working Space, Add	*54.32*	
23 21 13 23-2184	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	374.89	149.76
		For Work In Restricted Working Space, Add	*67.35*	
23 21 13 23-2185	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	526.67	185.89
		For Work In Restricted Working Space, Add	*83.63*	

23 21 13 23-2186 Schedule 40 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2050)*

23 21 13 23-2187	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	13.97	9.21
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-2188	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	18.40	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2189	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	22.90	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2190	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	32.77	21.48
		For Work In Restricted Working Space, Add	*9.65*	
23 21 13 23-2191	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	36.50	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2192	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	46.33	30.41
		For Work In Restricted Working Space, Add	*13.66*	
23 21 13 23-2193	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	70.00	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2194	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	91.50	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2195	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	111.80	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2196	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	135.91	80.28
		For Work In Restricted Working Space, Add	*36.10*	
23 21 13 23-2197	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	192.48	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2198	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	343.26	100.40
		For Work In Restricted Working Space, Add	*45.14*	

23 21 13 23-2199 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2050)*

23 21 13 23-2200	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges	28.00	15.00
		For Work In Restricted Working Space, Add	*6.74*	
23 21 13 23-2201	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	35.66	18.11
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-2202	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	45.30	23.92
		For Work In Restricted Working Space, Add	*10.75*	
23 21 13 23-2203	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	55.26	30.41
		For Work In Restricted Working Space, Add	*13.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2204	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	64.29	36.22
		For Work In Restricted Working Space, Add	*16.30*	
23 21 13 23-2205	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	80.61	44.98
		For Work In Restricted Working Space, Add	*20.21*	
23 21 13 23-2206	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	109.09	59.13
		For Work In Restricted Working Space, Add	*26.60*	
23 21 13 23-2207	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	127.84	70.25
		For Work In Restricted Working Space, Add	*31.59*	
23 21 13 23-2208	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	168.94	93.66
		For Work In Restricted Working Space, Add	*42.11*	
23 21 13 23-2209	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	225.97	120.78
		For Work In Restricted Working Space, Add	*54.32*	
23 21 13 23-2210	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	325.80	149.76
		For Work In Restricted Working Space, Add	*67.35*	
23 21 13 23-2211	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	506.65	185.64
		For Work In Restricted Working Space, Add	*83.50*	

23 21 13 23-2212 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2049)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2213 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2212)*

23 21 13 23-2214	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	3.88	2.45
		For Work In Restricted Working Space, Add	*1.08*	
23 21 13 23-2215	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	4.86	3.03
		For Work In Restricted Working Space, Add	*1.36*	
23 21 13 23-2216	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.91	3.62
		For Work In Restricted Working Space, Add	*1.62*	
23 21 13 23-2217	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	7.01	4.21
		For Work In Restricted Working Space, Add	*1.90*	
23 21 13 23-2218	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.04	4.80
		For Work In Restricted Working Space, Add	*2.17*	
23 21 13 23-2219	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	10.24	6.07
		For Work In Restricted Working Space, Add	*2.72*	
23 21 13 23-2220	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.72	6.65
		For Work In Restricted Working Space, Add	*2.99*	
23 21 13 23-2221	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	13.21	7.25
		For Work In Restricted Working Space, Add	*3.26*	
23 21 13 23-2222	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	17.02	9.10
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-2223	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	24.64	12.05
		For Work In Restricted Working Space, Add	*5.44*	
23 21 13 23-2224	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	31.53	14.40
		For Work In Restricted Working Space, Add	*6.48*	
23 21 13 23-2225	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	53.85	15.50
		For Work In Restricted Working Space, Add	*6.98*	

23 21 13 23-2226 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2212)*

23 21 13 23-2227	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	14.58	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2228	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	19.42	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2229	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	24.56	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2230	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	34.56	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2231	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	38.82	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2232	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	49.14	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2233	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	75.84	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2234	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	98.17	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2235	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	119.74	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2236	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	172.52	80.28
		For Work In Restricted Working Space, Add	*36.10*	
		For Threaded Fittings, Add	*18.05*	
23 21 13 23-2237	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	253.82	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2238	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	363.24	157.01
		For Work In Restricted Working Space, Add	*70.61*	
		For Threaded Fittings, Add	*35.31*	

23 21 13 23-2239 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2212)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2240	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	15.49	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2241	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.01	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2242	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	26.82	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2243	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	37.35	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2244	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	42.40	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2245	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	54.05	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2246	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	85.30	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2247	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	110.47	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2248	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	144.58	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2249	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	169.79	80.28
		For Work In Restricted Working Space, Add	*36.10*	
		For Threaded Fittings, Add	*18.05*	
23 21 13 23-2250	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	247.62	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2251	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	356.27	157.01
		For Work In Restricted Working Space, Add	*70.61*	
		For Threaded Fittings, Add	*35.31*	

23 21 13 23-2252 Schedule 80 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2212)*

23 21 13 23-2253	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	24.17	14.23
		For Work In Restricted Working Space, Add	*6.40*	
		For Threaded Fittings, Add	*3.20*	
23 21 13 23-2254	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	30.15	18.11
		For Work In Restricted Working Space, Add	*8.15*	
		For Threaded Fittings, Add	*4.08*	
23 21 13 23-2255	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	39.56	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2256	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	55.81	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2257	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	64.62	36.22
		For Work In Restricted Working Space, Add	*16.30*	
		For Threaded Fittings, Add	*8.15*	
23 21 13 23-2258	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	80.25	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2259	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	102.67	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2260	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	122.77	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2261	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	160.64	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2262	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	250.37	120.78
		For Work In Restricted Working Space, Add	*54.34*	
		For Threaded Fittings, Add	*27.17*	
23 21 13 23-2263	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	385.17	149.84
		For Work In Restricted Working Space, Add	*67.38*	
		For Threaded Fittings, Add	*33.69*	
23 21 13 23-2264	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	808.19	223.89
		For Work In Restricted Working Space, Add	*100.70*	
		For Threaded Fittings, Add	*50.35*	

23 21 13 23-2265 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2212)*

23 21 13 23-2266	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	31.10	17.77
		For Work In Restricted Working Space, Add	*8.00*	
		For Threaded Fittings, Add	*4.00*	
23 21 13 23-2267	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	38.64	22.66
		For Work In Restricted Working Space, Add	*10.19*	
		For Threaded Fittings, Add	*5.10*	
23 21 13 23-2268	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	50.64	29.90
		For Work In Restricted Working Space, Add	*13.44*	
		For Threaded Fittings, Add	*6.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2269	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	73.04	37.98
		For Work In Restricted Working Space, Add	*17.08*	
		For Threaded Fittings, Add	*8.54*	
23 21 13 23-2270	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	84.05	45.31
		For Work In Restricted Working Space, Add	*20.38*	
		For Threaded Fittings, Add	*10.19*	
23 21 13 23-2271	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	104.41	56.18
		For Work In Restricted Working Space, Add	*25.27*	
		For Threaded Fittings, Add	*12.63*	
23 21 13 23-2272	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	132.79	73.95
		For Work In Restricted Working Space, Add	*33.25*	
		For Threaded Fittings, Add	*16.62*	
23 21 13 23-2273	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	159.00	87.76
		For Work In Restricted Working Space, Add	*39.48*	
		For Threaded Fittings, Add	*19.74*	
23 21 13 23-2274	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	207.25	117.08
		For Work In Restricted Working Space, Add	*52.64*	
		For Threaded Fittings, Add	*26.32*	
23 21 13 23-2275	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	334.84	150.94
		For Work In Restricted Working Space, Add	*67.90*	
		For Threaded Fittings, Add	*33.95*	
23 21 13 23-2276	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	532.31	187.16
		For Work In Restricted Working Space, Add	*84.18*	
		For Threaded Fittings, Add	*42.09*	
23 21 13 23-2277	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,160.51	279.98
		For Work In Restricted Working Space, Add	*125.94*	
		For Threaded Fittings, Add	*62.97*	

23 21 13 23-2278 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2212)*

23 21 13 23-2279	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	18.70	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2280	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	24.14	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2281	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	34.43	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2282	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	39.45	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2283	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	50.69	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2284	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	76.31	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2285	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	102.86	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2286	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	124.97	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2287	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	142.16	80.28
		For Work In Restricted Working Space, Add	*36.10*	
		For Threaded Fittings, Add	*18.05*	
23 21 13 23-2288	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	188.84	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2289	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	266.74	108.74
		For Work In Restricted Working Space, Add	*48.93*	
		For Threaded Fittings, Add	*24.46*	

23 21 13 23-2290 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2212)*

23 21 13 23-2291	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	13.78	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2292	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	19.20	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2293	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	24.14	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2294	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	35.20	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2295	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	40.14	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2296	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	50.80	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2297	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	78.52	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2298	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	109.28	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2299	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	136.99	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	

23 21 13 23-2300 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2212)*

23 21 13 23-2301	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	15.93	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2302	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	20.71	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2303	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	26.98	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2304	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	37.07	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2305	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	43.45	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2306	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	55.45	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2307	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	78.68	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2308	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	101.20	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2309	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	127.59	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	

23 21 13 23-2310 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2212)*

23 21 13 23-2311	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	15.30	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2312	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	20.66	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2313	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	26.21	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2314	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	37.87	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2315	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	43.31	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2316	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	58.54	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2317	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	87.94	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2318	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	111.82	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2319	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	145.10	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	

23 21 13 23-2320 Schedule 80 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2212)*

23 21 13 23-2321	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	15.41	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2322	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	20.57	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2323	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	25.00	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2324	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	35.67	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2325	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	40.03	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2326	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	50.00	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2327	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	78.43	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2328	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	101.37	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2329	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	121.22	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2330	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	154.60	80.28
		For Work In Restricted Working Space, Add	*36.10*	
		For Threaded Fittings, Add	*18.05*	
23 21 13 23-2331	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	187.02	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2332	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	288.31	100.40
		For Work In Restricted Working Space, Add	*45.14*	
		For Threaded Fittings, Add	*22.57*	

23 21 13 23-2333 Schedule 80 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2212)*

23 21 13 23-2334	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	26.54	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2335	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	31.88	18.11
		For Work In Restricted Working Space, Add	*8.15*	
		For Threaded Fittings, Add	*4.08*	
23 21 13 23-2336	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	41.22	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2337	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	58.98	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2338	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	71.65	36.22
		For Work In Restricted Working Space, Add	*16.30*	
		For Threaded Fittings, Add	*8.15*	
23 21 13 23-2339	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	90.84	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2340	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	132.34	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2341	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	161.59	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2342	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	208.55	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2343	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	272.22	120.78
		For Work In Restricted Working Space, Add	*54.32*	
		For Threaded Fittings, Add	*27.16*	
23 21 13 23-2344	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	374.89	149.76
		For Work In Restricted Working Space, Add	*67.35*	
		For Threaded Fittings, Add	*33.67*	
23 21 13 23-2345	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	526.23	185.64
		For Work In Restricted Working Space, Add	*83.50*	
		For Threaded Fittings, Add	*41.75*	

23 21 13 23-2346 Schedule 80 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2212)*

23 21 13 23-2347	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	16.15	9.10
		For Work In Restricted Working Space, Add	*4.08*	
		For Threaded Fittings, Add	*2.04*	
23 21 13 23-2348	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	20.82	12.05
		For Work In Restricted Working Space, Add	*5.44*	
		For Threaded Fittings, Add	*2.72*	
23 21 13 23-2349	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	27.26	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2350	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	37.57	21.23
		For Work In Restricted Working Space, Add	*9.53*	
		For Threaded Fittings, Add	*4.77*	
23 21 13 23-2351	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	41.63	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2352	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	54.21	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2353	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	85.22	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2354	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	110.47	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2355	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	140.36	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2356	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	207.44	80.28
		For Work In Restricted Working Space, Add	*36.10*	
		For Threaded Fittings, Add	*18.05*	
23 21 13 23-2357	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	260.05	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2358	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	370.83	100.40
		For Work In Restricted Working Space, Add	*45.14*	
		For Threaded Fittings, Add	*22.57*	

23 21 13 23-2359 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2212)*

23 21 13 23-2360	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	30.37	15.00
		For Work In Restricted Working Space, Add	*6.74*	
		For Threaded Fittings, Add	*3.37*	
23 21 13 23-2361	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	35.66	18.11
		For Work In Restricted Working Space, Add	*8.15*	
		For Threaded Fittings, Add	*4.08*	
23 21 13 23-2362	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	45.30	23.92
		For Work In Restricted Working Space, Add	*10.75*	
		For Threaded Fittings, Add	*5.38*	
23 21 13 23-2363	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	55.26	30.41
		For Work In Restricted Working Space, Add	*13.66*	
		For Threaded Fittings, Add	*6.83*	
23 21 13 23-2364	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	64.29	36.22
		For Work In Restricted Working Space, Add	*16.30*	
		For Threaded Fittings, Add	*8.15*	
23 21 13 23-2365	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	80.61	44.98
		For Work In Restricted Working Space, Add	*20.21*	
		For Threaded Fittings, Add	*10.11*	
23 21 13 23-2366	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	109.09	59.13
		For Work In Restricted Working Space, Add	*26.60*	
		For Threaded Fittings, Add	*13.30*	
23 21 13 23-2367	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	127.84	70.25
		For Work In Restricted Working Space, Add	*31.59*	
		For Threaded Fittings, Add	*15.79*	
23 21 13 23-2368	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	168.94	93.66
		For Work In Restricted Working Space, Add	*42.11*	
		For Threaded Fittings, Add	*21.06*	
23 21 13 23-2369	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	225.97	120.78
		For Work In Restricted Working Space, Add	*54.32*	
		For Threaded Fittings, Add	*27.16*	
23 21 13 23-2370	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	325.80	149.76
		For Work In Restricted Working Space, Add	*67.35*	
		For Threaded Fittings, Add	*33.67*	
23 21 13 23-2371	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	506.65	185.64
		For Work In Restricted Working Space, Add	*83.50*	
		For Threaded Fittings, Add	*41.75*	

23 21 13 23-2372 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2049)*

Note: In place pipe.

23 21 13 23-2373	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	4.58	
		For Work In Restricted Working Space, Add	*1.37*	
23 21 13 23-2374	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	4.94	
		For Work In Restricted Working Space, Add	*1.48*	
23 21 13 23-2375	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.56	
		For Work In Restricted Working Space, Add	*1.67*	
23 21 13 23-2376	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.84	
		For Work In Restricted Working Space, Add	*1.75*	
23 21 13 23-2377	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.18	
		For Work In Restricted Working Space, Add	*1.85*	
23 21 13 23-2378	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.79	
		For Work In Restricted Working Space, Add	*2.04*	
23 21 13 23-2379	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.32	
		For Work In Restricted Working Space, Add	*2.20*	
23 21 13 23-2380	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.65	
		For Work In Restricted Working Space, Add	*2.60*	
23 21 13 23-2381	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	11.67	
		For Work In Restricted Working Space, Add	*3.50*	
23 21 13 23-2382	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	16.67	
		For Work In Restricted Working Space, Add	*5.00*	
23 21 13 23-2383	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	22.23	
		For Work In Restricted Working Space, Add	*6.67*	
23 21 13 23-2384	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	27.18	
		For Work In Restricted Working Space, Add	*8.15*	

23 21 13 23-2385 Polyvinylidene Fluoride (PVDF), Socket Weld *(23 21 13 23)*

23 21 13 23-2386 Pipe *(23 21 13 23-2385)*

23 21 13 23-2387	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	15.58	2.45
23 21 13 23-2388	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	20.69	3.03
23 21 13 23-2389	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	28.37	3.20
23 21 13 23-2390	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	38.91	3.53
23 21 13 23-2391	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	49.12	4.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2392		**90 Degree Elbows** *(23 21 13 23-2385)*		
23 21 13 23-2393	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	25.87	9.01
23 21 13 23-2394	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	34.53	12.05
23 21 13 23-2395	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.73	15.00
23 21 13 23-2396	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	91.85	23.92
23 21 13 23-2397	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	119.21	30.41
23 21 13 23-2398		**45 Degree Elbows** *(23 21 13 23-2385)*		
23 21 13 23-2399	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	28.97	9.10
23 21 13 23-2400	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	38.89	12.05
23 21 13 23-2401	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.73	15.00
23 21 13 23-2402	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	81.40	23.92
23 21 13 23-2403	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	116.45	30.41
23 21 13 23-2404		**Tees** *(23 21 13 23-2385)*		
23 21 13 23-2405	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	46.79	15.00
23 21 13 23-2406	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	52.99	18.11
23 21 13 23-2407	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	75.20	23.92
23 21 13 23-2408	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	121.71	36.22
23 21 13 23-2409	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	173.42	44.98
23 21 13 23-2410		**Reducing Tees** *(23 21 13 23-2385)*		
23 21 13 23-2411	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.15	16.85
23 21 13 23-2412	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	71.82	19.63
23 21 13 23-2413	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	74.36	21.31
23 21 13 23-2414	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	123.53	30.32
23 21 13 23-2415	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	181.73	40.43
23 21 13 23-2416		**Socket Weld Reducing Couplings** *(23 21 13 23-2385)*		
23 21 13 23-2417	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	29.66	10.70
23 21 13 23-2418	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.12	12.38
23 21 13 23-2419	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	41.14	14.07
23 21 13 23-2420	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	59.70	16.85
23 21 13 23-2421	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.18	18.53
23 21 13 23-2422	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	65.86	19.63
23 21 13 23-2423	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	92.68	27.55
23 21 13 23-2424		**Male Adapters, Socket Weld X Male Thread** *(23 21 13 23-2385)*		
23 21 13 23-2425	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.92	9.10
23 21 13 23-2426	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	48.76	12.05
23 21 13 23-2427	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	56.89	15.00
23 21 13 23-2428	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	76.24	23.92
23 21 13 23-2429	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	102.07	30.32
23 21 13 23-2430		**Female Adapters, Socket Weld X Female Thread** *(23 21 13 23-2385)*		
23 21 13 23-2431	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.92	9.10
23 21 13 23-2432	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	48.88	12.05
23 21 13 23-2433	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	56.89	15.00
23 21 13 23-2434	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	76.24	23.92
23 21 13 23-2435	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	102.11	30.41
23 21 13 23-2436		**Socket Weld Couplings** *(23 21 13 23-2385)*		
23 21 13 23-2437	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	22.20	9.10
23 21 13 23-2438	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	28.79	12.05
23 21 13 23-2439	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	36.81	15.00
23 21 13 23-2440	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	65.68	23.92
23 21 13 23-2441	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	88.57	30.41
23 21 13 23-2442		**Socket Weld Unions** *(23 21 13 23-2385)*		
23 21 13 23-2443	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	75.83	15.00
23 21 13 23-2444	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	90.98	18.11
23 21 13 23-2445	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	129.60	23.92
23 21 13 23-2446	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	223.62	36.22
23 21 13 23-2447	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	275.68	44.98
23 21 13 23-2448		**Caps** *(23 21 13 23-2385)*		
23 21 13 23-2449	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	22.24	9.21
23 21 13 23-2450	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	30.46	12.05
23 21 13 23-2451	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	38.07	15.00
23 21 13 23-2452	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.53	23.92
23 21 13 23-2453	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	87.76	30.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2454		150 LB Socket Weld Flanges *(23 21 13 23-2385)*		
23 21 13 23-2455	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	54.71	15.16
23 21 13 23-2456	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	68.49	17.95
23 21 13 23-2457	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	90.24	24.18
23 21 13 23-2458	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	131.23	36.55
23 21 13 23-2459	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	199.36	44.98
23 21 13 23-2460		Polyethylene Pipe And Fittings *(23 21 13 23)*		
23 21 13 23-2461		Small Diameter Tubing *(23 21 13 23-2460)*		
23 21 13 23-2462		Tubing *(23 21 13 23-2461)*		
23 21 13 23-2463	LF	1/4" Polyethylene Tubing	2.60	
		For Work In Restricted Working Space, Add	*0.77*	
23 21 13 23-2464	LF	5/16" Polyethylene Tubing	2.69	
		For Work In Restricted Working Space, Add	*0.78*	
23 21 13 23-2465	LF	3/8" Polyethylene Tubing	2.76	
		For Work In Restricted Working Space, Add	*0.80*	
23 21 13 23-2466	LF	1/2" Polyethylene Tubing	2.95	
		For Work In Restricted Working Space, Add	*0.86*	
23 21 13 23-2467		Chrome Plated Pipe *(23 21 13 23)*		
23 21 13 23-2468		Chrome Plated Nipples *(23 21 13 23-2467)*		
23 21 13 23-2469		Close *(23 21 13 23-2468)*		
23 21 13 23-2470	EA	1/4" Diameter Chrome Plated Nipple, Close	14.38	7.32
23 21 13 23-2471	EA	3/8" Diameter Chrome Plated Nipple, Close	14.38	7.96
23 21 13 23-2472	EA	1/2" Diameter Chrome Plated Nipple, Close	17.40	9.15
23 21 13 23-2473	EA	3/4" Diameter Chrome Plated Nipple, Close	22.54	11.62
23 21 13 23-2474	EA	1" Diameter Chrome Plated Nipple, Close	30.00	15.28
23 21 13 23-2475	EA	1-1/4" Diameter Chrome Plated Nipple, Close	42.32	21.32
23 21 13 23-2476	EA	1-1/2" Diameter Chrome Plated Nipple, Close	50.93	24.98
23 21 13 23-2477	EA	2" Diameter Chrome Plated Nipple, Close	64.88	31.12
23 21 13 23-2478		1-1/2" Nipples *(23 21 13 23-2468)*		
23 21 13 23-2479	EA	1/4" Diameter Chrome Plated Nipple, 1-1/2" Length	15.22	7.60
23 21 13 23-2480	EA	3/8" Diameter Chrome Plated Nipple, 1-1/2" Length	15.09	8.24
23 21 13 23-2481	EA	1/2" Diameter Chrome Plated Nipple, 1-1/2" Length	17.88	9.43
23 21 13 23-2482	EA	3/4" Diameter Chrome Plated Nipple, 1-1/2" Length	23.26	11.89
23 21 13 23-2483		2" Nipples *(23 21 13 23-2468)*		
23 21 13 23-2484	EA	1/4" Diameter Chrome Plated Nipple, 2" Length	15.83	7.96
23 21 13 23-2485	EA	3/8" Diameter Chrome Plated Nipple, 2" Length	15.62	8.51
23 21 13 23-2486	EA	1/2" Diameter Chrome Plated Nipple, 2" Length	18.96	9.79
23 21 13 23-2487	EA	3/4" Diameter Chrome Plated Nipple, 2" Length	24.23	12.17
23 21 13 23-2488	EA	1" Diameter Chrome Plated Nipple, 2" Length	31.55	15.83
23 21 13 23-2489	EA	1-1/4" Diameter Chrome Plated Nipple, 2" Length	44.59	21.96
23 21 13 23-2490	EA	1-1/2" Diameter Chrome Plated Nipple, 2" Length	53.49	25.62
23 21 13 23-2491		2-1/2" Nipples *(23 21 13 23-2468)*		
23 21 13 23-2492	EA	1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	16.65	8.24
23 21 13 23-2493	EA	3/8" Diameter Chrome Plated Nipple, 2-1/2" Length	16.20	8.87
23 21 13 23-2494	EA	1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	19.71	10.07
23 21 13 23-2495	EA	3/4" Diameter Chrome Plated Nipple, 2-1/2" Length	24.82	12.54
23 21 13 23-2496	EA	1" Diameter Chrome Plated Nipple, 2-1/2" Length	32.35	16.20
23 21 13 23-2497	EA	1-1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	46.57	22.23
23 21 13 23-2498	EA	1-1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	56.08	25.90
23 21 13 23-2499	EA	2" Diameter Chrome Plated Nipple, 2-1/2" Length	70.70	32.03
23 21 13 23-2500		3" Nipples *(23 21 13 23-2468)*		
23 21 13 23-2501	EA	1/4" Diameter Chrome Plated Nipple, 3" Length	17.31	8.51
23 21 13 23-2502	EA	3/8" Diameter Chrome Plated Nipple, 3" Length	17.01	9.15
23 21 13 23-2503	EA	1/2" Diameter Chrome Plated Nipple, 3" Length	19.33	9.79
23 21 13 23-2504	EA	3/4" Diameter Chrome Plated Nipple, 3" Length	26.32	12.81
23 21 13 23-2505	EA	1" Diameter Chrome Plated Nipple, 3" Length	35.21	16.47
23 21 13 23-2506	EA	1-1/4" Diameter Chrome Plated Nipple, 3" Length	48.74	22.61
23 21 13 23-2507	EA	1-1/2" Diameter Chrome Plated Nipple, 3" Length	61.90	26.26
23 21 13 23-2508	EA	2" Diameter Chrome Plated Nipple, 3" Length	75.29	32.39
23 21 13 23-2509		3-1/2" Nipples *(23 21 13 23-2468)*		
23 21 13 23-2510	EA	1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	18.05	8.87
23 21 13 23-2511	EA	3/8" Diameter Chrome Plated Nipple, 3-1/2" Length	18.25	9.43
23 21 13 23-2512	EA	1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	21.26	10.70
23 21 13 23-2513	EA	3/4" Diameter Chrome Plated Nipple, 3-1/2" Length	28.47	13.09
23 21 13 23-2514	EA	1" Diameter Chrome Plated Nipple, 3-1/2" Length	36.43	16.75
23 21 13 23-2515	EA	1-1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	52.77	22.88
23 21 13 23-2516	EA	1-1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	63.79	26.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2517	EA	2" Diameter Chrome Plated Nipple, 3-1/2" Length	79.01	32.67
23 21 13 23-2518		**4" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2519	EA	1/4" Diameter Chrome Plated Nipple, 4" Length	18.77	9.15
23 21 13 23-2520	EA	3/8" Diameter Chrome Plated Nipple, 4" Length	18.74	9.79
23 21 13 23-2521	EA	1/2" Diameter Chrome Plated Nipple, 4" Length	21.18	10.34
23 21 13 23-2522	EA	3/4" Diameter Chrome Plated Nipple, 4" Length	29.42	13.45
23 21 13 23-2523	EA	1" Diameter Chrome Plated Nipple, 4" Length	37.61	17.11
23 21 13 23-2524	EA	1-1/4" Diameter Chrome Plated Nipple, 4" Length	55.89	23.15
23 21 13 23-2525	EA	1-1/2" Diameter Chrome Plated Nipple, 4" Length	67.46	26.81
23 21 13 23-2526	EA	2" Diameter Chrome Plated Nipple, 4" Length	83.49	32.94
23 21 13 23-2527		**4-1/2" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2528	EA	1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	19.44	9.43
23 21 13 23-2529	EA	3/8" Diameter Chrome Plated Nipple, 4-1/2" Length	20.00	10.07
23 21 13 23-2530	EA	1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	23.17	11.26
23 21 13 23-2531	EA	3/4" Diameter Chrome Plated Nipple, 4-1/2" Length	30.50	13.72
23 21 13 23-2532	EA	1" Diameter Chrome Plated Nipple, 4-1/2" Length	41.21	17.38
23 21 13 23-2533	EA	1-1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	58.89	23.52
23 21 13 23-2534	EA	1-1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	69.20	27.17
23 21 13 23-2535	EA	2" Diameter Chrome Plated Nipple, 4-1/2" Length	87.63	33.31
23 21 13 23-2536		**5" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2537	EA	1/4" Diameter Chrome Plated Nipple, 5" Length	21.24	9.79
23 21 13 23-2538	EA	3/8" Diameter Chrome Plated Nipple, 5" Length	20.84	10.34
23 21 13 23-2539	EA	1/2" Diameter Chrome Plated Nipple, 5" Length	23.93	11.62
23 21 13 23-2540	EA	3/4" Diameter Chrome Plated Nipple, 5" Length	31.54	14.00
23 21 13 23-2541	EA	1" Diameter Chrome Plated Nipple, 5" Length	43.46	17.66
23 21 13 23-2542	EA	1-1/4" Diameter Chrome Plated Nipple, 5" Length	61.64	23.79
23 21 13 23-2543	EA	1-1/2" Diameter Chrome Plated Nipple, 5" Length	72.88	27.45
23 21 13 23-2544	EA	2" Diameter Chrome Plated Nipple, 5" Length	90.36	33.58
23 21 13 23-2545		**5-1/2" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2546	EA	1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	21.93	10.07
23 21 13 23-2547	EA	3/8" Diameter Chrome Plated Nipple, 5-1/2" Length	21.55	10.70
23 21 13 23-2548	EA	1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	25.72	11.89
23 21 13 23-2549	EA	3/4" Diameter Chrome Plated Nipple, 5-1/2" Length	32.58	14.37
23 21 13 23-2550	EA	1" Diameter Chrome Plated Nipple, 5-1/2" Length	44.73	18.03
23 21 13 23-2551	EA	1-1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	64.93	24.06
23 21 13 23-2552	EA	1-1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	75.84	27.73
23 21 13 23-2553	EA	2" Diameter Chrome Plated Nipple, 5-1/2" Length	93.82	33.85
23 21 13 23-2554		**6" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2555	EA	1/4" Diameter Chrome Plated Nipple, 6" Length	22.69	10.34
23 21 13 23-2556	EA	3/8" Diameter Chrome Plated Nipple, 6" Length	22.05	10.98
23 21 13 23-2557	EA	1/2" Diameter Chrome Plated Nipple, 6" Length	26.46	12.17
23 21 13 23-2558	EA	3/4" Diameter Chrome Plated Nipple, 6" Length	33.47	14.64
23 21 13 23-2559	EA	1" Diameter Chrome Plated Nipple, 6" Length	48.22	18.30
23 21 13 23-2560	EA	1-1/4" Diameter Chrome Plated Nipple, 6" Length	67.03	24.44
23 21 13 23-2561	EA	1-1/2" Diameter Chrome Plated Nipple, 6" Length	80.32	28.09
23 21 13 23-2562	EA	2" Diameter Chrome Plated Nipple, 6" Length	96.98	34.23
23 21 13 23-2563		**8" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2564	EA	3/8" Diameter Chrome Plated Nipple, 8" Length	25.35	11.62
23 21 13 23-2565	EA	1/2" Diameter Chrome Plated Nipple, 8" Length	34.77	12.81
23 21 13 23-2566	EA	3/4" Diameter Chrome Plated Nipple, 8" Length	42.08	15.28
23 21 13 23-2567	EA	1" Diameter Chrome Plated Nipple, 8" Length	55.07	18.94
23 21 13 23-2568	EA	1-1/4" Diameter Chrome Plated Nipple, 8" Length	77.68	24.98
23 21 13 23-2569	EA	1-1/2" Diameter Chrome Plated Nipple, 8" Length	94.15	28.64
23 21 13 23-2570	EA	2" Diameter Chrome Plated Nipple, 8" Length	115.64	34.77
23 21 13 23-2571		**10" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2572	EA	3/8" Diameter Chrome Plated Nipple, 10" Length	28.14	11.62
23 21 13 23-2573	EA	1/2" Diameter Chrome Plated Nipple, 10" Length	38.27	12.81
23 21 13 23-2574	EA	3/4" Diameter Chrome Plated Nipple, 10" Length	46.14	15.28
23 21 13 23-2575	EA	1" Diameter Chrome Plated Nipple, 10" Length	61.21	18.94
23 21 13 23-2576	EA	1-1/4" Diameter Chrome Plated Nipple, 10" Length	90.84	24.98
23 21 13 23-2577	EA	1-1/2" Diameter Chrome Plated Nipple, 10" Length	104.16	28.64
23 21 13 23-2578	EA	2" Diameter Chrome Plated Nipple, 10" Length	131.65	34.77
23 21 13 23-2579		**12" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2580	EA	3/8" Diameter Chrome Plated Nipple, 12" Length	31.32	12.81
23 21 13 23-2581	EA	1/2" Diameter Chrome Plated Nipple, 12" Length	40.07	13.45
23 21 13 23-2582	EA	3/4" Diameter Chrome Plated Nipple, 12" Length	50.34	15.83
23 21 13 23-2583	EA	1" Diameter Chrome Plated Nipple, 12" Length	70.57	20.13
23 21 13 23-2584	EA	1-1/4" Diameter Chrome Plated Nipple, 12" Length	100.77	26.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2585	EA	2" Diameter Chrome Plated Nipple, 12" Length	146.35	36.06
23 21 13 23-2586		**18" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2587	EA	3/8" Diameter Chrome Plated Nipple, 18" Length	38.12	13.45
23 21 13 23-2588		**24" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2589	EA	3/8" Diameter Chrome Plated Nipple, 24" Length	44.65	14.00
23 21 13 23-2590		**30" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2591	EA	3/8" Diameter Chrome Plated Nipple, 30" Length	48.95	14.64
23 21 13 23-2592		**36" Nipples** *(23 21 13 23-2468)*		
23 21 13 23-2593	EA	3/8" Diameter Chrome Plated Nipple, 36" Length	53.26	15.28
23 21 13 23-2594		**Chrome Plated Fittings** *(23 21 13 23-2467)*		
23 21 13 23-2595		**Chrome Plated 90 Degree Elbows** *(23 21 13 23-2594)*		
23 21 13 23-2596	EA	1/4" 90 Degree Elbow, Chrome Plated	17.49	8.51
23 21 13 23-2597	EA	3/8" 90 Degree Elbow, Chrome Plated	18.10	9.15
23 21 13 23-2598	EA	1/2" 90 Degree Elbow, Chrome Plated	20.05	9.79
23 21 13 23-2599	EA	3/4" 90 Degree Elbow, Chrome Plated	25.81	12.81
23 21 13 23-2600	EA	1" 90 Degree Elbow, Chrome Plated	34.49	16.47
23 21 13 23-2601	EA	1-1/4" 90 Degree Elbow, Chrome Plated	51.38	22.61
23 21 13 23-2602	EA	1-1/2" 90 Degree Elbow, Chrome Plated	61.21	26.26
23 21 13 23-2603	EA	2" 90 Degree Elbow, Chrome Plated	81.64	32.39
23 21 13 23-2604		**Chrome Plated Street 90 Degree Elbows** *(23 21 13 23-2594)*		
23 21 13 23-2605	EA	1/4" Street 90 Degree Elbow, Chrome Plated	19.45	8.51
23 21 13 23-2606	EA	3/8" Street 90 Degree Elbow, Chrome Plated	20.25	9.15
23 21 13 23-2607	EA	1/2" Street 90 Degree Elbow, Chrome Plated	21.55	9.79
23 21 13 23-2608	EA	3/4" Street 90 Degree Elbow, Chrome Plated	28.01	12.81
23 21 13 23-2609	EA	1" Street 90 Degree Elbow, Chrome Plated	38.56	16.47
23 21 13 23-2610	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	55.56	22.61
23 21 13 23-2611	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	67.05	26.26
23 21 13 23-2612	EA	2" Street 90 Degree Elbow, Chrome Plated	95.40	32.39
23 21 13 23-2613		**Chrome Plated 45 Degree Elbows** *(23 21 13 23-2594)*		
23 21 13 23-2614	EA	1/4" 45 Degree Elbow, Chrome Plated	17.92	8.51
23 21 13 23-2615	EA	3/8" 45 Degree Elbow, Chrome Plated	18.72	9.15
23 21 13 23-2616	EA	1/2" 45 Degree Elbow, Chrome Plated	20.50	9.79
23 21 13 23-2617	EA	3/4" 45 Degree Elbow, Chrome Plated	27.49	12.81
23 21 13 23-2618	EA	1" 45 Degree Elbow, Chrome Plated	36.38	16.47
23 21 13 23-2619	EA	1-1/4" 45 Degree Elbow, Chrome Plated	53.65	22.61
23 21 13 23-2620	EA	1-1/2" 45 Degree Elbow, Chrome Plated	64.23	26.26
23 21 13 23-2621	EA	2" 45 Degree Elbow, Chrome Plated	89.96	32.39
23 21 13 23-2622		**Chrome Plated Street 45 Degree Elbows** *(23 21 13 23-2594)*		
23 21 13 23-2623	EA	1/2" Street 45 Degree Elbow, Chrome Plated	23.19	9.79
23 21 13 23-2624		**Chrome Plated Couplings** *(23 21 13 23-2594)*		
23 21 13 23-2625	EA	1/4" Coupling, Chrome Plated	17.22	8.51
23 21 13 23-2626	EA	3/8" Coupling, Chrome Plated	18.13	9.15
23 21 13 23-2627	EA	1/2" Coupling, Chrome Plated	20.16	9.79
23 21 13 23-2628	EA	3/4" Coupling, Chrome Plated	25.85	12.81
23 21 13 23-2629	EA	1" Coupling, Chrome Plated	33.56	16.47
23 21 13 23-2630	EA	1-1/4" Coupling, Chrome Plated	48.00	22.61
23 21 13 23-2631	EA	1-1/2" Coupling, Chrome Plated	58.37	26.26
23 21 13 23-2632	EA	2" Coupling, Chrome Plated	78.18	32.39
23 21 13 23-2633		**Chrome Plated Unions** *(23 21 13 23-2594)*		
23 21 13 23-2634	EA	1/4" Union, Chrome Plated	25.30	9.79
23 21 13 23-2635	EA	3/8" Union, Chrome Plated	26.22	10.34
23 21 13 23-2636	EA	1/2" Union, Chrome Plated	31.13	11.62
23 21 13 23-2637	EA	3/4" Union, Chrome Plated	39.14	15.28
23 21 13 23-2638	EA	1" Union, Chrome Plated	49.63	19.49
23 21 13 23-2639	EA	1-1/4" Union, Chrome Plated	77.25	26.26
23 21 13 23-2640	EA	1-1/2" Union, Chrome Plated	95.25	31.12
23 21 13 23-2641	EA	2" Union, Chrome Plated	122.63	37.89
23 21 13 23-2642		**Chrome Plated Caps** *(23 21 13 23-2594)*		
23 21 13 23-2643	EA	1/4" Cap, Chrome Plated	10.71	4.31
23 21 13 23-2644	EA	3/8" Cap, Chrome Plated	11.16	4.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2645	EA	1/2" Cap, Chrome Plated	12.54	4.85
23 21 13 23-2646	EA	3/4" Cap, Chrome Plated	15.84	6.41
23 21 13 23-2647	EA	1" Cap, Chrome Plated	19.18	8.24
23 21 13 23-2648	EA	1-1/4" Cap, Chrome Plated	27.81	11.26
23 21 13 23-2649	EA	1-1/2" Cap, Chrome Plated	35.60	13.09
23 21 13 23-2650	EA	2" Cap, Chrome Plated	50.82	17.11

23 21 13 23-2651 Chrome Plated Plugs *(23 21 13 23-2594)*

23 21 13 23-2652	EA	1/4" Plug, Chrome Plated	9.22	4.31
23 21 13 23-2653	EA	3/8" Plug, Chrome Plated	9.67	4.58
23 21 13 23-2654	EA	1/2" Plug, Chrome Plated	10.97	4.85
23 21 13 23-2655	EA	3/4" Plug, Chrome Plated	14.72	6.41
23 21 13 23-2656	EA	1" Plug, Chrome Plated	18.33	8.24
23 21 13 23-2657	EA	1-1/4" Plug, Chrome Plated	24.86	11.26
23 21 13 23-2658	EA	1-1/2" Plug, Chrome Plated	30.20	13.09
23 21 13 23-2659	EA	2" Plug, Chrome Plated	41.43	17.11

23 21 13 23-2660 Chrome Plated Tees *(23 21 13 23-2594)*

23 21 13 23-2661	EA	1/4" Tee, Chrome Plated	24.86	12.81
23 21 13 23-2662	EA	3/8" Tee, Chrome Plated	26.69	14.00
23 21 13 23-2663	EA	1/2" Tee, Chrome Plated	29.52	15.28
23 21 13 23-2664	EA	3/4" Tee, Chrome Plated	36.71	18.94
23 21 13 23-2665	EA	1" Tee, Chrome Plated	50.73	24.44
23 21 13 23-2666	EA	1-1/4" Tee, Chrome Plated	69.88	33.58
23 21 13 23-2667	EA	1-1/2" Tee, Chrome Plated	87.14	39.07
23 21 13 23-2668	EA	2" Tee, Chrome Plated	116.35	48.22

23 21 13 23-2669 Chrome Plated Reducing 90 Degree Elbows *(23 21 13 23-2594)*

23 21 13 23-2670	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	28.52	15.28
23 21 13 23-2671	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	34.01	18.94

23 21 13 23-2672 Chrome Plated Bell Reducers *(23 21 13 23-2594)*

23 21 13 23-2673	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	30.33	15.28
23 21 13 23-2674	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	37.12	18.94
23 21 13 23-2675	EA	1" x 1/2" Bell Reducer, Chrome Plated	47.39	24.44

23 21 13 23-2676 Chrome Plated Reducing Tees *(23 21 13 23-2594)*

23 21 13 23-2677	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	39.42	18.94

23 21 13 23-2678 Chrome Plated Bushings *(23 21 13 23-2594)*

23 21 13 23-2679	EA	3/8" x 1/4" Bushing, Chrome Plated	9.17	4.31
23 21 13 23-2680	EA	1/2" x 1/4" Bushing, Chrome Plated	9.85	4.58
23 21 13 23-2681	EA	1/2" x 3/8" Bushing, Chrome Plated	10.31	4.85
23 21 13 23-2682	EA	3/4" x 1/2" Bushing, Chrome Plated	13.24	6.41
23 21 13 23-2683	EA	1" x 3/4" Bushing, Chrome Plated	18.62	8.24
23 21 13 23-2684	EA	1-1/4" x 1" Bushing, Chrome Plated	26.80	11.26

23 21 13 23-2685 Aluminum Tubing Assemblies *(23 21 13 23)*

Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.

23 21 13 23-2686	LF	1/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	7.09	3.20
23 21 13 23-2687	LF	3/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	8.10	3.66
23 21 13 23-2688	LF	1/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	9.05	4.11
23 21 13 23-2689	LF	5/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	9.99	4.58
23 21 13 23-2690	LF	3/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	11.02	5.03
23 21 13 23-2691	LF	1/2" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	12.32	5.49
23 21 13 23-2692	LF	5/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	14.30	6.32
23 21 13 23-2693	LF	3/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	16.86	7.16
23 21 13 23-2694	LF	7/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	19.20	8.00
23 21 13 23-2695	LF	1" Inside Diameter Aluminum Pipe/Tubing Assembly	21.64	8.42

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Y-Type Strainers *(23 21 16)*

23 21 16 00-0002 Screwed Ends, 250 LB, Iron Body, Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0003	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	45.09	10.25
		For Galvanized Body, Add	*7.90*	
		For Work In Restricted Working Space, Add	*8.79*	
23 21 16 00-0004	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	45.54	10.44
		For Galvanized Body, Add	*7.90*	
		For Work In Restricted Working Space, Add	*8.93*	
23 21 16 00-0005	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	59.13	14.10
		For Galvanized Body, Add	*9.43*	
		For Work In Restricted Working Space, Add	*12.08*	
23 21 16 00-0006	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	73.52	16.85
		For Galvanized Body, Add	*12.74*	
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0007	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	94.39	20.82
		For Galvanized Body, Add	*17.45*	
		For Work In Restricted Working Space, Add	*17.85*	
23 21 16 00-0008	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	106.10	22.42
		For Galvanized Body, Add	*21.01*	
		For Work In Restricted Working Space, Add	*19.22*	
23 21 16 00-0009	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	137.92	25.63
		For Galvanized Body, Add	*32.35*	
		For Work In Restricted Working Space, Add	*21.97*	
23 21 16 00-0010	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	236.96	32.04
		For Galvanized Body, Add	*72.71*	
		For Work In Restricted Working Space, Add	*27.46*	
23 21 16 00-0011	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	304.42	40.09
		For Galvanized Body, Add	*95.00*	
		For Work In Restricted Working Space, Add	*34.33*	

23 21 16 00-0012 Flanged, 125 LB, Iron Body , Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0013	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer	212.27	96.12
		For Galvanized Body, Add	*45.92*	
		For Work In Restricted Working Space, Add	*36.13*	
23 21 16 00-0014	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer	251.94	122.02
		For Galvanized Body, Add	*49.69*	
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0015	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer	431.67	155.62
		For Galvanized Body, Add	*118.45*	
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0016	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer	595.75	260.88
		For Galvanized Body, Add	*134.42*	
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0017	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer	623.20	258.35
		For Galvanized Body, Add	*150.38*	
		For Work In Restricted Working Space, Add	*96.73*	
23 21 16 00-0018	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer	733.64	287.06
		For Galvanized Body, Add	*186.77*	
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0019	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,191.31	366.79
		For Galvanized Body, Add	*367.84*	
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0020	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer	2,197.83	446.53
		For Galvanized Body, Add	*819.84*	
		For Work In Restricted Working Space, Add	*167.45*	
23 21 16 00-0021	EA	12" Flanged, 125 LB, Iron Body, Y-Type Strainer	2,502.28	398.69
		For Galvanized Body, Add	*852.45*	
		For Work In Restricted Working Space, Add	*239.21*	

23 21 16 00-0022 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0023	EA	1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	42.54	10.44
		For 300 LB Rating, Add	*21.74*	
		For Work In Restricted Working Space, Add	*8.93*	
23 21 16 00-0024	EA	3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	56.91	14.10
		For 300 LB Rating, Add	*28.27*	
		For Work In Restricted Working Space, Add	*12.08*	
23 21 16 00-0025	EA	1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	68.99	16.85
		For 300 LB Rating, Add	*35.60*	
		For Work In Restricted Working Space, Add	*14.42*	
23 21 16 00-0026	EA	1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	85.72	20.82
		For 300 LB Rating, Add	*44.57*	
		For Work In Restricted Working Space, Add	*17.85*	
23 21 16 00-0027	EA	1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	98.13	22.42
		For 300 LB Rating, Add	*57.89*	
		For Work In Restricted Working Space, Add	*19.22*	
23 21 16 00-0028	EA	2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	128.55	25.63
		For 300 LB Rating, Add	*94.04*	
		For Work In Restricted Working Space, Add	*21.97*	
23 21 16 00-0029	EA	2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	182.83	32.04
		For 300 LB Rating, Add	*155.19*	
		For Work In Restricted Working Space, Add	*27.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0030	EA	3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	303.71	40.09
		For 300 LB Rating, Add	*321.78*	
		For Work In Restricted Working Space, Add	*34.33*	
23 21 16 00-0031	EA	4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	496.54	48.05
		For 300 LB Rating, Add	*610.69*	
		For Work In Restricted Working Space, Add	*41.19*	

23 21 16 00-0032 Flanged, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*

Note: With bolted cap.

23 21 16 00-0033	EA	2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	311.46	122.02
		For 300 LB Rating, Add	*95.33*	
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0034	EA	2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	328.32	132.73
		For 300 LB Rating, Add	*97.13*	
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0035	EA	3" Flanged, 150 LB, Bronze Body, Y-Type Strainer	380.14	155.62
		For 300 LB Rating, Add	*111.22*	
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0036	EA	4" Flanged, 150 LB, Bronze Body, Y-Type Strainer	777.34	260.88
		For 300 LB Rating, Add	*270.25*	
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0037	EA	6" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,042.87	287.06
		For 300 LB Rating, Add	*409.66*	
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0038	EA	8" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,620.83	366.79
		For 300 LB Rating, Add	*699.11*	
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0039	EA	10" Flanged, 150 LB, Bronze Body, Y-Type Strainer	4,740.19	446.53
		For 300 LB Rating, Add	*2,509.22*	
		For Work In Restricted Working Space, Add	*167.45*	

23 21 16 00-0040 Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0041 Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0040)*

23 21 16 00-0042	EA	1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	63.28	10.07
		For Work In Restricted Working Space, Add	*8.79*	
23 21 16 00-0043	EA	3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	77.33	13.81
		For Work In Restricted Working Space, Add	*11.81*	
23 21 16 00-0044	EA	1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	95.45	18.76
		For Work In Restricted Working Space, Add	*16.20*	
23 21 16 00-0045	EA	1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	133.77	20.13
		For Work In Restricted Working Space, Add	*17.30*	
23 21 16 00-0046	EA	1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	137.67	21.78
		For Work In Restricted Working Space, Add	*18.67*	
23 21 16 00-0047	EA	2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	159.88	24.71
		For Work In Restricted Working Space, Add	*21.14*	
23 21 16 00-0048	EA	2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	304.34	32.03
		For Work In Restricted Working Space, Add	*27.45*	
23 21 16 00-0049	EA	3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	313.92	40.08
		For Work In Restricted Working Space, Add	*34.32*	
23 21 16 00-0050	EA	4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	471.25	42.65
		For Work In Restricted Working Space, Add	*36.51*	

23 21 16 00-0051 Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0040)*

23 21 16 00-0052	EA	2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	262.93	57.19
		For Work In Restricted Working Space, Add	*34.32*	
23 21 16 00-0053	EA	2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	473.57	74.58
		For Work In Restricted Working Space, Add	*44.75*	
23 21 16 00-0054	EA	3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	502.86	155.56
		For Work In Restricted Working Space, Add	*58.41*	
23 21 16 00-0055	EA	4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	823.42	260.79
		For Work In Restricted Working Space, Add	*98.04*	

23 21 16 00-0056 Class 125, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*

Note: Nibco®

23 21 16 00-0057	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	96.24	9.15
		For Work In Restricted Working Space, Add	*6.18*	
23 21 16 00-0058	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	111.37	10.07
		For Work In Restricted Working Space, Add	*7.04*	
23 21 16 00-0059	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	157.09	11.44
		For Work In Restricted Working Space, Add	*8.41*	
23 21 16 00-0060	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	208.79	12.17
		For Work In Restricted Working Space, Add	*9.27*	
23 21 16 00-0061	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	250.59	14.09
		For Work In Restricted Working Space, Add	*10.30*	
23 21 16 00-0062	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	368.48	16.65
		For Work In Restricted Working Space, Add	*12.35*	

23 21 16 00-0063 250 PSI, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0064	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	73.92	9.15
23 21 16 00-0065	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	90.68	10.07
23 21 16 00-0066	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	134.68	11.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0067	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	165.55	12.17
23 21 16 00-0068	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	198.26	14.09
23 21 16 00-0069	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	261.44	16.65

23 21 16 00-0070 Cast Iron Body, Suction Diffusers *(23 21 16)*

Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.

23 21 16 00-0071	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	365.47	36.07
		For Work In Restricted Working Space, Add	*17.66*	
23 21 16 00-0072	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	384.26	40.00
		For Work In Restricted Working Space, Add	*19.61*	
23 21 16 00-0073	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	390.63	42.02
		For Work In Restricted Working Space, Add	*20.61*	
23 21 16 00-0074	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	742.87	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0075	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	404.78	48.88
		For Work In Restricted Working Space, Add	*23.93*	
23 21 16 00-0076	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	456.90	48.88
		For Work In Restricted Working Space, Add	*23.93*	
23 21 16 00-0077	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	778.49	144.48
		For Work In Restricted Working Space, Add	*54.18*	
23 21 16 00-0078	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	795.73	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0079	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	969.11	208.67
		For Work In Restricted Working Space, Add	*78.25*	
23 21 16 00-0080	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,142.51	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0081	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,297.47	257.96
		For Work In Restricted Working Space, Add	*96.73*	
23 21 16 00-0082	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,565.10	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0083	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,774.07	366.79
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0084	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,721.50	366.79
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0085	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,112.24	446.53
		For Work In Restricted Working Space, Add	*167.45*	
23 21 16 00-0086	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,630.41	446.53
		For Work In Restricted Working Space, Add	*167.45*	

23 21 16 00-0087 Duplex Strainers *(23 21 16)*

23 21 16 00-0088 Iron Body, Duplex Strainers *(23 21 16 00-0087)*

23 21 16 00-0089 Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0088)*

Note: With brass or stainless steel basket.

23 21 16 00-0090	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	371.77	22.79
		For Work In Restricted Working Space, Add	*13.68*	
23 21 16 00-0091	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	415.75	26.09
		For Work In Restricted Working Space, Add	*15.67*	
23 21 16 00-0092	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	559.03	30.66
		For Work In Restricted Working Space, Add	*18.39*	
23 21 16 00-0093	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	698.75	33.41
		For Work In Restricted Working Space, Add	*20.05*	
23 21 16 00-0094	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	932.79	40.74
		For Work In Restricted Working Space, Add	*24.52*	
23 21 16 00-0095	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,174.52	52.18
		For Work In Restricted Working Space, Add	*31.30*	

23 21 16 00-0096 Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0088)*

Note: With brass or stainless steel basket.

23 21 16 00-0097	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,290.72	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0098	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,338.56	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0099	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,706.64	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0100	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,663.00	227.25
		For Work In Restricted Working Space, Add	*85.43*	
23 21 16 00-0101	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	5,116.54	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0102	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	9,628.76	366.79
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0103	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	13,264.62	446.53
		For Work In Restricted Working Space, Add	*167.45*	
23 21 16 00-0104	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	15,259.63	562.95
		For Work In Restricted Working Space, Add	*337.87*	
23 21 16 00-0105	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	17,920.53	637.91
		For Work In Restricted Working Space, Add	*239.21*	
23 21 16 00-0106	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	22,349.00	701.69
		For Work In Restricted Working Space, Add	*263.14*	

23 21 16 00-0107 Bronze Body, Duplex Strainers *(23 21 16 00-0087)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0108		Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0107)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0109	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	674.14	22.89
		For Work In Restricted Working Space, Add	*13.68*	
23 21 16 00-0110	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	748.70	26.09
		For Work In Restricted Working Space, Add	*15.67*	
23 21 16 00-0111	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,089.03	30.66
		For Work In Restricted Working Space, Add	*18.39*	
23 21 16 00-0112	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,425.80	33.41
		For Work In Restricted Working Space, Add	*20.05*	
23 21 16 00-0113	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,839.91	40.74
		For Work In Restricted Working Space, Add	*24.52*	
23 21 16 00-0114	EA	2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,261.70	52.18
		For Work In Restricted Working Space, Add	*31.30*	
23 21 16 00-0115		Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0107)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0116	EA	2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	2,598.73	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0117	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	2,680.55	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0118	EA	3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	3,660.17	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0119	EA	4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	5,754.67	227.25
		For Work In Restricted Working Space, Add	*85.43*	
23 21 16 00-0120	EA	6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	12,387.08	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0121		Cast Steel Body, Duplex Strainers *(23 21 16 00-0087)*		
23 21 16 00-0122		Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0121)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0123	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,041.48	26.09
		For Work In Restricted Working Space, Add	*15.67*	
23 21 16 00-0124	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,281.37	30.66
		For Work In Restricted Working Space, Add	*18.39*	
23 21 16 00-0125	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,517.74	33.41
		For Work In Restricted Working Space, Add	*20.05*	
23 21 16 00-0126	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,554.87	40.74
		For Work In Restricted Working Space, Add	*24.52*	
23 21 16 00-0127		Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0121)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0128	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,642.20	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0129	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,903.39	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0130	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,805.56	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0131	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	5,577.31	227.25
		For Work In Restricted Working Space, Add	*85.43*	
23 21 16 00-0132	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,461.28	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0133	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	18,328.23	366.79
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0134		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0087)*		
23 21 16 00-0135		Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0134)*		
		Note: With stainless steel basket.		
23 21 16 00-0136	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	4,349.29	26.09
		For Work In Restricted Working Space, Add	*15.67*	
23 21 16 00-0137	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	5,496.29	30.66
		For Work In Restricted Working Space, Add	*18.39*	
23 21 16 00-0138	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,631.80	33.41
		For Work In Restricted Working Space, Add	*20.05*	
23 21 16 00-0139	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	10,625.47	40.74
		For Work In Restricted Working Space, Add	*24.52*	
23 21 16 00-0140		Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0134)*		
		Note: With stainless steel basket.		
23 21 16 00-0141	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,133.97	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0142	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,704.87	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0143	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	18,337.96	155.62
		For Work In Restricted Working Space, Add	*58.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0144	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	22,406.73	227.25
		For Work In Restricted Working Space, Add	*85.43*	
23 21 16 00-0145	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	39,352.04	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0146	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	72,710.08	366.79
		For Work In Restricted Working Space, Add	*136.69*	

23 21 16 00-0147 Horizontal Steel Expansion Tanks *(23 21 16)*

Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.

23 21 16 00-0148	EA	10 Gallon Horizontal Steel Expansion Tank	456.62	91.54
23 21 16 00-0149	EA	15 Gallon Horizontal Steel Expansion Tank	639.15	114.43
23 21 16 00-0150	EA	30 Gallon Horizontal Steel Expansion Tank	831.97	137.31
23 21 16 00-0151	EA	40 Gallon Horizontal Steel Expansion Tank	958.64	160.20
23 21 16 00-0152	EA	60 Gallon Horizontal Steel Expansion Tank	1,087.42	159.47

23 21 16 00-0153 Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks *(23 21 16)*

Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.

23 21 16 00-0154	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,317.31	68.66
23 21 16 00-0155	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,374.49	80.10
23 21 16 00-0156	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,052.93	91.54
23 21 16 00-0157	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,136.32	102.98
23 21 16 00-0158	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,899.48	114.43
23 21 16 00-0159	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,057.52	125.87
23 21 16 00-0160	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,637.12	137.31
23 21 16 00-0161	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,891.97	148.75
23 21 16 00-0162	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,290.03	160.20
23 21 16 00-0163	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,408.42	183.08
23 21 16 00-0164	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,533.34	205.96
23 21 16 00-0165	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,345.60	228.84
23 21 16 00-0166	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,365.01	274.61

23 21 16 00-0167 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks *(23 21 16)*

Note: ASME. Precharged with working pressure 125 psi (Armstrong AX)

23 21 16 00-0168	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,502.89	68.66
23 21 16 00-0169	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,549.98	80.10
23 21 16 00-0170	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,222.37	91.54
23 21 16 00-0171	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,372.33	102.98
23 21 16 00-0172	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,018.49	114.43
23 21 16 00-0173	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,174.51	125.87
23 21 16 00-0174	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,873.12	137.31
23 21 16 00-0175	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,186.47	148.75
23 21 16 00-0176	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,630.92	160.20
23 21 16 00-0177	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,743.26	183.08
23 21 16 00-0178	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,837.92	205.96
23 21 16 00-0179	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	6,775.25	228.84
23 21 16 00-0180	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,802.72	274.61

23 21 16 00-0181 Diaphragm Type (Residential Style) Steel Expansion Tanks *(23 21 16)*

23 21 16 00-0182	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	58.91	8.42
23 21 16 00-0183	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	82.10	8.42

23 21 16 00-0184 Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks *(23 21 16)*

23 21 16 00-0185	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	852.54	274.70
23 21 16 00-0186	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	883.38	274.70
23 21 16 00-0187	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	914.21	274.70
23 21 16 00-0188	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	994.38	274.70
23 21 16 00-0189	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,204.88	366.06
23 21 16 00-0190	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,389.59	366.24
23 21 16 00-0191	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,426.22	366.24
23 21 16 00-0192	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,462.85	366.24
23 21 16 00-0193	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,857.69	457.69
23 21 16 00-0194	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	4,963.17	457.69
23 21 16 00-0195	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	6,297.97	549.04

23 21 16 00-0196 Vent Valves *(23 21 16)*

23 21 16 00-0197	EA	1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	51.44	13.73
23 21 16 00-0198	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	112.41	14.76
23 21 16 00-0199	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	107.60	14.76
23 21 16 00-0200	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	110.97	14.76
23 21 16 00-0201	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	140.41	14.76
23 21 16 00-0202	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	106.28	14.76

23 21 16 00-0203 Threaded Inlet, Drip-Pan Elbow *(23 21 16)*

23 21 16 00-0204 Cast Iron, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0203)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0205	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	166.33	23.02
		For Flanged Inlet, Add	*51.10*	
23 21 16 00-0206	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	190.69	27.28
		For Flanged Inlet, Add	*54.86*	
23 21 16 00-0207	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	236.08	31.54
		For Flanged Inlet, Add	*74.00*	
23 21 16 00-0208	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	335.99	35.81
		For Flanged Inlet, Add	*130.21*	
23 21 16 00-0209	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	382.19	42.63
		For Flanged Inlet, Add	*143.94*	
23 21 16 00-0210	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	522.48	53.71
		For Flanged Inlet, Add	*210.34*	
23 21 16 00-0211	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,107.30	70.76
		For Flanged Inlet, Add	*559.71*	

23 21 16 00-0212 Cast Steel, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0203)*

23 21 16 00-0213	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	284.42	23.02
		For Flanged Inlet, Add	*131.40*	
23 21 16 00-0214	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	344.16	27.28
		For Flanged Inlet, Add	*159.22*	
23 21 16 00-0215	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	476.19	31.54
		For Flanged Inlet, Add	*237.28*	
23 21 16 00-0216	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	493.45	35.81
		For Flanged Inlet, Add	*237.28*	
23 21 16 00-0217	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	691.15	42.63
		For Flanged Inlet, Add	*354.03*	
23 21 16 00-0218	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	733.78	53.71
		For Flanged Inlet, Add	*354.03*	
23 21 16 00-0219	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,178.24	70.76
		For Flanged Inlet, Add	*607.95*	

23 21 16 00-0220 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0221 Screwed Ends, Water Pressure Reducing Valves *(23 21 16 00-0220)*

Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.

23 21 16 00-0222	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	107.38	11.44
		For Work In Restricted Working Space, Add	*13.73*	
23 21 16 00-0223	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	129.38	12.81
		For Work In Restricted Working Space, Add	*15.25*	
23 21 16 00-0224	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	163.34	13.72
		For Work In Restricted Working Space, Add	*16.15*	
23 21 16 00-0225	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	263.45	15.37
		For Work In Restricted Working Space, Add	*18.30*	
23 21 16 00-0226	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	352.47	18.30
		For Work In Restricted Working Space, Add	*21.96*	
23 21 16 00-0227	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	509.02	28.05
		For Work In Restricted Working Space, Add	*33.69*	
23 21 16 00-0228	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	555.93	31.58
		For Work In Restricted Working Space, Add	*37.91*	
23 21 16 00-0229	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	611.67	91.39
		For Work In Restricted Working Space, Add	*42.11*	

23 21 16 00-0230 Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0220)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0231 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0230)*

23 21 16 00-0232	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	172.44	15.38
		For Work In Restricted Working Space, Add	*18.43*	
23 21 16 00-0233	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	221.46	21.79
		For Work In Restricted Working Space, Add	*26.15*	
23 21 16 00-0234	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	281.63	26.55
		For Work In Restricted Working Space, Add	*31.93*	
23 21 16 00-0235	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	366.72	32.22
		For Work In Restricted Working Space, Add	*37.11*	
23 21 16 00-0236	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	478.67	36.61
		For Work In Restricted Working Space, Add	*42.25*	
23 21 16 00-0237	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	562.81	51.15
		For Work In Restricted Working Space, Add	*51.16*	

23 21 16 00-0238 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0230)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0239	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,169.08	123.63
		For Work In Restricted Working Space, Add	*46.50*	
23 21 16 00-0240	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,447.56	144.94
		For Work In Restricted Working Space, Add	*54.42*	
23 21 16 00-0241	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,900.32	242.99
		For Work In Restricted Working Space, Add	*91.35*	
23 21 16 00-0242	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,516.18	286.95
		For Work In Restricted Working Space, Add	*107.99*	

23 21 16 00-0243 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0220)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0244		Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0243)*			
23 21 16 00-0245	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		816.81	11.17
		For Work In Restricted Working Space, Add		*16.75*	
23 21 16 00-0246	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		833.32	11.17
		For Work In Restricted Working Space, Add		*16.75*	
23 21 16 00-0247	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		893.82	14.10
		For Work In Restricted Working Space, Add		*21.15*	
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		1,054.23	17.94
		For Work In Restricted Working Space, Add		*26.91*	
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		1,207.32	20.69
		For Work In Restricted Working Space, Add		*31.03*	
23 21 16 00-0250	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		1,493.35	24.34
		For Work In Restricted Working Space, Add		*36.53*	
23 21 16 00-0251		Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0243)*			
23 21 16 00-0252	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		1,847.51	123.63
		For Work In Restricted Working Space, Add		*46.50*	
23 21 16 00-0253	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		2,273.65	144.94
		For Work In Restricted Working Space, Add		*54.42*	
23 21 16 00-0254	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		3,460.29	242.99
		For Work In Restricted Working Space, Add		*91.35*	
23 21 16 00-0255	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve		7,439.88	286.95
		For Work In Restricted Working Space, Add		*107.99*	
23 21 16 00-0256		Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0220)*			
23 21 16 00-0257	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		117.52	11.89
23 21 16 00-0258	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		142.30	13.18
23 21 16 00-0259	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		181.35	14.00
23 21 16 00-0260	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		296.74	15.93
23 21 16 00-0261	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		398.36	19.03
23 21 16 00-0262	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		574.24	29.15
23 21 16 00-0263	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		622.35	31.75
23 21 16 00-0264	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve		689.17	36.55
23 21 16 00-0265		Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0220)*			
		Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).			
23 21 16 00-0266	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		102.35	11.44
23 21 16 00-0267	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		112.74	12.81
23 21 16 00-0268	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		135.65	14.18
23 21 16 00-0269	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		289.86	15.37
23 21 16 00-0270	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		317.54	18.30
23 21 16 00-0271	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve		497.65	28.05
23 21 16 00-0272		Plastic Pressure Regulator *(23 21 16 00-0220)*			
23 21 16 00-0273		Polyvinyl Chloride (PVC) Pressure Regulator Valves *(23 21 16 00-0272)*			
23 21 16 00-0274	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve		279.70	13.72
23 21 16 00-0275	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve		307.00	19.03
23 21 16 00-0276	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve		551.85	22.88
23 21 16 00-0277	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve		619.83	30.56
23 21 16 00-0278	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve		732.17	36.60
23 21 16 00-0279	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve		889.36	57.19
23 21 16 00-0280		Polypropylene Pressure Regulator Valves *(23 21 16 00-0272)*			
23 21 16 00-0281	EA	1/4" Polypropylene Pressure Regulator Valve		358.78	13.72
23 21 16 00-0282	EA	1/2" Polypropylene Pressure Regulator Valve		438.79	19.22
23 21 16 00-0283	EA	3/4" Polypropylene Pressure Regulator Valve		677.32	22.88
23 21 16 00-0284	EA	1" Polypropylene Pressure Regulator Valve		799.08	30.56
23 21 16 00-0285	EA	1-1/2" Polypropylene Pressure Regulator Valve		932.50	36.60
23 21 16 00-0286	EA	2" Polypropylene Pressure Regulator Valve		1,146.63	57.19
23 21 16 00-0287		Teflon (PTFE) Pressure Regulator Valves *(23 21 16 00-0272)*			
23 21 16 00-0288	EA	1/4" Teflon (PTFE) Pressure Regulator Valve		775.26	13.72
23 21 16 00-0289	EA	1/2" Teflon (PTFE) Pressure Regulator Valve		886.91	19.03
23 21 16 00-0290	EA	3/4" Teflon Pressure Regulator Valve		1,500.79	22.88
23 21 16 00-0291	EA	1" Teflon (PTFE) Pressure Regulator Valve		2,074.88	30.56
23 21 16 00-0292	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve		2,503.53	36.60
23 21 16 00-0293	EA	2" Teflon (PTFE) Pressure Regulator Valve		3,498.95	57.19
23 21 16 00-0294		Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves *(23 21 16 00-0272)*			
23 21 16 00-0295	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve		248.70	13.72
23 21 16 00-0296	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve		282.90	19.03
23 21 16 00-0297	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve		459.89	22.88
23 21 16 00-0298	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve		544.34	30.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0299	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	632.93	36.60
23 21 16 00-0300		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0301	EA	1/2" Dual Unit Reducing And Relief Valve	117.53	27.92
23 21 16 00-0302		**Safety Relief Valve** *(23 21 16)*		
		Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0303		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0302)*		
		Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0304	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	55.55	11.44
23 21 16 00-0305	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	70.96	12.59
23 21 16 00-0306	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	97.26	15.33
23 21 16 00-0307	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	119.19	16.24
23 21 16 00-0308	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	162.96	21.73
23 21 16 00-0309	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	212.10	25.62
23 21 16 00-0310	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	245.98	32.03
23 21 16 00-0311		**Plastic Pressure Relief Valves** *(23 21 16 00-0302)*		
23 21 16 00-0312		**Polyvinyl Chloride (PVC) Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0313	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	228.74	13.72
23 21 16 00-0314	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	249.01	19.22
23 21 16 00-0315	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	476.29	22.88
23 21 16 00-0316	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	561.84	30.65
23 21 16 00-0317	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	732.17	36.60
23 21 16 00-0318	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	905.17	57.19
23 21 16 00-0319		**Polypropylene Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0320	EA	1/4" Polypropylene Pressure Relief Valve	263.89	13.72
23 21 16 00-0321	EA	1/2" Polypropylene Pressure Relief Valve	301.73	19.03
23 21 16 00-0322	EA	3/4" Polypropylene Pressure Relief Valve	599.30	22.88
23 21 16 00-0323	EA	1" Polypropylene Pressure Relief Valve	693.64	30.56
23 21 16 00-0324	EA	1-1/2" Polypropylene Pressure Relief Valve	1,233.00	36.60
23 21 16 00-0325	EA	2" Polypropylene Pressure Relief Valve	1,502.66	57.19
23 21 16 00-0326		**Teflon (PTFE) Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0327	EA	1/4" Teflon (PTFE) Pressure Relief Valve	474.76	13.72
23 21 16 00-0328	EA	1/2" Teflon (PTFE) Pressure Relief Valve	521.39	19.03
23 21 16 00-0329	EA	3/4" Teflon (PTFE) Pressure Relief Valve	994.69	22.88
23 21 16 00-0330	EA	1" Teflon (PTFE) Pressure Relief Valve	1,168.11	30.56
23 21 16 00-0331	EA	1-1/2" Teflon (PTFE) Pressure Relief Valve	1,918.34	36.60
23 21 16 00-0332	EA	2" Teflon (PTFE) Pressure Relief Valve	2,469.17	57.19
23 21 16 00-0333		**Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0334	EA	1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	234.35	19.03
23 21 16 00-0335	EA	3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	266.77	22.88
23 21 16 00-0336	EA	1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	323.34	30.47
23 21 16 00-0337	EA	1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	416.06	36.60
23 21 16 00-0338	EA	2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	520.27	57.19
23 21 16 00-0339		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0340	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	56.26	23.33
		For Cast Iron Body, Add	*22.66*	
23 21 16 00-0341	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	71.01	28.00
		For Cast Iron Body, Add	*31.58*	
23 21 16 00-0342	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	101.24	37.33
		For Cast Iron Body, Add	*50.29*	
23 21 16 00-0343	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	150.86	39.99
		For Cast Iron Body, Add	*106.88*	
23 21 16 00-0344	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	236.75	44.84
		For Cast Iron Body, Add	*204.46*	
23 21 16 00-0345	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	283.40	64.43
		For Cast Iron Body, Add	*222.64*	
23 21 16 00-0346		**Thermostatic Radiator Valves** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0347	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	49.96	14.76
23 21 16 00-0348	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	61.08	19.90
23 21 16 00-0349	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	81.38	24.09
23 21 16 00-0350	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	118.06	30.52
23 21 16 00-0351	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	49.96	14.76
23 21 16 00-0352	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	61.08	19.90
23 21 16 00-0353	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	81.38	24.09
23 21 16 00-0354	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	118.06	30.52
23 21 16 00-0355	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	60.13	11.44
23 21 16 00-0356	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	88.44	16.02

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0357		**ASME Construction Compression Tanks** *(23 21 16)* Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.		
23 21 16 00-0358	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	626.57	161.11
		For Galvanized Steel Tanks, Add	*191.24*	
23 21 16 00-0359	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	639.83	165.68
		For Galvanized Steel Tanks, Add	*194.05*	
23 21 16 00-0360	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	693.07	171.18
		For Galvanized Steel Tanks, Add	*216.55*	
23 21 16 00-0361	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	753.74	177.59
		For Galvanized Steel Tanks, Add	*241.86*	
23 21 16 00-0362	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	868.72	187.65
		For Galvanized Steel Tanks, Add	*292.48*	
23 21 16 00-0363	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	902.73	194.98
		For Galvanized Steel Tanks, Add	*303.73*	
23 21 16 00-0364	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	1,103.01	212.37
		For Galvanized Steel Tanks, Add	*390.91*	
23 21 16 00-0365	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	1,200.36	227.93
		For Galvanized Steel Tanks, Add	*427.47*	
23 21 16 00-0366	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	1,480.19	257.22
		For Galvanized Steel Tanks, Add	*545.34*	
23 21 16 00-0367	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	1,863.92	294.75
		For Galvanized Steel Tanks, Add	*708.70*	
23 21 16 00-0368	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	2,219.43	326.79
		For Galvanized Steel Tanks, Add	*862.32*	
23 21 16 00-0369	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	2,426.21	355.17
		For Galvanized Steel Tanks, Add	*943.87*	
23 21 16 00-0370	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	3,035.14	389.95
		For Galvanized Steel Tanks, Add	*1,222.29*	
23 21 16 00-0371	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	3,138.72	416.50
		For Galvanized Steel Tanks, Add	*1,253.72*	
23 21 16 00-0372	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	3,999.69	447.62
		For Galvanized Steel Tanks, Add	*1,660.82*	
23 21 16 00-0373	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	6,550.90	525.43
		For Galvanized Steel Tanks, Add	*2,877.46*	
23 21 16 00-0374		**Compression Tank Air Fittings** *(23 21 16)*		
23 21 16 00-0375	EA	9" To 24" Diameter Compression Tank Air Fittings	103.33	25.63
23 21 16 00-0376	EA	>100 Gallon Compression Tank Air Fittings	292.42	30.21
23 21 16 00-0377		**Vortex Air Separators With Strainer** *(23 21 16)* Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0378	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	957.65	194.98
		For 300 PSIG, Add	*99.36*	
23 21 16 00-0379	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	1,177.76	223.36
		For 300 PSIG, Add	*125.81*	
23 21 16 00-0380	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	1,777.59	262.72
		For 300 PSIG, Add	*206.94*	
23 21 16 00-0381	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	1,898.93	278.09
		For 300 PSIG, Add	*221.64*	
23 21 16 00-0382	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	2,454.83	370.79
		For 300 PSIG, Add	*283.95*	
23 21 16 00-0383	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	3,074.88	433.77
		For 300 PSIG, Add	*362.73*	
23 21 16 00-0384	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	3,640.60	491.18
		For 300 PSIG, Add	*434.46*	
23 21 16 00-0385	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	5,196.47	589.26
		For 300 PSIG, Add	*645.51*	
23 21 16 00-0386	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	7,920.68	669.80
		For 300 PSIG, Add	*1,035.88*	
23 21 16 00-0387	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	10,672.18	866.75
		For 300 PSIG, Add	*1,403.83*	
23 21 16 00-0388	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	21,984.88	1,052.54
		For 300 PSIG, Add	*3,058.52*	
23 21 16 00-0389	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	27,129.22	1,263.04
		For 300 PSIG, Add	*3,782.33*	
23 21 16 00-0390	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	35,339.42	1,473.55
		For 300 PSIG, Add	*4,966.01*	
23 21 16 00-0391	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	41,335.27	1,684.06
		For 300 PSIG, Add	*5,817.55*	
23 21 16 00-0392		**Vortex Air Separators** *(23 21 16)* Note: Without system strainer.		
23 21 16 00-0393	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	828.31	194.98
		For 300 PSIG, Add	*79.95*	
23 21 16 00-0394	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	1,036.67	223.36
		For 300 PSIG, Add	*104.65*	
23 21 16 00-0395	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	1,742.32	262.72
		For 300 PSIG, Add	*201.65*	
23 21 16 00-0396	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	1,589.31	278.09
		For 300 PSIG, Add	*175.19*	
23 21 16 00-0397	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	2,129.53	370.79
		For 300 PSIG, Add	*235.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0398	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	2,733.90	433.77
		For 300 PSIG, Add	*311.59*	
23 21 16 00-0399	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	3,178.12	491.18
		For 300 PSIG, Add	*365.09*	
23 21 16 00-0400	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	8,512.22	589.26
		For 300 PSIG, Add	*1,142.87*	
23 21 16 00-0401	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	5,808.17	669.80
		For 300 PSIG, Add	*719.00*	
23 21 16 00-0402	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	8,897.21	866.75
		For 300 PSIG, Add	*1,137.58*	

23 21 16 00-0403 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0404	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	1,657.89	222.47
23 21 16 00-0405	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	2,342.19	296.44
23 21 16 00-0406	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	2,943.53	346.70
23 21 16 00-0407	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	3,491.70	392.95
23 21 16 00-0408	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	5,010.02	471.54
23 21 16 00-0409	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	8,023.41	535.83
23 21 16 00-0410	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	12,175.52	693.48

23 21 16 00-0411 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0412	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,336.51	222.47
23 21 16 00-0413	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,016.89	296.44
23 21 16 00-0414	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	2,602.55	346.70
23 21 16 00-0415	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	3,029.22	392.95
23 21 16 00-0416	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	4,030.19	471.54
23 21 16 00-0417	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	5,879.54	535.83
23 21 16 00-0418	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	9,703.15	693.48

23 21 16 00-0419 Removable Head, Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDN.

23 21 16 00-0420	EA	2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	2,656.86	194.98
23 21 16 00-0421	EA	2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	2,879.72	223.36
23 21 16 00-0422	EA	3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,837.07	262.72
23 21 16 00-0423	EA	4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	4,408.49	402.77
23 21 16 00-0424	EA	5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	6,419.93	497.97
23 21 16 00-0425	EA	6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	8,245.20	563.88
23 21 16 00-0426	EA	8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	12,830.29	127.24
23 21 16 00-0427	EA	10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	18,893.01	768.92
23 21 16 00-0428	EA	12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	24,419.38	995.02

23 21 16 00-0429 Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDT.

23 21 16 00-0430	EA	2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	2,612.15	194.98
23 21 16 00-0431	EA	2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	2,887.47	223.36
23 21 16 00-0432	EA	3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,201.29	262.72
23 21 16 00-0433	EA	4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,643.00	402.77
23 21 16 00-0434	EA	5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,241.47	497.97
23 21 16 00-0435	EA	6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,603.55	563.88

23 21 16 00-0436 High Velocity, Air Eliminator And Dirt Separator *(23 21 16)*

23 21 16 00-0437	EA	2", 105 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	2,843.72	194.98
23 21 16 00-0438	EA	2-1/2", 155 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	5,178.14	223.36
23 21 16 00-0439	EA	3", 225 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	5,400.55	262.72
23 21 16 00-0440	EA	4", 405 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	6,113.06	402.77
23 21 16 00-0441	EA	5", 630 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,082.01	497.97
23 21 16 00-0442	EA	6", 910 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,657.15	563.88

23 21 16 00-0443 Swivel Joints *(23 21 16)*

23 21 16 00-0444 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0443)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0445	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	225.80	24.07
23 21 16 00-0446	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	324.74	35.24
23 21 16 00-0447	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	451.58	41.19
23 21 16 00-0448	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	677.53	70.49
23 21 16 00-0449	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	854.65	80.10
		For Stainless Steel, Add	*1,041.68*	
23 21 16 00-0450	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	637.91	122.02
		For Stainless Steel, Add	*728.01*	
23 21 16 00-0451	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	859.32	97.35
23 21 16 00-0452	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,112.89	260.89
23 21 16 00-0453	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	2,019.48	329.54

23 21 16 00-0454 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) *(23 21 16 00-0443)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0455	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	284.23	24.07
		For Stainless Steel, Add	*354.08*	
23 21 16 00-0456	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	352.34	35.24
		For Stainless Steel, Add	*422.88*	
23 21 16 00-0457	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	472.06	41.19
		For Stainless Steel, Add	*583.26*	
23 21 16 00-0458	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	760.31	70.49
		For Stainless Steel, Add	*929.24*	
23 21 16 00-0459	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	989.86	80.10
		For Stainless Steel, Add	*1,244.49*	
23 21 16 00-0460	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	656.62	122.02
		For Stainless Steel, Add	*756.08*	
23 21 16 00-0461	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	966.48	97.35
		For Stainless Steel, Add	*1,157.57*	
23 21 16 00-0462	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,236.60	260.89
		For Stainless Steel, Add	*1,364.52*	
23 21 16 00-0463	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	2,104.91	329.54
		For Stainless Steel, Add	*2,537.27*	

23 21 16 00-0464 Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) *(23 21 16 00-0443)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0465	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	332.44	24.07
		For Stainless Steel, Add	*426.39*	
23 21 16 00-0466	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	389.13	35.24
		For Stainless Steel, Add	*478.07*	
23 21 16 00-0467	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	564.53	41.19
		For Stainless Steel, Add	*721.97*	
23 21 16 00-0468	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	871.60	70.49
		For Stainless Steel, Add	*1,096.17*	
23 21 16 00-0469	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,026.65	80.10
		For Stainless Steel, Add	*1,299.68*	
23 21 16 00-0470	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	748.60	122.02
		For Stainless Steel, Add	*894.05*	
23 21 16 00-0471	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,080.54	97.35
		For Stainless Steel, Add	*1,328.66*	
23 21 16 00-0472	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,354.34	260.89
		For Stainless Steel, Add	*1,541.13*	
23 21 16 00-0473	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	2,357.86	329.54
		For Stainless Steel, Add	*2,916.69*	

23 21 16 00-0474 Basket Strainers *(23 21 16)*

23 21 16 00-0475 Bronze Body Basket Strainers *(23 21 16 00-0474)*

23 21 16 00-0476 Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0475)*

23 21 16 00-0477	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	140.28	18.31
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0478	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	165.67	21.52
		For Work In Restricted Working Space, Add	*12.80*	
23 21 16 00-0479	EA	1" Screwed Ends, Bronze Body Basket Strainer	192.86	25.63
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0480	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	236.76	28.38
		For Work In Restricted Working Space, Add	*17.01*	
23 21 16 00-0481	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	278.06	32.04
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0482	EA	2" Screwed Ends, Bronze Body Basket Strainer	402.86	36.61
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0483	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	567.04	48.97
		For Work In Restricted Working Space, Add	*29.46*	
23 21 16 00-0484	EA	3" Screwed Ends, Bronze Body Basket Strainer	780.23	52.18
		For Work In Restricted Working Space, Add	*31.24*	

23 21 16 00-0485 Flanged, Bronze Body Basket Strainers *(23 21 16 00-0475)*

23 21 16 00-0486	EA	2" Flanged, Bronze Body Basket Strainer	652.00	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0487	EA	2-1/2" Flanged, Bronze Body Basket Strainer	947.85	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0488	EA	3" Flanged, Bronze Body Basket Strainer	1,078.11	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0489	EA	4" Flanged, Bronze Body Basket Strainer	1,821.80	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0490	EA	6" Flanged, Bronze Body Basket Strainer	3,315.89	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0491	EA	8" Flanged, Bronze Body Basket Strainer	5,942.52	366.79
		For Work In Restricted Working Space, Add	*136.69*	

23 21 16 00-0492 Iron Body Basket Strainers *(23 21 16 00-0474)*

23 21 16 00-0493 Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0492)*

23 21 16 00-0494	EA	1/2" Screwed Ends, Iron Body Basket Strainer	154.30	18.31
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0495	EA	3/4" Screwed Ends, Iron Body Basket Strainer	174.73	21.52
		For Work In Restricted Working Space, Add	*12.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0496	EA	1" Screwed Ends, Iron Body Basket Strainer	206.71	25.63
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0497	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	265.60	28.38
		For Work In Restricted Working Space, Add	*17.01*	
23 21 16 00-0498	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	292.40	32.04
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0499	EA	2" Screwed Ends, Iron Body Basket Strainer	346.07	36.61
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0500	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	487.85	48.97
		For Work In Restricted Working Space, Add	*29.46*	
23 21 16 00-0501	EA	3" Screwed Ends, Iron Body Basket Strainer	547.92	52.18
		For Work In Restricted Working Space, Add	*31.24*	

23 21 16 00-0502 Flanged, Iron Body Basket Strainers *(23 21 16 00-0492)*

23 21 16 00-0503	EA	2" Flanged, Iron Body Basket Strainer	548.93	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0504	EA	2-1/2" Flanged, Iron Body Basket Strainer	700.66	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0505	EA	3" Flanged, Iron Body Basket Strainer	763.46	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0506	EA	4" Flanged, Iron Body Basket Strainer	1,182.82	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0507	EA	6" Flanged, Iron Body Basket Strainer	2,025.96	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0508	EA	8" Flanged, Iron Body Basket Strainer	3,528.84	366.79
		For Work In Restricted Working Space, Add	*136.69*	
23 21 16 00-0509	EA	10" Flanged, Iron Body Basket Strainer	5,182.32	446.53
		For Work In Restricted Working Space, Add	*167.45*	
23 21 16 00-0510	EA	12" Flanged, Iron Body Basket Strainer	6,611.59	562.95
		For Work In Restricted Working Space, Add	*337.73*	
23 21 16 00-0511	EA	14" Flanged, Iron Body Basket Strainer	7,719.26	637.91
		For Work In Restricted Working Space, Add	*239.21*	
23 21 16 00-0512	EA	16" Flanged, Iron Body Basket Strainer	8,114.94	701.69
		For Work In Restricted Working Space, Add	*263.14*	

23 21 16 00-0513 Cast Steel Body Basket Strainers *(23 21 16 00-0474)*

23 21 16 00-0514 Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0513)*

23 21 16 00-0515	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	352.49	25.63
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0516	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	459.32	28.38
		For Work In Restricted Working Space, Add	*17.01*	
23 21 16 00-0517	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	517.74	32.04
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0518	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	718.76	36.61
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0519	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,005.65	48.97
		For Work In Restricted Working Space, Add	*29.45*	
23 21 16 00-0520	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	1,292.83	52.18
		For Work In Restricted Working Space, Add	*31.25*	

23 21 16 00-0521 Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0513)*

23 21 16 00-0522	EA	2" Flanged, Cast Steel Body Basket Strainer	1,092.01	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0523	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	1,540.45	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0524	EA	3" Flanged, Cast Steel Body Basket Strainer	1,696.59	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0525	EA	4" Flanged, Cast Steel Body Basket Strainer	2,435.86	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0526	EA	6" Flanged, Cast Steel Body Basket Strainer	4,162.59	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0527	EA	8" Flanged, Cast Steel Body Basket Strainer	6,686.60	366.79
		For Work In Restricted Working Space, Add	*136.69*	

23 21 16 00-0528 Stainless Steel Body Basket Strainers *(23 21 16 00-0474)*

23 21 16 00-0529 Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0528)*

23 21 16 00-0530	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	308.28	25.63
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0531	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	437.74	28.38
		For Work In Restricted Working Space, Add	*17.01*	
23 21 16 00-0532	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	453.96	32.04
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0533	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	663.34	36.61
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0534	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	935.44	48.97
		For Work In Restricted Working Space, Add	*29.45*	
23 21 16 00-0535	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	1,308.45	52.18
		For Work In Restricted Working Space, Add	*31.25*	

23 21 16 00-0536 Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0528)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0537	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,030.62	122.02
		For Work In Restricted Working Space, Add	*45.77*	
23 21 16 00-0538	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	1,533.86	132.73
		For Work In Restricted Working Space, Add	*49.93*	
23 21 16 00-0539	EA	3" Flanged, Stainless Steel Body Basket Strainer	1,739.32	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0540	EA	4" Flanged, Stainless Steel Body Basket Strainer	2,939.41	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0541	EA	6" Flanged, Stainless Steel Body Basket Strainer	4,438.14	287.06
		For Work In Restricted Working Space, Add	*108.03*	
23 21 16 00-0542	EA	8" Flanged, Stainless Steel Body Basket Strainer	7,643.17	366.79
		For Work In Restricted Working Space, Add	*136.69*	

23 21 16 00-0543 Plastic Basket Strainers *(23 21 16 00-0474)*

23 21 16 00-0544 Screwed Or Socket Ends, Simplex, Plastic Basket Strainers *(23 21 16 00-0543)*

23 21 16 00-0545 Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0544)*

23 21 16 00-0546	EA	1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	173.04	12.81
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0547	EA	3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	179.40	14.92
		For Work In Restricted Working Space, Add	*12.80*	
23 21 16 00-0548	EA	1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	187.57	17.76
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0549	EA	1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	299.00	22.42
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0550	EA	2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	312.74	25.63
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0551	EA	3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	646.59	36.61
		For Work In Restricted Working Space, Add	*31.25*	
23 21 16 00-0552	EA	4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	855.59	48.05
		For Work In Restricted Working Space, Add	*41.18*	

23 21 16 00-0553 Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0544)*

23 21 16 00-0554	EA	1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	325.29	12.81
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0555	EA	3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	331.65	14.92
		For Work In Restricted Working Space, Add	*12.80*	
23 21 16 00-0556	EA	1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	339.82	17.76
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0557	EA	1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	578.50	22.42
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0558	EA	2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	597.87	25.63
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0559	EA	3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	290.43	36.61
		For Work In Restricted Working Space, Add	*31.25*	
23 21 16 00-0560	EA	4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,589.16	48.05
		For Work In Restricted Working Space, Add	*41.18*	

23 21 16 00-0561 Flanged, Simplex, Plastic Basket Strainers *(23 21 16 00-0543)*

23 21 16 00-0562 Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0561)*

23 21 16 00-0563	EA	1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	316.82	80.10
		For Work In Restricted Working Space, Add	*48.05*	
23 21 16 00-0564	EA	1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	463.16	91.54
		For Work In Restricted Working Space, Add	*54.92*	
23 21 16 00-0565	EA	2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	498.52	106.65
		For Work In Restricted Working Space, Add	*63.98*	
23 21 16 00-0566	EA	3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	845.83	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0567	EA	4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,176.03	260.88
		For Work In Restricted Working Space, Add	*98.08*	
23 21 16 00-0568	EA	6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	2,224.69	329.54
		For Work In Restricted Working Space, Add	*124.02*	
23 21 16 00-0569	EA	8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	2,910.05	421.08
		For Work In Restricted Working Space, Add	*156.92*	

23 21 16 00-0570 Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0561)*

23 21 16 00-0571	EA	1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	762.02	91.54
		For Work In Restricted Working Space, Add	*54.92*	
23 21 16 00-0572	EA	2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	804.29	106.65
		For Work In Restricted Working Space, Add	*63.98*	
23 21 16 00-0573	EA	3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,594.29	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0574	EA	4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,041.59	260.88
		For Work In Restricted Working Space, Add	*98.08*	

23 21 16 00-0575 Screwed Or Socket Ends, Duplex, Plastic Basket Strainers *(23 21 16 00-0543)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 00-0576 Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0575)*

23 21 16 00-0577	EA	1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	685.16	12.81
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0578	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	691.52	14.92
		For Work In Restricted Working Space, Add	*12.80*	
23 21 16 00-0579	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	699.69	17.76
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0580	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,074.21	22.42
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0581	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,083.51	25.63
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0582	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,385.45	36.61
		For Work In Restricted Working Space, Add	*31.25*	
23 21 16 00-0583	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,146.49	48.05
		For Work In Restricted Working Space, Add	*41.18*	

23 21 16 00-0584 Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0575)*

23 21 16 00-0585	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,360.33	12.81
		For Work In Restricted Working Space, Add	*10.90*	
23 21 16 00-0586	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,366.69	14.92
		For Work In Restricted Working Space, Add	*12.80*	
23 21 16 00-0587	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,374.86	17.76
		For Work In Restricted Working Space, Add	*15.26*	
23 21 16 00-0588	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,129.05	22.42
		For Work In Restricted Working Space, Add	*19.20*	
23 21 16 00-0589	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,138.35	25.63
		For Work In Restricted Working Space, Add	*21.99*	
23 21 16 00-0590	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	4,154.72	36.61
		For Work In Restricted Working Space, Add	*31.25*	
23 21 16 00-0591	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,239.80	48.05
		For Work In Restricted Working Space, Add	*41.18*	

23 21 16 00-0592 Flanged, Duplex, Plastic Basket Strainers *(23 21 16 00-0543)*

23 21 16 00-0593 Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0592)*

23 21 16 00-0594	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	732.29	34.33
		For Work In Restricted Working Space, Add	*20.60*	
23 21 16 00-0595	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	755.16	45.77
		For Work In Restricted Working Space, Add	*27.46*	
23 21 16 00-0596	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	823.77	80.10
		For Work In Restricted Working Space, Add	*48.05*	
23 21 16 00-0597	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,231.72	91.54
		For Work In Restricted Working Space, Add	*54.92*	
23 21 16 00-0598	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,261.91	106.65
		For Work In Restricted Working Space, Add	*63.98*	
23 21 16 00-0599	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	2,557.35	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0600	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,438.85	260.88
		For Work In Restricted Working Space, Add	*98.08*	

23 21 16 00-0601 Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0592)*

23 21 16 00-0602	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,420.84	34.33
		For Work In Restricted Working Space, Add	*20.59*	
23 21 16 00-0603	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,443.70	45.77
		For Work In Restricted Working Space, Add	*27.45*	
23 21 16 00-0604	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,512.35	80.10
		For Work In Restricted Working Space, Add	*48.05*	
23 21 16 00-0605	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,322.64	91.54
		For Work In Restricted Working Space, Add	*54.92*	
23 21 16 00-0606	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,352.83	106.65
		For Work In Restricted Working Space, Add	*63.98*	
23 21 16 00-0607	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	5,125.31	155.62
		For Work In Restricted Working Space, Add	*58.43*	
23 21 16 00-0608	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,694.24	260.88
		For Work In Restricted Working Space, Add	*98.08*	

23 21 16 00-0609 Plastic Strainer Baskets *(23 21 16 00-0543)*

23 21 16 00-0610 Polyvinyl Chloride (PVC) Strainer Baskets *(23 21 16 00-0609)*

23 21 16 00-0611	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	57.72
23 21 16 00-0612	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	70.80
23 21 16 00-0613	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	158.88
23 21 16 00-0614	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	180.32

23 21 16 00-0615 Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets *(23 21 16 00-0609)*

23 21 16 00-0616	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	115.79
23 21 16 00-0617	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	144.99
23 21 16 00-0618	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	322.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0619	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	357.43	
23 21 16 00-0620		Air Vents *(23 21 16)*		
23 21 16 00-0621		Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0620)* Note: With guided free floating lever.		
23 21 16 00-0622	EA	1/2" NPT, Cast Iron, Automatic Air Vent	192.87	26.55
23 21 16 00-0623	EA	3/4" NPT, Cast Iron, Automatic Air Vent	237.47	35.24
23 21 16 00-0624	EA	1" NPT, Cast Iron, Automatic Air Vent	515.41	36.61
23 21 16 00-0625	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	765.56	56.57
23 21 16 00-0626	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	1,256.68	60.88
23 21 16 00-0627	EA	2" NPT, Cast Iron, Automatic Air Vent	1,449.13	80.28
23 21 16 00-0628		Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0620)* Note: With guided free floating lever.		
23 21 16 00-0629	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,244.82	30.66
23 21 16 00-0630	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,558.71	35.24
23 21 16 00-0631	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,857.45	36.61
23 21 16 00-0632	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,046.01	56.75
23 21 16 00-0633	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,516.05	60.88
23 21 16 00-0634	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,164.95	80.10
23 21 16 00-0635		Manual Air Vent *(23 21 16 00-0620)*		
23 21 16 00-0636	EA	Manual Air Vent	63.24	33.05
23 21 16 00-0637		Automatic Air Vent *(23 21 16 00-0620)*		
23 21 16 00-0638	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	151.57	35.24
23 21 16 00-0639	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	164.68	36.61
23 21 16 00-0640	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	236.26	56.57
23 21 16 00-0641	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	286.13	60.88
23 21 16 00-0642	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	357.27	65.60
23 21 16 00-0643		Air Release Valves *(23 21 16 00-0620)*		
23 21 16 00-0644		Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0643)* Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0645	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	144.24	13.73
23 21 16 00-0646	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	147.91	15.56
23 21 16 00-0647	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	155.22	19.22
23 21 16 00-0648		Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0643)* Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0649	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	702.64	33.41
23 21 16 00-0650	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	922.28	77.90
23 21 16 00-0651		Cast Iron, Air/Vacuum Valves *(23 21 16 00-0643)* Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0652	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	283.27	13.73
23 21 16 00-0653	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	349.86	19.22
23 21 16 00-0654	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	604.39	33.41
23 21 16 00-0655	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	877.79	77.90
23 21 16 00-0656	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,373.93	130.77
23 21 16 00-0657	EA	6" Flanged Cast Iron Air Release Valve (APCO 153)	2,088.21	165.36
23 21 16 00-0658		Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice *(23 21 16 00-0643)* Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0659	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	505.57	19.22
23 21 16 00-0660	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	776.79	33.41
23 21 16 00-0661	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,424.63	77.90
23 21 16 00-0662	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	1,850.33	130.77
23 21 23		**Hydronic Pumps** *(23 21)*		
23 21 23 13		**In-Line Centrifugal Hydronic Pumps** *(23 21 23)*		
23 21 23 13-0001		Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)* Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 3 HP	7,032.70	244.38
		For Mechanical Seal, Add	*503.99*	
		For Cast Steel Case, Add	*1,133.99*	
23 21 23 13-0003	EA	75 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 5 HP	7,640.70	295.79
		For Mechanical Seal, Add	*540.29*	
		For Cast Steel Case, Add	*1,215.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0004	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP	8,819.20	351.40
		For Mechanical Seal, Add	*621.27*	
		For Cast Steel Case, Add	*1,397.85*	
23 21 23 13-0005	EA	125 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 10 HP	9,379.74	468.54
		For Mechanical Seal, Add	*638.02*	
		For Cast Steel Case, Add	*1,435.54*	
23 21 23 13-0006	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage With 200' Head And 15 HP	11,244.56	510.68
		For Mechanical Seal, Add	*776.99*	
		For Cast Steel Case, Add	*1,748.23*	
23 21 23 13-0007	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 30 HP	17,077.43	562.08
		For Mechanical Seal, Add	*1,231.36*	
		For Cast Steel Case, Add	*2,770.57*	
23 21 23 13-0008	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 40 HP	20,011.53	701.97
		For Mechanical Seal, Add	*1,432.38*	
		For Cast Steel Case, Add	*3,222.86*	
23 21 23 13-0009	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 50 HP	16,543.26	802.25
		For Mechanical Seal, Add	*1,130.84*	
		For Cast Steel Case, Add	*2,544.40*	
23 21 23 13-0010	EA	400 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 75 HP	35,900.69	826.88
		For Mechanical Seal, Add	*2,673.60*	
		For Cast Steel Case, Add	*6,015.59*	
23 21 23 13-0011	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 100 HP	38,976.01	1,062.90
		For Mechanical Seal, Add	*2,862.92*	
		For Cast Steel Case, Add	*6,441.57*	

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	3,210.78	267.13
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	3,578.11	267.47
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	4,693.90	351.40
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	5,201.49	432.30
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	5,759.35	432.30
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	5,660.56	468.54
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	5,977.72	468.54
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	6,523.71	491.30
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	7,337.21	624.44
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	7,815.76	701.97
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	12,737.97	1,625.85
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	17,942.49	1,950.67
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	20,640.77	2,438.33

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP	2,876.98	196.35
		For 300 LB Flanges, Add	*630.73*	
23 21 23 16-0017	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP	3,558.55	210.67
		For 300 LB Flanges, Add	*810.63*	
23 21 23 16-0018	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP	4,443.48	225.00
		For 300 LB Flanges, Add	*1,017.24*	
23 21 23 16-0019	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP	5,218.19	267.13
		For 300 LB Flanges, Add	*1,184.16*	
23 21 23 16-0020	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP	5,483.85	267.47
		For 300 LB Flanges, Add	*1,244.56*	
23 21 23 16-0021	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,931.70	351.40
		For 300 LB Flanges, Add	*1,324.92*	
23 21 23 16-0022	EA	225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,931.70	351.40
		For 300 LB Flanges, Add	*1,324.92*	
23 21 23 16-0023	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,931.70	351.40
		For 300 LB Flanges, Add	*1,324.92*	
23 21 23 16-0024	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,225.69	432.30
		For 300 LB Flanges, Add	*1,611.96*	
23 21 23 16-0025	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,352.94	431.97
		For 300 LB Flanges, Add	*1,635.92*	
23 21 23 16-0026	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP	7,742.65	468.54
		For 300 LB Flanges, Add	*1,724.99*	
23 21 23 16-0027	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP	8,484.61	491.30
		For 300 LB Flanges, Add	*1,893.64*	
23 21 23 16-0028	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP	9,470.27	624.44
		For 300 LB Flanges, Add	*2,086.67*	
23 21 23 16-0029	EA	1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP	10,734.82	701.97
		For 300 LB Flanges, Add	*2,367.69*	
23 21 23 16-0030	EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP	15,946.70	1,625.85
		For 300 LB Flanges, Add	*3,202.93*	
23 21 23 16-0031	EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP	18,995.37	1,950.67
		For 300 LB Flanges, Add	*3,808.34*	
23 21 23 16-0032	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP	22,623.80	2,438.33
		For 300 LB Flanges, Add	*4,480.33*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0033		Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*			
		Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.			
23 21 23 16-0034	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP		4,409.38	196.35
		For 300 LB Flanges, Add		*1,013.83*	
23 21 23 16-0035	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP		4,529.03	210.67
		For 300 LB Flanges, Add		*1,037.44*	
23 21 23 16-0036	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP		4,648.80	225.00
		For 300 LB Flanges, Add		*1,061.08*	
23 21 23 16-0037	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP		5,045.67	230.06
		For 300 LB Flanges, Add		*1,157.81*	
23 21 23 16-0038	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP		8,199.81	267.13
		For 300 LB Flanges, Add		*1,929.57*	
23 21 23 16-0039	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP		10,929.21	351.40
		For 300 LB Flanges, Add		*2,595.68*	
23 21 23 16-0040	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP		11,165.78	379.21
		For 300 LB Flanges, Add		*2,633.44*	
23 21 23 16-0041	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP		11,825.96	421.35
		For 300 LB Flanges, Add		*2,762.02*	
23 21 23 16-0042	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP		13,131.56	413.84
		For 300 LB Flanges, Add		*3,096.84*	
23 21 23 16-0043	EA	1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP		14,729.04	531.85
		For 300 LB Flanges, Add		*3,443.05*	
23 21 23 16-0044	EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP		18,683.69	650.51
		For 300 LB Flanges, Add		*4,357.42*	
23 21 23 16-0045	EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP		21,074.93	812.49
		For 300 LB Flanges, Add		*4,876.86*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP		29,980.15	975.34
		For 300 LB Flanges, Add		*7,024.79*	
23 21 23 16-0047	EA	3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP		56,879.21	1,083.31
		For 300 LB Flanges, Add		*13,697.30*	
23 21 23 16-0048	EA	4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP		60,511.94	1,393.33
		For 300 LB Flanges, Add		*14,456.20*	
23 21 23 16-0049		Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*			
		Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.			
23 21 23 16-0050	EA	100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP		15,637.04	432.30
		For 300 LB Flanges, Add		*3,714.79*	
23 21 23 16-0051	EA	200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP		16,939.11	468.54
		For 300 LB Flanges, Add		*4,024.10*	
23 21 23 16-0052	EA	300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP		20,363.57	613.41
		For 300 LB Flanges, Add		*4,810.01*	
23 21 23 16-0053	EA	400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP		40,018.89	842.88
		For 300 LB Flanges, Add		*9,618.52*	
23 21 23 16-0054	EA	800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP		49,039.03	1,123.84
		For 300 LB Flanges, Add		*11,744.82*	
23 21 23 16-0055		Cast Iron Close Coupling Pumps *(23 21 23 16)*			
23 21 23 16-0056		Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*			
23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)		2,890.85	252.81
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)		3,119.01	252.81
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)		3,450.73	266.86
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)		3,652.57	266.86
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)		4,166.06	280.61
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)		4,926.83	332.24
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)		6,435.52	409.29
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)		6,895.09	442.99
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)		7,944.10	478.42
23 21 23 16-0066		Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*			
23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body		1,808.96	130.63
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body		1,931.08	138.50
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body		2,274.10	147.47
23 21 23 23		**Vertical-Turbine Hydronic Pumps** *(23 21 23)*			
		See CSI section 26 29 23 00-0000 for variable frequency motor controllers.			
23 21 23 23-0001		Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*			
		Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.			

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 23-0002	EA	50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP	8,184.24	624.44
		For Each Extra Column Assembly <60", Add	*692.19*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*289.92*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*208.07*	
23 21 23 23-0003	EA	100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP	8,560.01	701.97
		For Each Extra Column Assembly <60", Add	*722.56*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*304.65*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*219.04*	
23 21 23 23-0004	EA	250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP	10,267.14	650.51
		For Each Extra Column Assembly <60", Add	*868.02*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*364.03*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*261.36*	
23 21 23 23-0005	EA	500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP	11,067.41	750.65
		For Each Extra Column Assembly <60", Add	*933.62*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*394.47*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*283.79*	
23 21 23 23-0006	EA	1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP	13,522.52	812.49
		For Each Extra Column Assembly <60", Add	*1,134.05*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*488.65*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*353.43*	
23 21 23 23-0007	EA	2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP	21,328.37	975.34
		For Each Extra Column Assembly <60", Add	*1,768.97*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*790.43*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*577.15*	
23 21 23 23-0008	EA	3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage, 150 HP	25,550.26	1,219.17
		For Each Extra Column Assembly <60", Add	*2,122.40*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*943.64*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*688.13*	
23 21 23 23-0009	EA	4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage, 200 HP	40,678.84	1,393.33
		For Each Extra Column Assembly <60", Add	*3,343.88*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,537.58*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,130.79*	
23 21 23 23-0010	EA	6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage, 300 HP	53,252.67	1,625.85
		For Each Extra Column Assembly <60", Add	*4,364.71*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,025.61*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,493.08*	
23 21 23 23-0011	EA	10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage, 300 HP	74,409.65	1,950.67
		For Each Extra Column Assembly <60", Add	*6,078.17*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,850.99*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,106.89*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	160.50	27.39
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	173.72	27.39
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	269.17	31.60

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	88.95	21.07
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	94.60	21.07
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	156.17	27.39
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	168.93	31.60
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	308.36	35.82

23 22 Steam And Condensate Piping And Pumps *(23 20)*

23 22 13 Steam and Condensate Heating Piping *(23 22)*

23 22 13 00-0001 Ric-Wil System Pipe And Casing *(23 22 13)*

Note: Larger pipe size is usually for the condensate return. Perma, Ric-Wil or Thermacol.

23 22 13 00-0002 Steam Pipe *(23 22 13 00-0001)*

Note: Includes condensate return.

23 22 13 00-0003	LF	1-1/4" And 1-1/2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	70.12	11.93
23 22 13 00-0004	LF	1-1/4" And 2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	74.71	13.63
23 22 13 00-0005	LF	1-1/2" And 3" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	85.90	15.34
23 22 13 00-0006	LF	3" And 6" Ric-Wil Pipe, 15" Case Steam Pipe With Condensate Return	131.61	23.86
23 22 13 00-0007	LF	4" And 8" Ric-Wil Pipe, 16-1/2" Case Steam Pipe With Condensate Return	172.41	32.38

23 22 13 00-0008 Steam Or Condensate Pipe *(23 22 13 00-0001)*

Note: Excludes return.

23 22 13 00-0009	LF	2" Steam Or Condensate Pipe, 6" Case With No Return Line	60.59	7.67
23 22 13 00-0010	LF	2" Steam Or Condensate Pipe, 8" Case With No Return Line	64.45	8.52
23 22 13 00-0011	LF	3" Steam Or Condensate Pipe, 8" Case With No Return Line	75.54	10.22
23 22 13 00-0012	LF	4" Steam Or Condensate Pipe, 10" Case With No Return Line	97.59	15.34
23 22 13 00-0013	LF	6" Steam Or Condensate Pipe, 11-1/2" Case With No Return Line	132.45	23.01

23 22 16 Steam And Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 Steam Temperature Regulator, Iron Body *(23 22 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0002		Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)* Note: Up to 150 PSI.		
23 22 16 00-0003	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	504.21	13.18
23 22 16 00-0004	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	535.07	17.76
23 22 16 00-0005	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	708.12	21.87
23 22 16 00-0006	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	785.88	27.64
23 22 16 00-0007	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	810.57	31.75
23 22 16 00-0008	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	954.29	34.53
23 22 16 00-0009	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,238.03	63.26
23 22 16 00-0010	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,552.44	68.98
23 22 16 00-0011	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,348.03	161.47
23 22 16 00-0012	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,809.58	189.52
23 22 16 00-0013		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0014	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	739.91	13.18
23 22 16 00-0015	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	771.13	17.76
23 22 16 00-0016	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	809.49	21.87
23 22 16 00-0017	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	970.57	27.64
23 22 16 00-0018	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,042.48	31.75
23 22 16 00-0019	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,182.02	34.53
23 22 16 00-0020	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,824.04	63.26
23 22 16 00-0021	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,116.95	68.98
23 22 16 00-0022	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,009.80	161.47
23 22 16 00-0023	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,775.18	189.52
23 22 16 00-0024		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0025	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,002.72	13.18
23 22 16 00-0026	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,022.47	17.76
23 22 16 00-0027	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,121.93	21.87
23 22 16 00-0028	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,226.08	27.64
23 22 16 00-0029	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,274.38	31.75
23 22 16 00-0030	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,436.15	34.53
23 22 16 00-0031	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,657.22	63.26
23 22 16 00-0032	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,962.96	68.98
23 22 16 00-0033	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,838.15	161.47
23 22 16 00-0034	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,338.20	189.52
23 22 16 00-0035		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0036	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,280.45	13.18
23 22 16 00-0037	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,298.82	17.76
23 22 16 00-0038	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,413.55	21.87
23 22 16 00-0039	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,478.80	27.64
23 22 16 00-0040	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,539.60	31.75
23 22 16 00-0041	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,676.38	34.53
23 22 16 00-0042	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,796.09	63.26
23 22 16 00-0043	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,110.35	68.98
23 22 16 00-0044	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,985.54	161.47
23 22 16 00-0045	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,485.59	189.52
23 22 16 00-0046		High Temperature Safety Relief Valve *(23 22 16)* Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
23 22 16 00-0047		Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0046)* Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
23 22 16 00-0048		Threaded *(23 22 16 00-0047)*		
23 22 16 00-0049	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	211.34	13.72
23 22 16 00-0050	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	225.23	16.24
23 22 16 00-0051	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	254.20	20.59
23 22 16 00-0052	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	308.12	22.88
23 22 16 00-0053	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	391.98	28.14
23 22 16 00-0054	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	583.17	32.03
23 22 16 00-0055	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	636.06	36.83
23 22 16 00-0056		Flanged *(23 22 16 00-0047)*		
23 22 16 00-0057	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,345.23	96.09
23 22 16 00-0058	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,587.76	144.43
23 22 16 00-0059	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	1,736.31	132.94
23 22 16 00-0060	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,129.38	192.01
23 22 16 00-0061	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,231.45	143.19
23 22 16 00-0062	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	2,637.55	192.01
23 22 16 00-0063	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,381.17	272.49
23 22 16 00-0064	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	8,555.49	304.31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0065		**Bronze Body Safety Valve, Threaded, Steam** *(23 22 16 00-0046)* Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0066	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	224.93	12.59
23 22 16 00-0067	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	232.18	13.72
23 22 16 00-0068	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	269.70	15.10
23 22 16 00-0069	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	296.91	16.24
23 22 16 00-0070	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	342.48	18.30
23 22 16 00-0071	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	348.87	20.59
23 22 16 00-0072	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	389.36	21.73
23 22 16 00-0073	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	422.60	22.88
23 22 16 00-0074	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	573.68	25.62
23 22 16 00-0075	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	627.26	28.14
23 22 16 00-0076	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	745.15	32.03
23 22 16 00-0077		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0046)* Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0078	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	120.01	12.59
23 22 16 00-0079	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	135.46	13.72
23 22 16 00-0080	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	179.33	15.10
23 22 16 00-0081	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	196.64	16.24
23 22 16 00-0082	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	273.41	18.30
23 22 16 00-0083	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	362.54	21.73
23 22 16 00-0084	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	515.91	25.62
23 22 16 00-0085		**Steam Traps** *(23 22 16)*		
23 22 16 00-0086		**Inverted Bucket Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	216.35	27.46
		For Work In Restricted Working Space, Add	*16.48*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	218.64	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	320.89	30.48
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	516.32	41.60
		For Work In Restricted Working Space, Add	*24.97*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	764.75	51.27
		For Work In Restricted Working Space, Add	*30.51*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	979.90	76.28
		For Work In Restricted Working Space, Add	*45.77*	
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	228.54	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	298.57	30.51
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	370.64	41.60
		For Work In Restricted Working Space, Add	*24.97*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	499.37	50.85
		For Work In Restricted Working Space, Add	*30.51*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	907.21	76.25
		For Work In Restricted Working Space, Add	*45.77*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	288.20	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	313.01	30.48
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	410.01	41.60
		For Work In Restricted Working Space, Add	*24.97*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	585.99	50.80
		For Work In Restricted Working Space, Add	*30.51*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	995.15	76.28
		For Work In Restricted Working Space, Add	*45.77*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	370.88	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	412.76	30.51
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	626.57	41.60
		For Work In Restricted Working Space, Add	*24.97*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	645.06	50.80
		For Work In Restricted Working Space, Add	*30.51*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,243.19	76.28
		For Work In Restricted Working Space, Add	*45.77*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	376.13	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	412.76	30.51
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	626.57	41.60
		For Work In Restricted Working Space, Add	*24.97*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	645.06	50.80
		For Work In Restricted Working Space, Add	*30.51*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,243.19	76.28
		For Work In Restricted Working Space, Add	*45.77*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0114		Thermostatic Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	115.81	27.46
		For Work In Restricted Working Space, Add	*16.48*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	187.13	28.60
		For Work In Restricted Working Space, Add	*17.16*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	229.32	30.48
		For Work In Restricted Working Space, Add	*18.31*	
23 22 16 00-0118		Thermodynamic Steam Traps *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	242.93	24.72
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	341.03	27.46
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	420.75	28.60
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	561.06	30.48
23 22 16 00-0123		Steam Moisture Separator *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded Spirax Sarco S1	286.75	45.77
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded Spirax Sarco S1	327.70	61.79
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded	388.73	69.57
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded	469.99	79.64
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged	632.64	122.02
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged	761.14	132.73
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged	1,000.32	155.62
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged	1,650.14	260.89
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged	3,334.21	329.54
23 22 16 00-0133		Steam/Condensate Meter *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134	EA	1" Steam/Condensate Meter	3,467.10	50.53
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	3,912.97	59.38
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	4,155.71	73.70
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	4,416.13	96.86
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	4,926.42	114.13
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	9,554.07	703.31
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	9,864.75	745.68
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	10,253.22	779.29
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	10,698.87	829.66
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0143	EA	14" Steam/Condensate Meter	11,365.70	901.42
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	11,730.30	935.03
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,638.56	428.94
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,100.25	440.73
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,196.92	470.23
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,417.50	475.29
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,700.71	517.42
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,959.71	517.42
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,026.49	552.81
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,907.40	578.09
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,958.33	603.37

23 22 23 13-0012 30 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	1,879.23	458.43
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,442.92	470.23
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,537.27	501.41
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,932.63	541.85
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,026.49	553.66
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,137.98	573.04
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,264.33	603.37
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,944.32	642.13

23 22 23 13-0021 40 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,095.35	525.84
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,644.05	567.97
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,094.12	561.24
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,117.98	573.04
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,205.90	597.48
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,958.33	603.37
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,029.32	642.13

23 22 23 13-0029 50 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,928.76	569.67
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	2,853.46	581.46
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,275.05	585.68
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,275.89	637.08
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,730.73	686.80

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0035		**Duplex Condensate Pumps And Motors** *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		**20 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,697.19	575.57
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,859.31	632.03
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,121.89	637.08
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,487.69	694.38
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,846.69	694.38
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,941.43	748.32
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,847.99	781.18
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,993.97	819.94
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,488.60	620.22
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,654.25	677.53
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,043.57	660.67
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,941.43	748.32
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,082.57	776.13
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,793.97	819.94
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,082.46	878.94
23 22 23 13-0053		**40 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,788.99	731.46
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,182.71	764.33
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,094.57	776.13
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,241.56	814.89
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,994.97	819.94
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,106.46	878.94
23 22 23 13-0060		**50 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,954.99	731.46
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,269.70	803.93
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,354.04	873.04
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	9,278.58	945.51
23 22 23 13-0065		**Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC** *(23 22 23 13)* Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	1,625.56	428.94
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	1,687.25	440.73
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	2,017.92	470.23
23 22 23 33		**Steam Positive Displacement Pump** *(23 22 23)* Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	2,661.16	428.94
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	4,862.25	440.73

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0001		Ball Valves *(23 23 13)*		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	32.48	9.15
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	33.95	9.15
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	40.44	9.15
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	54.28	10.07
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	72.19	11.44
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	113.50	14.09
23 23 13 00-0009		Shut-Off Valves *(23 23 13)*		
23 23 13 00-0010		Packless *(23 23 13 00-0009)*		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	34.01	9.52
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	40.97	10.44
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	76.88	14.28
23 23 13 00-0014		Packed *(23 23 13 00-0009)*		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	131.91	20.78
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	173.94	25.45
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	209.49	28.65
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	291.02	32.68
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	520.72	91.54
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	677.51	114.43
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	953.14	152.60
23 23 13 00-0022		Check Valves *(23 23 13)*		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	45.74	9.16
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	117.28	10.07
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	137.04	11.44
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	182.60	12.18
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	235.36	14.10
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	338.24	16.66
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	474.68	24.45
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	617.78	32.04
23 23 13 00-0031		Solenoid Valves *(23 23 13)*		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	95.51	9.16
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	97.43	9.16
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	122.21	10.07
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	122.21	10.07
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	167.09	11.44
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	259.52	12.18
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	455.42	14.10
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	468.22	16.66
23 23 16		**Refrigerant Piping Specialties** *(23 23)*		
23 23 16 00-0001		Soft Refrigeration Copper Tubing *(23 23 16)*		
		Note: Based on outside diameter. Nitrogenized.		
23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	3.95	2.48
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	3.99	2.48
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	4.04	2.48
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	4.25	2.48
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	4.37	2.57
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	4.90	2.75
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	5.17	2.75
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	6.02	3.20
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	7.00	3.39
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	8.86	4.12
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	11.84	4.76
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	13.57	5.12
23 23 16 00-0014		Type L Drawn, ACR Copper Tubing *(23 23 16)*		
		Note: Nitrogenized.		
23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	4.56	2.57
		For Medical Applications "Oxygen Clean", Add	*0.42*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	4.90	2.57
		For Medical Applications "Oxygen Clean", Add	*0.44*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	5.12	2.57
		For Medical Applications "Oxygen Clean", Add	*0.45*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	7.43	3.84
		For Medical Applications "Oxygen Clean", Add	*0.66*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.09	4.12
		For Medical Applications "Oxygen Clean", Add	*0.71*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.95	4.12
		For Medical Applications "Oxygen Clean", Add	*0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	10.91	4.76
		For Medical Applications "Oxygen Clean", Add	*0.91*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.98	5.49
		For Medical Applications "Oxygen Clean", Add	*1.06*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	17.74	6.86
		For Medical Applications "Oxygen Clean", Add	*1.40*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	26.67	10.35
		For Medical Applications "Oxygen Clean", Add	*2.11*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	34.08	12.81
		For Medical Applications "Oxygen Clean", Add	*2.67*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	42.27	15.19
		For Medical Applications "Oxygen Clean", Add	*3.26*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	51.89	18.31
		For Medical Applications "Oxygen Clean", Add	*3.97*	

23 23 16 00-0028 Refrigeration Fittings *(23 23 16)*

23 23 16 00-0029 Brass Flare Fittings *(23 23 16 00-0028)*

23 23 16 00-0030 Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0031	EA	3/8" Brass Flare Union	16.42	9.88
23 23 16 00-0032	EA	1/2" Brass Flare Union	16.42	9.88
23 23 16 00-0033	EA	5/8" Brass Flare Union	16.85	9.88

23 23 16 00-0034 90 Degree Elbow Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	16.68	9.88
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	16.68	9.88
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	18.11	9.88

23 23 16 00-0038 Brass Flare Tees *(23 23 16 00-0029)*

23 23 16 00-0039	EA	3/8" Brass Flare Tee	27.17	16.47
23 23 16 00-0040	EA	1/2" Brass Flare Tee	27.81	16.47
23 23 16 00-0041	EA	5/8" Brass Flare Tee	31.29	16.47

23 23 16 00-0042 Male Connector, Half Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	15.25	9.88
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	15.67	9.88
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	16.28	9.88

23 23 16 00-0046 Female Connector, Half Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	15.80	9.88
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	16.38	9.88
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	16.38	9.88

23 23 16 00-0050 Long Forged Nuts *(23 23 16 00-0029)*

23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	15.51	9.88
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	15.67	9.88
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	17.53	9.88

23 23 16 00-0054 Short Forged Nuts *(23 23 16 00-0029)*

23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	15.27	9.88
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	15.65	9.88
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	15.73	9.88

23 23 16 00-0058 ACR Wrought Copper Fittings *(23 23 16 00-0028)*

Note: Soldered.

23 23 16 00-0059 ACR Wrought Copper Coupling *(23 23 16 00-0058)*

Note: C x C

23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	15.15	9.88
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	15.08	9.88
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	15.18	9.88
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	15.89	10.35
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	21.42	13.64
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	21.67	14.01
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	27.45	17.39
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	38.14	23.80
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	45.14	27.92
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	56.12	33.86
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	89.27	51.45
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	118.03	67.65
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	158.19	80.37

23 23 16 00-0073 ACR Wrought Copper Short Radius 90 Degree Elbows *(23 23 16 00-0058)*

Note: C x C

23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	16.07	9.88
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	16.14	9.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	16.07	9.88
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	17.08	10.35
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	23.29	13.64
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	23.75	14.01
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	29.77	17.39
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	39.48	23.80
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	47.81	27.92
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	61.49	33.86
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	98.63	51.45
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	128.51	67.65
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	189.73	80.37
23 23 16 00-0087		ACR Wrought Copper Long Radius 90 Degree Elbows *(23 23 16 00-0058)*		
		Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	17.21	9.88
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	16.61	9.88
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	17.09	9.88
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	17.63	10.35
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	22.62	13.64
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	23.68	14.01
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	30.40	17.39
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	42.75	23.80
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	51.38	27.92
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	75.67	33.86
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	116.57	51.45
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	153.73	67.65
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	260.51	80.37
23 23 16 00-0101		ACR Wrought Copper 45 Degree Elbow *(23 23 16 00-0058)*		
		Note: C x C		
23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow	18.05	9.88
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow	17.21	9.88
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow	16.86	9.88
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow	16.39	10.35
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow	24.18	13.64
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow	22.45	14.01
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	29.76	17.39
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	40.66	23.80
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	47.88	27.92
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	60.71	33.86
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	98.37	51.45
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	131.14	67.65
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	183.72	80.37
23 23 16 00-0115		ACR Wrought Copper Tee *(23 23 16 00-0058)*		
		Note: C x C x C		
23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee	27.33	16.47
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee	27.48	16.47
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee	26.94	16.47
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee	31.87	20.78
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee	36.14	20.78
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee	33.45	21.05
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee	47.75	27.92
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee	58.63	33.86
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee	72.43	40.18
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee	99.33	53.55
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee	213.60	116.89
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee	247.80	128.52
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee	347.48	142.80
23 23 16 00-0129		ACR Wrought Copper Male Adapter *(23 23 16 00-0058)*		
		Note: C x M		
23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter	18.88	9.88
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter	20.21	9.88
23 23 16 00-0132	EA	1/2" ACR Wrought Copper Male Adapter	18.00	9.88
23 23 16 00-0133		ACR Wrought Copper Female Adapter *(23 23 16 00-0058)*		
		Note: C x F		
23 23 16 00-0134	EA	1/4" ACR Wrought Copper Female Adapter	18.35	9.88
23 23 16 00-0135	EA	3/8" ACR Wrought Copper Female Adapter	17.59	9.88
23 23 16 00-0136	EA	1/2" ACR Wrought Copper Female Adapter	17.88	9.88
23 23 16 00-0137		ACR Wrought Copper Cap *(23 23 16 00-0058)*		
		Note: C		
23 23 16 00-0138	EA	1/4" ACR Wrought Copper Cap	10.48	6.59
23 23 16 00-0139	EA	3/8" ACR Wrought Copper Cap	10.24	6.59
23 23 16 00-0140	EA	1/2" ACR Wrought Copper Cap	10.48	6.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0141		**ACR Wrought Copper P-Trap** *(23 23 16 00-0058)*		
23 23 16 00-0142	EA	5/8" ACR Wrought Copper P-Trap	45.08	8.43
23 23 16 00-0143	EA	3/4" ACR Wrought Copper P-Trap	57.30	9.27
23 23 16 00-0144	EA	7/8" ACR Wrought Copper P-Trap	55.55	9.27
23 23 16 00-0145	EA	1-1/8" ACR Wrought Copper P-Trap	70.24	10.11
23 23 16 00-0146	EA	1-3/8" ACR Wrought Copper P-Trap	118.78	10.11
23 23 16 00-0147	EA	1-5/8" ACR Wrought Copper P-Trap	157.67	10.96
23 23 16 00-0148	EA	2-1/8" ACR Wrought Copper P-Trap	251.47	11.80
23 23 16 00-0149		**Sight Glass With Moisture And Liquid Indicator, Solder Connection** *(23 23 16)*		
23 23 16 00-0150	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	39.87	12.64
23 23 16 00-0151	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	48.15	15.16
23 23 16 00-0152	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	57.82	18.54
23 23 16 00-0153	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	64.16	21.07
23 23 16 00-0154	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	85.21	26.97
23 23 16 00-0155	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	99.81	32.87
23 23 16 00-0156	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	146.52	38.77
23 23 16 00-0157	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	184.17	53.09
23 23 16 00-0158	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	226.85	65.73
23 23 16 00-0159		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0160		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0161	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	305.83	7.58
23 23 16 00-0162	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	316.94	9.27
23 23 16 00-0163	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	406.83	9.27
23 23 16 00-0164	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	414.75	10.11
23 23 16 00-0165	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	469.62	10.96
23 23 16 00-0166	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	543.03	11.80
23 23 16 00-0167	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	637.43	12.64
23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	795.97	12.64
23 23 16 00-0169		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	62.92	7.58
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	80.42	7.58
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	102.05	8.43
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	116.84	8.43
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	129.28	8.43
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	143.83	8.43
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	162.49	9.27
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	220.14	9.27
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	242.74	9.27
23 23 16 00-0179		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	80.96	7.58
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	93.26	7.58
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	112.56	8.43
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	98.36	7.58
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	123.08	8.43
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	145.63	8.43
23 23 16 00-0186		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	76.74	7.58
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	84.86	7.58
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	101.78	7.58
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	137.34	9.27
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	180.23	9.27
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	214.69	10.11
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	271.08	10.96
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	463.19	11.80
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	525.61	12.64
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	651.90	12.64
23 23 16 00-0197		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0198		**Thermostatic Expansion Valves** *(23 23 16 00-0197)*		
		Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	147.90	7.58
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	205.51	8.43
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	336.81	8.43
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	399.94	9.27
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	442.07	9.27
23 23 16 00-0204		**Electric Expansion Valves** *(23 23 16 00-0197)*		
		Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve	284.16	10.53
		Note: Sporlan SEI.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	324.16	10.96
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	364.33	11.38
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	437.35	11.38
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	489.60	11.80
23 23 16 00-0210		Braided Stainless Steel Over Copper Vibration Absorber *(23 23 16 00-0197)*		
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	39.49	10.96
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	41.46	12.64
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	53.17	16.01
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	58.42	19.38
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	69.37	23.59
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	79.80	26.97
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	113.93	10.11
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	155.80	10.96
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	191.07	10.96
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	253.58	11.80
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	420.11	12.64
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	547.18	12.64
23 23 16 00-0223		Accumulator, Refrigerant Suction Line *(23 23 16)*		
23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line	128.91	38.34
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line	175.19	52.67
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line	213.56	70.19
23 23 16 00-0227	EA	1 3/8" Accumulator, Refrigeration Suction Line	291.72	84.27
23 23 16 00-0228	EA	1-5/8" Accumulator, Refrigeration Suction Line	395.29	105.34
23 23 16 00-0229	EA	2-1/8" Accumulator, Refrigeration Suction Line	588.77	140.48
23 23 16 00-0230		Special Chemicals/Component *(23 23 16)*		
23 23 16 00-0231	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	21.89	
23 23 16 00-0232	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	6.54	
23 23 16 00-0233	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	15.11	
23 23 16 00-0234	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	208.27	
23 23 23		**Refrigerants** *(23 23)*		
23 23 23 00-0001		Refrigerant *(23 23 23)*		
23 23 23 00-0002	LB	Refrigerant R-113	17.94	
23 23 23 00-0003	LB	Refrigerant R-123	16.71	
23 23 23 00-0004	LB	Refrigerant R-134A	6.30	
23 23 23 00-0005	LB	Refrigerant R-404A	8.14	
23 23 23 00-0006	LB	Refrigerant R-407C	7.82	
23 23 23 00-0007	LB	Refrigerant R-408A	24.05	
23 23 23 00-0008	LB	Refrigerant R-409A	26.36	
23 23 23 00-0009	LB	Refrigerant R-410A	6.48	
23 23 23 00-0010	LB	Refrigerant R-500	20.57	
23 23 23 00-0011	LB	Refrigerant R-502	23.57	
23 23 23 00-0012	LB	Refrigerant R-507	7.82	
23 25		**HVAC Water Treatment** *(23 20)*		
23 25 13		**Water Treatment For Closed-Loop Hydronic Systems** *(23 25)*		
23 25 13 00-0001		Polyethylene Chemical Storage Tanks *(23 25 13)*		
23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	195.32	70.40
23 25 13 00-0003		Gas Chlorinator *(23 25 13)*		
23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	974.82	320.27
		For Booster Pump, Add	*367.03*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,113.59	366.02
		For Booster Pump, Add	*419.52*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,569.87	277.26
		For Booster Pump, Add	*519.26*	
23 25 13 00-0007		Bypass Shot Feeders *(23 25 13)* Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
23 25 13 00-0008		In Line Mount, 125 PSIG *(23 25 13 00-0007)*		
23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	861.67	238.48
23 25 13 00-0010		Floor Mount, 175 PSIG *(23 25 13 00-0007)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,263.06	358.99
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,664.11	475.29
23 25 13 00-0013		Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*		
23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,263.06	358.99
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,664.11	475.29
23 25 13 00-0016		Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*		
23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,630.30	358.99
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,045.42	475.29

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts And Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0438 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated. Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc. Pressure class 2" w.g. and less are considered low pressure/seal class C; pressure class 3" w.g. and less are considered medium pressure/seal class B; pressure class 4" w.g. and larger are considered high pressure/seal class A. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. Field fabricated ductwork is fabricated by hand to fit unique designs and installed on site. The gauge of sheet metal is determined by the dimensional opening. Use the following to determine the minimum gauge of low pressure rectangular sheet metal ductwork unless otherwise stated by owner or drawings. The largest dimension of duct governs the gauge: up to 12" - 26 gauge, 13" to 30" - 24 gauge, 31" to 54" - 22 gauge, 55" to 84" - 20 gauge, 85" and larger - 18 gauge. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for ductwork LB/SF (surface areas) by gauge: 30 gauge - 0.656 LB/SF; 28 gauge - 0.781 LB/SF; 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF; Add 10% additional material for lappage.

23 31 13 13-0003	LB	Sheet Metal Ductwork, Low Pressure, Field Fabricated, Galvanized, Field Assemble And Install	9.28	2.48
		For Flat Oval, Add	*0.17*	
		For Up To 200, Add	*3.13*	
		For >200 To 500, Add	*1.96*	
		For >500 To 1,000, Add	*1.38*	
		For >1,000 To 2,000, Add	*0.78*	
		For >2,000 To 5,000, Add	*0.36*	
		For Work In Restricted Working Space, Add	*2.44*	
23 31 13 13-0004	LB	Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	10.55	2.90
		For Flat Oval, Add	*0.18*	
		For Up To 200, Add	*3.53*	
		For >200 To 500, Add	*2.20*	
		For >500 To 1,000, Add	*1.56*	
		For >1,000 To 2,000, Add	*0.88*	
		For >2,000 To 5,000, Add	*0.41*	
		For Work In Restricted Working Space, Add	*2.80*	
23 31 13 13-0005	LB	Sheet Metal Ductwork, High Pressure, Field Fabricated, Galvanized, Field Assemble And Install	12.67	3.31
		For Flat Oval, Add	*0.20*	
		For Up To 200, Add	*4.19*	
		For >200 To 500, Add	*2.61*	
		For >500 To 1,000, Add	*1.87*	
		For >1,000 To 2,000, Add	*1.05*	
		For >2,000 To 5,000, Add	*0.49*	
		For Work In Restricted Working Space, Add	*3.41*	
23 31 13 13-0006	LB	Sheet Metal Ductwork, Low Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	5.92	2.48
		For Polyvinyl Chloride (PVC) Coated, Add	*0.36*	
		For Flat Oval, Add	*0.27*	
		For Up To 200, Add	*2.31*	
		For >200 To 500, Add	*1.51*	
		For >500 To 1,000, Add	*0.95*	
		For >1,000 To 2,000, Add	*0.53*	
		For >2,000 To 5,000, Add	*0.22*	
		For Work In Restricted Working Space, Add	*1.24*	
23 31 13 13-0007	LB	Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	6.86	2.90
		For Polyvinyl Chloride (PVC) Coated, Add	*0.44*	
		For Flat Oval, Add	*0.33*	
		For Up To 200, Add	*2.72*	
		For >200 To 500, Add	*1.78*	
		For >500 To 1,000, Add	*1.11*	
		For >1,000 To 2,000, Add	*0.61*	
		For >2,000 To 5,000, Add	*0.25*	
		For Work In Restricted Working Space, Add	*1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0008	LB	Sheet Metal Ductwork, High Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	8.34	3.31
		For Polyvinyl Chloride (PVC) Coated, Add	*0.54*	
		For Flat Oval, Add	*0.40*	
		For Up To 200, Add	*3.31*	
		For >200 To 500, Add	*2.17*	
		For >500 To 1,000, Add	*1.36*	
		For >1,000 To 2,000, Add	*0.75*	
		For >2,000 To 5,000, Add	*0.31*	
		For Work In Restricted Working Space, Add	*1.70*	

23 31 13 13-0009 Aluminum Sheet Metal Duct Alloy 3003-H14 *(23 31 13 13-0001)*

Note: SMACNA weight for ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF; 10 gauge – 1.436 LB/SF; Add 10% additional material for lappage.

23 31 13 13-0010	LB	Aluminum Sheet Metal Ductwork, Low Pressure, Alloy 3003-H14	15.37	2.48
		For Work In Restricted Working Space, Add	*4.22*	
		For Up To 200, Add	*5.00*	
		For >200 To 500, Add	*3.09*	
		For >500 To 1,000, Add	*2.24*	
		For >1,000 To 2,000, Add	*1.27*	
		For >2,000 To 5,000, Add	*0.60*	

23 31 13 13-0011 Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*

Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0012 30 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0013	LF	4" x 4", 30 Gauge Galvanized Steel Duct	5.70	2.39
		For Flat Oval, Add	*0.26*	
		For Work In Restricted Working Space, Add	*1.19*	
23 31 13 13-0014	LF	4" x 6", 30 Gauge Galvanized Steel Duct	7.12	2.98
		For Flat Oval, Add	*0.32*	
		For Work In Restricted Working Space, Add	*1.49*	
23 31 13 13-0015	LF	4" x 8", 30 Gauge Galvanized Steel Duct	8.55	3.59
		For Flat Oval, Add	*0.39*	
		For Work In Restricted Working Space, Add	*1.79*	
23 31 13 13-0016	LF	4" x 10", 30 Gauge Galvanized Steel Duct	9.97	4.18
		For Flat Oval, Add	*0.45*	
		For Work In Restricted Working Space, Add	*2.09*	
23 31 13 13-0017	LF	4" x 12", 30 Gauge Galvanized Steel Duct	11.40	4.77
		For Flat Oval, Add	*0.52*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0018	LF	4" x 14", 30 Gauge Galvanized Steel Duct	12.81	5.38
		For Flat Oval, Add	*0.58*	
		For Work In Restricted Working Space, Add	*2.69*	
23 31 13 13-0019	LF	4" x 16", 30 Gauge Galvanized Steel Duct	14.23	5.97
		For Flat Oval, Add	*0.64*	
		For Work In Restricted Working Space, Add	*2.99*	
23 31 13 13-0020	LF	6" x 6", 30 Gauge Galvanized Steel Duct	8.55	3.59
		For Flat Oval, Add	*0.39*	
		For Work In Restricted Working Space, Add	*1.79*	
23 31 13 13-0021	LF	6" x 8", 30 Gauge Galvanized Steel Duct	9.97	4.18
		For Flat Oval, Add	*0.45*	
		For Work In Restricted Working Space, Add	*2.09*	
23 31 13 13-0022	LF	6" x 10", 30 Gauge Galvanized Steel Duct	11.40	4.77
		For Flat Oval, Add	*0.52*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0023	LF	6" x 12", 30 Gauge Galvanized Steel Duct	12.81	5.38
		For Flat Oval, Add	*0.58*	
		For Work In Restricted Working Space, Add	*2.69*	
23 31 13 13-0024	LF	6" x 14", 30 Gauge Galvanized Steel Duct	14.23	5.97
		For Flat Oval, Add	*0.64*	
		For Work In Restricted Working Space, Add	*2.99*	
23 31 13 13-0025	LF	6" x 16", 30 Gauge Galvanized Steel Duct	15.67	6.57
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.29*	
23 31 13 13-0026	LF	8" x 8", 30 Gauge Galvanized Steel Duct	11.40	4.77
		For Flat Oval, Add	*0.52*	
		For Work In Restricted Working Space, Add	*2.39*	
23 31 13 13-0027	LF	8" x 10", 30 Gauge Galvanized Steel Duct	12.81	5.38
		For Flat Oval, Add	*0.58*	
		For Work In Restricted Working Space, Add	*2.69*	
23 31 13 13-0028	LF	8" x 12", 30 Gauge Galvanized Steel Duct	14.23	5.97
		For Flat Oval, Add	*0.64*	
		For Work In Restricted Working Space, Add	*2.99*	
23 31 13 13-0029	LF	8" x 14", 30 Gauge Galvanized Steel Duct	15.67	6.57
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.29*	
23 31 13 13-0030	LF	8" x 16", 30 Gauge Galvanized Steel Duct	17.09	7.16
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.59*	
23 31 13 13-0031	LF	8" x 18", 30 Gauge Galvanized Steel Duct	18.51	7.77
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0032	LF	8" x 20", 30 Gauge Galvanized Steel Duct	19.93	8.36
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.18*	
23 31 13 13-0033	LF	8" x 22", 30 Gauge Galvanized Steel Duct	21.37	8.95
		For Flat Oval, Add	*0.97*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0034	LF	8" x 24", 30 Gauge Galvanized Steel Duct	22.77	9.55
		For Flat Oval, Add	*1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
23 31 13 13-0035	LF	10" x 10", 30 Gauge Galvanized Steel Duct	14.23	5.97
		For Flat Oval, Add	*0.64*	
		For Work In Restricted Working Space, Add	*2.99*	
23 31 13 13-0036	LF	10" x 12", 30 Gauge Galvanized Steel Duct	15.67	6.57
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.29*	
23 31 13 13-0037	LF	10" x 14", 30 Gauge Galvanized Steel Duct	17.09	7.16
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.59*	
23 31 13 13-0038	LF	10" x 16", 30 Gauge Galvanized Steel Duct	18.51	7.77
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.88*	
23 31 13 13-0039	LF	10" x 18", 30 Gauge Galvanized Steel Duct	19.93	8.36
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.18*	
23 31 13 13-0040	LF	10" x 20", 30 Gauge Galvanized Steel Duct	21.37	8.95
		For Flat Oval, Add	*0.97*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0041	LF	10" x 22", 30 Gauge Galvanized Steel Duct	22.77	9.55
		For Flat Oval, Add	*1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
23 31 13 13-0042	LF	10" x 24", 30 Gauge Galvanized Steel Duct	24.21	10.15
		For Flat Oval, Add	*1.09*	
		For Work In Restricted Working Space, Add	*5.08*	
23 31 13 13-0043	LF	12" x 12", 30 Gauge Galvanized Steel Duct	17.09	7.16
		For Flat Oval, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.59*	
23 31 13 13-0044	LF	12" x 14", 30 Gauge Galvanized Steel Duct	18.51	7.77
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.88*	
23 31 13 13-0045	LF	12" x 16", 30 Gauge Galvanized Steel Duct	19.93	8.36
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.18*	
23 31 13 13-0046	LF	12" x 18", 30 Gauge Galvanized Steel Duct	21.37	8.95
		For Flat Oval, Add	*0.97*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0047	LF	12" x 20", 30 Gauge Galvanized Steel Duct	22.77	9.55
		For Flat Oval, Add	*1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
23 31 13 13-0048	LF	12" x 22", 30 Gauge Galvanized Steel Duct	24.21	10.15
		For Flat Oval, Add	*1.09*	
		For Work In Restricted Working Space, Add	*5.08*	
23 31 13 13-0049	LF	12" x 24", 30 Gauge Galvanized Steel Duct	25.62	10.75
		For Flat Oval, Add	*1.16*	
		For Work In Restricted Working Space, Add	*5.37*	
23 31 13 13-0050	LF	14" x 14", 30 Gauge Galvanized Steel Duct	19.93	8.36
		For Flat Oval, Add	*0.90*	
		For Work In Restricted Working Space, Add	*4.18*	
23 31 13 13-0051	LF	14" x 16", 30 Gauge Galvanized Steel Duct	21.37	8.95
		For Flat Oval, Add	*0.97*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0052	LF	14" x 18", 30 Gauge Galvanized Steel Duct	22.77	9.55
		For Flat Oval, Add	*1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
23 31 13 13-0053	LF	14" x 20", 30 Gauge Galvanized Steel Duct	24.21	10.15
		For Flat Oval, Add	*1.09*	
		For Work In Restricted Working Space, Add	*5.08*	
23 31 13 13-0054	LF	14" x 22", 30 Gauge Galvanized Steel Duct	25.62	10.75
		For Flat Oval, Add	*1.16*	
		For Work In Restricted Working Space, Add	*5.37*	
23 31 13 13-0055	LF	14" x 24", 30 Gauge Galvanized Steel Duct	27.06	11.34
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.67*	
23 31 13 13-0056	LF	16" x 16", 30 Gauge Galvanized Steel Duct	22.77	9.55
		For Flat Oval, Add	*1.03*	
		For Work In Restricted Working Space, Add	*4.78*	
23 31 13 13-0057	LF	16" x 18", 30 Gauge Galvanized Steel Duct	24.21	10.15
		For Flat Oval, Add	*1.09*	
		For Work In Restricted Working Space, Add	*5.08*	
23 31 13 13-0058	LF	16" x 20", 30 Gauge Galvanized Steel Duct	25.62	10.75
		For Flat Oval, Add	*1.16*	
		For Work In Restricted Working Space, Add	*5.37*	
23 31 13 13-0059	LF	16" x 22", 30 Gauge Galvanized Steel Duct	27.06	11.34
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.67*	
23 31 13 13-0060	LF	16" x 24", 30 Gauge Galvanized Steel Duct	28.47	11.95
		For Flat Oval, Add	*1.29*	
		For Work In Restricted Working Space, Add	*5.97*	
23 31 13 13-0061	LF	18" x 18", 30 Gauge Galvanized Steel Duct	25.62	10.75
		For Flat Oval, Add	*1.16*	
		For Work In Restricted Working Space, Add	*5.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0062	LF	18" x 20", 30 Gauge Galvanized Steel Duct	27.06	11.34
		For Flat Oval, Add	*1.22*	
		For Work In Restricted Working Space, Add	*5.67*	
23 31 13 13-0063	LF	18" x 22", 30 Gauge Galvanized Steel Duct	28.47	11.95
		For Flat Oval, Add	*1.29*	
		For Work In Restricted Working Space, Add	*5.97*	
23 31 13 13-0064	LF	18" x 24", 30 Gauge Galvanized Steel Duct	29.89	12.54
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.27*	
23 31 13 13-0065	LF	20" x 20", 30 Gauge Galvanized Steel Duct	28.47	11.95
		For Flat Oval, Add	*1.29*	
		For Work In Restricted Working Space, Add	*5.97*	
23 31 13 13-0066	LF	20" x 22", 30 Gauge Galvanized Steel Duct	29.89	12.54
		For Flat Oval, Add	*1.35*	
		For Work In Restricted Working Space, Add	*6.27*	
23 31 13 13-0067	LF	20" x 24", 30 Gauge Galvanized Steel Duct	31.33	13.13
		For Flat Oval, Add	*1.41*	
		For Work In Restricted Working Space, Add	*6.57*	
23 31 13 13-0068	LF	22" x 22", 30 Gauge Galvanized Steel Duct	31.33	13.13
		For Flat Oval, Add	*1.41*	
		For Work In Restricted Working Space, Add	*6.57*	
23 31 13 13-0069	LF	22" x 24", 30 Gauge Galvanized Steel Duct	32.73	13.73
		For Flat Oval, Add	*1.48*	
		For Work In Restricted Working Space, Add	*6.86*	
23 31 13 13-0070	LF	24" x 24", 30 Gauge Galvanized Steel Duct	34.17	14.33
		For Flat Oval, Add	*1.54*	
		For Work In Restricted Working Space, Add	*7.16*	

23 31 13 13-0071 28 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0072	LF	4" x 4", 28 Gauge Galvanized Steel Duct	6.76	2.84
		For Flat Oval, Add	*0.30*	
		For Work In Restricted Working Space, Add	*1.42*	
23 31 13 13-0073	LF	4" x 6", 28 Gauge Galvanized Steel Duct	8.48	3.56
		For Flat Oval, Add	*0.38*	
		For Work In Restricted Working Space, Add	*1.78*	
23 31 13 13-0074	LF	4" x 8", 28 Gauge Galvanized Steel Duct	10.17	4.26
		For Flat Oval, Add	*0.46*	
		For Work In Restricted Working Space, Add	*2.13*	
23 31 13 13-0075	LF	4" x 10", 28 Gauge Galvanized Steel Duct	11.85	4.98
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.49*	
23 31 13 13-0076	LF	4" x 12", 28 Gauge Galvanized Steel Duct	13.57	5.69
		For Flat Oval, Add	*0.61*	
		For Work In Restricted Working Space, Add	*2.84*	
23 31 13 13-0077	LF	4" x 14", 28 Gauge Galvanized Steel Duct	15.26	6.40
		For Flat Oval, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0078	LF	4" x 16", 28 Gauge Galvanized Steel Duct	16.93	7.11
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.55*	
23 31 13 13-0079	LF	6" x 6", 28 Gauge Galvanized Steel Duct	10.17	4.26
		For Flat Oval, Add	*0.46*	
		For Work In Restricted Working Space, Add	*2.13*	
23 31 13 13-0080	LF	6" x 8", 28 Gauge Galvanized Steel Duct	11.85	4.98
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.49*	
23 31 13 13-0081	LF	6" x 10", 28 Gauge Galvanized Steel Duct	13.57	5.69
		For Flat Oval, Add	*0.61*	
		For Work In Restricted Working Space, Add	*2.84*	
23 31 13 13-0082	LF	6" x 12", 28 Gauge Galvanized Steel Duct	15.26	6.40
		For Flat Oval, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0083	LF	6" x 14", 28 Gauge Galvanized Steel Duct	16.93	7.11
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.55*	
23 31 13 13-0084	LF	6" x 16", 28 Gauge Galvanized Steel Duct	18.65	7.82
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.91*	
23 31 13 13-0085	LF	8" x 8", 28 Gauge Galvanized Steel Duct	13.57	5.69
		For Flat Oval, Add	*0.61*	
		For Work In Restricted Working Space, Add	*2.84*	
23 31 13 13-0086	LF	8" x 10", 28 Gauge Galvanized Steel Duct	15.26	6.40
		For Flat Oval, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0087	LF	8" x 12", 28 Gauge Galvanized Steel Duct	16.93	7.11
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.55*	
23 31 13 13-0088	LF	8" x 14", 28 Gauge Galvanized Steel Duct	18.65	7.82
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.91*	
23 31 13 13-0089	LF	8" x 16", 28 Gauge Galvanized Steel Duct	20.33	8.53
		For Flat Oval, Add	*0.92*	
		For Work In Restricted Working Space, Add	*4.26*	
23 31 13 13-0090	LF	8" x 18", 28 Gauge Galvanized Steel Duct	22.02	9.24
		For Flat Oval, Add	*0.99*	
		For Work In Restricted Working Space, Add	*4.62*	
23 31 13 13-0091	LF	8" x 20", 28 Gauge Galvanized Steel Duct	23.74	9.95
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0092	LF	8" x 22", 28 Gauge Galvanized Steel Duct	25.42	10.67
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0093	LF	8" x 24", 28 Gauge Galvanized Steel Duct	27.14	11.37
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0094	LF	10" x 10", 28 Gauge Galvanized Steel Duct	16.93	7.11
		For Flat Oval, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.55*	
23 31 13 13-0095	LF	10" x 12", 28 Gauge Galvanized Steel Duct	18.65	7.82
		For Flat Oval, Add	*0.84*	
		For Work In Restricted Working Space, Add	*3.91*	
23 31 13 13-0096	LF	10" x 14", 28 Gauge Galvanized Steel Duct	20.33	8.53
		For Flat Oval, Add	*0.92*	
		For Work In Restricted Working Space, Add	*4.26*	
23 31 13 13-0097	LF	10" x 16", 28 Gauge Galvanized Steel Duct	22.02	9.24
		For Flat Oval, Add	*0.99*	
		For Work In Restricted Working Space, Add	*4.62*	
23 31 13 13-0098	LF	10" x 18", 28 Gauge Galvanized Steel Duct	23.74	9.95
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.98*	
23 31 13 13-0099	LF	10" x 20", 28 Gauge Galvanized Steel Duct	25.42	10.67
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0100	LF	10" x 22", 28 Gauge Galvanized Steel Duct	27.14	11.37
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0101	LF	10" x 24", 28 Gauge Galvanized Steel Duct	28.82	12.09
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0102	LF	12" x 12", 28 Gauge Galvanized Steel Duct	20.33	8.53
		For Flat Oval, Add	*0.92*	
		For Work In Restricted Working Space, Add	*4.26*	
23 31 13 13-0103	LF	12" x 14", 28 Gauge Galvanized Steel Duct	22.02	9.24
		For Flat Oval, Add	*0.99*	
		For Work In Restricted Working Space, Add	*4.62*	
23 31 13 13-0104	LF	12" x 16", 28 Gauge Galvanized Steel Duct	23.74	9.95
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.98*	
23 31 13 13-0105	LF	12" x 18", 28 Gauge Galvanized Steel Duct	25.42	10.67
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0106	LF	12" x 20", 28 Gauge Galvanized Steel Duct	27.14	11.37
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0107	LF	12" x 22", 28 Gauge Galvanized Steel Duct	28.82	12.09
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0108	LF	12" x 24", 28 Gauge Galvanized Steel Duct	30.50	12.79
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0109	LF	14" x 14", 28 Gauge Galvanized Steel Duct	23.74	9.95
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.98*	
23 31 13 13-0110	LF	14" x 16", 28 Gauge Galvanized Steel Duct	25.42	10.67
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0111	LF	14" x 18", 28 Gauge Galvanized Steel Duct	27.14	11.37
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0112	LF	14" x 20", 28 Gauge Galvanized Steel Duct	28.82	12.09
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0113	LF	14" x 22", 28 Gauge Galvanized Steel Duct	30.50	12.79
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0114	LF	14" x 24", 28 Gauge Galvanized Steel Duct	32.22	13.51
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.75*	
23 31 13 13-0115	LF	16" x 16", 28 Gauge Galvanized Steel Duct	27.14	11.37
		For Flat Oval, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.69*	
23 31 13 13-0116	LF	16" x 18", 28 Gauge Galvanized Steel Duct	28.82	12.09
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.04*	
23 31 13 13-0117	LF	16" x 20", 28 Gauge Galvanized Steel Duct	30.50	12.79
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0118	LF	16" x 22", 28 Gauge Galvanized Steel Duct	32.22	13.51
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.75*	
23 31 13 13-0119	LF	16" x 24", 28 Gauge Galvanized Steel Duct	33.90	14.21
		For Flat Oval, Add	*1.53*	
		For Work In Restricted Working Space, Add	*7.11*	
23 31 13 13-0120	LF	18" x 18", 28 Gauge Galvanized Steel Duct	30.50	12.79
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0121	LF	18" x 20", 28 Gauge Galvanized Steel Duct	32.22	13.51
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0122	LF	18" x 22", 28 Gauge Galvanized Steel Duct	33.90	14.21
		For Flat Oval, Add	*1.53*	
		For Work In Restricted Working Space, Add	*7.11*	
23 31 13 13-0123	LF	18" x 24", 28 Gauge Galvanized Steel Duct	35.59	14.93
		For Flat Oval, Add	*1.61*	
		For Work In Restricted Working Space, Add	*7.46*	
23 31 13 13-0124	LF	20" x 20", 28 Gauge Galvanized Steel Duct	33.90	14.21
		For Flat Oval, Add	*1.53*	
		For Work In Restricted Working Space, Add	*7.11*	
23 31 13 13-0125	LF	20" x 22", 28 Gauge Galvanized Steel Duct	35.59	14.93
		For Flat Oval, Add	*1.61*	
		For Work In Restricted Working Space, Add	*7.46*	
23 31 13 13-0126	LF	20" x 24", 28 Gauge Galvanized Steel Duct	37.31	15.64
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.82*	
23 31 13 13-0127	LF	22" x 22", 28 Gauge Galvanized Steel Duct	37.31	15.64
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.82*	
23 31 13 13-0128	LF	22" x 24", 28 Gauge Galvanized Steel Duct	38.99	16.35
		For Flat Oval, Add	*1.76*	
		For Work In Restricted Working Space, Add	*8.18*	
23 31 13 13-0129	LF	24" x 24", 28 Gauge Galvanized Steel Duct	40.67	17.06
		For Flat Oval, Add	*1.84*	
		For Work In Restricted Working Space, Add	*8.53*	

23 31 13 13-0130 26 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0131	LF	4" x 4", 26 Gauge Galvanized Steel Duct	7.86	3.30
		For Flat Oval, Add	*0.36*	
		For Work In Restricted Working Space, Add	*1.65*	
23 31 13 13-0132	LF	4" x 6", 26 Gauge Galvanized Steel Duct	9.84	4.12
		For Flat Oval, Add	*0.44*	
		For Work In Restricted Working Space, Add	*2.06*	
23 31 13 13-0133	LF	4" x 8", 26 Gauge Galvanized Steel Duct	11.80	4.95
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.48*	
23 31 13 13-0134	LF	4" x 10", 26 Gauge Galvanized Steel Duct	13.76	5.77
		For Flat Oval, Add	*0.62*	
		For Work In Restricted Working Space, Add	*2.89*	
23 31 13 13-0135	LF	4" x 12", 26 Gauge Galvanized Steel Duct	15.74	6.60
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0136	LF	4" x 14", 26 Gauge Galvanized Steel Duct	17.69	7.42
		For Flat Oval, Add	*0.80*	
		For Work In Restricted Working Space, Add	*3.71*	
23 31 13 13-0137	LF	4" x 16", 26 Gauge Galvanized Steel Duct	19.65	8.25
		For Flat Oval, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.12*	
23 31 13 13-0138	LF	6" x 6", 26 Gauge Galvanized Steel Duct	11.80	4.95
		For Flat Oval, Add	*0.53*	
		For Work In Restricted Working Space, Add	*2.48*	
23 31 13 13-0139	LF	6" x 8", 26 Gauge Galvanized Steel Duct	13.76	5.77
		For Flat Oval, Add	*0.62*	
		For Work In Restricted Working Space, Add	*2.89*	
23 31 13 13-0140	LF	6" x 10", 26 Gauge Galvanized Steel Duct	15.74	6.60
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0141	LF	6" x 12", 26 Gauge Galvanized Steel Duct	17.70	7.42
		For Flat Oval, Add	*0.80*	
		For Work In Restricted Working Space, Add	*3.71*	
23 31 13 13-0142	LF	6" x 14", 26 Gauge Galvanized Steel Duct	19.65	8.25
		For Flat Oval, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.12*	
23 31 13 13-0143	LF	6" x 16", 26 Gauge Galvanized Steel Duct	21.64	9.07
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.54*	
23 31 13 13-0144	LF	8" x 8", 26 Gauge Galvanized Steel Duct	15.74	6.60
		For Flat Oval, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.30*	
23 31 13 13-0145	LF	8" x 10", 26 Gauge Galvanized Steel Duct	17.70	7.42
		For Flat Oval, Add	*0.80*	
		For Work In Restricted Working Space, Add	*3.71*	
23 31 13 13-0146	LF	8" x 12", 26 Gauge Galvanized Steel Duct	19.66	8.25
		For Flat Oval, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.12*	
23 31 13 13-0147	LF	8" x 14", 26 Gauge Galvanized Steel Duct	21.64	9.07
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.54*	
23 31 13 13-0148	LF	8" x 16", 26 Gauge Galvanized Steel Duct	23.60	9.89
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.95*	
23 31 13 13-0149	LF	8" x 18", 26 Gauge Galvanized Steel Duct	25.56	10.72
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.36*	
23 31 13 13-0150	LF	8" x 20", 26 Gauge Galvanized Steel Duct	27.52	11.54
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.77*	
23 31 13 13-0151	LF	8" x 22", 26 Gauge Galvanized Steel Duct	29.51	12.37
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0152	LF	8" x 24", 26 Gauge Galvanized Steel Duct	31.46	13.19
		For Flat Oval, Add	*1.42*	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 13-0153	LF	10" x 10", 26 Gauge Galvanized Steel Duct	19.66	8.25
		For Flat Oval, Add	*0.89*	
		For Work In Restricted Working Space, Add	*4.12*	
23 31 13 13-0154	LF	10" x 12", 26 Gauge Galvanized Steel Duct	21.63	9.06
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.54*	
23 31 13 13-0155	LF	10" x 14", 26 Gauge Galvanized Steel Duct	23.60	9.89
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.95*	
23 31 13 13-0156	LF	10" x 16", 26 Gauge Galvanized Steel Duct	25.56	10.72
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.36*	
23 31 13 13-0157	LF	10" x 18", 26 Gauge Galvanized Steel Duct	27.52	11.54
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.77*	
23 31 13 13-0158	LF	10" x 20", 26 Gauge Galvanized Steel Duct	29.51	12.37
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.19*	
23 31 13 13-0159	LF	10" x 22", 26 Gauge Galvanized Steel Duct	31.46	13.19
		For Flat Oval, Add	*1.42*	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 13-0160	LF	10" x 24", 26 Gauge Galvanized Steel Duct	33.43	14.02
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*7.01*	
23 31 13 13-0161	LF	12" x 12", 26 Gauge Galvanized Steel Duct	23.59	9.90
		For Flat Oval, Add	*1.07*	
		For Work In Restricted Working Space, Add	*4.95*	
23 31 13 13-0162	LF	12" x 14", 26 Gauge Galvanized Steel Duct	25.56	10.72
		For Flat Oval, Add	*1.15*	
		For Work In Restricted Working Space, Add	*5.36*	
23 31 13 13-0163	LF	12" x 16", 26 Gauge Galvanized Steel Duct	27.52	11.54
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.77*	
23 31 13 13-0164	LF	12" x 18", 26 Gauge Galvanized Steel Duct	29.51	12.37
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.19*	
23 31 13 13-0165	LF	12" x 20", 26 Gauge Galvanized Steel Duct	31.46	13.19
		For Flat Oval, Add	*1.42*	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 13-0166	LF	12" x 22", 26 Gauge Galvanized Steel Duct	33.43	14.02
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*7.01*	
23 31 13 13-0167	LF	12" x 24", 26 Gauge Galvanized Steel Duct	35.39	14.85
		For Flat Oval, Add	*1.60*	
		For Work In Restricted Working Space, Add	*7.42*	
23 31 13 13-0168	LF	14" x 14", 26 Gauge Galvanized Steel Duct	27.52	11.54
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.77*	
23 31 13 13-0169	LF	14" x 16", 26 Gauge Galvanized Steel Duct	29.51	12.37
		For Flat Oval, Add	*1.33*	
		For Work In Restricted Working Space, Add	*6.19*	
23 31 13 13-0170	LF	14" x 18", 26 Gauge Galvanized Steel Duct	31.46	13.19
		For Flat Oval, Add	*1.42*	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 13-0171	LF	14" x 20", 26 Gauge Galvanized Steel Duct	33.43	14.02
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*7.01*	
23 31 13 13-0172	LF	14" x 22", 26 Gauge Galvanized Steel Duct	35.39	14.85
		For Flat Oval, Add	*1.60*	
		For Work In Restricted Working Space, Add	*7.42*	
23 31 13 13-0173	LF	14" x 24", 26 Gauge Galvanized Steel Duct	37.38	15.67
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.84*	
23 31 13 13-0174	LF	16" x 16", 26 Gauge Galvanized Steel Duct	31.46	13.19
		For Flat Oval, Add	*1.42*	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 13-0175	LF	16" x 18", 26 Gauge Galvanized Steel Duct	33.43	14.02
		For Flat Oval, Add	*1.51*	
		For Work In Restricted Working Space, Add	*7.01*	
23 31 13 13-0176	LF	16" x 20", 26 Gauge Galvanized Steel Duct	35.39	14.85
		For Flat Oval, Add	*1.60*	
		For Work In Restricted Working Space, Add	*7.42*	
23 31 13 13-0177	LF	16" x 22", 26 Gauge Galvanized Steel Duct	37.38	15.67
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.84*	
23 31 13 13-0178	LF	16" x 24", 26 Gauge Galvanized Steel Duct	39.33	16.49
		For Flat Oval, Add	*1.78*	
		For Work In Restricted Working Space, Add	*8.25*	
23 31 13 13-0179	LF	18" x 18", 26 Gauge Galvanized Steel Duct	35.39	14.85
		For Flat Oval, Add	*1.60*	
		For Work In Restricted Working Space, Add	*7.42*	
23 31 13 13-0180	LF	18" x 20", 26 Gauge Galvanized Steel Duct	37.38	15.67
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.84*	
23 31 13 13-0181	LF	18" x 22", 26 Gauge Galvanized Steel Duct	39.33	16.49
		For Flat Oval, Add	*1.78*	
		For Work In Restricted Working Space, Add	*8.25*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0182		LF	18" x 24", 26 Gauge Galvanized Steel Duct	41.29	17.31
			For Flat Oval, Add	*1.86*	
			For Work In Restricted Working Space, Add	*8.66*	
23 31 13 13-0183		LF	20" x 20", 26 Gauge Galvanized Steel Duct	39.33	16.49
			For Flat Oval, Add	*1.78*	
			For Work In Restricted Working Space, Add	*8.25*	
23 31 13 13-0184		LF	20" x 22", 26 Gauge Galvanized Steel Duct	41.29	17.31
			For Flat Oval, Add	*1.86*	
			For Work In Restricted Working Space, Add	*8.66*	
23 31 13 13-0185		LF	20" x 24", 26 Gauge Galvanized Steel Duct	43.26	18.14
			For Flat Oval, Add	*1.95*	
			For Work In Restricted Working Space, Add	*9.07*	
23 31 13 13-0186		LF	22" x 22", 26 Gauge Galvanized Steel Duct	43.26	18.14
			For Flat Oval, Add	*1.95*	
			For Work In Restricted Working Space, Add	*9.07*	
23 31 13 13-0187		LF	22" x 24", 26 Gauge Galvanized Steel Duct	45.24	18.97
			For Flat Oval, Add	*2.04*	
			For Work In Restricted Working Space, Add	*9.48*	
23 31 13 13-0188		LF	24" x 24", 26 Gauge Galvanized Steel Duct	47.20	19.79
			For Flat Oval, Add	*2.13*	
			For Work In Restricted Working Space, Add	*9.90*	

23 31 13 13-0189 24 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0190		LF	4" x 4", 24 Gauge Galvanized Steel Duct	10.04	4.21
			For Flat Oval, Add	*0.45*	
			For Work In Restricted Working Space, Add	*2.11*	
23 31 13 13-0191		LF	4" x 6", 24 Gauge Galvanized Steel Duct	12.55	5.26
			For Flat Oval, Add	*0.57*	
			For Work In Restricted Working Space, Add	*2.63*	
23 31 13 13-0192		LF	4" x 8", 24 Gauge Galvanized Steel Duct	15.06	6.32
			For Flat Oval, Add	*0.68*	
			For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0193		LF	4" x 10", 24 Gauge Galvanized Steel Duct	17.57	7.36
			For Flat Oval, Add	*0.79*	
			For Work In Restricted Working Space, Add	*3.68*	
23 31 13 13-0194		LF	4" x 12", 24 Gauge Galvanized Steel Duct	20.06	8.41
			For Flat Oval, Add	*0.91*	
			For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0195		LF	4" x 14", 24 Gauge Galvanized Steel Duct	22.58	9.47
			For Flat Oval, Add	*1.02*	
			For Work In Restricted Working Space, Add	*4.73*	
23 31 13 13-0196		LF	4" x 16", 24 Gauge Galvanized Steel Duct	25.09	10.53
			For Flat Oval, Add	*1.13*	
			For Work In Restricted Working Space, Add	*5.26*	
23 31 13 13-0197		LF	6" x 6", 24 Gauge Galvanized Steel Duct	15.06	6.32
			For Flat Oval, Add	*0.68*	
			For Work In Restricted Working Space, Add	*3.16*	
23 31 13 13-0198		LF	6" x 8", 24 Gauge Galvanized Steel Duct	17.57	7.36
			For Flat Oval, Add	*0.79*	
			For Work In Restricted Working Space, Add	*3.68*	
23 31 13 13-0199		LF	6" x 10", 24 Gauge Galvanized Steel Duct	20.06	8.41
			For Flat Oval, Add	*0.91*	
			For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0200		LF	6" x 12", 24 Gauge Galvanized Steel Duct	22.58	9.47
			For Flat Oval, Add	*1.02*	
			For Work In Restricted Working Space, Add	*4.73*	
23 31 13 13-0201		LF	6" x 14", 24 Gauge Galvanized Steel Duct	25.09	10.53
			For Flat Oval, Add	*1.13*	
			For Work In Restricted Working Space, Add	*5.26*	
23 31 13 13-0202		LF	6" x 16", 24 Gauge Galvanized Steel Duct	27.60	11.57
			For Flat Oval, Add	*1.25*	
			For Work In Restricted Working Space, Add	*5.79*	
23 31 13 13-0203		LF	8" x 8", 24 Gauge Galvanized Steel Duct	20.06	8.41
			For Flat Oval, Add	*0.91*	
			For Work In Restricted Working Space, Add	*4.21*	
23 31 13 13-0204		LF	8" x 10", 24 Gauge Galvanized Steel Duct	22.58	9.47
			For Flat Oval, Add	*1.02*	
			For Work In Restricted Working Space, Add	*4.73*	
23 31 13 13-0205		LF	8" x 12", 24 Gauge Galvanized Steel Duct	25.09	10.53
			For Flat Oval, Add	*1.13*	
			For Work In Restricted Working Space, Add	*5.26*	
23 31 13 13-0206		LF	8" x 14", 24 Gauge Galvanized Steel Duct	27.60	11.57
			For Flat Oval, Add	*1.25*	
			For Work In Restricted Working Space, Add	*5.79*	
23 31 13 13-0207		LF	8" x 16", 24 Gauge Galvanized Steel Duct	30.10	12.63
			For Flat Oval, Add	*1.36*	
			For Work In Restricted Working Space, Add	*6.31*	
23 31 13 13-0208		LF	8" x 18", 24 Gauge Galvanized Steel Duct	32.61	13.68
			For Flat Oval, Add	*1.47*	
			For Work In Restricted Working Space, Add	*6.84*	
23 31 13 13-0209		LF	8" x 20", 24 Gauge Galvanized Steel Duct	35.12	14.73
			For Flat Oval, Add	*1.59*	
			For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0210		LF	8" x 22", 24 Gauge Galvanized Steel Duct	37.64	15.78
			For Flat Oval, Add	*1.70*	
			For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0211		LF	8" x 24", 24 Gauge Galvanized Steel Duct	40.15	16.84
			For Flat Oval, Add	*1.81*	
			For Work In Restricted Working Space, Add	*8.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0212	LF	10" x 10", 24 Gauge Galvanized Steel Duct	25.09	10.53
		For Flat Oval, Add	*1.13*	
		For Work In Restricted Working Space, Add	*5.26*	
23 31 13 13-0213	LF	10" x 12", 24 Gauge Galvanized Steel Duct	27.60	11.57
		For Flat Oval, Add	*1.25*	
		For Work In Restricted Working Space, Add	*5.79*	
23 31 13 13-0214	LF	10" x 14", 24 Gauge Galvanized Steel Duct	30.10	12.63
		For Flat Oval, Add	*1.36*	
		For Work In Restricted Working Space, Add	*6.31*	
23 31 13 13-0215	LF	10" x 16", 24 Gauge Galvanized Steel Duct	32.61	13.68
		For Flat Oval, Add	*1.47*	
		For Work In Restricted Working Space, Add	*6.84*	
23 31 13 13-0216	LF	10" x 18", 24 Gauge Galvanized Steel Duct	35.12	14.73
		For Flat Oval, Add	*1.59*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0217	LF	10" x 20", 24 Gauge Galvanized Steel Duct	37.64	15.78
		For Flat Oval, Add	*1.70*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0218	LF	10" x 22", 24 Gauge Galvanized Steel Duct	40.15	16.84
		For Flat Oval, Add	*1.81*	
		For Work In Restricted Working Space, Add	*8.42*	
23 31 13 13-0219	LF	10" x 24", 24 Gauge Galvanized Steel Duct	42.65	17.89
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.94*	
23 31 13 13-0220	LF	10" x 26", 24 Gauge Galvanized Steel Duct	45.17	18.94
		For Flat Oval, Add	*2.04*	
		For Work In Restricted Working Space, Add	*9.47*	
23 31 13 13-0221	LF	10" x 28", 24 Gauge Galvanized Steel Duct	47.67	19.99
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*10.00*	
23 31 13 13-0222	LF	10" x 30", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0223	LF	12" x 12", 24 Gauge Galvanized Steel Duct	30.10	12.63
		For Flat Oval, Add	*1.36*	
		For Work In Restricted Working Space, Add	*6.31*	
23 31 13 13-0224	LF	12" x 14", 24 Gauge Galvanized Steel Duct	32.61	13.68
		For Flat Oval, Add	*1.47*	
		For Work In Restricted Working Space, Add	*6.84*	
23 31 13 13-0225	LF	12" x 16", 24 Gauge Galvanized Steel Duct	35.12	14.73
		For Flat Oval, Add	*1.59*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0226	LF	12" x 18", 24 Gauge Galvanized Steel Duct	37.64	15.78
		For Flat Oval, Add	*1.70*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0227	LF	12" x 20", 24 Gauge Galvanized Steel Duct	40.15	16.84
		For Flat Oval, Add	*1.81*	
		For Work In Restricted Working Space, Add	*8.42*	
23 31 13 13-0228	LF	12" x 22", 24 Gauge Galvanized Steel Duct	42.65	17.89
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.94*	
23 31 13 13-0229	LF	12" x 24", 24 Gauge Galvanized Steel Duct	45.17	18.94
		For Flat Oval, Add	*2.04*	
		For Work In Restricted Working Space, Add	*9.47*	
23 31 13 13-0230	LF	12" x 26", 24 Gauge Galvanized Steel Duct	47.67	19.99
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*10.00*	
23 31 13 13-0231	LF	12" x 28", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0232	LF	12" x 30", 24 Gauge Galvanized Steel Duct	52.68	22.09
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*11.05*	
23 31 13 13-0233	LF	14" x 14", 24 Gauge Galvanized Steel Duct	35.12	14.73
		For Flat Oval, Add	*1.59*	
		For Work In Restricted Working Space, Add	*7.37*	
23 31 13 13-0234	LF	14" x 16", 24 Gauge Galvanized Steel Duct	37.64	15.78
		For Flat Oval, Add	*1.70*	
		For Work In Restricted Working Space, Add	*7.89*	
23 31 13 13-0235	LF	14" x 18", 24 Gauge Galvanized Steel Duct	40.15	16.84
		For Flat Oval, Add	*1.81*	
		For Work In Restricted Working Space, Add	*8.42*	
23 31 13 13-0236	LF	14" x 20", 24 Gauge Galvanized Steel Duct	42.65	17.89
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.94*	
23 31 13 13-0237	LF	14" x 22", 24 Gauge Galvanized Steel Duct	45.17	18.94
		For Flat Oval, Add	*2.04*	
		For Work In Restricted Working Space, Add	*9.47*	
23 31 13 13-0238	LF	14" x 24", 24 Gauge Galvanized Steel Duct	47.67	19.99
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*10.00*	
23 31 13 13-0239	LF	14" x 26", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0240	LF	14" x 28", 24 Gauge Galvanized Steel Duct	52.68	22.09
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*11.05*	
23 31 13 13-0241	LF	14" x 30", 24 Gauge Galvanized Steel Duct	55.21	23.16
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0242	LF	16" x 16", 24 Gauge Galvanized Steel Duct	40.15	16.84
		For Flat Oval, Add	*1.81*	
		For Work In Restricted Working Space, Add	*8.42*	
23 31 13 13-0243	LF	16" x 18", 24 Gauge Galvanized Steel Duct	42.65	17.89
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.94*	
23 31 13 13-0244	LF	16" x 20", 24 Gauge Galvanized Steel Duct	45.17	18.94
		For Flat Oval, Add	*2.04*	
		For Work In Restricted Working Space, Add	*9.47*	
23 31 13 13-0245	LF	16" x 22", 24 Gauge Galvanized Steel Duct	47.67	19.99
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*10.00*	
23 31 13 13-0246	LF	16" x 24", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0247	LF	16" x 26", 24 Gauge Galvanized Steel Duct	52.68	22.09
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*11.05*	
23 31 13 13-0248	LF	16" x 28", 24 Gauge Galvanized Steel Duct	55.21	23.16
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.58*	
23 31 13 13-0249	LF	16" x 30", 24 Gauge Galvanized Steel Duct	57.70	24.20
		For Flat Oval, Add	*2.61*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0250	LF	18" x 18", 24 Gauge Galvanized Steel Duct	45.17	18.94
		For Flat Oval, Add	*2.04*	
		For Work In Restricted Working Space, Add	*9.47*	
23 31 13 13-0251	LF	18" x 20", 24 Gauge Galvanized Steel Duct	47.67	19.99
		For Flat Oval, Add	*2.15*	
		For Work In Restricted Working Space, Add	*10.00*	
23 31 13 13-0252	LF	18" x 22", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0253	LF	18" x 24", 24 Gauge Galvanized Steel Duct	52.68	22.09
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*11.05*	
23 31 13 13-0254	LF	18" x 26", 24 Gauge Galvanized Steel Duct	55.21	23.16
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.58*	
23 31 13 13-0255	LF	18" x 28", 24 Gauge Galvanized Steel Duct	57.70	24.20
		For Flat Oval, Add	*2.61*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0256	LF	18" x 30", 24 Gauge Galvanized Steel Duct	60.21	25.25
		For Flat Oval, Add	*2.72*	
		For Work In Restricted Working Space, Add	*12.62*	
23 31 13 13-0257	LF	20" x 20", 24 Gauge Galvanized Steel Duct	50.18	21.04
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.52*	
23 31 13 13-0258	LF	20" x 22", 24 Gauge Galvanized Steel Duct	52.68	22.09
		For Flat Oval, Add	*2.38*	
		For Work In Restricted Working Space, Add	*11.05*	
23 31 13 13-0259	LF	20" x 24", 24 Gauge Galvanized Steel Duct	55.21	23.16
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.58*	
23 31 13 13-0260	LF	20" x 26", 24 Gauge Galvanized Steel Duct	57.70	24.20
		For Flat Oval, Add	*2.61*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0261	LF	20" x 28", 24 Gauge Galvanized Steel Duct	60.21	25.25
		For Flat Oval, Add	*2.72*	
		For Work In Restricted Working Space, Add	*12.62*	
23 31 13 13-0262	LF	20" x 30", 24 Gauge Galvanized Steel Duct	62.71	26.31
		For Flat Oval, Add	*2.83*	
		For Work In Restricted Working Space, Add	*13.15*	
23 31 13 13-0263	LF	22" x 22", 24 Gauge Galvanized Steel Duct	55.21	23.16
		For Flat Oval, Add	*2.49*	
		For Work In Restricted Working Space, Add	*11.58*	
23 31 13 13-0264	LF	22" x 24", 24 Gauge Galvanized Steel Duct	57.70	24.20
		For Flat Oval, Add	*2.61*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0265	LF	22" x 26", 24 Gauge Galvanized Steel Duct	60.21	25.25
		For Flat Oval, Add	*2.72*	
		For Work In Restricted Working Space, Add	*12.62*	
23 31 13 13-0266	LF	22" x 28", 24 Gauge Galvanized Steel Duct	62.71	26.31
		For Flat Oval, Add	*2.83*	
		For Work In Restricted Working Space, Add	*13.15*	
23 31 13 13-0267	LF	22" x 30", 24 Gauge Galvanized Steel Duct	65.23	27.36
		For Flat Oval, Add	*2.95*	
		For Work In Restricted Working Space, Add	*13.68*	
23 31 13 13-0268	LF	24" x 24", 24 Gauge Galvanized Steel Duct	60.21	25.25
		For Flat Oval, Add	*2.72*	
		For Work In Restricted Working Space, Add	*12.62*	
23 31 13 13-0269	LF	24" x 26", 24 Gauge Galvanized Steel Duct	62.71	26.31
		For Flat Oval, Add	*2.83*	
		For Work In Restricted Working Space, Add	*13.15*	
23 31 13 13-0270	LF	24" x 28", 24 Gauge Galvanized Steel Duct	65.23	27.36
		For Flat Oval, Add	*2.95*	
		For Work In Restricted Working Space, Add	*13.68*	
23 31 13 13-0271	LF	24" x 30", 24 Gauge Galvanized Steel Duct	67.74	28.40
		For Flat Oval, Add	*3.06*	
		For Work In Restricted Working Space, Add	*14.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0272	LF	26" x 26", 24 Gauge Galvanized Steel Duct	65.23	27.36
		For Flat Oval, Add	*2.95*	
		For Work In Restricted Working Space, Add	*13.68*	
23 31 13 13-0273	LF	26" x 28", 24 Gauge Galvanized Steel Duct	67.74	28.40
		For Flat Oval, Add	*3.06*	
		For Work In Restricted Working Space, Add	*14.21*	
23 31 13 13-0274	LF	26" x 30", 24 Gauge Galvanized Steel Duct	70.25	29.46
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.73*	
23 31 13 13-0275	LF	28" x 28", 24 Gauge Galvanized Steel Duct	70.25	29.46
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.73*	
23 31 13 13-0276	LF	28" x 30", 24 Gauge Galvanized Steel Duct	72.75	30.52
		For Flat Oval, Add	*3.29*	
		For Work In Restricted Working Space, Add	*15.26*	
23 31 13 13-0277	LF	30" x 30", 24 Gauge Galvanized Steel Duct	75.27	31.57
		For Flat Oval, Add	*3.40*	
		For Work In Restricted Working Space, Add	*15.78*	

23 31 13 13-0278 22 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0279	LF	4" x 4", 22 Gauge Galvanized Steel Duct	12.20	5.12
		For Flat Oval, Add	*0.55*	
		For Work In Restricted Working Space, Add	*2.56*	
23 31 13 13-0280	LF	4" x 6", 22 Gauge Galvanized Steel Duct	15.26	6.40
		For Flat Oval, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0281	LF	4" x 8", 22 Gauge Galvanized Steel Duct	18.31	7.68
		For Flat Oval, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.84*	
23 31 13 13-0282	LF	4" x 10", 22 Gauge Galvanized Steel Duct	21.36	8.96
		For Flat Oval, Add	*0.96*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0283	LF	4" x 12", 22 Gauge Galvanized Steel Duct	24.41	10.23
		For Flat Oval, Add	*1.10*	
		For Work In Restricted Working Space, Add	*5.12*	
23 31 13 13-0284	LF	4" x 14", 22 Gauge Galvanized Steel Duct	27.47	11.52
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.76*	
23 31 13 13-0285	LF	4" x 16", 22 Gauge Galvanized Steel Duct	30.52	12.80
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0286	LF	6" x 6", 22 Gauge Galvanized Steel Duct	18.31	7.68
		For Flat Oval, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.84*	
23 31 13 13-0287	LF	6" x 8", 22 Gauge Galvanized Steel Duct	21.36	8.96
		For Flat Oval, Add	*0.96*	
		For Work In Restricted Working Space, Add	*4.48*	
23 31 13 13-0288	LF	6" x 10", 22 Gauge Galvanized Steel Duct	24.41	10.23
		For Flat Oval, Add	*1.10*	
		For Work In Restricted Working Space, Add	*5.12*	
23 31 13 13-0289	LF	6" x 12", 22 Gauge Galvanized Steel Duct	27.47	11.52
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.76*	
23 31 13 13-0290	LF	6" x 14", 22 Gauge Galvanized Steel Duct	30.52	12.80
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0291	LF	6" x 16", 22 Gauge Galvanized Steel Duct	33.57	14.07
		For Flat Oval, Add	*1.52*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0292	LF	8" x 8", 22 Gauge Galvanized Steel Duct	24.41	10.23
		For Flat Oval, Add	*1.10*	
		For Work In Restricted Working Space, Add	*5.12*	
23 31 13 13-0293	LF	8" x 10", 22 Gauge Galvanized Steel Duct	27.47	11.52
		For Flat Oval, Add	*1.24*	
		For Work In Restricted Working Space, Add	*5.76*	
23 31 13 13-0294	LF	8" x 12", 22 Gauge Galvanized Steel Duct	30.52	12.80
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	
23 31 13 13-0295	LF	8" x 14", 22 Gauge Galvanized Steel Duct	33.57	14.07
		For Flat Oval, Add	*1.52*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0296	LF	8" x 16", 22 Gauge Galvanized Steel Duct	36.61	15.36
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*7.68*	
23 31 13 13-0297	LF	8" x 18", 22 Gauge Galvanized Steel Duct	39.67	16.64
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.32*	
23 31 13 13-0298	LF	8" x 20", 22 Gauge Galvanized Steel Duct	42.72	17.92
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 13-0299	LF	8" x 22", 22 Gauge Galvanized Steel Duct	45.78	19.20
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.60*	
23 31 13 13-0300	LF	8" x 24", 22 Gauge Galvanized Steel Duct	48.82	20.48
		For Flat Oval, Add	*2.21*	
		For Work In Restricted Working Space, Add	*10.24*	
23 31 13 13-0301	LF	10" x 10", 22 Gauge Galvanized Steel Duct	30.52	12.80
		For Flat Oval, Add	*1.38*	
		For Work In Restricted Working Space, Add	*6.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0302	LF	10" x 12", 22 Gauge Galvanized Steel Duct	33.57	14.07
		For Flat Oval, Add	*1.52*	
		For Work In Restricted Working Space, Add	*7.04*	
23 31 13 13-0303	LF	10" x 14", 22 Gauge Galvanized Steel Duct	36.61	15.36
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*7.68*	
23 31 13 13-0304	LF	10" x 16", 22 Gauge Galvanized Steel Duct	39.67	16.64
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.32*	
23 31 13 13-0305	LF	10" x 18", 22 Gauge Galvanized Steel Duct	42.72	17.92
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 13-0306	LF	10" x 20", 22 Gauge Galvanized Steel Duct	45.78	19.20
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.60*	
23 31 13 13-0307	LF	10" x 22", 22 Gauge Galvanized Steel Duct	48.82	20.48
		For Flat Oval, Add	*2.21*	
		For Work In Restricted Working Space, Add	*10.24*	
23 31 13 13-0308	LF	10" x 24", 22 Gauge Galvanized Steel Duct	51.88	21.76
		For Flat Oval, Add	*2.34*	
		For Work In Restricted Working Space, Add	*10.88*	
23 31 13 13-0309	LF	10" x 26", 22 Gauge Galvanized Steel Duct	54.94	23.04
		For Flat Oval, Add	*2.48*	
		For Work In Restricted Working Space, Add	*11.52*	
23 31 13 13-0310	LF	10" x 28", 22 Gauge Galvanized Steel Duct	57.98	24.31
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*12.16*	
23 31 13 13-0311	LF	10" x 30", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0312	LF	10" x 32", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0313	LF	12" x 12", 22 Gauge Galvanized Steel Duct	36.61	15.36
		For Flat Oval, Add	*1.65*	
		For Work In Restricted Working Space, Add	*7.68*	
23 31 13 13-0314	LF	12" x 14", 22 Gauge Galvanized Steel Duct	39.67	16.64
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.32*	
23 31 13 13-0315	LF	12" x 16", 22 Gauge Galvanized Steel Duct	42.72	17.92
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 13-0316	LF	12" x 18", 22 Gauge Galvanized Steel Duct	45.78	19.20
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.60*	
23 31 13 13-0317	LF	12" x 20", 22 Gauge Galvanized Steel Duct	48.82	20.48
		For Flat Oval, Add	*2.21*	
		For Work In Restricted Working Space, Add	*10.24*	
23 31 13 13-0318	LF	12" x 22", 22 Gauge Galvanized Steel Duct	51.88	21.76
		For Flat Oval, Add	*2.34*	
		For Work In Restricted Working Space, Add	*10.88*	
23 31 13 13-0319	LF	12" x 24", 22 Gauge Galvanized Steel Duct	54.94	23.04
		For Flat Oval, Add	*2.48*	
		For Work In Restricted Working Space, Add	*11.52*	
23 31 13 13-0320	LF	12" x 26", 22 Gauge Galvanized Steel Duct	57.98	24.31
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*12.16*	
23 31 13 13-0321	LF	12" x 28", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0322	LF	12" x 30", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0323	LF	12" x 32", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0324	LF	12" x 34", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0325	LF	12" x 36", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0326	LF	14" x 14", 22 Gauge Galvanized Steel Duct	42.72	17.92
		For Flat Oval, Add	*1.93*	
		For Work In Restricted Working Space, Add	*8.96*	
23 31 13 13-0327	LF	14" x 16", 22 Gauge Galvanized Steel Duct	45.78	19.20
		For Flat Oval, Add	*2.07*	
		For Work In Restricted Working Space, Add	*9.60*	
23 31 13 13-0328	LF	14" x 18", 22 Gauge Galvanized Steel Duct	48.82	20.48
		For Flat Oval, Add	*2.21*	
		For Work In Restricted Working Space, Add	*10.24*	
23 31 13 13-0329	LF	14" x 20", 22 Gauge Galvanized Steel Duct	51.88	21.76
		For Flat Oval, Add	*2.34*	
		For Work In Restricted Working Space, Add	*10.88*	
23 31 13 13-0330	LF	14" x 22", 22 Gauge Galvanized Steel Duct	54.94	23.04
		For Flat Oval, Add	*2.48*	
		For Work In Restricted Working Space, Add	*11.52*	
23 31 13 13-0331	LF	14" x 24", 22 Gauge Galvanized Steel Duct	57.98	24.31
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*12.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0332	LF	14" x 26", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0333	LF	14" x 28", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0334	LF	14" x 30", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0335	LF	14" x 32", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0336	LF	14" x 34", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0337	LF	14" x 36", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0338	LF	16" x 16", 22 Gauge Galvanized Steel Duct	48.82	20.48
		For Flat Oval, Add	*2.21*	
		For Work In Restricted Working Space, Add	*10.24*	
23 31 13 13-0339	LF	16" x 18", 22 Gauge Galvanized Steel Duct	51.88	21.76
		For Flat Oval, Add	*2.34*	
		For Work In Restricted Working Space, Add	*10.88*	
23 31 13 13-0340	LF	16" x 20", 22 Gauge Galvanized Steel Duct	54.94	23.04
		For Flat Oval, Add	*2.48*	
		For Work In Restricted Working Space, Add	*11.52*	
23 31 13 13-0341	LF	16" x 22", 22 Gauge Galvanized Steel Duct	57.98	24.31
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*12.16*	
23 31 13 13-0342	LF	16" x 24", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0343	LF	16" x 26", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0344	LF	16" x 28", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0345	LF	16" x 30", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0346	LF	16" x 32", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0347	LF	16" x 34", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0348	LF	16" x 36", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	
23 31 13 13-0349	LF	16" x 38", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0350	LF	16" x 40", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0351	LF	16" x 42", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0352	LF	16" x 44", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0353	LF	18" x 18", 22 Gauge Galvanized Steel Duct	54.94	23.04
		For Flat Oval, Add	*2.48*	
		For Work In Restricted Working Space, Add	*11.52*	
23 31 13 13-0354	LF	18" x 20", 22 Gauge Galvanized Steel Duct	57.98	24.31
		For Flat Oval, Add	*2.62*	
		For Work In Restricted Working Space, Add	*12.16*	
23 31 13 13-0355	LF	18" x 22", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0356	LF	18" x 24", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0357	LF	18" x 26", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0358	LF	18" x 28", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0359	LF	18" x 30", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0360	LF	18" x 32", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0361	LF	18" x 34", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0362	LF	18" x 36", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0363	LF	18" x 38", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0364	LF	18" x 40", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0365	LF	18" x 42", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0366	LF	18" x 44", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0367	LF	18" x 46", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0368	LF	20" x 20", 22 Gauge Galvanized Steel Duct	61.03	25.59
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.80*	
23 31 13 13-0369	LF	20" x 22", 22 Gauge Galvanized Steel Duct	64.08	26.87
		For Flat Oval, Add	*2.89*	
		For Work In Restricted Working Space, Add	*13.44*	
23 31 13 13-0370	LF	20" x 24", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0371	LF	20" x 26", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0372	LF	20" x 28", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0373	LF	20" x 30", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0374	LF	20" x 32", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	
23 31 13 13-0375	LF	20" x 34", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0376	LF	20" x 36", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0377	LF	20" x 38", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0378	LF	20" x 40", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0379	LF	20" x 42", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0380	LF	20" x 44", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0381	LF	20" x 46", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0382	LF	20" x 48", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0383	LF	22" x 22", 22 Gauge Galvanized Steel Duct	67.14	28.16
		For Flat Oval, Add	*3.03*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0384	LF	22" x 24", 22 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0385	LF	22" x 26", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0386	LF	22" x 28", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0387	LF	22" x 30", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	
23 31 13 13-0388	LF	22" x 32", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0389	LF	22" x 34", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0390	LF	22" x 36", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0391	LF	22" x 38", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0392	LF	22" x 40", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0393	LF	22" x 42", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0394	LF	22" x 44", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0395	LF	22" x 46", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0396	LF	22" x 48", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0397	LF	24" x 24", 22 Gauge Galvanized Steel Duct	73.24	30.71
		For Flat Oval, Add	*3.31*	
		For Work In Restricted Working Space, Add	*15.36*	
23 31 13 13-0398	LF	24" x 26", 22 Gauge Galvanized Steel Duct	76.29	32.00
		For Flat Oval, Add	*3.45*	
		For Work In Restricted Working Space, Add	*16.00*	
23 31 13 13-0399	LF	24" x 28", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	
23 31 13 13-0400	LF	24" x 30", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0401	LF	24" x 32", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0402	LF	24" x 34", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0403	LF	24" x 36", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0404	LF	24" x 38", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0405	LF	24" x 40", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0406	LF	24" x 42", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0407	LF	24" x 44", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0408	LF	24" x 46", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0409	LF	24" x 48", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0410	LF	26" x 26", 22 Gauge Galvanized Steel Duct	79.35	33.27
		For Flat Oval, Add	*3.58*	
		For Work In Restricted Working Space, Add	*16.64*	
23 31 13 13-0411	LF	26" x 28", 22 Gauge Galvanized Steel Duct	82.39	34.56
		For Flat Oval, Add	*3.72*	
		For Work In Restricted Working Space, Add	*17.28*	
23 31 13 13-0412	LF	26" x 30", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0413	LF	26" x 32", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0414	LF	26" x 34", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0415	LF	26" x 36", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0416	LF	26" x 38", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0417	LF	26" x 40", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0418	LF	26" x 42", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0419	LF	26" x 44", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0420	LF	26" x 46", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0421	LF	26" x 48", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0422	LF	28" x 28", 22 Gauge Galvanized Steel Duct	85.44	35.83
		For Flat Oval, Add	*3.86*	
		For Work In Restricted Working Space, Add	*17.92*	
23 31 13 13-0423	LF	28" x 30", 22 Gauge Galvanized Steel Duct	88.49	37.11
		For Flat Oval, Add	*4.00*	
		For Work In Restricted Working Space, Add	*18.56*	
23 31 13 13-0424	LF	28" x 32", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0425	LF	28" x 34", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0426	LF	28" x 36", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0427	LF	28" x 38", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0428	LF	28" x 40", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0429	LF	28" x 42", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0430	LF	28" x 44", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0431	LF	28" x 46", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	
23 31 13 13-0432	LF	28" x 48", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0433	LF	30" x 30", 22 Gauge Galvanized Steel Duct	91.55	38.40
		For Flat Oval, Add	*4.13*	
		For Work In Restricted Working Space, Add	*19.20*	
23 31 13 13-0434	LF	30" x 32", 22 Gauge Galvanized Steel Duct	94.60	39.66
		For Flat Oval, Add	*4.27*	
		For Work In Restricted Working Space, Add	*19.84*	
23 31 13 13-0435	LF	30" x 34", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0436	LF	30" x 36", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0437	LF	30" x 38", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0438	LF	30" x 40", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0439	LF	30" x 42", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0440	LF	30" x 44", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	
23 31 13 13-0441	LF	30" x 46", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0442	LF	30" x 48", 22 Gauge Galvanized Steel Duct	119.01	49.91
		For Flat Oval, Add	*5.37*	
		For Work In Restricted Working Space, Add	*24.95*	
23 31 13 13-0443	LF	32" x 32", 22 Gauge Galvanized Steel Duct	97.65	40.95
		For Flat Oval, Add	*4.41*	
		For Work In Restricted Working Space, Add	*20.48*	
23 31 13 13-0444	LF	32" x 34", 22 Gauge Galvanized Steel Duct	100.70	42.23
		For Flat Oval, Add	*4.55*	
		For Work In Restricted Working Space, Add	*21.11*	
23 31 13 13-0445	LF	32" x 36", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0446	LF	32" x 38", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0447	LF	32" x 40", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0448	LF	32" x 42", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	
23 31 13 13-0449	LF	32" x 44", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0450	LF	32" x 46", 22 Gauge Galvanized Steel Duct	119.01	49.91
		For Flat Oval, Add	*5.37*	
		For Work In Restricted Working Space, Add	*24.95*	
23 31 13 13-0451	LF	32" x 48", 22 Gauge Galvanized Steel Duct	122.06	51.19
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*25.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0452	LF	34" x 34", 22 Gauge Galvanized Steel Duct	103.75	43.50
		For Flat Oval, Add	*4.68*	
		For Work In Restricted Working Space, Add	*21.76*	
23 31 13 13-0453	LF	34" x 36", 22 Gauge Galvanized Steel Duct	106.81	44.79
		For Flat Oval, Add	*4.82*	
		For Work In Restricted Working Space, Add	*22.40*	
23 31 13 13-0454	LF	34" x 38", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0455	LF	34" x 40", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	
23 31 13 13-0456	LF	34" x 42", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0457	LF	34" x 44", 22 Gauge Galvanized Steel Duct	119.01	49.91
		For Flat Oval, Add	*5.37*	
		For Work In Restricted Working Space, Add	*24.95*	
23 31 13 13-0458	LF	34" x 46", 22 Gauge Galvanized Steel Duct	122.06	51.19
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*25.59*	
23 31 13 13-0459	LF	34" x 48", 22 Gauge Galvanized Steel Duct	125.12	52.47
		For Flat Oval, Add	*5.65*	
		For Work In Restricted Working Space, Add	*26.24*	
23 31 13 13-0460	LF	36" x 36", 22 Gauge Galvanized Steel Duct	109.85	46.07
		For Flat Oval, Add	*4.96*	
		For Work In Restricted Working Space, Add	*23.03*	
23 31 13 13-0461	LF	36" x 38", 22 Gauge Galvanized Steel Duct	112.91	47.35
		For Flat Oval, Add	*5.10*	
		For Work In Restricted Working Space, Add	*23.68*	
23 31 13 13-0462	LF	36" x 40", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0463	LF	36" x 42", 22 Gauge Galvanized Steel Duct	119.01	49.91
		For Flat Oval, Add	*5.37*	
		For Work In Restricted Working Space, Add	*24.95*	
23 31 13 13-0464	LF	36" x 44", 22 Gauge Galvanized Steel Duct	122.06	51.19
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*25.59*	
23 31 13 13-0465	LF	36" x 46", 22 Gauge Galvanized Steel Duct	125.12	52.47
		For Flat Oval, Add	*5.65*	
		For Work In Restricted Working Space, Add	*26.24*	
23 31 13 13-0466	LF	36" x 48", 22 Gauge Galvanized Steel Duct	128.15	53.75
		For Flat Oval, Add	*5.79*	
		For Work In Restricted Working Space, Add	*26.87*	
23 31 13 13-0467	LF	38" x 38", 22 Gauge Galvanized Steel Duct	115.96	48.63
		For Flat Oval, Add	*5.24*	
		For Work In Restricted Working Space, Add	*24.32*	
23 31 13 13-0468	LF	38" x 40", 22 Gauge Galvanized Steel Duct	119.01	49.91
		For Flat Oval, Add	*5.37*	
		For Work In Restricted Working Space, Add	*24.95*	
23 31 13 13-0469	LF	38" x 42", 22 Gauge Galvanized Steel Duct	122.06	51.19
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*25.59*	
23 31 13 13-0470	LF	38" x 44", 22 Gauge Galvanized Steel Duct	125.12	52.47
		For Flat Oval, Add	*5.65*	
		For Work In Restricted Working Space, Add	*26.24*	
23 31 13 13-0471	LF	38" x 46", 22 Gauge Galvanized Steel Duct	128.15	53.75
		For Flat Oval, Add	*5.79*	
		For Work In Restricted Working Space, Add	*26.87*	
23 31 13 13-0472	LF	38" x 48", 22 Gauge Galvanized Steel Duct	131.21	55.02
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0473	LF	38" x 50", 22 Gauge Galvanized Steel Duct	134.26	56.30
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*28.15*	
23 31 13 13-0474	LF	40" x 40", 22 Gauge Galvanized Steel Duct	122.06	51.19
		For Flat Oval, Add	*5.51*	
		For Work In Restricted Working Space, Add	*25.59*	
23 31 13 13-0475	LF	40" x 42", 22 Gauge Galvanized Steel Duct	125.12	52.47
		For Flat Oval, Add	*5.65*	
		For Work In Restricted Working Space, Add	*26.24*	
23 31 13 13-0476	LF	40" x 44", 22 Gauge Galvanized Steel Duct	128.15	53.75
		For Flat Oval, Add	*5.79*	
		For Work In Restricted Working Space, Add	*26.87*	
23 31 13 13-0477	LF	40" x 46", 22 Gauge Galvanized Steel Duct	131.21	55.02
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0478	LF	40" x 48", 22 Gauge Galvanized Steel Duct	134.26	56.30
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*28.15*	
23 31 13 13-0479	LF	40" x 50", 22 Gauge Galvanized Steel Duct	137.32	57.59
		For Flat Oval, Add	*6.20*	
		For Work In Restricted Working Space, Add	*28.79*	
23 31 13 13-0480	LF	40" x 52", 22 Gauge Galvanized Steel Duct	140.36	58.86
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0481	LF	40" x 54", 22 Gauge Galvanized Steel Duct	143.42	60.14
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*30.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0482	LF	42" x 42", 22 Gauge Galvanized Steel Duct	128.15	53.75
		For Flat Oval, Add	*5.79*	
		For Work In Restricted Working Space, Add	*26.87*	
23 31 13 13-0483	LF	42" x 44", 22 Gauge Galvanized Steel Duct	131.21	55.02
		For Flat Oval, Add	*5.93*	
		For Work In Restricted Working Space, Add	*27.51*	
23 31 13 13-0484	LF	42" x 46", 22 Gauge Galvanized Steel Duct	134.26	56.30
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*28.15*	
23 31 13 13-0485	LF	42" x 48", 22 Gauge Galvanized Steel Duct	137.32	57.59
		For Flat Oval, Add	*6.20*	
		For Work In Restricted Working Space, Add	*28.79*	
23 31 13 13-0486	LF	42" x 50", 22 Gauge Galvanized Steel Duct	140.36	58.86
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0487	LF	42" x 52", 22 Gauge Galvanized Steel Duct	143.42	60.14
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*30.07*	
23 31 13 13-0488	LF	42" x 54", 22 Gauge Galvanized Steel Duct	146.47	61.43
		For Flat Oval, Add	*6.62*	
		For Work In Restricted Working Space, Add	*30.71*	
23 31 13 13-0489	LF	44" x 44", 22 Gauge Galvanized Steel Duct	134.26	56.30
		For Flat Oval, Add	*6.06*	
		For Work In Restricted Working Space, Add	*28.15*	
23 31 13 13-0490	LF	44" x 46", 22 Gauge Galvanized Steel Duct	137.32	57.59
		For Flat Oval, Add	*6.20*	
		For Work In Restricted Working Space, Add	*28.79*	
23 31 13 13-0491	LF	44" x 48", 22 Gauge Galvanized Steel Duct	140.36	58.86
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0492	LF	44" x 50", 22 Gauge Galvanized Steel Duct	143.42	60.14
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*30.07*	
23 31 13 13-0493	LF	44" x 52", 22 Gauge Galvanized Steel Duct	146.47	61.43
		For Flat Oval, Add	*6.62*	
		For Work In Restricted Working Space, Add	*30.71*	
23 31 13 13-0494	LF	44" x 54", 22 Gauge Galvanized Steel Duct	149.52	62.70
		For Flat Oval, Add	*6.75*	
		For Work In Restricted Working Space, Add	*31.35*	
23 31 13 13-0495	LF	46" x 46", 22 Gauge Galvanized Steel Duct	140.36	58.86
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0496	LF	46" x 48", 22 Gauge Galvanized Steel Duct	143.42	60.14
		For Flat Oval, Add	*6.48*	
		For Work In Restricted Working Space, Add	*30.07*	
23 31 13 13-0497	LF	46" x 50", 22 Gauge Galvanized Steel Duct	146.47	61.43
		For Flat Oval, Add	*6.62*	
		For Work In Restricted Working Space, Add	*30.71*	
23 31 13 13-0498	LF	46" x 52", 22 Gauge Galvanized Steel Duct	149.52	62.70
		For Flat Oval, Add	*6.75*	
		For Work In Restricted Working Space, Add	*31.35*	
23 31 13 13-0499	LF	46" x 54", 22 Gauge Galvanized Steel Duct	152.56	63.99
		For Flat Oval, Add	*6.89*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0500	LF	48" x 48", 22 Gauge Galvanized Steel Duct	146.47	61.43
		For Flat Oval, Add	*6.62*	
		For Work In Restricted Working Space, Add	*30.71*	
23 31 13 13-0501	LF	48" x 50", 22 Gauge Galvanized Steel Duct	149.52	62.70
		For Flat Oval, Add	*6.75*	
		For Work In Restricted Working Space, Add	*31.35*	
23 31 13 13-0502	LF	48" x 52", 22 Gauge Galvanized Steel Duct	152.56	63.99
		For Flat Oval, Add	*6.89*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0503	LF	48" x 54", 22 Gauge Galvanized Steel Duct	155.62	65.27
		For Flat Oval, Add	*7.03*	
		For Work In Restricted Working Space, Add	*32.63*	
23 31 13 13-0504	LF	50" x 50", 22 Gauge Galvanized Steel Duct	152.56	63.99
		For Flat Oval, Add	*6.89*	
		For Work In Restricted Working Space, Add	*31.99*	
23 31 13 13-0505	LF	50" x 52", 22 Gauge Galvanized Steel Duct	155.62	65.27
		For Flat Oval, Add	*7.03*	
		For Work In Restricted Working Space, Add	*32.63*	
23 31 13 13-0506	LF	50" x 54", 22 Gauge Galvanized Steel Duct	158.68	66.54
		For Flat Oval, Add	*7.17*	
		For Work In Restricted Working Space, Add	*33.27*	
23 31 13 13-0507	LF	52" x 52", 22 Gauge Galvanized Steel Duct	158.68	66.54
		For Flat Oval, Add	*7.17*	
		For Work In Restricted Working Space, Add	*33.27*	
23 31 13 13-0508	LF	52" x 54", 22 Gauge Galvanized Steel Duct	161.73	67.83
		For Flat Oval, Add	*7.30*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 13-0509	LF	54" x 54", 22 Gauge Galvanized Steel Duct	164.78	69.11
		For Flat Oval, Add	*7.44*	
		For Work In Restricted Working Space, Add	*34.55*	

23 31 13 13-0510 20 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0511	LF	4" x 4", 20 Gauge Galvanized Steel Duct	14.37	6.03
		For Flat Oval, Add	*0.65*	
		For Work In Restricted Working Space, Add	*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0512	LF	4" x 6", 20 Gauge Galvanized Steel Duct	17.97	7.53
		For Flat Oval, Add	*0.81*	
		For Work In Restricted Working Space, Add	*3.77*	
23 31 13 13-0513	LF	4" x 8", 20 Gauge Galvanized Steel Duct	21.57	9.04
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0514	LF	4" x 10", 20 Gauge Galvanized Steel Duct	25.16	10.56
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.28*	
23 31 13 13-0515	LF	4" x 12", 20 Gauge Galvanized Steel Duct	28.75	12.06
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.03*	
23 31 13 13-0516	LF	4" x 14", 20 Gauge Galvanized Steel Duct	32.36	13.57
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.78*	
23 31 13 13-0517	LF	4" x 16", 20 Gauge Galvanized Steel Duct	35.94	15.07
		For Flat Oval, Add	*1.62*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0518	LF	6" x 6", 20 Gauge Galvanized Steel Duct	21.57	9.04
		For Flat Oval, Add	*0.98*	
		For Work In Restricted Working Space, Add	*4.52*	
23 31 13 13-0519	LF	6" x 8", 20 Gauge Galvanized Steel Duct	25.16	10.56
		For Flat Oval, Add	*1.14*	
		For Work In Restricted Working Space, Add	*5.28*	
23 31 13 13-0520	LF	6" x 10", 20 Gauge Galvanized Steel Duct	28.75	12.06
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.03*	
23 31 13 13-0521	LF	6" x 12", 20 Gauge Galvanized Steel Duct	32.36	13.57
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.78*	
23 31 13 13-0522	LF	6" x 14", 20 Gauge Galvanized Steel Duct	35.94	15.07
		For Flat Oval, Add	*1.62*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0523	LF	6" x 16", 20 Gauge Galvanized Steel Duct	39.54	16.58
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0524	LF	8" x 8", 20 Gauge Galvanized Steel Duct	28.75	12.06
		For Flat Oval, Add	*1.30*	
		For Work In Restricted Working Space, Add	*6.03*	
23 31 13 13-0525	LF	8" x 10", 20 Gauge Galvanized Steel Duct	32.36	13.57
		For Flat Oval, Add	*1.46*	
		For Work In Restricted Working Space, Add	*6.78*	
23 31 13 13-0526	LF	8" x 12", 20 Gauge Galvanized Steel Duct	35.94	15.07
		For Flat Oval, Add	*1.62*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0527	LF	8" x 14", 20 Gauge Galvanized Steel Duct	39.54	16.58
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0528	LF	8" x 16", 20 Gauge Galvanized Steel Duct	43.13	18.09
		For Flat Oval, Add	*1.95*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0529	LF	8" x 18", 20 Gauge Galvanized Steel Duct	46.72	19.59
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.80*	
23 31 13 13-0530	LF	8" x 20", 20 Gauge Galvanized Steel Duct	50.33	21.10
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.55*	
23 31 13 13-0531	LF	8" x 22", 20 Gauge Galvanized Steel Duct	53.90	22.61
		For Flat Oval, Add	*2.43*	
		For Work In Restricted Working Space, Add	*11.30*	
23 31 13 13-0532	LF	8" x 24", 20 Gauge Galvanized Steel Duct	57.50	24.11
		For Flat Oval, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.06*	
23 31 13 13-0533	LF	10" x 10", 20 Gauge Galvanized Steel Duct	35.94	15.07
		For Flat Oval, Add	*1.62*	
		For Work In Restricted Working Space, Add	*7.54*	
23 31 13 13-0534	LF	10" x 12", 20 Gauge Galvanized Steel Duct	39.54	16.58
		For Flat Oval, Add	*1.79*	
		For Work In Restricted Working Space, Add	*8.29*	
23 31 13 13-0535	LF	10" x 14", 20 Gauge Galvanized Steel Duct	43.13	18.09
		For Flat Oval, Add	*1.95*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0536	LF	10" x 16", 20 Gauge Galvanized Steel Duct	46.72	19.59
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.80*	
23 31 13 13-0537	LF	10" x 18", 20 Gauge Galvanized Steel Duct	50.33	21.10
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.55*	
23 31 13 13-0538	LF	10" x 20", 20 Gauge Galvanized Steel Duct	53.90	22.61
		For Flat Oval, Add	*2.43*	
		For Work In Restricted Working Space, Add	*11.30*	
23 31 13 13-0539	LF	10" x 22", 20 Gauge Galvanized Steel Duct	57.50	24.11
		For Flat Oval, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.06*	
23 31 13 13-0540	LF	10" x 24", 20 Gauge Galvanized Steel Duct	61.11	25.62
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.81*	
23 31 13 13-0541	LF	10" x 26", 20 Gauge Galvanized Steel Duct	64.68	27.13
		For Flat Oval, Add	*2.92*	
		For Work In Restricted Working Space, Add	*13.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0542	LF	10" x 28", 20 Gauge Galvanized Steel Duct	68.29	28.64
		For Flat Oval, Add	*3.08*	
		For Work In Restricted Working Space, Add	*14.32*	
23 31 13 13-0543	LF	10" x 30", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0544	LF	10" x 32", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	
23 31 13 13-0545	LF	12" x 12", 20 Gauge Galvanized Steel Duct	43.13	18.09
		For Flat Oval, Add	*1.95*	
		For Work In Restricted Working Space, Add	*9.05*	
23 31 13 13-0546	LF	12" x 14", 20 Gauge Galvanized Steel Duct	46.72	19.59
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.80*	
23 31 13 13-0547	LF	12" x 16", 20 Gauge Galvanized Steel Duct	50.33	21.10
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.55*	
23 31 13 13-0548	LF	12" x 18", 20 Gauge Galvanized Steel Duct	53.90	22.61
		For Flat Oval, Add	*2.43*	
		For Work In Restricted Working Space, Add	*11.30*	
23 31 13 13-0549	LF	12" x 20", 20 Gauge Galvanized Steel Duct	57.50	24.11
		For Flat Oval, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.06*	
23 31 13 13-0550	LF	12" x 22", 20 Gauge Galvanized Steel Duct	61.11	25.62
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.81*	
23 31 13 13-0551	LF	12" x 24", 20 Gauge Galvanized Steel Duct	64.68	27.13
		For Flat Oval, Add	*2.92*	
		For Work In Restricted Working Space, Add	*13.56*	
23 31 13 13-0552	LF	12" x 26", 20 Gauge Galvanized Steel Duct	68.29	28.64
		For Flat Oval, Add	*3.08*	
		For Work In Restricted Working Space, Add	*14.32*	
23 31 13 13-0553	LF	12" x 28", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0554	LF	12" x 30", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	
23 31 13 13-0555	LF	12" x 32", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0556	LF	12" x 34", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0557	LF	12" x 36", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0558	LF	14" x 14", 20 Gauge Galvanized Steel Duct	50.33	21.10
		For Flat Oval, Add	*2.27*	
		For Work In Restricted Working Space, Add	*10.55*	
23 31 13 13-0559	LF	14" x 16", 20 Gauge Galvanized Steel Duct	53.90	22.61
		For Flat Oval, Add	*2.43*	
		For Work In Restricted Working Space, Add	*11.30*	
23 31 13 13-0560	LF	14" x 18", 20 Gauge Galvanized Steel Duct	57.50	24.11
		For Flat Oval, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.06*	
23 31 13 13-0561	LF	14" x 20", 20 Gauge Galvanized Steel Duct	61.11	25.62
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.81*	
23 31 13 13-0562	LF	14" x 22", 20 Gauge Galvanized Steel Duct	64.68	27.13
		For Flat Oval, Add	*2.92*	
		For Work In Restricted Working Space, Add	*13.56*	
23 31 13 13-0563	LF	14" x 24", 20 Gauge Galvanized Steel Duct	68.29	28.64
		For Flat Oval, Add	*3.08*	
		For Work In Restricted Working Space, Add	*14.32*	
23 31 13 13-0564	LF	14" x 26", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0565	LF	14" x 28", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	
23 31 13 13-0566	LF	14" x 30", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0567	LF	14" x 32", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0568	LF	14" x 34", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0569	LF	14" x 36", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0570	LF	16" x 16", 20 Gauge Galvanized Steel Duct	57.50	24.11
		For Flat Oval, Add	*2.60*	
		For Work In Restricted Working Space, Add	*12.06*	
23 31 13 13-0571	LF	16" x 18", 20 Gauge Galvanized Steel Duct	61.11	25.62
		For Flat Oval, Add	*2.76*	
		For Work In Restricted Working Space, Add	*12.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0572	LF	16" x 20", 20 Gauge Galvanized Steel Duct	64.68	27.13
		For Flat Oval, Add	*2.92*	
		For Work In Restricted Working Space, Add	*13.56*	
23 31 13 13-0573	LF	16" x 22", 20 Gauge Galvanized Steel Duct	68.29	28.64
		For Flat Oval, Add	*3.08*	
		For Work In Restricted Working Space, Add	*14.32*	
23 31 13 13-0574	LF	16" x 24", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0575	LF	16" x 26", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	
23 31 13 13-0576	LF	16" x 28", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0577	LF	16" x 30", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0578	LF	16" x 32", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0579	LF	16" x 34", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0580	LF	16" x 36", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	
23 31 13 13-0581	LF	16" x 38", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0582	LF	16" x 40", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0583	LF	16" x 42", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0584	LF	16" x 44", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0585	LF	18" x 18", 20 Gauge Galvanized Steel Duct	64.68	27.13
		For Flat Oval, Add	*2.92*	
		For Work In Restricted Working Space, Add	*13.56*	
23 31 13 13-0586	LF	18" x 20", 20 Gauge Galvanized Steel Duct	68.29	28.64
		For Flat Oval, Add	*3.08*	
		For Work In Restricted Working Space, Add	*14.32*	
23 31 13 13-0587	LF	18" x 22", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0588	LF	18" x 24", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	
23 31 13 13-0589	LF	18" x 26", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0590	LF	18" x 28", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0591	LF	18" x 30", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0592	LF	18" x 32", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0593	LF	18" x 34", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	
23 31 13 13-0594	LF	18" x 36", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0595	LF	18" x 38", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0596	LF	18" x 40", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0597	LF	18" x 42", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0598	LF	18" x 44", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0599	LF	18" x 46", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0600	LF	20" x 20", 20 Gauge Galvanized Steel Duct	71.87	30.15
		For Flat Oval, Add	*3.24*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0601	LF	20" x 22", 20 Gauge Galvanized Steel Duct	75.48	31.65
		For Flat Oval, Add	*3.41*	
		For Work In Restricted Working Space, Add	*15.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0602	LF	20" x 24", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0603	LF	20" x 26", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0604	LF	20" x 28", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0605	LF	20" x 30", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0606	LF	20" x 32", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	
23 31 13 13-0607	LF	20" x 34", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0608	LF	20" x 36", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0609	LF	20" x 38", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0610	LF	20" x 40", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0611	LF	20" x 42", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0612	LF	20" x 44", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0613	LF	20" x 46", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0614	LF	20" x 48", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0615	LF	22" x 22", 20 Gauge Galvanized Steel Duct	79.08	33.16
		For Flat Oval, Add	*3.57*	
		For Work In Restricted Working Space, Add	*16.58*	
23 31 13 13-0616	LF	22" x 24", 20 Gauge Galvanized Steel Duct	82.65	34.67
		For Flat Oval, Add	*3.73*	
		For Work In Restricted Working Space, Add	*17.33*	
23 31 13 13-0617	LF	22" x 26", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0618	LF	22" x 28", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0619	LF	22" x 30", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	
23 31 13 13-0620	LF	22" x 32", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0621	LF	22" x 34", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0622	LF	22" x 36", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0623	LF	22" x 38", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0624	LF	22" x 40", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0625	LF	22" x 42", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0626	LF	22" x 44", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0627	LF	22" x 46", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0628	LF	22" x 48", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0629	LF	24" x 24", 20 Gauge Galvanized Steel Duct	86.26	36.17
		For Flat Oval, Add	*3.90*	
		For Work In Restricted Working Space, Add	*18.09*	
23 31 13 13-0630	LF	24" x 26", 20 Gauge Galvanized Steel Duct	89.84	37.68
		For Flat Oval, Add	*4.06*	
		For Work In Restricted Working Space, Add	*18.84*	
23 31 13 13-0631	LF	24" x 28", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0632	LF	24" x 30", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0633	LF	24" x 32", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0634	LF	24" x 34", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0635	LF	24" x 36", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0636	LF	24" x 38", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0637	LF	24" x 40", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0638	LF	24" x 42", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0639	LF	24" x 44", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0640	LF	24" x 46", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0641	LF	24" x 48", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0642	LF	26" x 26", 20 Gauge Galvanized Steel Duct	93.45	39.19
		For Flat Oval, Add	*4.22*	
		For Work In Restricted Working Space, Add	*19.60*	
23 31 13 13-0643	LF	26" x 28", 20 Gauge Galvanized Steel Duct	97.05	40.69
		For Flat Oval, Add	*4.38*	
		For Work In Restricted Working Space, Add	*20.35*	
23 31 13 13-0644	LF	26" x 30", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0645	LF	26" x 32", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0646	LF	26" x 34", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0647	LF	26" x 36", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0648	LF	26" x 38", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0649	LF	26" x 40", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0650	LF	26" x 42", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0651	LF	26" x 44", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0652	LF	26" x 46", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0653	LF	26" x 48", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0654	LF	28" x 28", 20 Gauge Galvanized Steel Duct	100.62	42.20
		For Flat Oval, Add	*4.54*	
		For Work In Restricted Working Space, Add	*21.10*	
23 31 13 13-0655	LF	28" x 30", 20 Gauge Galvanized Steel Duct	104.23	43.71
		For Flat Oval, Add	*4.71*	
		For Work In Restricted Working Space, Add	*21.86*	
23 31 13 13-0656	LF	28" x 32", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0657	LF	28" x 34", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0658	LF	28" x 36", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0659	LF	28" x 38", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0660	LF	28" x 40", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0661	LF	28" x 42", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0662	LF	28" x 44", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0663	LF	28" x 46", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0664	LF	28" x 48", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0665	LF	30" x 30", 20 Gauge Galvanized Steel Duct	107.83	45.21
		For Flat Oval, Add	*4.87*	
		For Work In Restricted Working Space, Add	*22.61*	
23 31 13 13-0666	LF	30" x 32", 20 Gauge Galvanized Steel Duct	111.42	46.73
		For Flat Oval, Add	*5.03*	
		For Work In Restricted Working Space, Add	*23.36*	
23 31 13 13-0667	LF	30" x 34", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0668	LF	30" x 36", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0669	LF	30" x 38", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0670	LF	30" x 40", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0671	LF	30" x 42", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0672	LF	30" x 44", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0673	LF	30" x 46", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0674	LF	30" x 48", 20 Gauge Galvanized Steel Duct	140.17	58.78
		For Flat Oval, Add	*6.33*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-0675	LF	32" x 32", 20 Gauge Galvanized Steel Duct	115.02	48.24
		For Flat Oval, Add	*5.19*	
		For Work In Restricted Working Space, Add	*24.12*	
23 31 13 13-0676	LF	32" x 34", 20 Gauge Galvanized Steel Duct	118.59	49.74
		For Flat Oval, Add	*5.36*	
		For Work In Restricted Working Space, Add	*24.87*	
23 31 13 13-0677	LF	32" x 36", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0678	LF	32" x 38", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0679	LF	32" x 40", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0680	LF	32" x 42", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0681	LF	32" x 44", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0682	LF	32" x 46", 20 Gauge Galvanized Steel Duct	140.17	58.78
		For Flat Oval, Add	*6.33*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-0683	LF	32" x 48", 20 Gauge Galvanized Steel Duct	143.77	60.29
		For Flat Oval, Add	*6.49*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0684	LF	34" x 34", 20 Gauge Galvanized Steel Duct	122.20	51.25
		For Flat Oval, Add	*5.52*	
		For Work In Restricted Working Space, Add	*25.62*	
23 31 13 13-0685	LF	34" x 36", 20 Gauge Galvanized Steel Duct	125.80	52.76
		For Flat Oval, Add	*5.68*	
		For Work In Restricted Working Space, Add	*26.38*	
23 31 13 13-0686	LF	34" x 38", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0687	LF	34" x 40", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0688	LF	34" x 42", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0689	LF	34" x 44", 20 Gauge Galvanized Steel Duct	140.17	58.78
		For Flat Oval, Add	*6.33*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-0690	LF	34" x 46", 20 Gauge Galvanized Steel Duct	143.77	60.29
		For Flat Oval, Add	*6.49*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0691	LF	34" x 48", 20 Gauge Galvanized Steel Duct	147.36	61.79
		For Flat Oval, Add	*6.65*	
		For Work In Restricted Working Space, Add	*30.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0692	LF	36" x 36", 20 Gauge Galvanized Steel Duct	129.39	54.26
		For Flat Oval, Add	*5.84*	
		For Work In Restricted Working Space, Add	*27.13*	
23 31 13 13-0693	LF	36" x 38", 20 Gauge Galvanized Steel Duct	132.99	55.77
		For Flat Oval, Add	*6.01*	
		For Work In Restricted Working Space, Add	*27.89*	
23 31 13 13-0694	LF	36" x 40", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0695	LF	36" x 42", 20 Gauge Galvanized Steel Duct	140.17	58.78
		For Flat Oval, Add	*6.33*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-0696	LF	36" x 44", 20 Gauge Galvanized Steel Duct	143.77	60.29
		For Flat Oval, Add	*6.49*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0697	LF	36" x 46", 20 Gauge Galvanized Steel Duct	147.36	61.79
		For Flat Oval, Add	*6.65*	
		For Work In Restricted Working Space, Add	*30.90*	
23 31 13 13-0698	LF	36" x 48", 20 Gauge Galvanized Steel Duct	150.96	63.30
		For Flat Oval, Add	*6.82*	
		For Work In Restricted Working Space, Add	*31.65*	
23 31 13 13-0699	LF	38" x 38", 20 Gauge Galvanized Steel Duct	136.56	57.27
		For Flat Oval, Add	*6.17*	
		For Work In Restricted Working Space, Add	*28.64*	
23 31 13 13-0700	LF	38" x 40", 20 Gauge Galvanized Steel Duct	140.17	58.78
		For Flat Oval, Add	*6.33*	
		For Work In Restricted Working Space, Add	*29.39*	
23 31 13 13-0701	LF	38" x 42", 20 Gauge Galvanized Steel Duct	143.77	60.29
		For Flat Oval, Add	*6.49*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0702	LF	38" x 44", 20 Gauge Galvanized Steel Duct	147.36	61.79
		For Flat Oval, Add	*6.65*	
		For Work In Restricted Working Space, Add	*30.90*	
23 31 13 13-0703	LF	38" x 46", 20 Gauge Galvanized Steel Duct	150.96	63.30
		For Flat Oval, Add	*6.82*	
		For Work In Restricted Working Space, Add	*31.65*	
23 31 13 13-0704	LF	38" x 48", 20 Gauge Galvanized Steel Duct	154.55	64.81
		For Flat Oval, Add	*6.98*	
		For Work In Restricted Working Space, Add	*32.40*	
23 31 13 13-0705	LF	38" x 50", 20 Gauge Galvanized Steel Duct	158.13	66.32
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*33.16*	
23 31 13 13-0706	LF	40" x 40", 20 Gauge Galvanized Steel Duct	143.77	60.29
		For Flat Oval, Add	*6.49*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0707	LF	40" x 42", 20 Gauge Galvanized Steel Duct	147.36	61.79
		For Flat Oval, Add	*6.65*	
		For Work In Restricted Working Space, Add	*30.90*	
23 31 13 13-0708	LF	40" x 44", 20 Gauge Galvanized Steel Duct	150.96	63.30
		For Flat Oval, Add	*6.82*	
		For Work In Restricted Working Space, Add	*31.65*	
23 31 13 13-0709	LF	40" x 46", 20 Gauge Galvanized Steel Duct	154.55	64.81
		For Flat Oval, Add	*6.98*	
		For Work In Restricted Working Space, Add	*32.40*	
23 31 13 13-0710	LF	40" x 48", 20 Gauge Galvanized Steel Duct	158.13	66.32
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*33.16*	
23 31 13 13-0711	LF	40" x 50", 20 Gauge Galvanized Steel Duct	161.73	67.83
		For Flat Oval, Add	*7.30*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 13-0712	LF	40" x 52", 20 Gauge Galvanized Steel Duct	165.32	69.34
		For Flat Oval, Add	*7.46*	
		For Work In Restricted Working Space, Add	*34.67*	
23 31 13 13-0713	LF	40" x 54", 20 Gauge Galvanized Steel Duct	168.92	70.84
		For Flat Oval, Add	*7.63*	
		For Work In Restricted Working Space, Add	*35.42*	
23 31 13 13-0714	LF	40" x 56", 20 Gauge Galvanized Steel Duct	172.51	72.35
		For Flat Oval, Add	*7.79*	
		For Work In Restricted Working Space, Add	*36.17*	
23 31 13 13-0715	LF	42" x 42", 20 Gauge Galvanized Steel Duct	150.96	63.30
		For Flat Oval, Add	*6.82*	
		For Work In Restricted Working Space, Add	*31.65*	
23 31 13 13-0716	LF	42" x 44", 20 Gauge Galvanized Steel Duct	154.55	64.81
		For Flat Oval, Add	*6.98*	
		For Work In Restricted Working Space, Add	*32.40*	
23 31 13 13-0717	LF	42" x 46", 20 Gauge Galvanized Steel Duct	158.13	66.32
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*33.16*	
23 31 13 13-0718	LF	42" x 48", 20 Gauge Galvanized Steel Duct	161.73	67.83
		For Flat Oval, Add	*7.30*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 13-0719	LF	42" x 50", 20 Gauge Galvanized Steel Duct	165.32	69.34
		For Flat Oval, Add	*7.46*	
		For Work In Restricted Working Space, Add	*34.67*	
23 31 13 13-0720	LF	42" x 52", 20 Gauge Galvanized Steel Duct	168.92	70.84
		For Flat Oval, Add	*7.63*	
		For Work In Restricted Working Space, Add	*35.42*	
23 31 13 13-0721	LF	42" x 54", 20 Gauge Galvanized Steel Duct	172.51	72.35
		For Flat Oval, Add	*7.79*	
		For Work In Restricted Working Space, Add	*36.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0722	LF	42" x 56", 20 Gauge Galvanized Steel Duct	176.10	73.86
		For Flat Oval, Add	*7.95*	
		For Work In Restricted Working Space, Add	*36.93*	
23 31 13 13-0723	LF	44" x 44", 20 Gauge Galvanized Steel Duct	158.13	66.32
		For Flat Oval, Add	*7.14*	
		For Work In Restricted Working Space, Add	*33.16*	
23 31 13 13-0724	LF	44" x 46", 20 Gauge Galvanized Steel Duct	161.73	67.83
		For Flat Oval, Add	*7.30*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 13-0725	LF	44" x 48", 20 Gauge Galvanized Steel Duct	165.32	69.34
		For Flat Oval, Add	*7.46*	
		For Work In Restricted Working Space, Add	*34.67*	
23 31 13 13-0726	LF	44" x 50", 20 Gauge Galvanized Steel Duct	168.92	70.84
		For Flat Oval, Add	*7.63*	
		For Work In Restricted Working Space, Add	*35.42*	
23 31 13 13-0727	LF	44" x 52", 20 Gauge Galvanized Steel Duct	172.51	72.35
		For Flat Oval, Add	*7.79*	
		For Work In Restricted Working Space, Add	*36.17*	
23 31 13 13-0728	LF	44" x 54", 20 Gauge Galvanized Steel Duct	176.10	73.86
		For Flat Oval, Add	*7.95*	
		For Work In Restricted Working Space, Add	*36.93*	
23 31 13 13-0729	LF	44" x 56", 20 Gauge Galvanized Steel Duct	179.70	75.36
		For Flat Oval, Add	*8.12*	
		For Work In Restricted Working Space, Add	*37.68*	
23 31 13 13-0730	LF	46" x 46", 20 Gauge Galvanized Steel Duct	165.32	69.34
		For Flat Oval, Add	*7.46*	
		For Work In Restricted Working Space, Add	*34.67*	
23 31 13 13-0731	LF	46" x 48", 20 Gauge Galvanized Steel Duct	168.92	70.84
		For Flat Oval, Add	*7.63*	
		For Work In Restricted Working Space, Add	*35.42*	
23 31 13 13-0732	LF	46" x 50", 20 Gauge Galvanized Steel Duct	172.51	72.35
		For Flat Oval, Add	*7.79*	
		For Work In Restricted Working Space, Add	*36.17*	
23 31 13 13-0733	LF	46" x 52", 20 Gauge Galvanized Steel Duct	176.10	73.86
		For Flat Oval, Add	*7.95*	
		For Work In Restricted Working Space, Add	*36.93*	
23 31 13 13-0734	LF	46" x 54", 20 Gauge Galvanized Steel Duct	179.70	75.36
		For Flat Oval, Add	*8.12*	
		For Work In Restricted Working Space, Add	*37.68*	
23 31 13 13-0735	LF	46" x 56", 20 Gauge Galvanized Steel Duct	183.31	76.87
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*38.44*	
23 31 13 13-0736	LF	46" x 58", 20 Gauge Galvanized Steel Duct	186.89	78.37
		For Flat Oval, Add	*8.44*	
		For Work In Restricted Working Space, Add	*39.19*	
23 31 13 13-0737	LF	48" x 48", 20 Gauge Galvanized Steel Duct	172.51	72.35
		For Flat Oval, Add	*7.79*	
		For Work In Restricted Working Space, Add	*36.17*	
23 31 13 13-0738	LF	48" x 50", 20 Gauge Galvanized Steel Duct	176.10	73.86
		For Flat Oval, Add	*7.95*	
		For Work In Restricted Working Space, Add	*36.93*	
23 31 13 13-0739	LF	48" x 52", 20 Gauge Galvanized Steel Duct	179.70	75.36
		For Flat Oval, Add	*8.12*	
		For Work In Restricted Working Space, Add	*37.68*	
23 31 13 13-0740	LF	48" x 54", 20 Gauge Galvanized Steel Duct	183.31	76.87
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*38.44*	
23 31 13 13-0741	LF	48" x 56", 20 Gauge Galvanized Steel Duct	186.89	78.37
		For Flat Oval, Add	*8.44*	
		For Work In Restricted Working Space, Add	*39.19*	
23 31 13 13-0742	LF	48" x 58", 20 Gauge Galvanized Steel Duct	190.48	79.88
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*39.94*	
23 31 13 13-0743	LF	48" x 60", 20 Gauge Galvanized Steel Duct	194.07	81.39
		For Flat Oval, Add	*8.76*	
		For Work In Restricted Working Space, Add	*40.70*	
23 31 13 13-0744	LF	50" x 50", 20 Gauge Galvanized Steel Duct	179.70	75.36
		For Flat Oval, Add	*8.12*	
		For Work In Restricted Working Space, Add	*37.68*	
23 31 13 13-0745	LF	50" x 52", 20 Gauge Galvanized Steel Duct	183.31	76.87
		For Flat Oval, Add	*8.28*	
		For Work In Restricted Working Space, Add	*38.44*	
23 31 13 13-0746	LF	50" x 54", 20 Gauge Galvanized Steel Duct	186.89	78.37
		For Flat Oval, Add	*8.44*	
		For Work In Restricted Working Space, Add	*39.19*	
23 31 13 13-0747	LF	50" x 56", 20 Gauge Galvanized Steel Duct	190.48	79.88
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*39.94*	
23 31 13 13-0748	LF	50" x 58", 20 Gauge Galvanized Steel Duct	194.07	81.39
		For Flat Oval, Add	*8.76*	
		For Work In Restricted Working Space, Add	*40.70*	
23 31 13 13-0749	LF	50" x 60", 20 Gauge Galvanized Steel Duct	197.67	82.89
		For Flat Oval, Add	*8.93*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-0750	LF	52" x 52", 20 Gauge Galvanized Steel Duct	186.89	78.37
		For Flat Oval, Add	*8.44*	
		For Work In Restricted Working Space, Add	*39.19*	
23 31 13 13-0751	LF	52" x 54", 20 Gauge Galvanized Steel Duct	190.48	79.88
		For Flat Oval, Add	*8.60*	
		For Work In Restricted Working Space, Add	*39.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0752	LF	52" x 56", 20 Gauge Galvanized Steel Duct	194.07	81.39
		For Flat Oval, Add	*8.76*	
		For Work In Restricted Working Space, Add	*40.70*	
23 31 13 13-0753	LF	52" x 58", 20 Gauge Galvanized Steel Duct	197.67	82.89
		For Flat Oval, Add	*8.93*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-0754	LF	52" x 60", 20 Gauge Galvanized Steel Duct	201.28	84.41
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.20*	
23 31 13 13-0755	LF	54" x 54", 20 Gauge Galvanized Steel Duct	194.07	81.39
		For Flat Oval, Add	*8.76*	
		For Work In Restricted Working Space, Add	*40.70*	
23 31 13 13-0756	LF	54" x 56", 20 Gauge Galvanized Steel Duct	197.67	82.89
		For Flat Oval, Add	*8.93*	
		For Work In Restricted Working Space, Add	*41.45*	
23 31 13 13-0757	LF	54" x 58", 20 Gauge Galvanized Steel Duct	201.28	84.41
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.20*	
23 31 13 13-0758	LF	54" x 60", 20 Gauge Galvanized Steel Duct	204.86	85.92
		For Flat Oval, Add	*9.25*	
		For Work In Restricted Working Space, Add	*42.96*	
23 31 13 13-0759	LF	54" x 62", 20 Gauge Galvanized Steel Duct	208.46	87.42
		For Flat Oval, Add	*9.41*	
		For Work In Restricted Working Space, Add	*43.71*	
23 31 13 13-0760	LF	54" x 64", 20 Gauge Galvanized Steel Duct	212.04	88.93
		For Flat Oval, Add	*9.57*	
		For Work In Restricted Working Space, Add	*44.46*	
23 31 13 13-0761	LF	56" x 56", 20 Gauge Galvanized Steel Duct	201.28	84.41
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.20*	
23 31 13 13-0762	LF	56" x 58", 20 Gauge Galvanized Steel Duct	204.86	85.92
		For Flat Oval, Add	*9.25*	
		For Work In Restricted Working Space, Add	*42.96*	
23 31 13 13-0763	LF	56" x 60", 20 Gauge Galvanized Steel Duct	208.46	87.42
		For Flat Oval, Add	*9.41*	
		For Work In Restricted Working Space, Add	*43.71*	
23 31 13 13-0764	LF	56" x 62", 20 Gauge Galvanized Steel Duct	212.04	88.93
		For Flat Oval, Add	*9.57*	
		For Work In Restricted Working Space, Add	*44.46*	
23 31 13 13-0765	LF	56" x 64", 20 Gauge Galvanized Steel Duct	215.64	90.44
		For Flat Oval, Add	*9.74*	
		For Work In Restricted Working Space, Add	*45.22*	
23 31 13 13-0766	LF	58" x 58", 20 Gauge Galvanized Steel Duct	208.46	87.42
		For Flat Oval, Add	*9.41*	
		For Work In Restricted Working Space, Add	*43.71*	
23 31 13 13-0767	LF	58" x 60", 20 Gauge Galvanized Steel Duct	212.04	88.93
		For Flat Oval, Add	*9.57*	
		For Work In Restricted Working Space, Add	*44.46*	
23 31 13 13-0768	LF	58" x 62", 20 Gauge Galvanized Steel Duct	215.64	90.44
		For Flat Oval, Add	*9.74*	
		For Work In Restricted Working Space, Add	*45.22*	
23 31 13 13-0769	LF	58" x 64", 20 Gauge Galvanized Steel Duct	219.25	91.94
		For Flat Oval, Add	*9.90*	
		For Work In Restricted Working Space, Add	*45.97*	
23 31 13 13-0770	LF	58" x 66", 20 Gauge Galvanized Steel Duct	222.83	93.45
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*46.73*	
23 31 13 13-0771	LF	60" x 60", 20 Gauge Galvanized Steel Duct	215.64	90.44
		For Flat Oval, Add	*9.74*	
		For Work In Restricted Working Space, Add	*45.22*	
23 31 13 13-0772	LF	60" x 62", 20 Gauge Galvanized Steel Duct	219.25	91.94
		For Flat Oval, Add	*9.90*	
		For Work In Restricted Working Space, Add	*45.97*	
23 31 13 13-0773	LF	60" x 64", 20 Gauge Galvanized Steel Duct	222.83	93.45
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*46.73*	
23 31 13 13-0774	LF	60" x 66", 20 Gauge Galvanized Steel Duct	226.43	94.96
		For Flat Oval, Add	*10.23*	
		For Work In Restricted Working Space, Add	*47.48*	
23 31 13 13-0775	LF	60" x 68", 20 Gauge Galvanized Steel Duct	230.03	96.46
		For Flat Oval, Add	*10.39*	
		For Work In Restricted Working Space, Add	*48.23*	
23 31 13 13-0776	LF	62" x 62", 20 Gauge Galvanized Steel Duct	222.83	93.45
		For Flat Oval, Add	*10.06*	
		For Work In Restricted Working Space, Add	*46.73*	
23 31 13 13-0777	LF	62" x 64", 20 Gauge Galvanized Steel Duct	226.43	94.96
		For Flat Oval, Add	*10.23*	
		For Work In Restricted Working Space, Add	*47.48*	
23 31 13 13-0778	LF	62" x 66", 20 Gauge Galvanized Steel Duct	230.03	96.46
		For Flat Oval, Add	*10.39*	
		For Work In Restricted Working Space, Add	*48.23*	
23 31 13 13-0779	LF	62" x 68", 20 Gauge Galvanized Steel Duct	233.61	97.97
		For Flat Oval, Add	*10.55*	
		For Work In Restricted Working Space, Add	*48.98*	
23 31 13 13-0780	LF	62" x 70", 20 Gauge Galvanized Steel Duct	237.22	99.47
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*49.74*	
23 31 13 13-0781	LF	64" x 64", 20 Gauge Galvanized Steel Duct	230.03	96.46
		For Flat Oval, Add	*10.39*	
		For Work In Restricted Working Space, Add	*48.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0782	LF	64" x 66", 20 Gauge Galvanized Steel Duct	233.61	97.97
		For Flat Oval, Add	*10.55*	
		For Work In Restricted Working Space, Add	*48.98*	
23 31 13 13-0783	LF	64" x 68", 20 Gauge Galvanized Steel Duct	237.22	99.47
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*49.74*	
23 31 13 13-0784	LF	64" x 70", 20 Gauge Galvanized Steel Duct	240.80	100.98
		For Flat Oval, Add	*10.87*	
		For Work In Restricted Working Space, Add	*50.49*	
23 31 13 13-0785	LF	66" x 66", 20 Gauge Galvanized Steel Duct	237.22	99.47
		For Flat Oval, Add	*10.71*	
		For Work In Restricted Working Space, Add	*49.74*	
23 31 13 13-0786	LF	66" x 68", 20 Gauge Galvanized Steel Duct	240.80	100.98
		For Flat Oval, Add	*10.87*	
		For Work In Restricted Working Space, Add	*50.49*	
23 31 13 13-0787	LF	66" x 70", 20 Gauge Galvanized Steel Duct	244.40	102.50
		For Flat Oval, Add	*11.04*	
		For Work In Restricted Working Space, Add	*51.25*	
23 31 13 13-0788	LF	66" x 72", 20 Gauge Galvanized Steel Duct	248.00	104.00
		For Flat Oval, Add	*11.20*	
		For Work In Restricted Working Space, Add	*52.00*	
23 31 13 13-0789	LF	68" x 68", 20 Gauge Galvanized Steel Duct	244.40	102.50
		For Flat Oval, Add	*11.04*	
		For Work In Restricted Working Space, Add	*51.25*	
23 31 13 13-0790	LF	68" x 70", 20 Gauge Galvanized Steel Duct	248.00	104.00
		For Flat Oval, Add	*11.20*	
		For Work In Restricted Working Space, Add	*52.00*	
23 31 13 13-0791	LF	68" x 72", 20 Gauge Galvanized Steel Duct	251.58	105.51
		For Flat Oval, Add	*11.36*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0792	LF	68" x 74", 20 Gauge Galvanized Steel Duct	255.19	107.02
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0793	LF	70" x 70", 20 Gauge Galvanized Steel Duct	251.58	105.51
		For Flat Oval, Add	*11.36*	
		For Work In Restricted Working Space, Add	*52.75*	
23 31 13 13-0794	LF	70" x 72", 20 Gauge Galvanized Steel Duct	255.19	107.02
		For Flat Oval, Add	*11.52*	
		For Work In Restricted Working Space, Add	*53.51*	
23 31 13 13-0795	LF	70" x 74", 20 Gauge Galvanized Steel Duct	258.79	108.52
		For Flat Oval, Add	*11.69*	
		For Work In Restricted Working Space, Add	*54.26*	
23 31 13 13-0796	LF	70" x 76", 20 Gauge Galvanized Steel Duct	262.37	110.03
		For Flat Oval, Add	*11.85*	
		For Work In Restricted Working Space, Add	*55.02*	
23 31 13 13-0797	LF	70" x 78", 20 Gauge Galvanized Steel Duct	265.96	111.54
		For Flat Oval, Add	*12.01*	
		For Work In Restricted Working Space, Add	*55.77*	
23 31 13 13-0798	LF	70" x 80", 20 Gauge Galvanized Steel Duct	269.54	113.04
		For Flat Oval, Add	*12.17*	
		For Work In Restricted Working Space, Add	*56.52*	
23 31 13 13-0799	LF	70" x 82", 20 Gauge Galvanized Steel Duct	273.15	114.55
		For Flat Oval, Add	*12.33*	
		For Work In Restricted Working Space, Add	*57.28*	
23 31 13 13-0800	LF	70" x 84", 20 Gauge Galvanized Steel Duct	276.75	116.06
		For Flat Oval, Add	*12.50*	
		For Work In Restricted Working Space, Add	*58.03*	
23 31 13 13-0801	LF	72" x 72", 20 Gauge Galvanized Steel Duct	258.79	108.52
		For Flat Oval, Add	*11.69*	
		For Work In Restricted Working Space, Add	*54.26*	
23 31 13 13-0802	LF	72" x 74", 20 Gauge Galvanized Steel Duct	262.37	110.03
		For Flat Oval, Add	*11.85*	
		For Work In Restricted Working Space, Add	*55.02*	
23 31 13 13-0803	LF	72" x 76", 20 Gauge Galvanized Steel Duct	265.96	111.54
		For Flat Oval, Add	*12.01*	
		For Work In Restricted Working Space, Add	*55.77*	
23 31 13 13-0804	LF	72" x 78", 20 Gauge Galvanized Steel Duct	269.54	113.04
		For Flat Oval, Add	*12.17*	
		For Work In Restricted Working Space, Add	*56.52*	
23 31 13 13-0805	LF	72" x 80", 20 Gauge Galvanized Steel Duct	273.15	114.55
		For Flat Oval, Add	*12.33*	
		For Work In Restricted Working Space, Add	*57.28*	
23 31 13 13-0806	LF	72" x 82", 20 Gauge Galvanized Steel Duct	276.75	116.06
		For Flat Oval, Add	*12.50*	
		For Work In Restricted Working Space, Add	*58.03*	
23 31 13 13-0807	LF	72" x 84", 20 Gauge Galvanized Steel Duct	280.34	117.56
		For Flat Oval, Add	*12.66*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-0808	LF	74" x 74", 20 Gauge Galvanized Steel Duct	265.96	111.54
		For Flat Oval, Add	*12.01*	
		For Work In Restricted Working Space, Add	*55.77*	
23 31 13 13-0809	LF	74" x 76", 20 Gauge Galvanized Steel Duct	269.54	113.04
		For Flat Oval, Add	*12.17*	
		For Work In Restricted Working Space, Add	*56.52*	
23 31 13 13-0810	LF	74" x 78", 20 Gauge Galvanized Steel Duct	273.15	114.55
		For Flat Oval, Add	*12.33*	
		For Work In Restricted Working Space, Add	*57.28*	
23 31 13 13-0811	LF	74" x 80", 20 Gauge Galvanized Steel Duct	276.75	116.06
		For Flat Oval, Add	*12.50*	
		For Work In Restricted Working Space, Add	*58.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0812	LF	74" x 82", 20 Gauge Galvanized Steel Duct	280.34	117.56
		For Flat Oval, Add	*12.66*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-0813	LF	74" x 84", 20 Gauge Galvanized Steel Duct	283.93	119.07
		For Flat Oval, Add	*12.82*	
		For Work In Restricted Working Space, Add	*59.54*	
23 31 13 13-0814	LF	76" x 76", 20 Gauge Galvanized Steel Duct	273.15	114.55
		For Flat Oval, Add	*12.33*	
		For Work In Restricted Working Space, Add	*57.28*	
23 31 13 13-0815	LF	76" x 78", 20 Gauge Galvanized Steel Duct	276.75	116.06
		For Flat Oval, Add	*12.50*	
		For Work In Restricted Working Space, Add	*58.03*	
23 31 13 13-0816	LF	76" x 80", 20 Gauge Galvanized Steel Duct	280.34	117.56
		For Flat Oval, Add	*12.66*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-0817	LF	76" x 82", 20 Gauge Galvanized Steel Duct	283.93	119.07
		For Flat Oval, Add	*12.82*	
		For Work In Restricted Working Space, Add	*59.54*	
23 31 13 13-0818	LF	76" x 84", 20 Gauge Galvanized Steel Duct	287.51	120.57
		For Flat Oval, Add	*12.98*	
		For Work In Restricted Working Space, Add	*60.29*	
23 31 13 13-0819	LF	78" x 78", 20 Gauge Galvanized Steel Duct	280.34	117.56
		For Flat Oval, Add	*12.66*	
		For Work In Restricted Working Space, Add	*58.79*	
23 31 13 13-0820	LF	78" x 80", 20 Gauge Galvanized Steel Duct	283.93	119.07
		For Flat Oval, Add	*12.82*	
		For Work In Restricted Working Space, Add	*59.54*	
23 31 13 13-0821	LF	78" x 82", 20 Gauge Galvanized Steel Duct	287.51	120.57
		For Flat Oval, Add	*12.98*	
		For Work In Restricted Working Space, Add	*60.29*	
23 31 13 13-0822	LF	78" x 84", 20 Gauge Galvanized Steel Duct	291.12	122.09
		For Flat Oval, Add	*13.15*	
		For Work In Restricted Working Space, Add	*61.04*	
23 31 13 13-0823	LF	80" x 80", 20 Gauge Galvanized Steel Duct	287.51	120.57
		For Flat Oval, Add	*12.98*	
		For Work In Restricted Working Space, Add	*60.29*	
23 31 13 13-0824	LF	80" x 82", 20 Gauge Galvanized Steel Duct	291.12	122.09
		For Flat Oval, Add	*13.15*	
		For Work In Restricted Working Space, Add	*61.04*	
23 31 13 13-0825	LF	80" x 84", 20 Gauge Galvanized Steel Duct	294.72	123.60
		For Flat Oval, Add	*13.31*	
		For Work In Restricted Working Space, Add	*61.80*	
23 31 13 13-0826	LF	82" x 82", 20 Gauge Galvanized Steel Duct	294.72	123.60
		For Flat Oval, Add	*13.31*	
		For Work In Restricted Working Space, Add	*61.80*	
23 31 13 13-0827	LF	82" x 84", 20 Gauge Galvanized Steel Duct	298.31	125.10
		For Flat Oval, Add	*13.47*	
		For Work In Restricted Working Space, Add	*62.55*	
23 31 13 13-0828	LF	84" x 84", 20 Gauge Galvanized Steel Duct	301.90	126.61
		For Flat Oval, Add	*13.63*	
		For Work In Restricted Working Space, Add	*63.30*	

23 31 13 13-0829 18 Gauge Galvanized Steel Duct *(23 31 13 13-0011)*

23 31 13 13-0830	LF	4" x 4", 18 Gauge Galvanized Steel Duct	18.72	7.85
		For Flat Oval, Add	*0.85*	
		For Work In Restricted Working Space, Add	*3.92*	
23 31 13 13-0831	LF	4" x 6", 18 Gauge Galvanized Steel Duct	23.40	9.81
		For Flat Oval, Add	*1.06*	
		For Work In Restricted Working Space, Add	*4.91*	
23 31 13 13-0832	LF	4" x 8", 18 Gauge Galvanized Steel Duct	28.07	11.77
		For Flat Oval, Add	*1.27*	
		For Work In Restricted Working Space, Add	*5.89*	
23 31 13 13-0833	LF	4" x 10", 18 Gauge Galvanized Steel Duct	32.74	13.74
		For Flat Oval, Add	*1.48*	
		For Work In Restricted Working Space, Add	*6.87*	
23 31 13 13-0834	LF	4" x 12", 18 Gauge Galvanized Steel Duct	37.45	15.70
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.85*	
23 31 13 13-0835	LF	4" x 14", 18 Gauge Galvanized Steel Duct	42.11	17.66
		For Flat Oval, Add	*1.90*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0836	LF	4" x 16", 18 Gauge Galvanized Steel Duct	46.79	19.62
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0837	LF	6" x 6", 18 Gauge Galvanized Steel Duct	28.07	11.77
		For Flat Oval, Add	*1.27*	
		For Work In Restricted Working Space, Add	*5.89*	
23 31 13 13-0838	LF	6" x 8", 18 Gauge Galvanized Steel Duct	32.74	13.74
		For Flat Oval, Add	*1.48*	
		For Work In Restricted Working Space, Add	*6.87*	
23 31 13 13-0839	LF	6" x 10", 18 Gauge Galvanized Steel Duct	37.45	15.70
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.85*	
23 31 13 13-0840	LF	6" x 12", 18 Gauge Galvanized Steel Duct	42.11	17.66
		For Flat Oval, Add	*1.90*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0841	LF	6" x 14", 18 Gauge Galvanized Steel Duct	46.79	19.62
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0842	LF	6" x 16", 18 Gauge Galvanized Steel Duct	51.47	21.58
		For Flat Oval, Add	*2.32*	
		For Work In Restricted Working Space, Add	*10.79*	
23 31 13 13-0843	LF	8" x 8", 18 Gauge Galvanized Steel Duct	37.45	15.70
		For Flat Oval, Add	*1.69*	
		For Work In Restricted Working Space, Add	*7.85*	
23 31 13 13-0844	LF	8" x 10", 18 Gauge Galvanized Steel Duct	42.11	17.66
		For Flat Oval, Add	*1.90*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0845	LF	8" x 12", 18 Gauge Galvanized Steel Duct	46.79	19.62
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0846	LF	8" x 14", 18 Gauge Galvanized Steel Duct	51.47	21.58
		For Flat Oval, Add	*2.32*	
		For Work In Restricted Working Space, Add	*10.79*	
23 31 13 13-0847	LF	8" x 16", 18 Gauge Galvanized Steel Duct	56.14	23.55
		For Flat Oval, Add	*2.54*	
		For Work In Restricted Working Space, Add	*11.77*	
23 31 13 13-0848	LF	8" x 18", 18 Gauge Galvanized Steel Duct	60.83	25.51
		For Flat Oval, Add	*2.75*	
		For Work In Restricted Working Space, Add	*12.75*	
23 31 13 13-0849	LF	8" x 20", 18 Gauge Galvanized Steel Duct	65.52	27.48
		For Flat Oval, Add	*2.96*	
		For Work In Restricted Working Space, Add	*13.74*	
23 31 13 13-0850	LF	8" x 22", 18 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0851	LF	8" x 24", 18 Gauge Galvanized Steel Duct	74.86	31.40
		For Flat Oval, Add	*3.38*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0852	LF	10" x 10", 18 Gauge Galvanized Steel Duct	46.79	19.62
		For Flat Oval, Add	*2.11*	
		For Work In Restricted Working Space, Add	*9.81*	
23 31 13 13-0853	LF	10" x 12", 18 Gauge Galvanized Steel Duct	51.47	21.58
		For Flat Oval, Add	*2.32*	
		For Work In Restricted Working Space, Add	*10.79*	
23 31 13 13-0854	LF	10" x 14", 18 Gauge Galvanized Steel Duct	56.14	23.55
		For Flat Oval, Add	*2.54*	
		For Work In Restricted Working Space, Add	*11.77*	
23 31 13 13-0855	LF	10" x 16", 18 Gauge Galvanized Steel Duct	60.83	25.51
		For Flat Oval, Add	*2.75*	
		For Work In Restricted Working Space, Add	*12.75*	
23 31 13 13-0856	LF	10" x 18", 18 Gauge Galvanized Steel Duct	65.52	27.48
		For Flat Oval, Add	*2.96*	
		For Work In Restricted Working Space, Add	*13.74*	
23 31 13 13-0857	LF	10" x 20", 18 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0858	LF	10" x 22", 18 Gauge Galvanized Steel Duct	74.86	31.40
		For Flat Oval, Add	*3.38*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0859	LF	10" x 24", 18 Gauge Galvanized Steel Duct	79.54	33.36
		For Flat Oval, Add	*3.59*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0860	LF	10" x 26", 18 Gauge Galvanized Steel Duct	84.23	35.32
		For Flat Oval, Add	*3.80*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0861	LF	10" x 28", 18 Gauge Galvanized Steel Duct	88.91	37.29
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*18.64*	
23 31 13 13-0862	LF	10" x 30", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0863	LF	10" x 32", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0864	LF	12" x 12", 18 Gauge Galvanized Steel Duct	56.14	23.55
		For Flat Oval, Add	*2.54*	
		For Work In Restricted Working Space, Add	*11.77*	
23 31 13 13-0865	LF	12" x 14", 18 Gauge Galvanized Steel Duct	60.83	25.51
		For Flat Oval, Add	*2.75*	
		For Work In Restricted Working Space, Add	*12.75*	
23 31 13 13-0866	LF	12" x 16", 18 Gauge Galvanized Steel Duct	65.52	27.48
		For Flat Oval, Add	*2.96*	
		For Work In Restricted Working Space, Add	*13.74*	
23 31 13 13-0867	LF	12" x 18", 18 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0868	LF	12" x 20", 18 Gauge Galvanized Steel Duct	74.86	31.40
		For Flat Oval, Add	*3.38*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0869	LF	12" x 22", 18 Gauge Galvanized Steel Duct	79.54	33.36
		For Flat Oval, Add	*3.59*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0870	LF	12" x 24", 18 Gauge Galvanized Steel Duct	84.23	35.32
		For Flat Oval, Add	*3.80*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0871	LF	12" x 26", 18 Gauge Galvanized Steel Duct	88.91	37.29
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*18.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0872	LF	12" x 28", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0873	LF	12" x 30", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0874	LF	12" x 32", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0875	LF	12" x 34", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0876	LF	12" x 36", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0877	LF	14" x 14", 18 Gauge Galvanized Steel Duct	65.52	27.48
		For Flat Oval, Add	*2.96*	
		For Work In Restricted Working Space, Add	*13.74*	
23 31 13 13-0878	LF	14" x 16", 18 Gauge Galvanized Steel Duct	70.19	29.43
		For Flat Oval, Add	*3.17*	
		For Work In Restricted Working Space, Add	*14.72*	
23 31 13 13-0879	LF	14" x 18", 18 Gauge Galvanized Steel Duct	74.86	31.40
		For Flat Oval, Add	*3.38*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0880	LF	14" x 20", 18 Gauge Galvanized Steel Duct	79.54	33.36
		For Flat Oval, Add	*3.59*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0881	LF	14" x 22", 18 Gauge Galvanized Steel Duct	84.23	35.32
		For Flat Oval, Add	*3.80*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0882	LF	14" x 24", 18 Gauge Galvanized Steel Duct	88.91	37.29
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*18.64*	
23 31 13 13-0883	LF	14" x 26", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0884	LF	14" x 28", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0885	LF	14" x 30", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0886	LF	14" x 32", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0887	LF	14" x 34", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0888	LF	14" x 36", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0889	LF	16" x 16", 18 Gauge Galvanized Steel Duct	74.86	31.40
		For Flat Oval, Add	*3.38*	
		For Work In Restricted Working Space, Add	*15.70*	
23 31 13 13-0890	LF	16" x 18", 18 Gauge Galvanized Steel Duct	79.54	33.36
		For Flat Oval, Add	*3.59*	
		For Work In Restricted Working Space, Add	*16.68*	
23 31 13 13-0891	LF	16" x 20", 18 Gauge Galvanized Steel Duct	84.23	35.32
		For Flat Oval, Add	*3.80*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0892	LF	16" x 22", 18 Gauge Galvanized Steel Duct	88.91	37.29
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*18.64*	
23 31 13 13-0893	LF	16" x 24", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0894	LF	16" x 26", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0895	LF	16" x 28", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0896	LF	16" x 30", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0897	LF	16" x 32", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0898	LF	16" x 34", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0899	LF	16" x 36", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	
23 31 13 13-0900	LF	16" x 38", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0901	LF	16" x 40", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0902	LF	16" x 42", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0903	LF	16" x 44", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0904	LF	18" x 18", 18 Gauge Galvanized Steel Duct	84.23	35.32
		For Flat Oval, Add	*3.80*	
		For Work In Restricted Working Space, Add	*17.66*	
23 31 13 13-0905	LF	18" x 20", 18 Gauge Galvanized Steel Duct	88.91	37.29
		For Flat Oval, Add	*4.02*	
		For Work In Restricted Working Space, Add	*18.64*	
23 31 13 13-0906	LF	18" x 22", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0907	LF	18" x 24", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0908	LF	18" x 26", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0909	LF	18" x 28", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0910	LF	18" x 30", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0911	LF	18" x 32", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0912	LF	18" x 34", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	
23 31 13 13-0913	LF	18" x 36", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0914	LF	18" x 38", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0915	LF	18" x 40", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0916	LF	18" x 42", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0917	LF	18" x 44", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0918	LF	18" x 46", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0919	LF	20" x 20", 18 Gauge Galvanized Steel Duct	93.58	39.24
		For Flat Oval, Add	*4.23*	
		For Work In Restricted Working Space, Add	*19.62*	
23 31 13 13-0920	LF	20" x 22", 18 Gauge Galvanized Steel Duct	98.26	41.21
		For Flat Oval, Add	*4.44*	
		For Work In Restricted Working Space, Add	*20.60*	
23 31 13 13-0921	LF	20" x 24", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0922	LF	20" x 26", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0923	LF	20" x 28", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0924	LF	20" x 30", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0925	LF	20" x 32", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	
23 31 13 13-0926	LF	20" x 34", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0927	LF	20" x 36", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0928	LF	20" x 38", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0929	LF	20" x 40", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0930	LF	20" x 42", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0931	LF	20" x 44", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0932	LF	20" x 46", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0933	LF	20" x 48", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0934	LF	22" x 22", 18 Gauge Galvanized Steel Duct	102.94	43.17
		For Flat Oval, Add	*4.65*	
		For Work In Restricted Working Space, Add	*21.59*	
23 31 13 13-0935	LF	22" x 24", 18 Gauge Galvanized Steel Duct	107.63	45.13
		For Flat Oval, Add	*4.86*	
		For Work In Restricted Working Space, Add	*22.57*	
23 31 13 13-0936	LF	22" x 26", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0937	LF	22" x 28", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0938	LF	22" x 30", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	
23 31 13 13-0939	LF	22" x 32", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0940	LF	22" x 34", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0941	LF	22" x 36", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0942	LF	22" x 38", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0943	LF	22" x 40", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0944	LF	22" x 42", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0945	LF	22" x 44", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0946	LF	22" x 46", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0947	LF	22" x 48", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0948	LF	24" x 24", 18 Gauge Galvanized Steel Duct	112.30	47.10
		For Flat Oval, Add	*5.07*	
		For Work In Restricted Working Space, Add	*23.55*	
23 31 13 13-0949	LF	24" x 26", 18 Gauge Galvanized Steel Duct	116.99	49.06
		For Flat Oval, Add	*5.28*	
		For Work In Restricted Working Space, Add	*24.53*	
23 31 13 13-0950	LF	24" x 28", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	
23 31 13 13-0951	LF	24" x 30", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0952	LF	24" x 32", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0953	LF	24" x 34", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0954	LF	24" x 36", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0955	LF	24" x 38", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0956	LF	24" x 40", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0957	LF	24" x 42", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0958	LF	24" x 44", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0959	LF	24" x 46", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0960	LF	24" x 48", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-0961	LF	26" x 26", 18 Gauge Galvanized Steel Duct	121.65	51.02
		For Flat Oval, Add	*5.49*	
		For Work In Restricted Working Space, Add	*25.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0962	LF	26" x 28", 18 Gauge Galvanized Steel Duct	126.33	52.98
		For Flat Oval, Add	*5.70*	
		For Work In Restricted Working Space, Add	*26.49*	
23 31 13 13-0963	LF	26" x 30", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0964	LF	26" x 32", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0965	LF	26" x 34", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0966	LF	26" x 36", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0967	LF	26" x 38", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0968	LF	26" x 40", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0969	LF	26" x 42", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0970	LF	26" x 44", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0971	LF	26" x 46", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-0972	LF	26" x 48", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0973	LF	28" x 28", 18 Gauge Galvanized Steel Duct	131.03	54.94
		For Flat Oval, Add	*5.92*	
		For Work In Restricted Working Space, Add	*27.47*	
23 31 13 13-0974	LF	28" x 30", 18 Gauge Galvanized Steel Duct	135.70	56.91
		For Flat Oval, Add	*6.13*	
		For Work In Restricted Working Space, Add	*28.46*	
23 31 13 13-0975	LF	28" x 32", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0976	LF	28" x 34", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0977	LF	28" x 36", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0978	LF	28" x 38", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0979	LF	28" x 40", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0980	LF	28" x 42", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0981	LF	28" x 44", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-0982	LF	28" x 46", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0983	LF	28" x 48", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-0984	LF	30" x 30", 18 Gauge Galvanized Steel Duct	140.37	58.87
		For Flat Oval, Add	*6.34*	
		For Work In Restricted Working Space, Add	*29.43*	
23 31 13 13-0985	LF	30" x 32", 18 Gauge Galvanized Steel Duct	145.05	60.84
		For Flat Oval, Add	*6.55*	
		For Work In Restricted Working Space, Add	*30.42*	
23 31 13 13-0986	LF	30" x 34", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0987	LF	30" x 36", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0988	LF	30" x 38", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0989	LF	30" x 40", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0990	LF	30" x 42", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-0991	LF	30" x 44", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0992	LF	30" x 46", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-0993	LF	30" x 48", 18 Gauge Galvanized Steel Duct	182.49	76.53
		For Flat Oval, Add	*8.24*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-0994	LF	32" x 32", 18 Gauge Galvanized Steel Duct	149.75	62.79
		For Flat Oval, Add	*6.76*	
		For Work In Restricted Working Space, Add	*31.40*	
23 31 13 13-0995	LF	32" x 34", 18 Gauge Galvanized Steel Duct	154.41	64.75
		For Flat Oval, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.38*	
23 31 13 13-0996	LF	32" x 36", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-0997	LF	32" x 38", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-0998	LF	32" x 40", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-0999	LF	32" x 42", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-1000	LF	32" x 44", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-1001	LF	32" x 46", 18 Gauge Galvanized Steel Duct	182.49	76.53
		For Flat Oval, Add	*8.24*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-1002	LF	32" x 48", 18 Gauge Galvanized Steel Duct	187.17	78.49
		For Flat Oval, Add	*8.45*	
		For Work In Restricted Working Space, Add	*39.25*	
23 31 13 13-1003	LF	34" x 34", 18 Gauge Galvanized Steel Duct	159.10	66.72
		For Flat Oval, Add	*7.19*	
		For Work In Restricted Working Space, Add	*33.36*	
23 31 13 13-1004	LF	34" x 36", 18 Gauge Galvanized Steel Duct	163.77	68.68
		For Flat Oval, Add	*7.40*	
		For Work In Restricted Working Space, Add	*34.34*	
23 31 13 13-1005	LF	34" x 38", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-1006	LF	34" x 40", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-1007	LF	34" x 42", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-1008	LF	34" x 44", 18 Gauge Galvanized Steel Duct	182.49	76.53
		For Flat Oval, Add	*8.24*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-1009	LF	34" x 46", 18 Gauge Galvanized Steel Duct	187.17	78.49
		For Flat Oval, Add	*8.45*	
		For Work In Restricted Working Space, Add	*39.25*	
23 31 13 13-1010	LF	34" x 48", 18 Gauge Galvanized Steel Duct	191.84	80.46
		For Flat Oval, Add	*8.66*	
		For Work In Restricted Working Space, Add	*40.23*	
23 31 13 13-1011	LF	36" x 36", 18 Gauge Galvanized Steel Duct	168.45	70.65
		For Flat Oval, Add	*7.61*	
		For Work In Restricted Working Space, Add	*35.32*	
23 31 13 13-1012	LF	36" x 38", 18 Gauge Galvanized Steel Duct	173.14	72.61
		For Flat Oval, Add	*7.82*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-1013	LF	36" x 40", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-1014	LF	36" x 42", 18 Gauge Galvanized Steel Duct	182.49	76.53
		For Flat Oval, Add	*8.24*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-1015	LF	36" x 44", 18 Gauge Galvanized Steel Duct	187.17	78.49
		For Flat Oval, Add	*8.45*	
		For Work In Restricted Working Space, Add	*39.25*	
23 31 13 13-1016	LF	36" x 46", 18 Gauge Galvanized Steel Duct	191.84	80.46
		For Flat Oval, Add	*8.66*	
		For Work In Restricted Working Space, Add	*40.23*	
23 31 13 13-1017	LF	36" x 48", 18 Gauge Galvanized Steel Duct	196.55	82.42
		For Flat Oval, Add	*8.88*	
		For Work In Restricted Working Space, Add	*41.21*	
23 31 13 13-1018	LF	38" x 38", 18 Gauge Galvanized Steel Duct	177.82	74.56
		For Flat Oval, Add	*8.03*	
		For Work In Restricted Working Space, Add	*37.28*	
23 31 13 13-1019	LF	38" x 40", 18 Gauge Galvanized Steel Duct	182.49	76.53
		For Flat Oval, Add	*8.24*	
		For Work In Restricted Working Space, Add	*38.27*	
23 31 13 13-1020	LF	38" x 42", 18 Gauge Galvanized Steel Duct	187.17	78.49
		For Flat Oval, Add	*8.45*	
		For Work In Restricted Working Space, Add	*39.25*	
23 31 13 13-1021	LF	38" x 44", 18 Gauge Galvanized Steel Duct	191.84	80.46
		For Flat Oval, Add	*8.66*	
		For Work In Restricted Working Space, Add	*40.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1022	LF	38" x 46", 18 Gauge Galvanized Steel Duct	196.55	82.42
		For Flat Oval, Add	*8.88*	
		For Work In Restricted Working Space, Add	*41.21*	
23 31 13 13-1023	LF	38" x 48", 18 Gauge Galvanized Steel Duct	201.21	84.38
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.19*	
23 31 13 13-1024	LF	38" x 50", 18 Gauge Galvanized Steel Duct	205.88	86.34
		For Flat Oval, Add	*9.30*	
		For Work In Restricted Working Space, Add	*43.17*	
23 31 13 13-1025	LF	40" x 40", 18 Gauge Galvanized Steel Duct	187.17	78.49
		For Flat Oval, Add	*8.45*	
		For Work In Restricted Working Space, Add	*39.25*	
23 31 13 13-1026	LF	40" x 42", 18 Gauge Galvanized Steel Duct	191.84	80.46
		For Flat Oval, Add	*8.66*	
		For Work In Restricted Working Space, Add	*40.23*	
23 31 13 13-1027	LF	40" x 44", 18 Gauge Galvanized Steel Duct	196.55	82.42
		For Flat Oval, Add	*8.88*	
		For Work In Restricted Working Space, Add	*41.21*	
23 31 13 13-1028	LF	40" x 46", 18 Gauge Galvanized Steel Duct	201.21	84.38
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.19*	
23 31 13 13-1029	LF	40" x 48", 18 Gauge Galvanized Steel Duct	205.88	86.34
		For Flat Oval, Add	*9.30*	
		For Work In Restricted Working Space, Add	*43.17*	
23 31 13 13-1030	LF	40" x 50", 18 Gauge Galvanized Steel Duct	210.57	88.30
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*44.15*	
23 31 13 13-1031	LF	40" x 52", 18 Gauge Galvanized Steel Duct	215.24	90.27
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*45.14*	
23 31 13 13-1032	LF	40" x 54", 18 Gauge Galvanized Steel Duct	219.93	92.23
		For Flat Oval, Add	*9.93*	
		For Work In Restricted Working Space, Add	*46.11*	
23 31 13 13-1033	LF	40" x 56", 18 Gauge Galvanized Steel Duct	224.61	94.20
		For Flat Oval, Add	*10.14*	
		For Work In Restricted Working Space, Add	*47.10*	
23 31 13 13-1034	LF	42" x 42", 18 Gauge Galvanized Steel Duct	196.55	82.42
		For Flat Oval, Add	*8.88*	
		For Work In Restricted Working Space, Add	*41.21*	
23 31 13 13-1035	LF	42" x 44", 18 Gauge Galvanized Steel Duct	201.21	84.38
		For Flat Oval, Add	*9.09*	
		For Work In Restricted Working Space, Add	*42.19*	
23 31 13 13-1036	LF	42" x 46", 18 Gauge Galvanized Steel Duct	205.88	86.34
		For Flat Oval, Add	*9.30*	
		For Work In Restricted Working Space, Add	*43.17*	
23 31 13 13-1037	LF	42" x 48", 18 Gauge Galvanized Steel Duct	210.57	88.30
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*44.15*	
23 31 13 13-1038	LF	42" x 50", 18 Gauge Galvanized Steel Duct	215.24	90.27
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*45.14*	
23 31 13 13-1039	LF	42" x 52", 18 Gauge Galvanized Steel Duct	219.93	92.23
		For Flat Oval, Add	*9.93*	
		For Work In Restricted Working Space, Add	*46.11*	
23 31 13 13-1040	LF	42" x 54", 18 Gauge Galvanized Steel Duct	224.61	94.20
		For Flat Oval, Add	*10.14*	
		For Work In Restricted Working Space, Add	*47.10*	
23 31 13 13-1041	LF	42" x 56", 18 Gauge Galvanized Steel Duct	229.29	96.15
		For Flat Oval, Add	*10.35*	
		For Work In Restricted Working Space, Add	*48.08*	
23 31 13 13-1042	LF	44" x 44", 18 Gauge Galvanized Steel Duct	205.88	86.34
		For Flat Oval, Add	*9.30*	
		For Work In Restricted Working Space, Add	*43.17*	
23 31 13 13-1043	LF	44" x 46", 18 Gauge Galvanized Steel Duct	210.57	88.30
		For Flat Oval, Add	*9.51*	
		For Work In Restricted Working Space, Add	*44.15*	
23 31 13 13-1044	LF	44" x 48", 18 Gauge Galvanized Steel Duct	215.24	90.27
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*45.14*	
23 31 13 13-1045	LF	44" x 50", 18 Gauge Galvanized Steel Duct	219.93	92.23
		For Flat Oval, Add	*9.93*	
		For Work In Restricted Working Space, Add	*46.11*	
23 31 13 13-1046	LF	44" x 52", 18 Gauge Galvanized Steel Duct	224.61	94.20
		For Flat Oval, Add	*10.14*	
		For Work In Restricted Working Space, Add	*47.10*	
23 31 13 13-1047	LF	44" x 54", 18 Gauge Galvanized Steel Duct	229.29	96.15
		For Flat Oval, Add	*10.35*	
		For Work In Restricted Working Space, Add	*48.08*	
23 31 13 13-1048	LF	44" x 56", 18 Gauge Galvanized Steel Duct	233.95	98.11
		For Flat Oval, Add	*10.56*	
		For Work In Restricted Working Space, Add	*49.06*	
23 31 13 13-1049	LF	46" x 46", 18 Gauge Galvanized Steel Duct	215.24	90.27
		For Flat Oval, Add	*9.72*	
		For Work In Restricted Working Space, Add	*45.14*	
23 31 13 13-1050	LF	46" x 48", 18 Gauge Galvanized Steel Duct	219.93	92.23
		For Flat Oval, Add	*9.93*	
		For Work In Restricted Working Space, Add	*46.11*	
23 31 13 13-1051	LF	46" x 50", 18 Gauge Galvanized Steel Duct	224.61	94.20
		For Flat Oval, Add	*10.14*	
		For Work In Restricted Working Space, Add	*47.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1052	LF	46" x 52", 18 Gauge Galvanized Steel Duct	229.29	96.15
		For Flat Oval, Add	*10.35*	
		For Work In Restricted Working Space, Add	*48.08*	
23 31 13 13-1053	LF	46" x 54", 18 Gauge Galvanized Steel Duct	233.95	98.11
		For Flat Oval, Add	*10.56*	
		For Work In Restricted Working Space, Add	*49.06*	
23 31 13 13-1054	LF	46" x 56", 18 Gauge Galvanized Steel Duct	238.64	100.08
		For Flat Oval, Add	*10.78*	
		For Work In Restricted Working Space, Add	*50.04*	
23 31 13 13-1055	LF	46" x 58", 18 Gauge Galvanized Steel Duct	243.33	102.04
		For Flat Oval, Add	*10.99*	
		For Work In Restricted Working Space, Add	*51.02*	
23 31 13 13-1056	LF	48" x 48", 18 Gauge Galvanized Steel Duct	224.61	94.20
		For Flat Oval, Add	*10.14*	
		For Work In Restricted Working Space, Add	*47.10*	
23 31 13 13-1057	LF	48" x 50", 18 Gauge Galvanized Steel Duct	229.29	96.15
		For Flat Oval, Add	*10.35*	
		For Work In Restricted Working Space, Add	*48.08*	
23 31 13 13-1058	LF	48" x 52", 18 Gauge Galvanized Steel Duct	233.95	98.11
		For Flat Oval, Add	*10.56*	
		For Work In Restricted Working Space, Add	*49.06*	
23 31 13 13-1059	LF	48" x 54", 18 Gauge Galvanized Steel Duct	238.64	100.08
		For Flat Oval, Add	*10.78*	
		For Work In Restricted Working Space, Add	*50.04*	
23 31 13 13-1060	LF	48" x 56", 18 Gauge Galvanized Steel Duct	243.33	102.04
		For Flat Oval, Add	*10.99*	
		For Work In Restricted Working Space, Add	*51.02*	
23 31 13 13-1061	LF	48" x 58", 18 Gauge Galvanized Steel Duct	248.01	104.01
		For Flat Oval, Add	*11.20*	
		For Work In Restricted Working Space, Add	*52.00*	
23 31 13 13-1062	LF	48" x 60", 18 Gauge Galvanized Steel Duct	252.68	105.97
		For Flat Oval, Add	*11.41*	
		For Work In Restricted Working Space, Add	*52.98*	
23 31 13 13-1063	LF	50" x 50", 18 Gauge Galvanized Steel Duct	233.95	98.11
		For Flat Oval, Add	*10.56*	
		For Work In Restricted Working Space, Add	*49.06*	
23 31 13 13-1064	LF	50" x 52", 18 Gauge Galvanized Steel Duct	238.64	100.08
		For Flat Oval, Add	*10.78*	
		For Work In Restricted Working Space, Add	*50.04*	
23 31 13 13-1065	LF	50" x 54", 18 Gauge Galvanized Steel Duct	243.33	102.04
		For Flat Oval, Add	*10.99*	
		For Work In Restricted Working Space, Add	*51.02*	
23 31 13 13-1066	LF	50" x 56", 18 Gauge Galvanized Steel Duct	248.01	104.01
		For Flat Oval, Add	*11.20*	
		For Work In Restricted Working Space, Add	*52.00*	
23 31 13 13-1067	LF	50" x 58", 18 Gauge Galvanized Steel Duct	252.68	105.97
		For Flat Oval, Add	*11.41*	
		For Work In Restricted Working Space, Add	*52.98*	
23 31 13 13-1068	LF	50" x 60", 18 Gauge Galvanized Steel Duct	257.36	107.92
		For Flat Oval, Add	*11.62*	
		For Work In Restricted Working Space, Add	*53.96*	
23 31 13 13-1069	LF	52" x 52", 18 Gauge Galvanized Steel Duct	243.33	102.04
		For Flat Oval, Add	*10.99*	
		For Work In Restricted Working Space, Add	*51.02*	
23 31 13 13-1070	LF	52" x 54", 18 Gauge Galvanized Steel Duct	248.01	104.01
		For Flat Oval, Add	*11.20*	
		For Work In Restricted Working Space, Add	*52.00*	
23 31 13 13-1071	LF	52" x 56", 18 Gauge Galvanized Steel Duct	252.68	105.97
		For Flat Oval, Add	*11.41*	
		For Work In Restricted Working Space, Add	*52.98*	
23 31 13 13-1072	LF	52" x 58", 18 Gauge Galvanized Steel Duct	257.36	107.92
		For Flat Oval, Add	*11.62*	
		For Work In Restricted Working Space, Add	*53.96*	
23 31 13 13-1073	LF	52" x 60", 18 Gauge Galvanized Steel Duct	262.03	109.89
		For Flat Oval, Add	*11.83*	
		For Work In Restricted Working Space, Add	*54.95*	
23 31 13 13-1074	LF	54" x 54", 18 Gauge Galvanized Steel Duct	252.68	105.97
		For Flat Oval, Add	*11.41*	
		For Work In Restricted Working Space, Add	*52.98*	
23 31 13 13-1075	LF	54" x 56", 18 Gauge Galvanized Steel Duct	257.36	107.92
		For Flat Oval, Add	*11.62*	
		For Work In Restricted Working Space, Add	*53.96*	
23 31 13 13-1076	LF	54" x 58", 18 Gauge Galvanized Steel Duct	262.03	109.89
		For Flat Oval, Add	*11.83*	
		For Work In Restricted Working Space, Add	*54.95*	
23 31 13 13-1077	LF	54" x 60", 18 Gauge Galvanized Steel Duct	266.73	111.85
		For Flat Oval, Add	*12.05*	
		For Work In Restricted Working Space, Add	*55.93*	
23 31 13 13-1078	LF	54" x 62", 18 Gauge Galvanized Steel Duct	271.40	113.82
		For Flat Oval, Add	*12.26*	
		For Work In Restricted Working Space, Add	*56.91*	
23 31 13 13-1079	LF	54" x 64", 18 Gauge Galvanized Steel Duct	276.07	115.78
		For Flat Oval, Add	*12.47*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1080	LF	56" x 56", 18 Gauge Galvanized Steel Duct	262.03	109.89
		For Flat Oval, Add	*11.83*	
		For Work In Restricted Working Space, Add	*54.95*	
23 31 13 13-1081	LF	56" x 58", 18 Gauge Galvanized Steel Duct	266.73	111.85
		For Flat Oval, Add	*12.05*	
		For Work In Restricted Working Space, Add	*55.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1082	LF	56" x 60", 18 Gauge Galvanized Steel Duct	271.40	113.82
		For Flat Oval, Add	*12.26*	
		For Work In Restricted Working Space, Add	*56.91*	
23 31 13 13-1083	LF	56" x 62", 18 Gauge Galvanized Steel Duct	276.07	115.78
		For Flat Oval, Add	*12.47*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1084	LF	56" x 64", 18 Gauge Galvanized Steel Duct	280.76	117.74
		For Flat Oval, Add	*12.68*	
		For Work In Restricted Working Space, Add	*58.87*	
23 31 13 13-1085	LF	58" x 58", 18 Gauge Galvanized Steel Duct	271.40	113.82
		For Flat Oval, Add	*12.26*	
		For Work In Restricted Working Space, Add	*56.91*	
23 31 13 13-1086	LF	58" x 60", 18 Gauge Galvanized Steel Duct	276.07	115.78
		For Flat Oval, Add	*12.47*	
		For Work In Restricted Working Space, Add	*57.89*	
23 31 13 13-1087	LF	58" x 62", 18 Gauge Galvanized Steel Duct	280.76	117.74
		For Flat Oval, Add	*12.68*	
		For Work In Restricted Working Space, Add	*58.87*	
23 31 13 13-1088	LF	58" x 64", 18 Gauge Galvanized Steel Duct	285.42	119.70
		For Flat Oval, Add	*12.89*	
		For Work In Restricted Working Space, Add	*59.85*	
23 31 13 13-1089	LF	58" x 66", 18 Gauge Galvanized Steel Duct	290.12	121.66
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*60.83*	
23 31 13 13-1090	LF	60" x 60", 18 Gauge Galvanized Steel Duct	280.76	117.74
		For Flat Oval, Add	*12.68*	
		For Work In Restricted Working Space, Add	*58.87*	
23 31 13 13-1091	LF	60" x 62", 18 Gauge Galvanized Steel Duct	285.42	119.70
		For Flat Oval, Add	*12.89*	
		For Work In Restricted Working Space, Add	*59.85*	
23 31 13 13-1092	LF	60" x 64", 18 Gauge Galvanized Steel Duct	290.12	121.66
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*60.83*	
23 31 13 13-1093	LF	60" x 66", 18 Gauge Galvanized Steel Duct	294.80	123.63
		For Flat Oval, Add	*13.31*	
		For Work In Restricted Working Space, Add	*61.82*	
23 31 13 13-1094	LF	60" x 68", 18 Gauge Galvanized Steel Duct	299.47	125.59
		For Flat Oval, Add	*13.52*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-1095	LF	62" x 62", 18 Gauge Galvanized Steel Duct	290.12	121.66
		For Flat Oval, Add	*13.10*	
		For Work In Restricted Working Space, Add	*60.83*	
23 31 13 13-1096	LF	62" x 64", 18 Gauge Galvanized Steel Duct	294.80	123.63
		For Flat Oval, Add	*13.31*	
		For Work In Restricted Working Space, Add	*61.82*	
23 31 13 13-1097	LF	62" x 66", 18 Gauge Galvanized Steel Duct	299.47	125.59
		For Flat Oval, Add	*13.52*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-1098	LF	62" x 68", 18 Gauge Galvanized Steel Duct	304.14	127.55
		For Flat Oval, Add	*13.73*	
		For Work In Restricted Working Space, Add	*63.77*	
23 31 13 13-1099	LF	62" x 70", 18 Gauge Galvanized Steel Duct	308.83	129.51
		For Flat Oval, Add	*13.95*	
		For Work In Restricted Working Space, Add	*64.76*	
23 31 13 13-1100	LF	64" x 64", 18 Gauge Galvanized Steel Duct	299.47	125.59
		For Flat Oval, Add	*13.52*	
		For Work In Restricted Working Space, Add	*62.79*	
23 31 13 13-1101	LF	64" x 66", 18 Gauge Galvanized Steel Duct	304.14	127.55
		For Flat Oval, Add	*13.73*	
		For Work In Restricted Working Space, Add	*63.77*	
23 31 13 13-1102	LF	64" x 68", 18 Gauge Galvanized Steel Duct	308.83	129.51
		For Flat Oval, Add	*13.95*	
		For Work In Restricted Working Space, Add	*64.76*	
23 31 13 13-1103	LF	64" x 70", 18 Gauge Galvanized Steel Duct	313.51	131.47
		For Flat Oval, Add	*14.16*	
		For Work In Restricted Working Space, Add	*65.74*	
23 31 13 13-1104	LF	66" x 66", 18 Gauge Galvanized Steel Duct	308.83	129.51
		For Flat Oval, Add	*13.95*	
		For Work In Restricted Working Space, Add	*64.76*	
23 31 13 13-1105	LF	66" x 68", 18 Gauge Galvanized Steel Duct	313.51	131.47
		For Flat Oval, Add	*14.16*	
		For Work In Restricted Working Space, Add	*65.74*	
23 31 13 13-1106	LF	66" x 70", 18 Gauge Galvanized Steel Duct	318.19	133.44
		For Flat Oval, Add	*14.37*	
		For Work In Restricted Working Space, Add	*66.72*	
23 31 13 13-1107	LF	66" x 72", 18 Gauge Galvanized Steel Duct	322.87	135.40
		For Flat Oval, Add	*14.58*	
		For Work In Restricted Working Space, Add	*67.70*	
23 31 13 13-1108	LF	68" x 68", 18 Gauge Galvanized Steel Duct	318.19	133.44
		For Flat Oval, Add	*14.37*	
		For Work In Restricted Working Space, Add	*66.72*	
23 31 13 13-1109	LF	68" x 70", 18 Gauge Galvanized Steel Duct	322.87	135.40
		For Flat Oval, Add	*14.58*	
		For Work In Restricted Working Space, Add	*67.70*	
23 31 13 13-1110	LF	68" x 72", 18 Gauge Galvanized Steel Duct	327.55	137.37
		For Flat Oval, Add	*14.79*	
		For Work In Restricted Working Space, Add	*68.68*	
23 31 13 13-1111	LF	68" x 74", 18 Gauge Galvanized Steel Duct	332.22	139.33
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*69.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1112	LF	70" x 70", 18 Gauge Galvanized Steel Duct	327.55	137.37
		For Flat Oval, Add	*14.79*	
		For Work In Restricted Working Space, Add	*68.68*	
23 31 13 13-1113	LF	70" x 72", 18 Gauge Galvanized Steel Duct	332.22	139.33
		For Flat Oval, Add	*15.00*	
		For Work In Restricted Working Space, Add	*69.66*	
23 31 13 13-1114	LF	70" x 74", 18 Gauge Galvanized Steel Duct	336.92	141.28
		For Flat Oval, Add	*15.22*	
		For Work In Restricted Working Space, Add	*70.64*	
23 31 13 13-1115	LF	70" x 76", 18 Gauge Galvanized Steel Duct	341.59	143.25
		For Flat Oval, Add	*15.43*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-1116	LF	70" x 78", 18 Gauge Galvanized Steel Duct	346.26	145.21
		For Flat Oval, Add	*15.64*	
		For Work In Restricted Working Space, Add	*72.61*	
23 31 13 13-1117	LF	70" x 80", 18 Gauge Galvanized Steel Duct	350.94	147.18
		For Flat Oval, Add	*15.85*	
		For Work In Restricted Working Space, Add	*73.59*	
23 31 13 13-1118	LF	70" x 82", 18 Gauge Galvanized Steel Duct	355.61	149.14
		For Flat Oval, Add	*16.06*	
		For Work In Restricted Working Space, Add	*74.57*	
23 31 13 13-1119	LF	70" x 84", 18 Gauge Galvanized Steel Duct	360.32	151.10
		For Flat Oval, Add	*16.27*	
		For Work In Restricted Working Space, Add	*75.55*	
23 31 13 13-1120	LF	70" x 86", 18 Gauge Galvanized Steel Duct	364.98	153.06
		For Flat Oval, Add	*16.48*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-1121	LF	72" x 72", 18 Gauge Galvanized Steel Duct	336.92	141.28
		For Flat Oval, Add	*15.22*	
		For Work In Restricted Working Space, Add	*70.64*	
23 31 13 13-1122	LF	72" x 74", 18 Gauge Galvanized Steel Duct	341.59	143.25
		For Flat Oval, Add	*15.43*	
		For Work In Restricted Working Space, Add	*71.63*	
23 31 13 13-1123	LF	72" x 76", 18 Gauge Galvanized Steel Duct	346.26	145.21
		For Flat Oval, Add	*15.64*	
		For Work In Restricted Working Space, Add	*72.61*	
23 31 13 13-1124	LF	72" x 78", 18 Gauge Galvanized Steel Duct	350.94	147.18
		For Flat Oval, Add	*15.85*	
		For Work In Restricted Working Space, Add	*73.59*	
23 31 13 13-1125	LF	72" x 80", 18 Gauge Galvanized Steel Duct	355.61	149.14
		For Flat Oval, Add	*16.06*	
		For Work In Restricted Working Space, Add	*74.57*	
23 31 13 13-1126	LF	72" x 82", 18 Gauge Galvanized Steel Duct	360.32	151.10
		For Flat Oval, Add	*16.27*	
		For Work In Restricted Working Space, Add	*75.55*	
23 31 13 13-1127	LF	72" x 84", 18 Gauge Galvanized Steel Duct	364.98	153.06
		For Flat Oval, Add	*16.48*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-1128	LF	72" x 86", 18 Gauge Galvanized Steel Duct	369.66	155.02
		For Flat Oval, Add	*16.69*	
		For Work In Restricted Working Space, Add	*77.51*	
23 31 13 13-1129	LF	74" x 74", 18 Gauge Galvanized Steel Duct	346.26	145.21
		For Flat Oval, Add	*15.64*	
		For Work In Restricted Working Space, Add	*72.61*	
23 31 13 13-1130	LF	74" x 76", 18 Gauge Galvanized Steel Duct	350.94	147.18
		For Flat Oval, Add	*15.85*	
		For Work In Restricted Working Space, Add	*73.59*	
23 31 13 13-1131	LF	74" x 78", 18 Gauge Galvanized Steel Duct	355.61	149.14
		For Flat Oval, Add	*16.06*	
		For Work In Restricted Working Space, Add	*74.57*	
23 31 13 13-1132	LF	74" x 80", 18 Gauge Galvanized Steel Duct	360.32	151.10
		For Flat Oval, Add	*16.27*	
		For Work In Restricted Working Space, Add	*75.55*	
23 31 13 13-1133	LF	74" x 82", 18 Gauge Galvanized Steel Duct	364.98	153.06
		For Flat Oval, Add	*16.48*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-1134	LF	74" x 84", 18 Gauge Galvanized Steel Duct	369.66	155.02
		For Flat Oval, Add	*16.69*	
		For Work In Restricted Working Space, Add	*77.51*	
23 31 13 13-1135	LF	74" x 86", 18 Gauge Galvanized Steel Duct	374.34	156.99
		For Flat Oval, Add	*16.90*	
		For Work In Restricted Working Space, Add	*78.50*	
23 31 13 13-1136	LF	76" x 76", 18 Gauge Galvanized Steel Duct	355.61	149.14
		For Flat Oval, Add	*16.06*	
		For Work In Restricted Working Space, Add	*74.57*	
23 31 13 13-1137	LF	76" x 78", 18 Gauge Galvanized Steel Duct	360.32	151.10
		For Flat Oval, Add	*16.27*	
		For Work In Restricted Working Space, Add	*75.55*	
23 31 13 13-1138	LF	76" x 80", 18 Gauge Galvanized Steel Duct	364.98	153.06
		For Flat Oval, Add	*16.48*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-1139	LF	76" x 82", 18 Gauge Galvanized Steel Duct	369.66	155.02
		For Flat Oval, Add	*16.69*	
		For Work In Restricted Working Space, Add	*77.51*	
23 31 13 13-1140	LF	76" x 84", 18 Gauge Galvanized Steel Duct	374.34	156.99
		For Flat Oval, Add	*16.90*	
		For Work In Restricted Working Space, Add	*78.50*	
23 31 13 13-1141	LF	76" x 86", 18 Gauge Galvanized Steel Duct	379.01	158.95
		For Flat Oval, Add	*17.12*	
		For Work In Restricted Working Space, Add	*79.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1142	LF	78" x 78", 18 Gauge Galvanized Steel Duct	364.98	153.06
		For Flat Oval, Add	*16.48*	
		For Work In Restricted Working Space, Add	*76.53*	
23 31 13 13-1143	LF	78" x 80", 18 Gauge Galvanized Steel Duct	369.66	155.02
		For Flat Oval, Add	*16.69*	
		For Work In Restricted Working Space, Add	*77.51*	
23 31 13 13-1144	LF	78" x 82", 18 Gauge Galvanized Steel Duct	374.34	156.99
		For Flat Oval, Add	*16.90*	
		For Work In Restricted Working Space, Add	*78.50*	
23 31 13 13-1145	LF	78" x 84", 18 Gauge Galvanized Steel Duct	379.01	158.95
		For Flat Oval, Add	*17.12*	
		For Work In Restricted Working Space, Add	*79.47*	
23 31 13 13-1146	LF	78" x 86", 18 Gauge Galvanized Steel Duct	383.70	160.91
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*80.45*	
23 31 13 13-1147	LF	80" x 80", 18 Gauge Galvanized Steel Duct	374.34	156.99
		For Flat Oval, Add	*16.90*	
		For Work In Restricted Working Space, Add	*78.50*	
23 31 13 13-1148	LF	80" x 82", 18 Gauge Galvanized Steel Duct	379.01	158.95
		For Flat Oval, Add	*17.12*	
		For Work In Restricted Working Space, Add	*79.47*	
23 31 13 13-1149	LF	80" x 84", 18 Gauge Galvanized Steel Duct	383.70	160.91
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*80.45*	
23 31 13 13-1150	LF	80" x 86", 18 Gauge Galvanized Steel Duct	388.39	162.87
		For Flat Oval, Add	*17.54*	
		For Work In Restricted Working Space, Add	*81.44*	
23 31 13 13-1151	LF	82" x 82", 18 Gauge Galvanized Steel Duct	383.70	160.91
		For Flat Oval, Add	*17.33*	
		For Work In Restricted Working Space, Add	*80.45*	
23 31 13 13-1152	LF	82" x 84", 18 Gauge Galvanized Steel Duct	388.39	162.87
		For Flat Oval, Add	*17.54*	
		For Work In Restricted Working Space, Add	*81.44*	
23 31 13 13-1153	LF	82" x 86", 18 Gauge Galvanized Steel Duct	393.06	164.83
		For Flat Oval, Add	*17.75*	
		For Work In Restricted Working Space, Add	*82.42*	
23 31 13 13-1154	LF	84" x 84", 18 Gauge Galvanized Steel Duct	393.06	164.83
		For Flat Oval, Add	*17.75*	
		For Work In Restricted Working Space, Add	*82.42*	
23 31 13 13-1155	LF	84" x 86", 18 Gauge Galvanized Steel Duct	397.72	166.80
		For Flat Oval, Add	*17.96*	
		For Work In Restricted Working Space, Add	*83.40*	
23 31 13 13-1156	LF	86" x 86", 18 Gauge Galvanized Steel Duct	402.41	168.76
		For Flat Oval, Add	*18.17*	
		For Work In Restricted Working Space, Add	*84.38*	

23 31 13 13-1157 Stainless Steel Sheet Metal Duct Type 304 *(23 31 13 13-0001)*

Note: SMACNA weight for ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF; 10 gauge – 5.670 LB/SF; Add 10% additional material for lappage.

23 31 13 13-1158	LB	Stainless Steel Sheet Metal Ductwork, Low Pressure, Type 304	15.53	3.31
		For Type 316 Stainless Steel, Add	*0.43*	
		For Welded Seams, Add	*5.84*	
		For Work In Restricted Working Space, Add	*3.38*	
		For Up To 200, Add	*5.94*	
		For >200 To 500, Add	*3.87*	
		For >500 To 1,000, Add	*2.47*	
		For >1,000 To 2,000, Add	*1.37*	
		For >2,000 To 5,000, Add	*0.58*	
23 31 13 13-1159	LB	Stainless Steel Sheet Metal Ductwork, Medium Pressure, Type 304	17.79	4.14
		For Type 316 Stainless Steel, Add	*0.49*	
		For Welded Seams, Add	*6.68*	
		For Work In Restricted Working Space, Add	*3.86*	
		For Up To 200, Add	*6.82*	
		For >200 To 500, Add	*4.43*	
		For >500 To 1,000, Add	*2.84*	
		For >1,000 To 2,000, Add	*1.57*	
		For >2,000 To 5,000, Add	*0.66*	
23 31 13 13-1160	LB	Stainless Steel Sheet Metal Ductwork, High Pressure, Type 304	21.69	4.97
		For Type 316 Stainless Steel, Add	*0.60*	
		For Welded Seams, Add	*8.16*	
		For Work In Restricted Working Space, Add	*4.72*	
		For Up To 200, Add	*8.30*	
		For >200 To 500, Add	*5.40*	
		For >500 To 1,000, Add	*3.45*	
		For >1,000 To 2,000, Add	*1.91*	
		For >2,000 To 5,000, Add	*0.81*	

23 31 13 13-1161 Rework Sheet Metal Ductwork *(23 31 13 13)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 31 13 13-1162	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	24.82
23 31 13 13-1163	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	48.41
23 31 13 13-1164	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	63.96
23 31 13 13-1165	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	80.09
23 31 13 13-1166	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	111.70
23 31 13 13-1167	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	130.32
23 31 13 13-1168	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	148.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1169	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	167.55	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Factory Fabricated Field Installed Low Pressure Round Duct *(23 31 13 16)*
Note: Based on 26 gauge.

23 31 13 16-0002 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Ducts *(23 31 13 16-0001)*
Note: Includes straps and supports.

23 31 13 16-0003	LF	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	5.84	2.11
		For 28 Gauge, Deduct	*-0.21*	
		For 24 Gauge, Add	*0.21*	
		For 22 Gauge, Add	*0.42*	
		For 20 Gauge, Add	*0.63*	
		For 18 Gauge, Add	*0.83*	
		For 16 Gauge, Add	*1.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.12*	
		For Acid Resistant Asphaltum Coating, Add	*3.76*	
		For Work In Restricted Working Space, Add	*1.30*	
23 31 13 16-0004	LF	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	6.74	2.40
		For 28 Gauge, Deduct	*-0.27*	
		For 24 Gauge, Add	*0.27*	
		For 22 Gauge, Add	*0.53*	
		For 20 Gauge, Add	*0.80*	
		For 18 Gauge, Add	*1.06*	
		For 16 Gauge, Add	*1.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.43*	
		For Acid Resistant Asphaltum Coating, Add	*4.20*	
		For Work In Restricted Working Space, Add	*1.44*	
23 31 13 16-0005	LF	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	7.60	2.89
		For 28 Gauge, Deduct	*-0.30*	
		For 24 Gauge, Add	*0.30*	
		For 22 Gauge, Add	*0.61*	
		For 20 Gauge, Add	*0.91*	
		For 18 Gauge, Add	*1.21*	
		For 16 Gauge, Add	*1.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.63*	
		For Acid Resistant Asphaltum Coating, Add	*4.64*	
		For Work In Restricted Working Space, Add	*1.62*	
23 31 13 16-0006	LF	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	8.78	3.36
		For 28 Gauge, Deduct	*-0.36*	
		For 24 Gauge, Add	*0.36*	
		For 22 Gauge, Add	*0.72*	
		For 20 Gauge, Add	*1.08*	
		For 18 Gauge, Add	*1.43*	
		For 16 Gauge, Add	*1.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.92*	
		For Acid Resistant Asphaltum Coating, Add	*5.08*	
		For Work In Restricted Working Space, Add	*1.85*	
23 31 13 16-0007	LF	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	10.09	3.84
		For 28 Gauge, Deduct	*-0.40*	
		For 24 Gauge, Add	*0.40*	
		For 22 Gauge, Add	*0.80*	
		For 20 Gauge, Add	*1.20*	
		For 18 Gauge, Add	*1.59*	
		For 16 Gauge, Add	*1.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.14*	
		For Acid Resistant Asphaltum Coating, Add	*5.52*	
		For Work In Restricted Working Space, Add	*2.16*	
23 31 13 16-0008	LF	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	12.21	4.81
		For 28 Gauge, Deduct	*-0.49*	
		For 24 Gauge, Add	*0.49*	
		For 22 Gauge, Add	*0.98*	
		For 20 Gauge, Add	*1.47*	
		For 18 Gauge, Add	*1.96*	
		For 16 Gauge, Add	*2.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.63*	
		For Acid Resistant Asphaltum Coating, Add	*6.40*	
		For Work In Restricted Working Space, Add	*2.60*	
23 31 13 16-0009	LF	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	15.19	6.44
		For 28 Gauge, Deduct	*-0.61*	
		For 24 Gauge, Add	*0.60*	
		For 22 Gauge, Add	*1.21*	
		For 20 Gauge, Add	*1.81*	
		For 18 Gauge, Add	*2.41*	
		For 16 Gauge, Add	*2.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.24*	
		For Acid Resistant Asphaltum Coating, Add	*6.90*	
		For Work In Restricted Working Space, Add	*3.24*	
23 31 13 16-0010	LF	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	18.60	9.61
		For 28 Gauge, Deduct	*-0.70*	
		For 24 Gauge, Add	*0.70*	
		For 22 Gauge, Add	*1.40*	
		For 20 Gauge, Add	*2.11*	
		For 18 Gauge, Add	*2.80*	
		For 16 Gauge, Add	*3.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.77*	
		For Acid Resistant Asphaltum Coating, Add	*7.26*	
		For Work In Restricted Working Space, Add	*4.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0011	LF	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	25.57	12.88
		For 28 Gauge, Deduct	*-1.05*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.08*	
		For 20 Gauge, Add	*3.13*	
		For 18 Gauge, Add	*4.15*	
		For 16 Gauge, Add	*5.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.59*	
		For Acid Resistant Asphaltum Coating, Add	*7.58*	
		For Work In Restricted Working Space, Add	*5.41*	

23 31 13 16-0012 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

23 31 13 16-0013	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	32.76	12.83
		For 28 Gauge, Deduct	*-0.98*	
		For 24 Gauge, Add	*0.98*	
		For 22 Gauge, Add	*1.96*	
		For 20 Gauge, Add	*2.94*	
		For 18 Gauge, Add	*3.91*	
		For 16 Gauge, Add	*4.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.26*	
		For Work In Restricted Working Space, Add	*7.70*	
23 31 13 16-0014	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	37.34	14.80
		For 28 Gauge, Deduct	*-1.07*	
		For 24 Gauge, Add	*1.07*	
		For 22 Gauge, Add	*2.13*	
		For 20 Gauge, Add	*3.20*	
		For 18 Gauge, Add	*4.26*	
		For 16 Gauge, Add	*5.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.73*	
		For Work In Restricted Working Space, Add	*8.88*	
23 31 13 16-0015	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	43.68	17.48
		For 28 Gauge, Deduct	*-1.20*	
		For 24 Gauge, Add	*1.20*	
		For 22 Gauge, Add	*2.40*	
		For 20 Gauge, Add	*3.60*	
		For 18 Gauge, Add	*4.79*	
		For 16 Gauge, Add	*5.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.44*	
		For Work In Restricted Working Space, Add	*10.49*	
23 31 13 16-0016	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	55.66	22.48
		For 28 Gauge, Deduct	*-1.48*	
		For 24 Gauge, Add	*1.48*	
		For 22 Gauge, Add	*2.95*	
		For 20 Gauge, Add	*4.43*	
		For 18 Gauge, Add	*5.88*	
		For 16 Gauge, Add	*7.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.91*	
		For Work In Restricted Working Space, Add	*13.49*	
23 31 13 16-0017	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	66.32	27.38
		For 28 Gauge, Deduct	*-1.60*	
		For 24 Gauge, Add	*1.59*	
		For 22 Gauge, Add	*3.18*	
		For 20 Gauge, Add	*4.78*	
		For 18 Gauge, Add	*6.35*	
		For 16 Gauge, Add	*7.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.55*	
		For Work In Restricted Working Space, Add	*16.43*	
23 31 13 16-0018	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	100.76	42.76
		For 28 Gauge, Deduct	*-2.11*	
		For 24 Gauge, Add	*2.10*	
		For 22 Gauge, Add	*4.20*	
		For 20 Gauge, Add	*6.31*	
		For 18 Gauge, Add	*8.38*	
		For 16 Gauge, Add	*10.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.28*	
		For Work In Restricted Working Space, Add	*25.66*	
23 31 13 16-0019	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	138.84	59.09
		For 28 Gauge, Deduct	*-2.86*	
		For 24 Gauge, Add	*2.85*	
		For 22 Gauge, Add	*5.69*	
		For 20 Gauge, Add	*8.55*	
		For 18 Gauge, Add	*11.36*	
		For 16 Gauge, Add	*13.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.28*	
		For Work In Restricted Working Space, Add	*35.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0020	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	171.45	69.91
		For 28 Gauge, Deduct	*-4.38*	
		For 24 Gauge, Add	*4.37*	
		For 22 Gauge, Add	*8.72*	
		For 20 Gauge, Add	*13.10*	
		For 18 Gauge, Add	*17.41*	
		For 16 Gauge, Add	*21.36*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.42*	
		For Work In Restricted Working Space, Add	*41.94*	
23 31 13 16-0021	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	199.10	76.87
		For 28 Gauge, Deduct	*-6.28*	
		For 24 Gauge, Add	*6.26*	
		For 22 Gauge, Add	*12.50*	
		For 20 Gauge, Add	*18.78*	
		For 18 Gauge, Add	*24.95*	
		For 16 Gauge, Add	*30.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.57*	
		For Work In Restricted Working Space, Add	*46.12*	

23 31 13 16-0022 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0023	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	27.59	8.65
		For 28 Gauge, Deduct	*-0.83*	
		For 24 Gauge, Add	*0.82*	
		For 22 Gauge, Add	*1.64*	
		For 20 Gauge, Add	*2.47*	
		For 18 Gauge, Add	*3.28*	
		For 16 Gauge, Add	*4.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.42*	
		For Work In Restricted Working Space, Add	*6.49*	
23 31 13 16-0024	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	31.52	9.90
		For 28 Gauge, Deduct	*-0.94*	
		For 24 Gauge, Add	*0.94*	
		For 22 Gauge, Add	*1.88*	
		For 20 Gauge, Add	*2.82*	
		For 18 Gauge, Add	*3.75*	
		For 16 Gauge, Add	*4.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.04*	
		For Work In Restricted Working Space, Add	*7.41*	
23 31 13 16-0025	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	36.58	11.53
		For 28 Gauge, Deduct	*-1.07*	
		For 24 Gauge, Add	*1.07*	
		For 22 Gauge, Add	*2.14*	
		For 20 Gauge, Add	*3.21*	
		For 18 Gauge, Add	*4.27*	
		For 16 Gauge, Add	*5.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.74*	
		For Work In Restricted Working Space, Add	*8.65*	
23 31 13 16-0026	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	42.81	13.83
		For 28 Gauge, Deduct	*-1.14*	
		For 24 Gauge, Add	*1.13*	
		For 22 Gauge, Add	*2.26*	
		For 20 Gauge, Add	*3.40*	
		For 18 Gauge, Add	*4.52*	
		For 16 Gauge, Add	*5.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.08*	
		For Work In Restricted Working Space, Add	*10.38*	
23 31 13 16-0027	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	52.78	17.29
		For 28 Gauge, Deduct	*-1.32*	
		For 24 Gauge, Add	*1.32*	
		For 22 Gauge, Add	*2.63*	
		For 20 Gauge, Add	*3.95*	
		For 18 Gauge, Add	*5.25*	
		For 16 Gauge, Add	*6.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.06*	
		For Work In Restricted Working Space, Add	*12.97*	
23 31 13 16-0028	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	71.28	23.06
		For 28 Gauge, Deduct	*-1.89*	
		For 24 Gauge, Add	*1.88*	
		For 22 Gauge, Add	*3.76*	
		For 20 Gauge, Add	*5.64*	
		For 18 Gauge, Add	*7.50*	
		For 16 Gauge, Add	*9.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.09*	
		For Work In Restricted Working Space, Add	*17.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0029	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	104.51	34.59
		For 28 Gauge, Deduct	*-2.50*	
		For 24 Gauge, Add	*2.49*	
		For 22 Gauge, Add	*4.97*	
		For 20 Gauge, Add	*7.46*	
		For 18 Gauge, Add	*9.92*	
		For 16 Gauge, Add	*12.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.34*	
		For Work In Restricted Working Space, Add	*25.94*	
23 31 13 16-0030	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	144.25	44.20
		For 28 Gauge, Deduct	*-4.67*	
		For 24 Gauge, Add	*4.66*	
		For 22 Gauge, Add	*9.30*	
		For 20 Gauge, Add	*13.97*	
		For 18 Gauge, Add	*18.56*	
		For 16 Gauge, Add	*22.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.98*	
		For Work In Restricted Working Space, Add	*33.15*	
23 31 13 16-0031	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	180.62	55.73
		For 28 Gauge, Deduct	*-5.72*	
		For 24 Gauge, Add	*5.70*	
		For 22 Gauge, Add	*11.38*	
		For 20 Gauge, Add	*17.10*	
		For 18 Gauge, Add	*22.72*	
		For 16 Gauge, Add	*27.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.56*	
		For Work In Restricted Working Space, Add	*41.80*	

23 31 13 16-0032 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0033	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	25.37	8.65
		For 28 Gauge, Deduct	*-0.52*	
		For 24 Gauge, Add	*0.52*	
		For 22 Gauge, Add	*1.03*	
		For 20 Gauge, Add	*1.55*	
		For 18 Gauge, Add	*2.06*	
		For 16 Gauge, Add	*2.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.78*	
		For Work In Restricted Working Space, Add	*6.49*	
23 31 13 16-0034	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	29.53	9.90
		For 28 Gauge, Deduct	*-0.67*	
		For 24 Gauge, Add	*0.67*	
		For 22 Gauge, Add	*1.33*	
		For 20 Gauge, Add	*2.00*	
		For 18 Gauge, Add	*2.65*	
		For 16 Gauge, Add	*3.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.41*	
23 31 13 16-0035	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	34.08	11.53
		For 28 Gauge, Deduct	*-0.73*	
		For 24 Gauge, Add	*0.73*	
		For 22 Gauge, Add	*1.45*	
		For 20 Gauge, Add	*2.18*	
		For 18 Gauge, Add	*2.89*	
		For 16 Gauge, Add	*3.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.89*	
		For Work In Restricted Working Space, Add	*8.65*	
23 31 13 16-0036	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	40.69	13.83
		For 28 Gauge, Deduct	*-0.84*	
		For 24 Gauge, Add	*0.84*	
		For 22 Gauge, Add	*1.68*	
		For 20 Gauge, Add	*2.53*	
		For 18 Gauge, Add	*3.36*	
		For 16 Gauge, Add	*4.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.51*	
		For Work In Restricted Working Space, Add	*10.38*	
23 31 13 16-0037	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	50.18	17.29
		For 28 Gauge, Deduct	*-0.96*	
		For 24 Gauge, Add	*0.96*	
		For 22 Gauge, Add	*1.91*	
		For 20 Gauge, Add	*2.87*	
		For 18 Gauge, Add	*3.82*	
		For 16 Gauge, Add	*4.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.14*	
		For Work In Restricted Working Space, Add	*12.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0038	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	68.24	23.06
		For 28 Gauge, Deduct	*-1.47*	
		For 24 Gauge, Add	*1.46*	
		For 22 Gauge, Add	*2.92*	
		For 20 Gauge, Add	*4.38*	
		For 18 Gauge, Add	*5.82*	
		For 16 Gauge, Add	*7.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.84*	
		For Work In Restricted Working Space, Add	*17.30*	
23 31 13 16-0039	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	100.11	34.59
		For 28 Gauge, Deduct	*-1.89*	
		For 24 Gauge, Add	*1.88*	
		For 22 Gauge, Add	*3.76*	
		For 20 Gauge, Add	*5.64*	
		For 18 Gauge, Add	*7.50*	
		For 16 Gauge, Add	*9.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.09*	
		For Work In Restricted Working Space, Add	*25.94*	
23 31 13 16-0040	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	134.08	44.20
		For 28 Gauge, Deduct	*-3.27*	
		For 24 Gauge, Add	*3.25*	
		For 22 Gauge, Add	*6.50*	
		For 20 Gauge, Add	*9.76*	
		For 18 Gauge, Add	*12.97*	
		For 16 Gauge, Add	*15.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.45*	
		For Work In Restricted Working Space, Add	*33.15*	
23 31 13 16-0041	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	177.99	55.73
		For 28 Gauge, Deduct	*-5.36*	
		For 24 Gauge, Add	*5.34*	
		For 22 Gauge, Add	*10.65*	
		For 20 Gauge, Add	*16.01*	
		For 18 Gauge, Add	*21.27*	
		For 16 Gauge, Add	*26.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.62*	
		For Work In Restricted Working Space, Add	*41.80*	

23 31 13 16-0042 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tees *(23 31 13 16-0001)*

23 31 13 16-0043	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	40.78	12.97
		For 28 Gauge, Deduct	*-1.16*	
		For 24 Gauge, Add	*1.15*	
		For 22 Gauge, Add	*2.30*	
		For 20 Gauge, Add	*3.46*	
		For 18 Gauge, Add	*4.60*	
		For 16 Gauge, Add	*5.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.19*	
		For Work In Restricted Working Space, Add	*9.73*	
23 31 13 16-0044	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	48.17	14.80
		For 28 Gauge, Deduct	*-1.54*	
		For 24 Gauge, Add	*1.53*	
		For 22 Gauge, Add	*3.06*	
		For 20 Gauge, Add	*4.60*	
		For 18 Gauge, Add	*6.11*	
		For 16 Gauge, Add	*7.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.22*	
		For Work In Restricted Working Space, Add	*11.12*	
23 31 13 16-0045	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	55.29	17.29
		For 28 Gauge, Deduct	*-1.67*	
		For 24 Gauge, Add	*1.66*	
		For 22 Gauge, Add	*3.32*	
		For 20 Gauge, Add	*4.99*	
		For 18 Gauge, Add	*6.63*	
		For 16 Gauge, Add	*8.13*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.92*	
		For Work In Restricted Working Space, Add	*12.97*	
23 31 13 16-0046	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	65.76	20.75
		For 28 Gauge, Deduct	*-1.92*	
		For 24 Gauge, Add	*1.92*	
		For 22 Gauge, Add	*3.82*	
		For 20 Gauge, Add	*5.75*	
		For 18 Gauge, Add	*7.63*	
		For 16 Gauge, Add	*9.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.27*	
		For Work In Restricted Working Space, Add	*15.56*	
23 31 13 16-0047	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	87.30	25.94
		For 28 Gauge, Deduct	*-3.11*	
		For 24 Gauge, Add	*3.10*	
		For 22 Gauge, Add	*6.18*	
		For 20 Gauge, Add	*9.29*	
		For 18 Gauge, Add	*12.34*	
		For 16 Gauge, Add	*15.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.60*	
		For Work In Restricted Working Space, Add	*19.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0048	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	115.09	34.59
		For 28 Gauge, Deduct	*-3.96*	
		For 24 Gauge, Add	*3.95*	
		For 22 Gauge, Add	*7.88*	
		For 20 Gauge, Add	*11.84*	
		For 18 Gauge, Add	*15.74*	
		For 16 Gauge, Add	*19.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.17*	
		For Work In Restricted Working Space, Add	*25.94*	
23 31 13 16-0049	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	158.30	51.89
		For 28 Gauge, Deduct	*-3.96*	
		For 24 Gauge, Add	*3.95*	
		For 22 Gauge, Add	*7.88*	
		For 20 Gauge, Add	*11.84*	
		For 18 Gauge, Add	*15.74*	
		For 16 Gauge, Add	*19.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.17*	
		For Work In Restricted Working Space, Add	*38.91*	
23 31 13 16-0050	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	220.17	66.10
		For 28 Gauge, Deduct	*-7.55*	
		For 24 Gauge, Add	*7.52*	
		For 22 Gauge, Add	*15.01*	
		For 20 Gauge, Add	*22.56*	
		For 18 Gauge, Add	*29.98*	
		For 16 Gauge, Add	*36.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.33*	
		For Work In Restricted Working Space, Add	*49.70*	
23 31 13 16-0051	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee	285.40	83.79
		For 28 Gauge, Deduct	*-10.60*	
		For 24 Gauge, Add	*10.56*	
		For 22 Gauge, Add	*21.08*	
		For 20 Gauge, Add	*31.68*	
		For 18 Gauge, Add	*42.08*	
		For 16 Gauge, Add	*51.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*56.62*	
		For Work In Restricted Working Space, Add	*62.67*	

23 31 13 16-0052 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connectors *(23 31 13 16-0001)*

23 31 13 16-0053	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	18.18	
		For Work In Restricted Working Space, Add	*4.61*	
23 31 13 16-0054	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	19.18	
		For Work In Restricted Working Space, Add	*4.85*	
23 31 13 16-0055	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	20.54	
		For Work In Restricted Working Space, Add	*5.19*	
23 31 13 16-0056	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	21.97	
		For Work In Restricted Working Space, Add	*5.48*	
23 31 13 16-0057	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	23.89	
		For Work In Restricted Working Space, Add	*5.91*	
23 31 13 16-0058	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	28.60	
		For Work In Restricted Working Space, Add	*6.60*	
23 31 13 16-0059	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	38.71	
		For Work In Restricted Working Space, Add	*9.22*	
23 31 13 16-0060	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	44.26	
		For Work In Restricted Working Space, Add	*10.50*	
23 31 13 16-0061	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	48.73	
		For Work In Restricted Working Space, Add	*11.51*	

23 31 13 16-0062 26 Gauge, Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*

23 31 13 16-0063 26 Gauge, Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0062)*

23 31 13 16-0064	LF	4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	6.23	0.89
		For 24 Gauge, Add	*0.30*	
		For 22 Gauge, Add	*0.69*	
		For 20 Gauge, Add	*1.12*	
		For 18 Gauge, Add	*1.71*	
		For 16 Gauge, Add	*2.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.10*	
		For Work In Restricted Working Space, Add	*1.42*	
23 31 13 16-0065	LF	6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	7.84	1.77
		For 24 Gauge, Add	*0.43*	
		For 22 Gauge, Add	*0.99*	
		For 20 Gauge, Add	*1.61*	
		For 18 Gauge, Add	*2.47*	
		For 16 Gauge, Add	*3.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.59*	
		For Work In Restricted Working Space, Add	*1.71*	
23 31 13 16-0066	LF	8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	9.89	1.77
		For 24 Gauge, Add	*0.57*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*2.13*	
		For 18 Gauge, Add	*3.27*	
		For 16 Gauge, Add	*3.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.10*	
		For Work In Restricted Working Space, Add	*2.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0067	LF	10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	11.97	1.77
		For 24 Gauge, Add	*0.70*	
		For 22 Gauge, Add	*1.61*	
		For 20 Gauge, Add	*2.63*	
		For 18 Gauge, Add	*4.03*	
		For 16 Gauge, Add	*4.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.59*	
		For Work In Restricted Working Space, Add	*2.54*	
23 31 13 16-0068	LF	12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	14.92	2.66
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.98*	
		For 20 Gauge, Add	*3.23*	
		For 18 Gauge, Add	*4.95*	
		For 16 Gauge, Add	*6.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.18*	
		For Work In Restricted Working Space, Add	*3.19*	
23 31 13 16-0069	LF	14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	18.26	2.66
		For 24 Gauge, Add	*1.00*	
		For 22 Gauge, Add	*2.30*	
		For 20 Gauge, Add	*3.74*	
		For 18 Gauge, Add	*5.74*	
		For 16 Gauge, Add	*6.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.69*	
		For Work In Restricted Working Space, Add	*3.98*	
23 31 13 16-0070	LF	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	24.91	2.66
		For 24 Gauge, Add	*1.45*	
		For 22 Gauge, Add	*3.33*	
		For 20 Gauge, Add	*5.43*	
		For 18 Gauge, Add	*8.33*	
		For 16 Gauge, Add	*10.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.36*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 16-0071	LF	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	28.63	3.54
		For 24 Gauge, Add	*1.61*	
		For 22 Gauge, Add	*3.69*	
		For 20 Gauge, Add	*6.02*	
		For 18 Gauge, Add	*9.23*	
		For 16 Gauge, Add	*11.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.94*	
		For Work In Restricted Working Space, Add	*6.18*	
23 31 13 16-0072	LF	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	32.36	3.54
		For 24 Gauge, Add	*1.79*	
		For 22 Gauge, Add	*4.12*	
		For 20 Gauge, Add	*6.72*	
		For 18 Gauge, Add	*10.30*	
		For 16 Gauge, Add	*12.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.63*	
		For Work In Restricted Working Space, Add	*7.02*	
23 31 13 16-0073	LF	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	36.25	4.43
		For 24 Gauge, Add	*1.98*	
		For 22 Gauge, Add	*4.55*	
		For 20 Gauge, Add	*7.43*	
		For 18 Gauge, Add	*11.39*	
		For 16 Gauge, Add	*13.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.33*	
		For Work In Restricted Working Space, Add	*7.91*	
23 31 13 16-0074	LF	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	40.25	5.31
		For 24 Gauge, Add	*2.15*	
		For 22 Gauge, Add	*4.95*	
		For 20 Gauge, Add	*8.07*	
		For 18 Gauge, Add	*12.37*	
		For 16 Gauge, Add	*15.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.96*	
		For Work In Restricted Working Space, Add	*8.85*	

23 31 13 16-0075 26 Gauge, Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0062)*

23 31 13 16-0076	EA	4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	61.00	12.39
		For 24 Gauge, Add	*2.64*	
		For 22 Gauge, Add	*6.06*	
		For 20 Gauge, Add	*9.89*	
		For 18 Gauge, Add	*15.16*	
		For 16 Gauge, Add	*18.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.75*	
		For Work In Restricted Working Space, Add	*14.35*	
23 31 13 16-0077	EA	6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	89.51	17.69
		For 24 Gauge, Add	*3.74*	
		For 22 Gauge, Add	*8.61*	
		For 20 Gauge, Add	*14.04*	
		For 18 Gauge, Add	*21.53*	
		For 16 Gauge, Add	*26.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.85*	
		For Work In Restricted Working Space, Add	*21.24*	
23 31 13 16-0078	EA	8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	128.84	23.00
		For 24 Gauge, Add	*7.14*	
		For 22 Gauge, Add	*16.42*	
		For 20 Gauge, Add	*26.78*	
		For 18 Gauge, Add	*41.06*	
		For 16 Gauge, Add	*49.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.42*	
		For Work In Restricted Working Space, Add	*27.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0079	EA	10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	160.00	29.19
		For 24 Gauge, Add	*8.41*	
		For 22 Gauge, Add	*19.33*	
		For 20 Gauge, Add	*31.52*	
		For 18 Gauge, Add	*48.33*	
		For 16 Gauge, Add	*58.84*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.10*	
		For Work In Restricted Working Space, Add	*35.39*	
23 31 13 16-0080	EA	12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	196.81	37.16
		For 24 Gauge, Add	*9.87*	
		For 22 Gauge, Add	*22.70*	
		For 20 Gauge, Add	*37.01*	
		For 18 Gauge, Add	*56.75*	
		For 16 Gauge, Add	*69.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.52*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0081	EA	14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	215.80	40.70
		For 24 Gauge, Add	*10.99*	
		For 22 Gauge, Add	*25.27*	
		For 20 Gauge, Add	*41.21*	
		For 18 Gauge, Add	*63.18*	
		For 16 Gauge, Add	*76.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.66*	
		For Work In Restricted Working Space, Add	*48.26*	
23 31 13 16-0082	EA	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	254.57	47.78
		For 24 Gauge, Add	*12.86*	
		For 22 Gauge, Add	*29.57*	
		For 20 Gauge, Add	*48.22*	
		For 18 Gauge, Add	*73.93*	
		For 16 Gauge, Add	*90.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*47.57*	
		For Work In Restricted Working Space, Add	*57.08*	
23 31 13 16-0083	EA	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	309.91	59.28
		For 24 Gauge, Add	*14.80*	
		For 22 Gauge, Add	*34.03*	
		For 20 Gauge, Add	*55.49*	
		For 18 Gauge, Add	*85.08*	
		For 16 Gauge, Add	*103.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.75*	
		For Work In Restricted Working Space, Add	*70.78*	
23 31 13 16-0084	EA	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	372.74	71.67
		For 24 Gauge, Add	*17.47*	
		For 22 Gauge, Add	*40.17*	
		For 20 Gauge, Add	*65.50*	
		For 18 Gauge, Add	*100.43*	
		For 16 Gauge, Add	*122.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*64.62*	
		For Work In Restricted Working Space, Add	*85.62*	
23 31 13 16-0085	EA	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	432.98	83.16
		For 24 Gauge, Add	*19.82*	
		For 22 Gauge, Add	*45.59*	
		For 20 Gauge, Add	*74.33*	
		For 18 Gauge, Add	*113.98*	
		For 16 Gauge, Add	*138.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*73.34*	
		For Work In Restricted Working Space, Add	*100.16*	
23 31 13 16-0086	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	498.81	94.67
		For 24 Gauge, Add	*24.46*	
		For 22 Gauge, Add	*56.26*	
		For 20 Gauge, Add	*91.73*	
		For 18 Gauge, Add	*140.66*	
		For 16 Gauge, Add	*171.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*90.51*	
		For Work In Restricted Working Space, Add	*112.95*	

23 31 13 16-0087 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0062)*

23 31 13 16-0088	EA	4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	61.62	12.39
		For 24 Gauge, Add	*2.76*	
		For 22 Gauge, Add	*6.35*	
		For 20 Gauge, Add	*10.35*	
		For 18 Gauge, Add	*15.87*	
		For 16 Gauge, Add	*19.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.21*	
		For Work In Restricted Working Space, Add	*14.35*	
23 31 13 16-0089	EA	6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	86.30	17.69
		For 24 Gauge, Add	*3.10*	
		For 22 Gauge, Add	*7.13*	
		For 20 Gauge, Add	*11.63*	
		For 18 Gauge, Add	*17.84*	
		For 16 Gauge, Add	*21.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.48*	
		For Work In Restricted Working Space, Add	*21.24*	
23 31 13 16-0090	EA	8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	113.93	23.00
		For 24 Gauge, Add	*4.16*	
		For 22 Gauge, Add	*9.56*	
		For 20 Gauge, Add	*15.59*	
		For 18 Gauge, Add	*23.91*	
		For 16 Gauge, Add	*29.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.38*	
		For Work In Restricted Working Space, Add	*27.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0091	EA	10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	143.96	29.19
		For 24 Gauge, Add	*5.20*	
		For 22 Gauge, Add	*11.96*	
		For 20 Gauge, Add	*19.49*	
		For 18 Gauge, Add	*29.89*	
		For 16 Gauge, Add	*36.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.23*	
		For Work In Restricted Working Space, Add	*35.39*	
23 31 13 16-0092	EA	12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	177.67	37.16
		For 24 Gauge, Add	*6.04*	
		For 22 Gauge, Add	*13.90*	
		For 20 Gauge, Add	*22.66*	
		For 18 Gauge, Add	*34.74*	
		For 16 Gauge, Add	*42.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.36*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0093	EA	14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	194.44	40.70
		For 24 Gauge, Add	*6.72*	
		For 22 Gauge, Add	*15.45*	
		For 20 Gauge, Add	*25.19*	
		For 18 Gauge, Add	*38.62*	
		For 16 Gauge, Add	*47.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.85*	
		For Work In Restricted Working Space, Add	*48.26*	
23 31 13 16-0094	EA	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	245.33	47.78
		For 24 Gauge, Add	*11.01*	
		For 22 Gauge, Add	*25.32*	
		For 20 Gauge, Add	*41.29*	
		For 18 Gauge, Add	*63.31*	
		For 16 Gauge, Add	*77.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.74*	
		For Work In Restricted Working Space, Add	*57.08*	
23 31 13 16-0095	EA	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	303.36	59.28
		For 24 Gauge, Add	*13.49*	
		For 22 Gauge, Add	*31.02*	
		For 20 Gauge, Add	*50.57*	
		For 18 Gauge, Add	*77.54*	
		For 16 Gauge, Add	*94.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.90*	
		For Work In Restricted Working Space, Add	*70.78*	
23 31 13 16-0096	EA	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	370.73	71.67
		For 24 Gauge, Add	*17.06*	
		For 22 Gauge, Add	*39.25*	
		For 20 Gauge, Add	*63.99*	
		For 18 Gauge, Add	*98.12*	
		For 16 Gauge, Add	*119.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*63.14*	
		For Work In Restricted Working Space, Add	*85.62*	
23 31 13 16-0097	EA	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	410.25	83.16
		For 24 Gauge, Add	*15.28*	
		For 22 Gauge, Add	*35.13*	
		For 20 Gauge, Add	*57.29*	
		For 18 Gauge, Add	*87.84*	
		For 16 Gauge, Add	*106.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*56.52*	
		For Work In Restricted Working Space, Add	*100.16*	
23 31 13 16-0098	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	490.72	94.67
		For 24 Gauge, Add	*22.84*	
		For 22 Gauge, Add	*52.54*	
		For 20 Gauge, Add	*85.67*	
		For 18 Gauge, Add	*131.35*	
		For 16 Gauge, Add	*159.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*84.52*	
		For Work In Restricted Working Space, Add	*112.95*	

23 31 13 16-0099 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals

(23 31 13 16-0062)

23 31 13 16-0100	EA	6" x 6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	122.81	23.00
		For 24 Gauge, Add	*5.93*	
		For 22 Gauge, Add	*13.65*	
		For 20 Gauge, Add	*22.25*	
		For 18 Gauge, Add	*34.12*	
		For 16 Gauge, Add	*41.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.96*	
		For Work In Restricted Working Space, Add	*27.94*	
23 31 13 16-0101	EA	8" x 8" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	178.56	37.16
		For 24 Gauge, Add	*6.22*	
		For 22 Gauge, Add	*14.31*	
		For 20 Gauge, Add	*23.33*	
		For 18 Gauge, Add	*35.77*	
		For 16 Gauge, Add	*43.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.01*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0102	EA	10" x 10" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	224.43	47.78
		For 24 Gauge, Add	*6.83*	
		For 22 Gauge, Add	*15.71*	
		For 20 Gauge, Add	*25.61*	
		For 18 Gauge, Add	*39.27*	
		For 16 Gauge, Add	*47.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.27*	
		For Work In Restricted Working Space, Add	*57.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0103	EA	12" x 12" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	271.60	59.28
		For 24 Gauge, Add	*7.13*	
		For 22 Gauge, Add	*16.41*	
		For 20 Gauge, Add	*26.75*	
		For 18 Gauge, Add	*41.02*	
		For 16 Gauge, Add	*49.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.40*	
		For Work In Restricted Working Space, Add	*70.78*	
23 31 13 16-0104	EA	14" x 14" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	322.25	71.67
		For 24 Gauge, Add	*7.37*	
		For 22 Gauge, Add	*16.95*	
		For 20 Gauge, Add	*27.63*	
		For 18 Gauge, Add	*42.37*	
		For 16 Gauge, Add	*51.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.26*	
		For Work In Restricted Working Space, Add	*85.62*	
23 31 13 16-0105	EA	16" x 16" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	373.94	83.16
		For 24 Gauge, Add	*8.01*	
		For 22 Gauge, Add	*18.43*	
		For 20 Gauge, Add	*30.05*	
		For 18 Gauge, Add	*46.08*	
		For 16 Gauge, Add	*56.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.65*	
		For Work In Restricted Working Space, Add	*100.16*	
23 31 13 16-0106	EA	18" x 18" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	418.18	94.67
		For 24 Gauge, Add	*8.34*	
		For 22 Gauge, Add	*19.17*	
		For 20 Gauge, Add	*31.26*	
		For 18 Gauge, Add	*47.93*	
		For 16 Gauge, Add	*58.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.84*	
		For Work In Restricted Working Space, Add	*112.95*	
23 31 13 16-0107	EA	20" x 20" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	474.79	107.94
		For 24 Gauge, Add	*8.64*	
		For 22 Gauge, Add	*19.87*	
		For 20 Gauge, Add	*32.40*	
		For 18 Gauge, Add	*49.68*	
		For 16 Gauge, Add	*60.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.97*	
		For Work In Restricted Working Space, Add	*129.48*	
23 31 13 16-0108	EA	22" x 22" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	530.24	119.44
		For 24 Gauge, Add	*10.40*	
		For 22 Gauge, Add	*23.92*	
		For 20 Gauge, Add	*38.99*	
		For 18 Gauge, Add	*59.79*	
		For 16 Gauge, Add	*72.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.47*	
		For Work In Restricted Working Space, Add	*143.48*	
23 31 13 16-0109	EA	24" x 24" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	574.14	130.06
		For 24 Gauge, Add	*10.74*	
		For 22 Gauge, Add	*24.70*	
		For 20 Gauge, Add	*40.27*	
		For 18 Gauge, Add	*61.74*	
		For 16 Gauge, Add	*75.17*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.73*	
		For Work In Restricted Working Space, Add	*156.14*	
23 31 13 16-0110	EA	8" x 8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	186.53	40.08
		For 24 Gauge, Add	*5.23*	
		For 22 Gauge, Add	*12.02*	
		For 20 Gauge, Add	*19.60*	
		For 18 Gauge, Add	*30.05*	
		For 16 Gauge, Add	*36.58*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.34*	
		For Work In Restricted Working Space, Add	*48.12*	
23 31 13 16-0111	EA	10" x 10" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	225.83	48.22
		For 24 Gauge, Add	*6.60*	
		For 22 Gauge, Add	*15.18*	
		For 20 Gauge, Add	*24.74*	
		For 18 Gauge, Add	*37.94*	
		For 16 Gauge, Add	*46.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.41*	
		For Work In Restricted Working Space, Add	*57.85*	
23 31 13 16-0112	EA	12" x 12" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	274.36	58.57
		For 24 Gauge, Add	*8.01*	
		For 22 Gauge, Add	*18.42*	
		For 20 Gauge, Add	*30.04*	
		For 18 Gauge, Add	*46.06*	
		For 16 Gauge, Add	*56.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.64*	
		For Work In Restricted Working Space, Add	*70.29*	
23 31 13 16-0113	EA	14" x 14" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	326.62	69.63
		For 24 Gauge, Add	*9.54*	
		For 22 Gauge, Add	*21.94*	
		For 20 Gauge, Add	*35.77*	
		For 18 Gauge, Add	*54.84*	
		For 16 Gauge, Add	*66.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.29*	
		For Work In Restricted Working Space, Add	*83.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0114	EA	16" x 16" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	413.19	89.54
		For 24 Gauge, Add	*11.06*	
		For 22 Gauge, Add	*25.43*	
		For 20 Gauge, Add	*41.46*	
		For 18 Gauge, Add	*63.57*	
		For 16 Gauge, Add	*77.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.91*	
		For Work In Restricted Working Space, Add	*107.37*	
23 31 13 16-0115	EA	18" x 18" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	459.06	99.35
		For 24 Gauge, Add	*12.39*	
		For 22 Gauge, Add	*28.50*	
		For 20 Gauge, Add	*46.46*	
		For 18 Gauge, Add	*71.24*	
		For 16 Gauge, Add	*86.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.84*	
		For Work In Restricted Working Space, Add	*119.13*	
23 31 13 16-0116	EA	20" x 20" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	521.92	113.07
		For 24 Gauge, Add	*14.10*	
		For 22 Gauge, Add	*32.43*	
		For 20 Gauge, Add	*52.88*	
		For 18 Gauge, Add	*81.09*	
		For 16 Gauge, Add	*98.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.18*	
		For Work In Restricted Working Space, Add	*135.42*	
23 31 13 16-0117	EA	22" x 22" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	560.49	120.60
		For 24 Gauge, Add	*15.72*	
		For 22 Gauge, Add	*36.15*	
		For 20 Gauge, Add	*58.94*	
		For 18 Gauge, Add	*90.38*	
		For 16 Gauge, Add	*110.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*58.16*	
		For Work In Restricted Working Space, Add	*144.57*	
23 31 13 16-0118	EA	24" x 24" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	608.07	130.77
		For 24 Gauge, Add	*17.03*	
		For 22 Gauge, Add	*39.17*	
		For 20 Gauge, Add	*63.87*	
		For 18 Gauge, Add	*97.93*	
		For 16 Gauge, Add	*119.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*63.02*	
		For Work In Restricted Working Space, Add	*156.87*	
23 31 13 16-0119	EA	10" x 10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	246.82	53.08
		For 24 Gauge, Add	*6.95*	
		For 22 Gauge, Add	*15.99*	
		For 20 Gauge, Add	*26.06*	
		For 18 Gauge, Add	*39.96*	
		For 16 Gauge, Add	*48.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.72*	
		For Work In Restricted Working Space, Add	*63.62*	
23 31 13 16-0120	EA	12" x 12" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	299.94	64.59
		For 24 Gauge, Add	*8.43*	
		For 22 Gauge, Add	*19.38*	
		For 20 Gauge, Add	*31.61*	
		For 18 Gauge, Add	*48.46*	
		For 16 Gauge, Add	*59.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.18*	
		For Work In Restricted Working Space, Add	*77.34*	
23 31 13 16-0121	EA	14" x 14" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	357.01	76.53
		For 24 Gauge, Add	*10.04*	
		For 22 Gauge, Add	*23.10*	
		For 20 Gauge, Add	*37.67*	
		For 18 Gauge, Add	*57.75*	
		For 16 Gauge, Add	*70.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.16*	
		For Work In Restricted Working Space, Add	*92.04*	
23 31 13 16-0122	EA	16" x 16" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	414.39	89.18
		For 24 Gauge, Add	*11.64*	
		For 22 Gauge, Add	*26.77*	
		For 20 Gauge, Add	*43.65*	
		For 18 Gauge, Add	*66.93*	
		For 16 Gauge, Add	*81.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*43.07*	
		For Work In Restricted Working Space, Add	*106.86*	
23 31 13 16-0123	EA	18" x 18" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	463.76	99.72
		For 24 Gauge, Add	*13.04*	
		For 22 Gauge, Add	*30.00*	
		For 20 Gauge, Add	*48.91*	
		For 18 Gauge, Add	*74.99*	
		For 16 Gauge, Add	*91.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*48.26*	
		For Work In Restricted Working Space, Add	*119.57*	
23 31 13 16-0124	EA	20" x 20" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	527.47	113.42
		For 24 Gauge, Add	*14.84*	
		For 22 Gauge, Add	*34.14*	
		For 20 Gauge, Add	*55.66*	
		For 18 Gauge, Add	*85.34*	
		For 16 Gauge, Add	*103.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.92*	
		For Work In Restricted Working Space, Add	*135.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0125	EA	22" x 22" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	588.89	126.53
		For 24 Gauge, Add	*16.55*	
		For 22 Gauge, Add	*38.06*	
		For 20 Gauge, Add	*62.05*	
		For 18 Gauge, Add	*95.14*	
		For 16 Gauge, Add	*115.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*61.22*	
		For Work In Restricted Working Space, Add	*151.85*	
23 31 13 16-0126	EA	24" x 24" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	638.50	137.31
		For 24 Gauge, Add	*17.93*	
		For 22 Gauge, Add	*41.23*	
		For 20 Gauge, Add	*67.23*	
		For 18 Gauge, Add	*103.09*	
		For 16 Gauge, Add	*125.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.33*	
		For Work In Restricted Working Space, Add	*164.66*	

23 31 13 16-0127 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0062)*

23 31 13 16-0128	EA	6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	81.46	17.69
		For 24 Gauge, Add	*2.13*	
		For 22 Gauge, Add	*4.91*	
		For 20 Gauge, Add	*8.00*	
		For 18 Gauge, Add	*12.27*	
		For 16 Gauge, Add	*14.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.90*	
		For Work In Restricted Working Space, Add	*21.24*	
23 31 13 16-0129	EA	8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	104.88	23.00
		For 24 Gauge, Add	*2.35*	
		For 22 Gauge, Add	*5.40*	
		For 20 Gauge, Add	*8.81*	
		For 18 Gauge, Add	*13.50*	
		For 16 Gauge, Add	*16.44*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.69*	
		For Work In Restricted Working Space, Add	*27.94*	
23 31 13 16-0130	EA	10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	130.97	29.19
		For 24 Gauge, Add	*2.60*	
		For 22 Gauge, Add	*5.98*	
		For 20 Gauge, Add	*9.75*	
		For 18 Gauge, Add	*14.95*	
		For 16 Gauge, Add	*18.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.62*	
		For Work In Restricted Working Space, Add	*35.39*	
23 31 13 16-0131	EA	12" x 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	161.71	37.16
		For 24 Gauge, Add	*2.85*	
		For 22 Gauge, Add	*6.56*	
		For 20 Gauge, Add	*10.69*	
		For 18 Gauge, Add	*16.39*	
		For 16 Gauge, Add	*19.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.55*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0132	EA	14" x 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	176.73	40.70
		For 24 Gauge, Add	*3.17*	
		For 22 Gauge, Add	*7.30*	
		For 20 Gauge, Add	*11.90*	
		For 18 Gauge, Add	*18.25*	
		For 16 Gauge, Add	*22.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.74*	
		For Work In Restricted Working Space, Add	*48.26*	
23 31 13 16-0133	EA	16" x 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	217.71	47.78
		For 24 Gauge, Add	*5.49*	
		For 22 Gauge, Add	*12.62*	
		For 20 Gauge, Add	*20.57*	
		For 18 Gauge, Add	*31.54*	
		For 16 Gauge, Add	*38.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.30*	
		For Work In Restricted Working Space, Add	*57.08*	
23 31 13 16-0134	EA	18" x 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	265.24	59.28
		For 24 Gauge, Add	*5.86*	
		For 22 Gauge, Add	*13.48*	
		For 20 Gauge, Add	*21.98*	
		For 18 Gauge, Add	*33.71*	
		For 16 Gauge, Add	*41.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.69*	
		For Work In Restricted Working Space, Add	*70.78*	
23 31 13 16-0135	EA	20" x 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	316.69	71.67
		For 24 Gauge, Add	*6.26*	
		For 22 Gauge, Add	*14.39*	
		For 20 Gauge, Add	*23.46*	
		For 18 Gauge, Add	*35.97*	
		For 16 Gauge, Add	*43.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.15*	
		For Work In Restricted Working Space, Add	*85.62*	
23 31 13 16-0136	EA	22" x 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	367.12	83.16
		For 24 Gauge, Add	*6.65*	
		For 22 Gauge, Add	*15.30*	
		For 20 Gauge, Add	*24.94*	
		For 18 Gauge, Add	*38.24*	
		For 16 Gauge, Add	*46.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.61*	
		For Work In Restricted Working Space, Add	*100.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0137	EA	24" x 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	411.55	94.67
		For 24 Gauge, Add	*7.01*	
		For 22 Gauge, Add	*16.12*	
		For 20 Gauge, Add	*26.29*	
		For 18 Gauge, Add	*40.31*	
		For 16 Gauge, Add	*49.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.94*	
		For Work In Restricted Working Space, Add	*112.95*	

23 31 13 16-0138 26 Gauge, Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0062)*

23 31 13 16-0139	EA	4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	52.87	12.39
		For 24 Gauge, Add	*1.01*	
		For 22 Gauge, Add	*2.32*	
		For 20 Gauge, Add	*3.79*	
		For 18 Gauge, Add	*5.81*	
		For 16 Gauge, Add	*7.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.74*	
		For Work In Restricted Working Space, Add	*14.35*	
23 31 13 16-0140	EA	6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	76.53	17.69
		For 24 Gauge, Add	*1.15*	
		For 22 Gauge, Add	*2.64*	
		For 20 Gauge, Add	*4.31*	
		For 18 Gauge, Add	*6.60*	
		For 16 Gauge, Add	*8.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.25*	
		For Work In Restricted Working Space, Add	*21.24*	
23 31 13 16-0141	EA	8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	99.32	23.00
		For 24 Gauge, Add	*1.24*	
		For 22 Gauge, Add	*2.84*	
		For 20 Gauge, Add	*4.64*	
		For 18 Gauge, Add	*7.11*	
		For 16 Gauge, Add	*8.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.57*	
		For Work In Restricted Working Space, Add	*27.94*	
23 31 13 16-0142	EA	10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	124.60	29.19
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*3.05*	
		For 20 Gauge, Add	*4.97*	
		For 18 Gauge, Add	*7.62*	
		For 16 Gauge, Add	*9.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.91*	
		For Work In Restricted Working Space, Add	*35.39*	
23 31 13 16-0143	EA	12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	154.54	37.16
		For 24 Gauge, Add	*1.42*	
		For 22 Gauge, Add	*3.26*	
		For 20 Gauge, Add	*5.31*	
		For 18 Gauge, Add	*8.14*	
		For 16 Gauge, Add	*9.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.24*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0144	EA	14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	168.39	40.70
		For 24 Gauge, Add	*1.51*	
		For 22 Gauge, Add	*3.46*	
		For 20 Gauge, Add	*5.65*	
		For 18 Gauge, Add	*8.66*	
		For 16 Gauge, Add	*10.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.57*	
		For Work In Restricted Working Space, Add	*48.26*	
23 31 13 16-0145	EA	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	198.62	47.78
		For 24 Gauge, Add	*1.67*	
		For 22 Gauge, Add	*3.84*	
		For 20 Gauge, Add	*6.26*	
		For 18 Gauge, Add	*9.59*	
		For 16 Gauge, Add	*11.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.17*	
		For Work In Restricted Working Space, Add	*57.08*	
23 31 13 16-0146	EA	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	244.71	59.28
		For 24 Gauge, Add	*1.76*	
		For 22 Gauge, Add	*4.04*	
		For 20 Gauge, Add	*6.59*	
		For 18 Gauge, Add	*10.10*	
		For 16 Gauge, Add	*12.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.50*	
		For Work In Restricted Working Space, Add	*70.78*	
23 31 13 16-0147	EA	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	294.73	71.67
		For 24 Gauge, Add	*1.86*	
		For 22 Gauge, Add	*4.29*	
		For 20 Gauge, Add	*6.99*	
		For 18 Gauge, Add	*10.72*	
		For 16 Gauge, Add	*13.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.90*	
		For Work In Restricted Working Space, Add	*85.62*	
23 31 13 16-0148	EA	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	343.55	167.22
		For 24 Gauge, Add	*1.94*	
		For 22 Gauge, Add	*4.45*	
		For 20 Gauge, Add	*7.26*	
		For 18 Gauge, Add	*11.13*	
		For 16 Gauge, Add	*13.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.16*	
		For Work In Restricted Working Space, Add	*100.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0149	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	386.72	188.46
		For 24 Gauge, Add	*2.04*	
		For 22 Gauge, Add	*4.70*	
		For 20 Gauge, Add	*7.67*	
		For 18 Gauge, Add	*11.75*	
		For 16 Gauge, Add	*14.31*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.56*	
		For Work In Restricted Working Space, Add	*112.95*	

23 31 13 16-0150 26 Gauge, Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0062)*

23 31 13 16-0151	EA	4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	29.83	12.39
		For 24 Gauge, Add	*1.18*	
		For 22 Gauge, Add	*2.72*	
		For 20 Gauge, Add	*4.44*	
		For 18 Gauge, Add	*6.81*	
		For 16 Gauge, Add	*8.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.38*	
		For Work In Restricted Working Space, Add	*7.17*	
23 31 13 16-0152	EA	6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	42.02	17.69
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*3.05*	
		For 20 Gauge, Add	*4.97*	
		For 18 Gauge, Add	*7.62*	
		For 16 Gauge, Add	*9.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.91*	
		For Work In Restricted Working Space, Add	*10.62*	
23 31 13 16-0153	EA	8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	53.82	23.89
		For 24 Gauge, Add	*1.45*	
		For 22 Gauge, Add	*3.34*	
		For 20 Gauge, Add	*5.45*	
		For 18 Gauge, Add	*8.35*	
		For 16 Gauge, Add	*10.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.37*	
		For Work In Restricted Working Space, Add	*13.97*	
23 31 13 16-0154	EA	10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	67.05	30.08
		For 24 Gauge, Add	*1.61*	
		For 22 Gauge, Add	*3.71*	
		For 20 Gauge, Add	*6.05*	
		For 18 Gauge, Add	*9.28*	
		For 16 Gauge, Add	*11.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.97*	
		For Work In Restricted Working Space, Add	*17.69*	
23 31 13 16-0155	EA	12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	82.69	37.16
		For 24 Gauge, Add	*1.79*	
		For 22 Gauge, Add	*4.12*	
		For 20 Gauge, Add	*6.72*	
		For 18 Gauge, Add	*10.30*	
		For 16 Gauge, Add	*12.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.63*	
		For Work In Restricted Working Space, Add	*22.12*	
23 31 13 16-0156	EA	14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	90.30	40.70
		For 24 Gauge, Add	*1.97*	
		For 22 Gauge, Add	*4.54*	
		For 20 Gauge, Add	*7.40*	
		For 18 Gauge, Add	*11.34*	
		For 16 Gauge, Add	*13.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.30*	
		For Work In Restricted Working Space, Add	*24.13*	
23 31 13 16-0157	EA	16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	104.52	46.89
		For 24 Gauge, Add	*2.28*	
		For 22 Gauge, Add	*5.23*	
		For 20 Gauge, Add	*8.54*	
		For 18 Gauge, Add	*13.09*	
		For 16 Gauge, Add	*15.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.42*	
		For Work In Restricted Working Space, Add	*27.94*	
23 31 13 16-0158	EA	18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	156.33	59.28
		For 24 Gauge, Add	*7.67*	
		For 22 Gauge, Add	*17.65*	
		For 20 Gauge, Add	*28.77*	
		For 18 Gauge, Add	*44.11*	
		For 16 Gauge, Add	*53.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.39*	
		For Work In Restricted Working Space, Add	*35.39*	
23 31 13 16-0159	EA	20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	189.05	73.43
		For 24 Gauge, Add	*8.32*	
		For 22 Gauge, Add	*19.13*	
		For 20 Gauge, Add	*31.19*	
		For 18 Gauge, Add	*47.83*	
		For 16 Gauge, Add	*58.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.78*	
		For Work In Restricted Working Space, Add	*44.24*	
23 31 13 16-0160	EA	22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	205.68	80.52
		For 24 Gauge, Add	*8.96*	
		For 22 Gauge, Add	*20.62*	
		For 20 Gauge, Add	*33.62*	
		For 18 Gauge, Add	*51.54*	
		For 16 Gauge, Add	*62.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.17*	
		For Work In Restricted Working Space, Add	*48.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0161	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	236.37	93.79
		For 24 Gauge, Add	*9.63*	
		For 22 Gauge, Add	*22.14*	
		For 20 Gauge, Add	*36.10*	
		For 18 Gauge, Add	*55.35*	
		For 16 Gauge, Add	*67.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.62*	
		For Work In Restricted Working Space, Add	*56.47*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	33.30	26.48
		For Work In Restricted Working Space, Add	*9.68*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	20.29	8.03
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.11*	
		For Work In Restricted Working Space, Add	*4.83*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	17.49	8.27
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.70*	
		For Work In Restricted Working Space, Add	*4.97*	

23 31 13 33 Duct Boots *(23 31 13)*

23 31 13 33-0001 Duct Register Boots *(23 31 13 33)*

23 31 13 33-0002	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	33.92	12.01
		For Stainless Steel, Add	*12.87*	
23 31 13 33-0003	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	33.92	12.01
		For Stainless Steel, Add	*12.87*	
23 31 13 33-0004	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	36.06	12.97
		For Stainless Steel, Add	*13.16*	
23 31 13 33-0005	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	36.06	12.97
		For Stainless Steel, Add	*13.16*	
23 31 13 33-0006	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	38.51	12.97
		For Stainless Steel, Add	*16.34*	
23 31 13 33-0007	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	39.21	13.93
		For Stainless Steel, Add	*14.74*	
23 31 13 33-0008	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	39.21	13.93
		For Stainless Steel, Add	*14.74*	
23 31 13 33-0009	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	40.72	13.93
		For Stainless Steel, Add	*16.71*	
23 31 13 33-0010	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	38.70	14.89
		For Stainless Steel, Add	*11.58*	
23 31 13 33-0011	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	40.89	15.85
		For Stainless Steel, Add	*11.93*	
23 31 13 33-0012	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	47.12	15.85
		For Stainless Steel, Add	*20.03*	
23 31 13 33-0013	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	43.36	16.81
		For Stainless Steel, Add	*12.65*	
23 31 13 33-0014	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	49.46	16.81
		For Stainless Steel, Add	*20.58*	
23 31 13 33-0015	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	34.59	12.97
		For Stainless Steel, Add	*11.25*	
23 31 13 33-0016	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	34.59	12.97
		For Stainless Steel, Add	*11.25*	
23 31 13 33-0017	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	37.51	13.93
		For Stainless Steel, Add	*12.53*	
23 31 13 33-0018	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	38.96	13.93
		For Stainless Steel, Add	*14.42*	
23 31 13 33-0019	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	38.90	14.89
		For Stainless Steel, Add	*11.84*	
23 31 13 33-0020	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	41.06	15.85
		For Stainless Steel, Add	*12.16*	
23 31 13 33-0021	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	35.58	12.97
		For Stainless Steel, Add	*12.53*	
23 31 13 33-0022	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	38.10	13.93
		For Stainless Steel, Add	*13.30*	
23 31 13 33-0023	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	33.92	12.01
		For Stainless Steel, Add	*12.87*	
23 31 13 33-0024	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	36.06	12.97
		For Stainless Steel, Add	*13.16*	
23 31 13 33-0025	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	39.21	13.93
		For Stainless Steel, Add	*14.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 33-0026	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	39.21	13.93
		For Stainless Steel, Add	*14.74*	
23 31 13 33-0027	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	38.70	14.89
		For Stainless Steel, Add	*11.58*	
23 31 13 33-0028	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	40.89	15.85
		For Stainless Steel, Add	*11.93*	
23 31 13 33-0029	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	47.12	15.85
		For Stainless Steel, Add	*20.03*	
23 31 13 33-0030	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	49.04	16.81
		For Stainless Steel, Add	*20.03*	

23 31 16 Nonmetal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	7.80	1.65
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	9.04	1.82
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	10.36	2.00

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Round Fiber Reinforced Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Round Fiber Reinforced Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	13.25	4.47
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	16.55	5.22
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	22.53	7.67
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	29.79	9.68
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	37.73	12.13
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	45.49	14.57
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	51.30	17.02
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	58.42	18.62
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	63.10	19.80
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	78.10	22.23
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	82.22	23.83
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	100.83	25.43
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	115.54	29.48
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	133.61	35.55
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	177.49	39.58
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	198.86	44.48
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	221.13	50.96
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	251.21	59.46
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	270.79	72.78
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	330.46	88.95

23 31 16 16-0023 Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	55.09	18.11
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	66.55	21.48
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	76.48	25.27
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	100.40	33.70
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	121.97	42.11
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	141.18	50.53
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	175.04	62.75
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	187.33	67.38
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	203.00	72.01
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	218.67	77.49
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	239.23	84.23
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	279.66	92.65
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	327.17	101.08
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	371.32	113.71
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	415.46	126.34
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	459.59	138.98
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	572.81	168.46
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	680.63	210.57
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	816.70	252.69
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	936.10	286.38

23 31 16 16-0044 Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	92.83	18.11
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	106.65	21.48
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	121.30	25.27
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	157.02	33.70
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	190.38	42.11
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	223.74	50.53
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	262.32	62.75
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	293.49	67.38
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	320.95	72.01
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	341.33	77.49
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	357.17	84.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	421.19	92.65
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	463.99	101.08
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	576.55	113.71
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	641.92	126.34
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	730.86	138.98
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	855.88	168.46
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,017.95	210.57
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,179.98	252.69
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,351.27	286.38
23 31 16 16-0065		**Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	150.62	43.63
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	176.57	52.13
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	204.86	60.65
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	264.50	80.86
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	324.15	101.08
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	383.81	121.29
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	470.75	150.86
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	537.45	159.69
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	614.62	173.43
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	739.31	185.98
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	855.93	202.15
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	995.77	222.37
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,359.67	242.58
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,752.30	272.90
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,321.80	303.31
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,761.62	333.63
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,268.62	404.30
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	3,956.04	505.37
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	4,643.14	606.28
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,296.71	687.06
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	124.67	43.63
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	145.90	52.13
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	169.46	60.65
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	212.60	80.86
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	255.74	101.08
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	303.65	121.29
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	374.09	150.86
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	407.64	159.69
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	491.80	173.34
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	569.69	186.14
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	662.45	202.15
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	766.58	222.20
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	981.94	242.42
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,207.78	273.15
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,550.81	303.48
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,829.86	333.63
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,178.81	404.30
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,606.75	505.37
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,060.73	605.10
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,458.01	687.73
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	191.05	65.11
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	225.08	78.41
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	257.76	90.96
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	331.91	121.29
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	404.70	150.86
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	481.48	182.78
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	581.53	221.52
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	635.46	239.72
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	740.65	260.44
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	842.36	278.97
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	977.23	303.31
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,122.19	333.63
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,349.37	363.78
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,626.13	409.53
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,173.61	455.01
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,603.46	500.57
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,134.41	606.87
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	3,740.79	758.41
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,346.69	909.60
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	4,903.49	1,031.39
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	155.66	65.11
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	182.60	78.41
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	208.24	90.96
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	263.55	121.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	317.48	150.86
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	380.08	182.78
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	454.35	221.69
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	493.55	239.55
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	542.69	260.52
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	588.02	279.22
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	642.64	303.48
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	711.74	333.63
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	787.61	363.62
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	889.71	409.28
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	994.72	455.26
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,093.43	500.41
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,303.35	605.10
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,584.67	759.75
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	1,918.11	910.27
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,143.57	1,031.39

23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	134.13	43.71
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	157.74	52.23
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	186.04	60.65
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	238.55	80.86
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	286.40	101.08
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	344.49	121.79
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	407.12	150.86
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	435.95	159.69
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	482.36	173.34
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	531.95	186.14
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	596.40	202.15
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	682.42	222.62
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	768.22	243.00
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	870.46	273.15
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	972.88	303.48
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,098.60	333.63
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,298.94	404.30
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,542.88	505.37
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,716.16	605.10
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	1,924.73	687.73

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	162.44	43.71
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	176.61	52.23
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	204.91	60.65
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	264.50	80.86
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	324.15	101.08
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	384.60	121.79
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	459.01	150.86
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	502.00	159.69
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	548.41	173.34
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	621.58	186.14
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	794.55	202.15
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	972.57	222.62
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,041.85	243.00
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,186.55	273.15
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,284.26	303.48
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,405.25	333.63
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,546.62	404.30
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,776.41	505.37
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	1,975.64	605.10
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,160.62	687.73

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	296.87	43.63
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	334.61	52.13
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	372.34	60.65
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	441.42	80.86
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	522.30	101.08
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	591.39	121.29
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	675.97	150.86
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	749.75	159.69
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	831.64	173.43
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	911.51	185.98
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	973.87	202.15
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,101.92	222.37
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,277.11	242.58
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,469.23	272.90
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	1,684.90	303.31
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	1,877.03	333.63
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	2,207.11	404.30
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	2,587.88	505.37
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	2,944.73	606.28
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	3,386.01	687.06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction *(23 33 13 13)*

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	43.73		7.69
		For Stainless Steel, Add	*18.08*		
		For Parallel Blade Damper, Add	*5.56*		
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	48.71		8.65
		For Stainless Steel, Add	*18.36*		
		For Parallel Blade Damper, Add	*5.65*		
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	54.48		9.61
		For Stainless Steel, Add	*18.54*		
		For Parallel Blade Damper, Add	*5.70*		
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	59.50		11.53
		For Stainless Steel, Add	*19.71*		
		For Parallel Blade Damper, Add	*6.06*		
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	65.46		12.49
		For Stainless Steel, Add	*20.87*		
		For Parallel Blade Damper, Add	*6.42*		
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	74.56		13.45
		For Stainless Steel, Add	*26.66*		
		For Parallel Blade Damper, Add	*8.20*		
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	81.93		14.42
		For Stainless Steel, Add	*28.98*		
		For Parallel Blade Damper, Add	*8.92*		
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	87.23		16.34
		For Stainless Steel, Add	*30.13*		
		For Parallel Blade Damper, Add	*9.27*		
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	95.03		17.29
		For Stainless Steel, Add	*33.61*		
		For Parallel Blade Damper, Add	*10.34*		
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	107.30		19.21
		For Stainless Steel, Add	*41.73*		
		For Parallel Blade Damper, Add	*12.84*		
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	115.17		19.21
		For Stainless Steel, Add	*47.52*		
		For Parallel Blade Damper, Add	*14.62*		
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	129.27		22.10
		For Stainless Steel, Add	*55.63*		
		For Parallel Blade Damper, Add	*17.12*		
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	137.66		23.06
		For Stainless Steel, Add	*60.62*		
		For Parallel Blade Damper, Add	*18.65*		

23 33 13 13-0015 Rectangular Opposed Blade Damper *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	60.75		10.67
		For Stainless Steel, Add	*37.38*		
		For Parallel Blade Damper, Add	*11.50*		
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	64.23		11.14
		For Stainless Steel, Add	*40.03*		
		For Parallel Blade Damper, Add	*12.32*		
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	66.47		11.24
		For Stainless Steel, Add	*42.69*		
		For Parallel Blade Damper, Add	*13.14*		
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	66.47		11.24
		For Stainless Steel, Add	*42.69*		
		For Parallel Blade Damper, Add	*13.14*		
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	69.50		11.54
		For Stainless Steel, Add	*45.37*		
		For Parallel Blade Damper, Add	*13.96*		
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.43		12.78
		For Stainless Steel, Add	*50.69*		
		For Parallel Blade Damper, Add	*15.60*		
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	69.50		11.54
		For Stainless Steel, Add	*45.37*		
		For Parallel Blade Damper, Add	*13.96*		
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	75.51		12.21
		For Stainless Steel, Add	*50.69*		
		For Parallel Blade Damper, Add	*15.60*		
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	79.50		12.78
		For Stainless Steel, Add	*53.38*		
		For Parallel Blade Damper, Add	*16.42*		
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	86.37		14.41
		For Stainless Steel, Add	*56.06*		
		For Parallel Blade Damper, Add	*17.25*		
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	74.50		12.21
		For Stainless Steel, Add	*49.37*		
		For Parallel Blade Damper, Add	*15.19*		
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	79.50		12.78
		For Stainless Steel, Add	*53.38*		
		For Parallel Blade Damper, Add	*16.42*		
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	83.48		13.46
		For Stainless Steel, Add	*56.06*		
		For Parallel Blade Damper, Add	*17.25*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	88.42	14.41
		For Stainless Steel, Add	*58.72*	
		For Parallel Blade Damper, Add	*18.07*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	98.35	16.05
		For Stainless Steel, Add	*65.39*	
		For Parallel Blade Damper, Add	*20.12*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	79.50	12.78
		For Stainless Steel, Add	*53.38*	
		For Parallel Blade Damper, Add	*16.42*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	84.45	13.74
		For Stainless Steel, Add	*56.06*	
		For Parallel Blade Damper, Add	*17.25*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	90.34	15.09
		For Stainless Steel, Add	*58.72*	
		For Parallel Blade Damper, Add	*18.07*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	95.27	16.05
		For Stainless Steel, Add	*61.39*	
		For Parallel Blade Damper, Add	*18.89*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	105.23	17.59
		For Stainless Steel, Add	*68.08*	
		For Parallel Blade Damper, Add	*20.95*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.15	19.22
		For Stainless Steel, Add	*74.74*	
		For Parallel Blade Damper, Add	*23.00*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	83.48	13.46
		For Stainless Steel, Add	*56.06*	
		For Parallel Blade Damper, Add	*17.25*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	89.44	14.41
		For Stainless Steel, Add	*60.05*	
		For Parallel Blade Damper, Add	*18.48*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	97.33	16.05
		For Stainless Steel, Add	*64.06*	
		For Parallel Blade Damper, Add	*19.71*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.28	17.59
		For Stainless Steel, Add	*70.75*	
		For Parallel Blade Damper, Add	*21.77*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	116.18	19.22
		For Stainless Steel, Add	*76.08*	
		For Parallel Blade Damper, Add	*23.41*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	126.11	20.76
		For Stainless Steel, Add	*82.73*	
		For Parallel Blade Damper, Add	*25.46*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.00	22.39
		For Stainless Steel, Add	*86.75*	
		For Parallel Blade Damper, Add	*26.69*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	88.42	14.41
		For Stainless Steel, Add	*58.72*	
		For Parallel Blade Damper, Add	*18.07*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	97.32	16.05
		For Stainless Steel, Add	*64.05*	
		For Parallel Blade Damper, Add	*19.71*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	106.24	17.59
		For Stainless Steel, Add	*69.39*	
		For Parallel Blade Damper, Add	*21.35*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	119.26	19.22
		For Stainless Steel, Add	*80.08*	
		For Parallel Blade Damper, Add	*24.64*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	127.16	20.76
		For Stainless Steel, Add	*84.10*	
		For Parallel Blade Damper, Add	*25.88*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	135.04	22.39
		For Stainless Steel, Add	*88.10*	
		For Parallel Blade Damper, Add	*27.11*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.94	24.03
		For Stainless Steel, Add	*93.42*	
		For Parallel Blade Damper, Add	*28.74*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	152.85	25.57
		For Stainless Steel, Add	*98.75*	
		For Parallel Blade Damper, Add	*30.38*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	99.38	16.05
		For Stainless Steel, Add	*66.73*	
		For Parallel Blade Damper, Add	*20.53*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	110.35	17.59
		For Stainless Steel, Add	*74.74*	
		For Parallel Blade Damper, Add	*23.00*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	119.26	19.22
		For Stainless Steel, Add	*80.08*	
		For Parallel Blade Damper, Add	*24.64*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.24	20.76
		For Stainless Steel, Add	*88.10*	
		For Parallel Blade Damper, Add	*27.11*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	138.11	22.39
		For Stainless Steel, Add	*92.09*	
		For Parallel Blade Damper, Add	*28.34*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	146.00	24.03
		For Stainless Steel, Add	*96.10*	
		For Parallel Blade Damper, Add	*29.57*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	156.96	25.57
		For Stainless Steel, Add	*104.09*	
		For Parallel Blade Damper, Add	*32.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	172.71	28.83
		For Stainless Steel, Add	*112.09*	
		For Parallel Blade Damper, Add	*34.49*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.57	32.00
		For Stainless Steel, Add	*122.80*	
		For Parallel Blade Damper, Add	*37.78*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	110.35	17.59
		For Stainless Steel, Add	*74.74*	
		For Parallel Blade Damper, Add	*23.00*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	119.26	19.22
		For Stainless Steel, Add	*80.08*	
		For Parallel Blade Damper, Add	*24.64*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.24	20.76
		For Stainless Steel, Add	*88.10*	
		For Parallel Blade Damper, Add	*27.11*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.13	22.39
		For Stainless Steel, Add	*93.42*	
		For Parallel Blade Damper, Add	*28.74*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	149.07	24.03
		For Stainless Steel, Add	*100.09*	
		For Parallel Blade Damper, Add	*30.80*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	159.00	25.57
		For Stainless Steel, Add	*106.74*	
		For Parallel Blade Damper, Add	*32.84*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.77	28.83
		For Stainless Steel, Add	*114.76*	
		For Parallel Blade Damper, Add	*35.31*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.57	32.00
		For Stainless Steel, Add	*122.80*	
		For Parallel Blade Damper, Add	*37.78*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	207.67	33.63
		For Stainless Steel, Add	*138.79*	
		For Parallel Blade Damper, Add	*42.70*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.54	36.81
		For Stainless Steel, Add	*152.13*	
		For Parallel Blade Damper, Add	*46.81*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	125.43	19.22
		For Stainless Steel, Add	*88.10*	
		For Parallel Blade Damper, Add	*27.11*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	132.28	20.76
		For Stainless Steel, Add	*90.75*	
		For Parallel Blade Damper, Add	*27.92*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.13	22.39
		For Stainless Steel, Add	*93.42*	
		For Parallel Blade Damper, Add	*28.74*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.04	24.03
		For Stainless Steel, Add	*98.75*	
		For Parallel Blade Damper, Add	*30.38*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	159.40	25.57
		For Stainless Steel, Add	*107.26*	
		For Parallel Blade Damper, Add	*33.00*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.77	28.83
		For Stainless Steel, Add	*114.76*	
		For Parallel Blade Damper, Add	*35.31*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.62	32.00
		For Stainless Steel, Add	*125.46*	
		For Parallel Blade Damper, Add	*38.60*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.43	35.17
		For Stainless Steel, Add	*136.14*	
		For Parallel Blade Damper, Add	*41.89*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.54	36.81
		For Stainless Steel, Add	*152.13*	
		For Parallel Blade Damper, Add	*46.81*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	249.61	39.40
		For Stainless Steel, Add	*170.83*	
		For Parallel Blade Damper, Add	*52.56*	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	272.77	41.62
		For Stainless Steel, Add	*192.19*	
		For Parallel Blade Damper, Add	*59.14*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	136.39	20.76
		For Stainless Steel, Add	*96.10*	
		For Parallel Blade Damper, Add	*29.57*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	145.29	22.39
		For Stainless Steel, Add	*101.43*	
		For Parallel Blade Damper, Add	*31.21*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.19	24.03
		For Stainless Steel, Add	*106.74*	
		For Parallel Blade Damper, Add	*32.84*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.17	25.57
		For Stainless Steel, Add	*114.76*	
		For Parallel Blade Damper, Add	*35.31*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.87	28.83
		For Stainless Steel, Add	*118.79*	
		For Parallel Blade Damper, Add	*36.55*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	185.76	30.37
		For Stainless Steel, Add	*122.80*	
		For Parallel Blade Damper, Add	*37.78*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.43	35.17
		For Stainless Steel, Add	*136.14*	
		For Parallel Blade Damper, Add	*41.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.30	38.44
		For Stainless Steel, Add	*149.46*	
		For Parallel Blade Damper, Add	*45.99*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.47	39.69
		For Stainless Steel, Add	*165.49*	
		For Parallel Blade Damper, Add	*50.92*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	271.53	42.57
		For Stainless Steel, Add	*186.82*	
		For Parallel Blade Damper, Add	*57.48*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	292.64	44.79
		For Stainless Steel, Add	*205.52*	
		For Parallel Blade Damper, Add	*63.24*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.88	46.41
		For Stainless Steel, Add	*226.88*	
		For Parallel Blade Damper, Add	*69.81*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.23	24.03
		For Stainless Steel, Add	*98.75*	
		For Parallel Blade Damper, Add	*30.38*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	156.25	25.57
		For Stainless Steel, Add	*109.42*	
		For Parallel Blade Damper, Add	*33.67*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	163.11	27.20
		For Stainless Steel, Add	*112.09*	
		For Parallel Blade Damper, Add	*34.49*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.97	28.83
		For Stainless Steel, Add	*114.76*	
		For Parallel Blade Damper, Add	*35.31*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	186.77	30.37
		For Stainless Steel, Add	*124.11*	
		For Parallel Blade Damper, Add	*38.19*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.78	32.00
		For Stainless Steel, Add	*133.47*	
		For Parallel Blade Damper, Add	*41.07*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.39	36.81
		For Stainless Steel, Add	*144.13*	
		For Parallel Blade Damper, Add	*44.35*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.23	39.98
		For Stainless Steel, Add	*154.82*	
		For Parallel Blade Damper, Add	*47.64*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	259.23	42.57
		For Stainless Steel, Add	*170.83*	
		For Parallel Blade Damper, Add	*52.56*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	288.54	44.79
		For Stainless Steel, Add	*200.19*	
		For Parallel Blade Damper, Add	*61.60*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	308.52	47.38
		For Stainless Steel, Add	*216.18*	
		For Parallel Blade Damper, Add	*66.52*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	334.97	48.63
		For Stainless Steel, Add	*245.56*	
		For Parallel Blade Damper, Add	*75.56*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	363.20	51.22
		For Stainless Steel, Add	*272.26*	
		For Parallel Blade Damper, Add	*83.77*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	152.15	24.03
		For Stainless Steel, Add	*104.09*	
		For Parallel Blade Damper, Add	*32.03*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	165.17	25.57
		For Stainless Steel, Add	*114.76*	
		For Parallel Blade Damper, Add	*35.31*	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	176.15	27.20
		For Stainless Steel, Add	*122.80*	
		For Parallel Blade Damper, Add	*37.78*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.00	28.83
		For Stainless Steel, Add	*125.46*	
		For Parallel Blade Damper, Add	*38.60*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	196.02	30.37
		For Stainless Steel, Add	*136.14*	
		For Parallel Blade Damper, Add	*41.89*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.04	32.00
		For Stainless Steel, Add	*146.81*	
		For Parallel Blade Damper, Add	*45.17*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	238.53	38.44
		For Stainless Steel, Add	*160.16*	
		For Parallel Blade Damper, Add	*49.28*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	258.38	41.62
		For Stainless Steel, Add	*173.49*	
		For Parallel Blade Damper, Add	*53.38*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	288.54	44.79
		For Stainless Steel, Add	*200.19*	
		For Parallel Blade Damper, Add	*61.60*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	316.63	48.05
		For Stainless Steel, Add	*224.21*	
		For Parallel Blade Damper, Add	*68.99*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	346.76	51.22
		For Stainless Steel, Add	*250.89*	
		For Parallel Blade Damper, Add	*77.20*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	370.04	52.76
		For Stainless Steel, Add	*274.91*	
		For Parallel Blade Damper, Add	*84.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	393.33	54.40
		For Stainless Steel, Add	*298.94*	
		For Parallel Blade Damper, Add	*91.98*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	416.62	56.03
		For Stainless Steel, Add	*322.97*	
		For Parallel Blade Damper, Add	*99.38*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	163.11	25.57
		For Stainless Steel, Add	*112.09*	
		For Parallel Blade Damper, Add	*34.49*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	176.15	27.20
		For Stainless Steel, Add	*122.80*	
		For Parallel Blade Damper, Add	*37.78*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.00	28.83
		For Stainless Steel, Add	*125.46*	
		For Parallel Blade Damper, Add	*38.60*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.78	32.00
		For Stainless Steel, Add	*133.47*	
		For Parallel Blade Damper, Add	*41.07*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.58	35.17
		For Stainless Steel, Add	*144.13*	
		For Parallel Blade Damper, Add	*44.35*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	234.42	38.44
		For Stainless Steel, Add	*154.82*	
		For Parallel Blade Damper, Add	*47.64*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.34	41.62
		For Stainless Steel, Add	*170.83*	
		For Parallel Blade Damper, Add	*52.56*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	278.26	44.79
		For Stainless Steel, Add	*186.82*	
		For Parallel Blade Damper, Add	*57.48*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	306.36	48.05
		For Stainless Steel, Add	*210.86*	
		For Parallel Blade Damper, Add	*64.88*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	338.55	51.22
		For Stainless Steel, Add	*240.21*	
		For Parallel Blade Damper, Add	*73.91*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.85	52.76
		For Stainless Steel, Add	*264.26*	
		For Parallel Blade Damper, Add	*81.31*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	391.28	54.40
		For Stainless Steel, Add	*296.27*	
		For Parallel Blade Damper, Add	*91.16*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	419.37	57.57
		For Stainless Steel, Add	*320.29*	
		For Parallel Blade Damper, Add	*98.55*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	448.81	59.20
		For Stainless Steel, Add	*352.33*	
		For Parallel Blade Damper, Add	*108.41*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.65	64.01
		For Stainless Steel, Add	*373.67*	
		For Parallel Blade Damper, Add	*114.98*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.09	27.20
		For Stainless Steel, Add	*120.12*	
		For Parallel Blade Damper, Add	*36.96*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	187.10	28.83
		For Stainless Steel, Add	*130.79*	
		For Parallel Blade Damper, Add	*40.24*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	204.93	32.00
		For Stainless Steel, Add	*141.47*	
		For Parallel Blade Damper, Add	*43.53*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.58	35.17
		For Stainless Steel, Add	*144.13*	
		For Parallel Blade Damper, Add	*44.35*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	235.45	38.44
		For Stainless Steel, Add	*156.16*	
		For Parallel Blade Damper, Add	*48.05*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	254.29	41.62
		For Stainless Steel, Add	*168.17*	
		For Parallel Blade Damper, Add	*51.74*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.22	44.79
		For Stainless Steel, Add	*184.17*	
		For Parallel Blade Damper, Add	*56.67*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	298.15	48.05
		For Stainless Steel, Add	*200.19*	
		For Parallel Blade Damper, Add	*61.60*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	326.24	51.22
		For Stainless Steel, Add	*224.21*	
		For Parallel Blade Damper, Add	*68.99*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.48	54.40
		For Stainless Steel, Add	*256.23*	
		For Parallel Blade Damper, Add	*78.84*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	385.80	56.03
		For Stainless Steel, Add	*282.91*	
		For Parallel Blade Damper, Add	*87.05*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	417.32	57.57
		For Stainless Steel, Add	*317.63*	
		For Parallel Blade Damper, Add	*97.73*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	451.55	60.84
		For Stainless Steel, Add	*349.64*	
		For Parallel Blade Damper, Add	*107.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	479.65	64.01
		For Stainless Steel, Add	*373.67*	
		For Parallel Blade Damper, Add	*114.98*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	518.71	68.81
		For Stainless Steel, Add	*405.70*	
		For Parallel Blade Damper, Add	*124.83*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	548.85	71.98
		For Stainless Steel, Add	*432.41*	
		For Parallel Blade Damper, Add	*133.05*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.00	28.83
		For Stainless Steel, Add	*125.46*	
		For Parallel Blade Damper, Add	*38.60*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	202.87	32.00
		For Stainless Steel, Add	*138.79*	
		For Parallel Blade Damper, Add	*42.70*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	218.64	35.17
		For Stainless Steel, Add	*146.81*	
		For Parallel Blade Damper, Add	*45.17*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.30	38.44
		For Stainless Steel, Add	*149.46*	
		For Parallel Blade Damper, Add	*45.99*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	251.20	41.62
		For Stainless Steel, Add	*164.15*	
		For Parallel Blade Damper, Add	*50.51*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	272.11	44.79
		For Stainless Steel, Add	*178.83*	
		For Parallel Blade Damper, Add	*55.02*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	293.01	48.05
		For Stainless Steel, Add	*193.51*	
		For Parallel Blade Damper, Add	*59.54*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	313.91	51.22
		For Stainless Steel, Add	*208.18*	
		For Parallel Blade Damper, Add	*64.06*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	348.16	54.40
		For Stainless Steel, Add	*240.21*	
		For Parallel Blade Damper, Add	*73.91*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	377.61	56.03
		For Stainless Steel, Add	*272.26*	
		For Parallel Blade Damper, Add	*83.77*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	405.00	57.57
		For Stainless Steel, Add	*301.61*	
		For Parallel Blade Damper, Add	*92.80*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	443.35	60.84
		For Stainless Steel, Add	*338.98*	
		For Parallel Blade Damper, Add	*104.30*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	477.60	64.01
		For Stainless Steel, Add	*371.01*	
		For Parallel Blade Damper, Add	*114.16*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	513.90	67.17
		For Stainless Steel, Add	*405.70*	
		For Parallel Blade Damper, Add	*124.83*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	544.05	70.44
		For Stainless Steel, Add	*432.41*	
		For Parallel Blade Damper, Add	*133.05*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	580.35	73.62
		For Stainless Steel, Add	*467.10*	
		For Parallel Blade Damper, Add	*143.72*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	616.66	76.79
		For Stainless Steel, Add	*501.80*	
		For Parallel Blade Damper, Add	*154.40*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.78	32.00
		For Stainless Steel, Add	*133.47*	
		For Parallel Blade Damper, Add	*41.07*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	218.64	35.17
		For Stainless Steel, Add	*146.81*	
		For Parallel Blade Damper, Add	*45.17*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.35	38.44
		For Stainless Steel, Add	*152.13*	
		For Parallel Blade Damper, Add	*46.81*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	244.02	41.62
		For Stainless Steel, Add	*154.82*	
		For Parallel Blade Damper, Add	*47.64*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	265.96	44.79
		For Stainless Steel, Add	*170.83*	
		For Parallel Blade Damper, Add	*52.56*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.87	48.05
		For Stainless Steel, Add	*186.82*	
		For Parallel Blade Damper, Add	*57.48*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.83	51.22
		For Stainless Steel, Add	*204.18*	
		For Parallel Blade Damper, Add	*62.82*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	333.79	54.40
		For Stainless Steel, Add	*221.53*	
		For Parallel Blade Damper, Add	*68.16*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	365.28	56.03
		For Stainless Steel, Add	*256.23*	
		For Parallel Blade Damper, Add	*78.84*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	394.72	57.57
		For Stainless Steel, Add	*288.25*	
		For Parallel Blade Damper, Add	*88.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	431.04	60.84
		For Stainless Steel, Add	*322.97*	
		For Parallel Blade Damper, Add	*99.38*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	467.34	64.01
		For Stainless Steel, Add	*357.67*	
		For Parallel Blade Damper, Add	*110.05*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	497.47	67.17
		For Stainless Steel, Add	*384.35*	
		For Parallel Blade Damper, Add	*118.26*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	539.92	70.44
		For Stainless Steel, Add	*427.04*	
		For Parallel Blade Damper, Add	*131.40*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	578.28	73.62
		For Stainless Steel, Add	*464.41*	
		For Parallel Blade Damper, Add	*142.90*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	616.66	76.79
		For Stainless Steel, Add	*501.80*	
		For Parallel Blade Damper, Add	*154.40*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	650.87	80.06
		For Stainless Steel, Add	*533.79*	
		For Parallel Blade Damper, Add	*164.24*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	685.15	83.22
		For Stainless Steel, Add	*565.85*	
		For Parallel Blade Damper, Add	*174.11*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Fire Damper, Vertical Curtain Type	52.62	10.38
		For Smoke Damper, Add	*18.17*	
		For Horizontal, Add	*3.21*	
		For Dynamic Damper, Add	*4.81*	
		For 3 Hour Rated, Add	*4.28*	
23 33 13 16-0003	SF	Fire Damper, Vertical Louver Type	64.29	10.38
		For Smoke Damper, Add	*28.09*	
		For Horizontal, Add	*4.96*	
		For Dynamic Damper, Add	*7.44*	
		For 3 Hour Rated, Add	*6.61*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	48.40	10.67
		For Horizontal, Add	*2.46*	
		For Dynamic Damper, Add	*3.69*	
		For 3 Hour Rated, Add	*3.28*	
		For Damper Blades Outside Air Stream, Add	*4.92*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	51.00	11.14
		For Horizontal, Add	*2.63*	
		For Dynamic Damper, Add	*3.95*	
		For 3 Hour Rated, Add	*3.51*	
		For Damper Blades Outside Air Stream, Add	*5.27*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	52.37	11.24
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	52.37	11.24
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	54.51	11.54
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	60.69	12.78
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	54.51	11.54
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.77	12.21
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.86	12.78
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	67.85	14.41
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	58.19	12.21
		For Horizontal, Add	*3.25*	
		For Dynamic Damper, Add	*4.88*	
		For 3 Hour Rated, Add	*4.33*	
		For Damper Blades Outside Air Stream, Add	*6.50*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.86	12.78
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.96	13.46
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.02	14.41
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.75	16.05
		For Horizontal, Add	*4.31*	
		For Dynamic Damper, Add	*6.46*	
		For 3 Hour Rated, Add	*5.74*	
		For Damper Blades Outside Air Stream, Add	*8.61*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.86	12.78
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	65.93	13.74
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.94	15.09
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.98	16.05
		For Horizontal, Add	*4.04*	
		For Dynamic Damper, Add	*6.06*	
		For 3 Hour Rated, Add	*5.39*	
		For Damper Blades Outside Air Stream, Add	*8.08*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.73	17.59
		For Horizontal, Add	*4.48*	
		For Dynamic Damper, Add	*6.72*	
		For 3 Hour Rated, Add	*5.97*	
		For Damper Blades Outside Air Stream, Add	*8.96*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.46	19.22
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.96	13.46
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.60	14.41
		For Horizontal, Add	*3.95*	
		For Dynamic Damper, Add	*5.93*	
		For 3 Hour Rated, Add	*5.27*	
		For Damper Blades Outside Air Stream, Add	*7.91*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.17	16.05
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.33*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.44*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.90	17.59
		For Horizontal, Add	*4.66*	
		For Dynamic Damper, Add	*6.98*	
		For 3 Hour Rated, Add	*6.21*	
		For Damper Blades Outside Air Stream, Add	*9.31*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.04	19.22
		For Horizontal, Add	*5.01*	
		For Dynamic Damper, Add	*7.51*	
		For 3 Hour Rated, Add	*6.68*	
		For Damper Blades Outside Air Stream, Add	*10.01*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.78	20.76
		For Horizontal, Add	*5.45*	
		For Dynamic Damper, Add	*8.17*	
		For 3 Hour Rated, Add	*7.26*	
		For Damper Blades Outside Air Stream, Add	*10.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.34	22.39
		For Horizontal, Add	*5.71*	
		For Dynamic Damper, Add	*8.57*	
		For 3 Hour Rated, Add	*7.61*	
		For Damper Blades Outside Air Stream, Add	*11.42*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.02	14.41
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	76.16	16.05
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.32*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.43*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.31	17.59
		For Horizontal, Add	*4.57*	
		For Dynamic Damper, Add	*6.85*	
		For 3 Hour Rated, Add	*6.09*	
		For Damper Blades Outside Air Stream, Add	*9.14*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.81	19.22
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.37	20.76
		For Horizontal, Add	*5.54*	
		For Dynamic Damper, Add	*8.30*	
		For 3 Hour Rated, Add	*7.38*	
		For Damper Blades Outside Air Stream, Add	*11.07*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.93	22.39
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.08	24.03
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.22	25.57
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	77.33	16.05
		For Horizontal, Add	*4.39*	
		For Dynamic Damper, Add	*6.59*	
		For 3 Hour Rated, Add	*5.86*	
		For Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.66	17.59
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.81	19.22
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.13	20.76
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.68	22.39
		For Horizontal, Add	*6.06*	
		For Dynamic Damper, Add	*9.09*	
		For 3 Hour Rated, Add	*8.08*	
		For Damper Blades Outside Air Stream, Add	*12.12*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.25	24.03
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.57	25.57
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.68	28.83
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.00	32.00
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.66	17.59
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.81	19.22
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.13	20.76
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	108.27	22.39
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.01	24.03
		For Horizontal, Add	*6.59*	
		For Dynamic Damper, Add	*9.88*	
		For 3 Hour Rated, Add	*8.79*	
		For Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.74	25.57
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.86	28.83
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.00	32.00
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.82	33.63
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.29	36.81
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.32	19.22
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.29	20.76
		For Horizontal, Add	*5.97*	
		For Dynamic Damper, Add	*8.96*	
		For 3 Hour Rated, Add	*7.96*	
		For Damper Blades Outside Air Stream, Add	*11.95*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	108.27	22.39
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.41	24.03
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.96	25.57
		For Horizontal, Add	*7.06*	
		For Dynamic Damper, Add	*10.59*	
		For 3 Hour Rated, Add	*9.41*	
		For Damper Blades Outside Air Stream, Add	*14.12*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.86	28.83
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.17	32.00
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.45	35.17
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.29	36.81
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.17	39.40
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.27	41.62
		For Horizontal, Add	*12.65*	
		For Dynamic Damper, Add	*18.98*	
		For 3 Hour Rated, Add	*16.87*	
		For Damper Blades Outside Air Stream, Add	*25.30*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.64	20.76
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.78	22.39
		For Horizontal, Add	*6.68*	
		For Dynamic Damper, Add	*10.01*	
		For 3 Hour Rated, Add	*8.90*	
		For Damper Blades Outside Air Stream, Add	*13.35*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.93	24.03
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.26	25.57
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.62	28.83
		For Horizontal, Add	*7.82*	
		For Dynamic Damper, Add	*11.73*	
		For 3 Hour Rated, Add	*10.43*	
		For Damper Blades Outside Air Stream, Add	*15.64*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.19	30.37
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.45	35.17
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.92	38.44
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.67	39.69
		For Horizontal, Add	*6.23*	
		For Dynamic Damper, Add	*9.34*	
		For 3 Hour Rated, Add	*8.30*	
		For Damper Blades Outside Air Stream, Add	*12.45*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.81	42.57
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.74	44.79
		For Horizontal, Add	*13.53*	
		For Dynamic Damper, Add	*20.29*	
		For 3 Hour Rated, Add	*18.04*	
		For Damper Blades Outside Air Stream, Add	*27.06*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.92	46.41
		For Horizontal, Add	*14.93*	
		For Dynamic Damper, Add	*22.40*	
		For 3 Hour Rated, Add	*19.91*	
		For Damper Blades Outside Air Stream, Add	*29.87*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.60	24.03
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.10	25.57
		For Horizontal, Add	*7.20*	
		For Dynamic Damper, Add	*10.80*	
		For 3 Hour Rated, Add	*9.60*	
		For Damper Blades Outside Air Stream, Add	*14.41*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.08	27.20
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.06	28.83
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.77	30.37
		For Horizontal, Add	*8.17*	
		For Dynamic Damper, Add	*12.26*	
		For 3 Hour Rated, Add	*10.89*	
		For Damper Blades Outside Air Stream, Add	*16.34*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.68	32.00
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.77	36.81
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.08	39.98
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.79	42.57
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.40	44.79
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.10	47.38
		For Horizontal, Add	*14.23*	
		For Dynamic Damper, Add	*21.35*	
		For 3 Hour Rated, Add	*18.97*	
		For Damper Blades Outside Air Stream, Add	*28.46*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.84	48.63
		For Horizontal, Add	*16.16*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.55*	
		For Damper Blades Outside Air Stream, Add	*32.33*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.25	51.22
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.76	24.03
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.26	25.57
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.58	27.20
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.55	28.83
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.04	30.37
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.54	32.00
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.62	38.44
		For Horizontal, Add	*10.54*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.06*	
		For Damper Blades Outside Air Stream, Add	*21.09*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	201.06	41.62
		For Horizontal, Add	*11.42*	
		For Dynamic Damper, Add	*17.13*	
		For 3 Hour Rated, Add	*15.23*	
		For Damper Blades Outside Air Stream, Add	*22.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.40	44.79
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.55	48.05
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.87	51.22
		For Horizontal, Add	*16.52*	
		For Dynamic Damper, Add	*24.77*	
		For 3 Hour Rated, Add	*22.02*	
		For Damper Blades Outside Air Stream, Add	*33.03*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.21	52.76
		For Horizontal, Add	*18.10*	
		For Dynamic Damper, Add	*27.14*	
		For 3 Hour Rated, Add	*24.13*	
		For Damper Blades Outside Air Stream, Add	*36.19*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.56	54.40
		For Horizontal, Add	*19.68*	
		For Dynamic Damper, Add	*29.52*	
		For 3 Hour Rated, Add	*26.24*	
		For Damper Blades Outside Air Stream, Add	*39.35*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.92	56.03
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.08	25.57
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.58	27.20
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.55	28.83
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.68	32.00
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.96	35.17
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.27	38.44
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.90	41.62
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.54	44.79
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.69	48.05
		For Horizontal, Add	*13.88*	
		For Dynamic Damper, Add	*20.82*	
		For 3 Hour Rated, Add	*18.51*	
		For Damper Blades Outside Air Stream, Add	*27.76*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.18	51.22
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.54	52.76
		For Horizontal, Add	*17.40*	
		For Dynamic Damper, Add	*26.09*	
		For 3 Hour Rated, Add	*23.19*	
		For Damper Blades Outside Air Stream, Add	*34.79*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.39	54.40
		For Horizontal, Add	*19.50*	
		For Dynamic Damper, Add	*29.25*	
		For 3 Hour Rated, Add	*26.00*	
		For Damper Blades Outside Air Stream, Add	*39.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.55	57.57
		For Horizontal, Add	*21.08*	
		For Dynamic Damper, Add	*31.63*	
		For 3 Hour Rated, Add	*28.11*	
		For Damper Blades Outside Air Stream, Add	*42.17*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	332.41	59.20
		For Horizontal, Add	*23.19*	
		For Dynamic Damper, Add	*34.79*	
		For 3 Hour Rated, Add	*30.92*	
		For Damper Blades Outside Air Stream, Add	*46.39*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.19	64.01
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	134.40	27.20
		For Horizontal, Add	*7.91*	
		For Dynamic Damper, Add	*11.86*	
		For 3 Hour Rated, Add	*10.54*	
		For Damper Blades Outside Air Stream, Add	*15.81*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.89	28.83
		For Horizontal, Add	*8.61*	
		For Dynamic Damper, Add	*12.92*	
		For 3 Hour Rated, Add	*11.48*	
		For Damper Blades Outside Air Stream, Add	*17.22*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.19	32.00
		For Horizontal, Add	*9.31*	
		For Dynamic Damper, Add	*13.97*	
		For 3 Hour Rated, Add	*12.42*	
		For Damper Blades Outside Air Stream, Add	*18.62*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.96	35.17
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.86	38.44
		For Horizontal, Add	*10.28*	
		For Dynamic Damper, Add	*15.42*	
		For 3 Hour Rated, Add	*13.71*	
		For Damper Blades Outside Air Stream, Add	*20.56*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.73	41.62
		For Horizontal, Add	*11.07*	
		For Dynamic Damper, Add	*16.61*	
		For 3 Hour Rated, Add	*14.76*	
		For Damper Blades Outside Air Stream, Add	*22.14*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.38	44.79
		For Horizontal, Add	*12.12*	
		For Dynamic Damper, Add	*18.19*	
		For 3 Hour Rated, Add	*16.17*	
		For Damper Blades Outside Air Stream, Add	*24.25*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.01	48.05
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.16	51.22
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.83	54.40
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.33	56.03
		For Horizontal, Add	*18.62*	
		For Dynamic Damper, Add	*27.93*	
		For 3 Hour Rated, Add	*24.83*	
		For Damper Blades Outside Air Stream, Add	*37.25*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.38	57.57
		For Horizontal, Add	*20.91*	
		For Dynamic Damper, Add	*31.36*	
		For 3 Hour Rated, Add	*27.88*	
		For Damper Blades Outside Air Stream, Add	*41.82*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.03	60.84
		For Horizontal, Add	*23.01*	
		For Dynamic Damper, Add	*34.52*	
		For 3 Hour Rated, Add	*30.69*	
		For Damper Blades Outside Air Stream, Add	*46.03*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.19	64.01
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.67	68.81
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.98	71.98
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.55	28.83
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.02	32.00
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.14	35.17
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.92	38.44
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.97	41.62
		For Horizontal, Add	*10.81*	
		For Dynamic Damper, Add	*16.21*	
		For 3 Hour Rated, Add	*14.41*	
		For Damper Blades Outside Air Stream, Add	*21.61*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.03	44.79
		For Horizontal, Add	*11.77*	
		For Dynamic Damper, Add	*17.66*	
		For 3 Hour Rated, Add	*15.70*	
		For Damper Blades Outside Air Stream, Add	*23.54*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.08	48.05
		For Horizontal, Add	*12.74*	
		For Dynamic Damper, Add	*19.11*	
		For 3 Hour Rated, Add	*16.98*	
		For Damper Blades Outside Air Stream, Add	*25.48*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.13	51.22
		For Horizontal, Add	*13.70*	
		For Dynamic Damper, Add	*20.56*	
		For 3 Hour Rated, Add	*18.27*	
		For Damper Blades Outside Air Stream, Add	*27.41*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.79	54.40
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.66	56.03
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.35	57.57
		For Horizontal, Add	*19.85*	
		For Dynamic Damper, Add	*29.78*	
		For 3 Hour Rated, Add	*26.47*	
		For Damper Blades Outside Air Stream, Add	*39.71*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	331.36	60.84
		For Horizontal, Add	*22.31*	
		For Dynamic Damper, Add	*33.47*	
		For 3 Hour Rated, Add	*29.75*	
		For Damper Blades Outside Air Stream, Add	*44.63*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.02	64.01
		For Horizontal, Add	*24.42*	
		For Dynamic Damper, Add	*36.63*	
		For 3 Hour Rated, Add	*32.56*	
		For Damper Blades Outside Air Stream, Add	*48.84*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	379.86	67.17
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.18	70.44
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.02	73.62
		For Horizontal, Add	*30.75*	
		For Dynamic Damper, Add	*46.12*	
		For 3 Hour Rated, Add	*41.00*	
		For Damper Blades Outside Air Stream, Add	*61.49*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.87	76.79
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	154.68	32.00
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.14	35.17
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.10	38.44
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.87	41.62
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.52	44.79
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.15	48.05
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.38	51.22
		For Horizontal, Add	*13.44*	
		For Dynamic Damper, Add	*20.16*	
		For 3 Hour Rated, Add	*17.92*	
		For Damper Blades Outside Air Stream, Add	*26.88*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.60	54.40
		For Horizontal, Add	*14.58*	
		For Dynamic Damper, Add	*21.87*	
		For 3 Hour Rated, Add	*19.44*	
		For Damper Blades Outside Air Stream, Add	*29.17*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.63	56.03
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.49	57.57
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*25.30*	
		For Damper Blades Outside Air Stream, Add	*37.95*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.34	60.84
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.17	64.01
		For Horizontal, Add	*23.54*	
		For Dynamic Damper, Add	*35.32*	
		For 3 Hour Rated, Add	*31.39*	
		For Damper Blades Outside Air Stream, Add	*47.09*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.49	67.17
		For Horizontal, Add	*25.30*	
		For Dynamic Damper, Add	*37.95*	
		For 3 Hour Rated, Add	*33.73*	
		For Damper Blades Outside Air Stream, Add	*50.60*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.84	70.44
		For Horizontal, Add	*28.11*	
		For Dynamic Damper, Add	*42.17*	
		For 3 Hour Rated, Add	*37.48*	
		For Damper Blades Outside Air Stream, Add	*56.22*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.85	73.62
		For Horizontal, Add	*30.57*	
		For Dynamic Damper, Add	*45.86*	
		For 3 Hour Rated, Add	*40.76*	
		For Damper Blades Outside Air Stream, Add	*61.14*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.87	76.79
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.51	80.06
		For Horizontal, Add	*35.14*	
		For Dynamic Damper, Add	*52.71*	
		For 3 Hour Rated, Add	*46.85*	
		For Damper Blades Outside Air Stream, Add	*70.28*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	498.20	83.22
		For Horizontal, Add	*37.25*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*49.66*	
		For Damper Blades Outside Air Stream, Add	*74.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0176		Parallel Blade Louver Fire Damper *(23 33 13 16)*		
		Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	65.94	10.67
		For Horizontal, Add	*5.09*	
		For Dynamic Damper, Add	*7.64*	
		For 3 Hour Rated, Add	*6.79*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.83	11.14
		For Horizontal, Add	*5.31*	
		For Dynamic Damper, Add	*7.96*	
		For 3 Hour Rated, Add	*7.08*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.49	11.24
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	70.49	11.24
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.93	11.54
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.69	12.78
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.93	11.54
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	77.77	12.21
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	81.16	12.78
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.43	14.41
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	77.04	12.21
		For Horizontal, Add	*6.08*	
		For Dynamic Damper, Add	*9.12*	
		For 3 Hour Rated, Add	*8.10*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	81.16	12.78
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.54	13.46
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.89	14.41
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.27*	
		For 3 Hour Rated, Add	*9.13*	
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.36	16.05
		For Horizontal, Add	*7.40*	
		For Dynamic Damper, Add	*11.09*	
		For 3 Hour Rated, Add	*9.86*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	98.10	12.78
		For Horizontal, Add	*8.95*	
		For Dynamic Damper, Add	*13.42*	
		For 3 Hour Rated, Add	*11.93*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.63	13.74
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	108.12	15.09
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.63	16.05
		For Horizontal, Add	*9.69*	
		For Dynamic Damper, Add	*14.53*	
		For 3 Hour Rated, Add	*12.92*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.55	17.59
		For Horizontal, Add	*10.30*	
		For Dynamic Damper, Add	*15.46*	
		For 3 Hour Rated, Add	*13.74*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.45	19.22
		For Horizontal, Add	*10.92*	
		For Dynamic Damper, Add	*16.38*	
		For 3 Hour Rated, Add	*14.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.66	13.46
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.01	14.41
		For Horizontal, Add	*9.56*	
		For Dynamic Damper, Add	*14.35*	
		For 3 Hour Rated, Add	*12.75*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.29	16.05
		For Horizontal, Add	*9.94*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.25*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.19	17.59
		For Horizontal, Add	*10.55*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.07*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.27	19.22
		For Horizontal, Add	*11.04*	
		For Dynamic Damper, Add	*16.56*	
		For 3 Hour Rated, Add	*14.72*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.18	20.76
		For Horizontal, Add	*11.66*	
		For Dynamic Damper, Add	*17.48*	
		For 3 Hour Rated, Add	*15.54*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.44	22.39
		For Horizontal, Add	*12.03*	
		For Dynamic Damper, Add	*18.04*	
		For 3 Hour Rated, Add	*16.03*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.20	14.41
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.27	16.05
		For Horizontal, Add	*9.93*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.24*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	122.37	17.59
		For Horizontal, Add	*10.43*	
		For Dynamic Damper, Add	*15.64*	
		For 3 Hour Rated, Add	*13.90*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.74	19.22
		For Horizontal, Add	*11.41*	
		For Dynamic Damper, Add	*17.12*	
		For 3 Hour Rated, Add	*15.22*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.01	20.76
		For Horizontal, Add	*11.78*	
		For Dynamic Damper, Add	*17.67*	
		For 3 Hour Rated, Add	*15.71*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.26	22.39
		For Horizontal, Add	*12.15*	
		For Dynamic Damper, Add	*18.22*	
		For 3 Hour Rated, Add	*16.20*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.35	24.03
		For Horizontal, Add	*12.64*	
		For Dynamic Damper, Add	*18.96*	
		For 3 Hour Rated, Add	*16.85*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.43	25.57
		For Horizontal, Add	*13.13*	
		For Dynamic Damper, Add	*19.70*	
		For 3 Hour Rated, Add	*17.51*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.35	16.05
		For Horizontal, Add	*12.20*	
		For Dynamic Damper, Add	*18.29*	
		For 3 Hour Rated, Add	*16.26*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.09	17.59
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.18	19.22
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.89	20.76
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.16	22.39
		For Horizontal, Add	*14.53*	
		For Dynamic Damper, Add	*21.80*	
		For 3 Hour Rated, Add	*19.38*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	171.42	24.03
		For Horizontal, Add	*14.90*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*19.87*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.15	25.57
		For Horizontal, Add	*15.64*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*20.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.67	28.83
		For Horizontal, Add	*16.38*	
		For Dynamic Damper, Add	*24.57*	
		For 3 Hour Rated, Add	*21.84*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.85	32.00
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.09	17.59
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.18	19.22
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.89	20.76
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.97	22.39
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.89	24.03
		For Horizontal, Add	*15.27*	
		For Dynamic Damper, Add	*22.91*	
		For 3 Hour Rated, Add	*20.36*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.78	25.57
		For Horizontal, Add	*15.88*	
		For Dynamic Damper, Add	*23.83*	
		For 3 Hour Rated, Add	*21.18*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.31	28.83
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.85	32.00
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.49	33.63
		For Horizontal, Add	*18.84*	
		For Dynamic Damper, Add	*28.26*	
		For 3 Hour Rated, Add	*25.12*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.30	36.81
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.08	19.22
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.52	20.76
		For Horizontal, Add	*14.41*	
		For Dynamic Damper, Add	*21.61*	
		For 3 Hour Rated, Add	*19.21*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.97	22.39
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.05	24.03
		For Horizontal, Add	*15.15*	
		For Dynamic Damper, Add	*22.72*	
		For 3 Hour Rated, Add	*20.19*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.09	25.57
		For Horizontal, Add	*15.93*	
		For Dynamic Damper, Add	*23.90*	
		For 3 Hour Rated, Add	*21.24*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.31	28.83
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.50	32.00
		For Horizontal, Add	*17.61*	
		For Dynamic Damper, Add	*26.41*	
		For 3 Hour Rated, Add	*23.48*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.66	35.17
		For Horizontal, Add	*18.59*	
		For Dynamic Damper, Add	*27.89*	
		For 3 Hour Rated, Add	*24.79*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.30	36.81
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.46	39.40
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.31	41.62
		For Horizontal, Add	*23.76*	
		For Dynamic Damper, Add	*35.64*	
		For 3 Hour Rated, Add	*31.68*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.25	20.76
		For Horizontal, Add	*16.17*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.56*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.78	22.39
		For Horizontal, Add	*16.73*	
		For Dynamic Damper, Add	*25.09*	
		For 3 Hour Rated, Add	*22.30*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.34	24.03
		For Horizontal, Add	*17.29*	
		For Dynamic Damper, Add	*25.93*	
		For 3 Hour Rated, Add	*23.05*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.78	25.57
		For Horizontal, Add	*18.13*	
		For Dynamic Damper, Add	*27.20*	
		For 3 Hour Rated, Add	*24.18*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.20	28.83
		For Horizontal, Add	*18.56*	
		For Dynamic Damper, Add	*27.83*	
		For 3 Hour Rated, Add	*24.74*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.83	30.37
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.47*	
		For 3 Hour Rated, Add	*25.31*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.61	35.17
		For Horizontal, Add	*20.39*	
		For Dynamic Damper, Add	*30.58*	
		For 3 Hour Rated, Add	*27.18*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.59	38.44
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.68	39.69
		For Horizontal, Add	*23.48*	
		For Dynamic Damper, Add	*35.21*	
		For 3 Hour Rated, Add	*31.30*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.31	42.57
		For Horizontal, Add	*25.72*	
		For Dynamic Damper, Add	*38.59*	
		For 3 Hour Rated, Add	*34.30*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.15	44.79
		For Horizontal, Add	*27.69*	
		For Dynamic Damper, Add	*41.54*	
		For 3 Hour Rated, Add	*36.92*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.96	46.41
		For Horizontal, Add	*29.94*	
		For Dynamic Damper, Add	*44.91*	
		For 3 Hour Rated, Add	*39.92*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.35	24.03
		For Horizontal, Add	*18.46*	
		For Dynamic Damper, Add	*27.69*	
		For 3 Hour Rated, Add	*24.62*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.66	25.57
		For Horizontal, Add	*19.59*	
		For Dynamic Damper, Add	*29.38*	
		For 3 Hour Rated, Add	*26.12*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.34	27.20
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.02	28.83
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.19	30.37
		For Horizontal, Add	*21.13*	
		For Dynamic Damper, Add	*31.70*	
		For 3 Hour Rated, Add	*28.18*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.56	32.00
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.47	36.81
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.58	39.98
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.51	42.57
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.85	44.79
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.77	47.38
		For Horizontal, Add	*30.83*	
		For Dynamic Damper, Add	*46.25*	
		For 3 Hour Rated, Add	*41.11*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.24	48.63
		For Horizontal, Add	*33.92*	
		For Dynamic Damper, Add	*50.89*	
		For 3 Hour Rated, Add	*45.23*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.67	51.22
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.91	24.03
		For Horizontal, Add	*19.02*	
		For Dynamic Damper, Add	*28.54*	
		For 3 Hour Rated, Add	*25.37*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.22	25.57
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.65	27.20
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.32	28.83
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.63	30.37
		For Horizontal, Add	*22.40*	
		For Dynamic Damper, Add	*33.60*	
		For 3 Hour Rated, Add	*29.87*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.94	32.00
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.53	38.44
		For Horizontal, Add	*24.93*	
		For Dynamic Damper, Add	*37.40*	
		For 3 Hour Rated, Add	*33.24*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	300.49	41.62
		For Horizontal, Add	*26.33*	
		For Dynamic Damper, Add	*39.50*	
		For 3 Hour Rated, Add	*35.11*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.85	44.79
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.33	48.05
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.67	51.22
		For Horizontal, Add	*34.49*	
		For Dynamic Damper, Add	*51.73*	
		For 3 Hour Rated, Add	*45.98*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.34	52.76
		For Horizontal, Add	*37.02*	
		For Dynamic Damper, Add	*55.52*	
		For 3 Hour Rated, Add	*49.35*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.02	54.40
		For Horizontal, Add	*39.55*	
		For Dynamic Damper, Add	*59.32*	
		For 3 Hour Rated, Add	*52.73*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.70	56.03
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.34	25.57
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.65	27.20
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.32	28.83
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.56	32.00
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.66	35.17
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.77	38.44
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.62	41.62
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.48	44.79
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.96	48.05
		For Horizontal, Add	*30.27*	
		For Dynamic Damper, Add	*45.41*	
		For 3 Hour Rated, Add	*40.36*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.17	51.22
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.86	52.76
		For Horizontal, Add	*35.89*	
		For Dynamic Damper, Add	*53.84*	
		For 3 Hour Rated, Add	*47.86*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.14	54.40
		For Horizontal, Add	*39.26*	
		For Dynamic Damper, Add	*58.90*	
		For 3 Hour Rated, Add	*52.35*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.63	57.57
		For Horizontal, Add	*41.80*	
		For Dynamic Damper, Add	*62.69*	
		For 3 Hour Rated, Add	*55.73*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	478.92	59.20
		For Horizontal, Add	*45.17*	
		For Dynamic Damper, Add	*67.75*	
		For 3 Hour Rated, Add	*60.23*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.33	64.01
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.77	27.20
		For Horizontal, Add	*20.71*	
		For Dynamic Damper, Add	*31.07*	
		For 3 Hour Rated, Add	*27.62*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.07	28.83
		For Horizontal, Add	*21.84*	
		For Dynamic Damper, Add	*32.76*	
		For 3 Hour Rated, Add	*29.12*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.19	32.00
		For Horizontal, Add	*22.96*	
		For Dynamic Damper, Add	*34.44*	
		For 3 Hour Rated, Add	*30.62*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.66	35.17
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	278.72	38.44
		For Horizontal, Add	*24.51*	
		For Dynamic Damper, Add	*36.76*	
		For 3 Hour Rated, Add	*32.68*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.74	41.62
		For Horizontal, Add	*25.77*	
		For Dynamic Damper, Add	*38.66*	
		For 3 Hour Rated, Add	*34.36*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.61	44.79
		For Horizontal, Add	*27.46*	
		For Dynamic Damper, Add	*41.19*	
		For 3 Hour Rated, Add	*36.61*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.46	48.05
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.94	51.22
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.03	54.40
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.57	56.03
		For Horizontal, Add	*37.86*	
		For Dynamic Damper, Add	*56.79*	
		For 3 Hour Rated, Add	*50.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.75	57.57
		For Horizontal, Add	*41.51*	
		For Dynamic Damper, Add	*62.27*	
		For 3 Hour Rated, Add	*55.35*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	481.84	60.84
		For Horizontal, Add	*44.89*	
		For Dynamic Damper, Add	*67.33*	
		For 3 Hour Rated, Add	*59.85*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.33	64.01
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.23	68.81
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.58	71.98
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.32	28.83
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.30	32.00
		For Horizontal, Add	*22.68*	
		For Dynamic Damper, Add	*34.02*	
		For 3 Hour Rated, Add	*30.24*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.54	35.17
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.02	38.44
		For Horizontal, Add	*23.80*	
		For Dynamic Damper, Add	*35.71*	
		For 3 Hour Rated, Add	*31.74*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.94	41.62
		For Horizontal, Add	*25.35*	
		For Dynamic Damper, Add	*38.03*	
		For 3 Hour Rated, Add	*33.80*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.86	44.79
		For Horizontal, Add	*26.90*	
		For Dynamic Damper, Add	*40.34*	
		For 3 Hour Rated, Add	*35.86*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.78	48.05
		For Horizontal, Add	*28.44*	
		For Dynamic Damper, Add	*42.66*	
		For 3 Hour Rated, Add	*37.92*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.69	51.22
		For Horizontal, Add	*29.99*	
		For Dynamic Damper, Add	*44.98*	
		For 3 Hour Rated, Add	*39.98*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.78	54.40
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.08	56.03
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.50	57.57
		For Horizontal, Add	*39.83*	
		For Dynamic Damper, Add	*59.74*	
		For 3 Hour Rated, Add	*53.10*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.36	60.84
		For Horizontal, Add	*43.76*	
		For Dynamic Damper, Add	*65.65*	
		For 3 Hour Rated, Add	*58.35*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.45	64.01
		For Horizontal, Add	*47.14*	
		For Dynamic Damper, Add	*70.70*	
		For 3 Hour Rated, Add	*62.85*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.42	67.17
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.78	70.44
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	602.75	73.62
		For Horizontal, Add	*57.26*	
		For Dynamic Damper, Add	*85.88*	
		For 3 Hour Rated, Add	*76.34*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.73	76.79
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.56	32.00
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.54	35.17
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.89	38.44
		For Horizontal, Add	*24.08*	
		For Dynamic Damper, Add	*36.13*	
		For 3 Hour Rated, Add	*32.11*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.37	41.62
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.24	44.79
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.09	48.05
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.88	51.22
		For Horizontal, Add	*29.57*	
		For Dynamic Damper, Add	*44.35*	
		For 3 Hour Rated, Add	*39.42*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.67	54.40
		For Horizontal, Add	*31.39*	
		For Dynamic Damper, Add	*47.09*	
		For 3 Hour Rated, Add	*41.86*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.83	56.03
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	429.13	57.57
		For Horizontal, Add	*38.42*	
		For Dynamic Damper, Add	*57.63*	
		For 3 Hour Rated, Add	*51.23*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.12	60.84
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.09	64.01
		For Horizontal, Add	*45.73*	
		For Dynamic Damper, Add	*68.60*	
		For 3 Hour Rated, Add	*60.98*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	525.44	67.17
		For Horizontal, Add	*48.54*	
		For Dynamic Damper, Add	*72.81*	
		For 3 Hour Rated, Add	*64.72*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	565.03	70.44
		For Horizontal, Add	*53.04*	
		For Dynamic Damper, Add	*79.56*	
		For 3 Hour Rated, Add	*70.72*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	600.87	73.62
		For Horizontal, Add	*56.97*	
		For Dynamic Damper, Add	*85.46*	
		For 3 Hour Rated, Add	*75.97*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.73	76.79
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	668.81	80.06
		For Horizontal, Add	*64.28*	
		For Dynamic Damper, Add	*96.42*	
		For 3 Hour Rated, Add	*85.71*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.94	83.22
		For Horizontal, Add	*67.66*	
		For Dynamic Damper, Add	*101.49*	
		For 3 Hour Rated, Add	*90.21*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	54.39	19.22
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	55.53	19.22
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	64.20	21.81
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	65.44	21.81
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	75.40	24.03
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	78.82	24.03
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	87.59	26.71
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	98.45	30.08
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	112.16	34.31

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	61.55	21.81
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	64.66	21.81

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	72.18	24.03
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	76.20	24.03
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	85.56	26.71
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	88.01	26.71
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	98.52	30.08
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	110.61	34.31
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	129.05	40.08

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	102.69	16.00
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.20	16.73
		For 3 Hour Rated, Add	*11.21*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.84	16.87
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.84	16.87
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.62	17.30
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.08	19.17
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.62	17.30
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.20	18.30
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.42	19.17
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.98	21.62
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	115.53	18.30
		For 3 Hour Rated, Add	*12.15*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.42	19.17
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.66	20.19
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.34	21.62
		For 3 Hour Rated, Add	*13.09*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.91	24.08
		For 3 Hour Rated, Add	*13.77*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.69	19.17
		For 3 Hour Rated, Add	*22.41*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.36	20.62
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.49	22.63
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.14	24.08
		For 3 Hour Rated, Add	*23.21*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.72	26.38
		For 3 Hour Rated, Add	*23.89*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.30	28.83
		For 3 Hour Rated, Add	*24.56*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.93	20.19
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.26	21.62
		For 3 Hour Rated, Add	*23.08*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.51	24.08
		For 3 Hour Rated, Add	*23.49*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	200.07	26.38
		For 3 Hour Rated, Add	*24.16*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.97	28.83
		For 3 Hour Rated, Add	*24.70*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.55	31.14
		For 3 Hour Rated, Add	*25.37*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.78	33.59
		For 3 Hour Rated, Add	*25.77*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.60	21.62
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.50	24.08
		For 3 Hour Rated, Add	*23.48*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.39	26.38
		For 3 Hour Rated, Add	*24.02*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	212.00	28.83
		For 3 Hour Rated, Add	*25.10*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.23	31.14
		For 3 Hour Rated, Add	*25.51*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.46	33.59
		For 3 Hour Rated, Add	*25.91*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.36	36.04
		For 3 Hour Rated, Add	*26.45*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.26	38.35
		For 3 Hour Rated, Add	*26.99*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.58	24.08
		For 3 Hour Rated, Add	*34.50*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.83	26.38
		For 3 Hour Rated, Add	*35.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.75	28.83
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.99	31.14
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.22	33.59
		For 3 Hour Rated, Add	*37.06*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.45	36.04
		For 3 Hour Rated, Add	*37.47*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.70	38.35
		For 3 Hour Rated, Add	*38.27*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.15	43.25
		For 3 Hour Rated, Add	*39.08*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.96	48.00
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.83	26.38
		For 3 Hour Rated, Add	*35.31*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.75	28.83
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.99	31.14
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.89	33.59
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.47	36.04
		For 3 Hour Rated, Add	*37.87*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.04	38.35
		For 3 Hour Rated, Add	*38.54*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.49	43.25
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.96	48.00
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.24	50.46
		For 3 Hour Rated, Add	*41.78*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.40	55.22
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.78	28.83
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	278.33	31.14
		For 3 Hour Rated, Add	*36.93*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.89	33.59
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	296.79	36.04
		For 3 Hour Rated, Add	*37.73*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.29	38.35
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.49	43.25
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.31	48.00
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.11	52.76
		For 3 Hour Rated, Add	*41.51*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.40	55.22
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.36	59.11
		For 3 Hour Rated, Add	*45.01*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.23	62.42
		For 3 Hour Rated, Add	*47.16*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.25	31.14
		For 3 Hour Rated, Add	*38.31*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.38	33.59
		For 3 Hour Rated, Add	*38.89*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.51	36.04
		For 3 Hour Rated, Add	*39.48*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.12	38.35
		For 3 Hour Rated, Add	*40.36*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.74	43.25
		For 3 Hour Rated, Add	*40.80*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.14	45.55
		For 3 Hour Rated, Add	*41.24*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.09	52.76
		For 3 Hour Rated, Add	*42.70*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.82	57.66
		For 3 Hour Rated, Add	*44.17*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.37	59.54
		For 3 Hour Rated, Add	*45.92*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	433.06	63.86
		For 3 Hour Rated, Add	*48.27*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.39	67.17
		For 3 Hour Rated, Add	*50.31*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.31	69.63
		For 3 Hour Rated, Add	*52.66*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.18	36.04
		For 3 Hour Rated, Add	*48.45*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.24	38.35
		For 3 Hour Rated, Add	*49.62*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.92	40.79
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.59	43.25
		For 3 Hour Rated, Add	*50.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.13	45.55
		For 3 Hour Rated, Add	*51.24*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.47	48.00
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.96	55.22
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.22	59.97
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.54	63.86
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.73	67.17
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	520.05	71.07
		For 3 Hour Rated, Add	*61.34*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.92	72.95
		For 3 Hour Rated, Add	*64.56*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.11	76.84
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.32	36.04
		For 3 Hour Rated, Add	*49.04*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.39	38.35
		For 3 Hour Rated, Add	*50.21*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.98	40.79
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.66	43.25
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.73	45.55
		For 3 Hour Rated, Add	*52.56*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	412.79	48.00
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.95	57.66
		For 3 Hour Rated, Add	*55.19*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	470.68	62.42
		For 3 Hour Rated, Add	*56.65*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.73	67.17
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	527.32	72.08
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.38	76.84
		For 3 Hour Rated, Add	*65.14*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.76	79.14
		For 3 Hour Rated, Add	*67.78*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.15	81.60
		For 3 Hour Rated, Add	*70.42*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	617.55	84.04
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.92	38.35
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.98	40.79
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.66	43.25
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.47	48.00
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.74	52.76
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.01	57.66
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.22	62.42
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.41	67.17
		For 3 Hour Rated, Add	*58.12*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	520.00	72.08
		For 3 Hour Rated, Add	*60.75*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	550.52	76.84
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.92	79.14
		For 3 Hour Rated, Add	*66.61*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	595.68	81.60
		For 3 Hour Rated, Add	*70.12*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.28	86.35
		For 3 Hour Rated, Add	*72.76*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	648.06	88.80
		For 3 Hour Rated, Add	*76.27*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.40	96.01
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.51	40.79
		For 3 Hour Rated, Add	*50.80*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.58	43.25
		For 3 Hour Rated, Add	*51.97*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	409.86	48.00
		For 3 Hour Rated, Add	*53.14*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.74	52.76
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.75	57.66
		For 3 Hour Rated, Add	*54.75*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.76	62.42
		For 3 Hour Rated, Add	*56.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.95	67.17
		For 3 Hour Rated, Add	*57.83*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	514.14	72.08
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.75	76.84
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.73	81.60
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	595.57	84.04
		For 3 Hour Rated, Add	*68.66*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	621.82	86.35
		For 3 Hour Rated, Add	*72.47*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.79	91.25
		For 3 Hour Rated, Add	*75.98*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.40	96.01
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	720.58	103.22
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	749.64	107.98
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.66	43.25
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.39	48.00
		For 3 Hour Rated, Add	*52.85*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.20	52.76
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.08	57.66
		For 3 Hour Rated, Add	*54.02*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.56	62.42
		For 3 Hour Rated, Add	*55.63*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.02	67.17
		For 3 Hour Rated, Add	*57.24*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.48	72.08
		For 3 Hour Rated, Add	*58.85*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	532.96	76.84
		For 3 Hour Rated, Add	*60.46*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	564.93	81.60
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	589.73	84.04
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	613.02	86.35
		For 3 Hour Rated, Add	*70.71*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	647.94	91.25
		For 3 Hour Rated, Add	*74.81*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	679.93	96.01
		For 3 Hour Rated, Add	*78.32*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	713.37	100.77
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	742.44	105.66
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	775.88	110.42
		For 3 Hour Rated, Add	*88.86*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	809.32	115.18
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.47	48.00
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.20	52.76
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.55	57.66
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.43	62.42
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.63	67.17
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.82	72.08
		For 3 Hour Rated, Add	*58.12*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	530.76	76.84
		For 3 Hour Rated, Add	*60.02*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	554.70	81.60
		For 3 Hour Rated, Add	*61.93*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	580.94	84.04
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	605.70	86.35
		For 3 Hour Rated, Add	*69.24*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	639.17	91.25
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.62	96.01
		For 3 Hour Rated, Add	*76.86*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	701.67	100.77
		For 3 Hour Rated, Add	*79.79*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.51	105.66
		For 3 Hour Rated, Add	*84.47*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	774.42	110.42
		For 3 Hour Rated, Add	*88.57*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	809.32	115.18
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	841.31	120.09
		For 3 Hour Rated, Add	*96.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	873.31	124.84
		For 3 Hour Rated, Add	*99.70*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.57	10.67
		For Dynamic Damper, Add	*10.93*	
		For 3 Hour Rated, Add	*9.71*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.23	11.14
		For Dynamic Damper, Add	*11.20*	
		For 3 Hour Rated, Add	*9.96*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.66	11.24
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.66	11.24
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.86	11.54
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.15	12.78
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.86	11.54
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	91.23	12.21
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.39	12.78
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.42	14.41
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.62	12.21
		For Dynamic Damper, Add	*12.17*	
		For 3 Hour Rated, Add	*10.82*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.39	12.78
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.53	13.46
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.66	14.41
		For Dynamic Damper, Add	*13.14*	
		For 3 Hour Rated, Add	*11.68*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.53	16.05
		For Dynamic Damper, Add	*13.83*	
		For 3 Hour Rated, Add	*12.30*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.17	12.78
		For Dynamic Damper, Add	*22.66*	
		For 3 Hour Rated, Add	*20.15*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.29	13.74
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.36	15.09
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.46	16.05
		For Dynamic Damper, Add	*23.49*	
		For 3 Hour Rated, Add	*20.88*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.36	17.59
		For Dynamic Damper, Add	*24.19*	
		For 3 Hour Rated, Add	*21.50*	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.23	19.22
		For Dynamic Damper, Add	*24.88*	
		For 3 Hour Rated, Add	*22.11*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.32	13.46
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	147.05	14.41
		For Dynamic Damper, Add	*23.36*	
		For 3 Hour Rated, Add	*20.76*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.71	16.05
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.59	17.59
		For Dynamic Damper, Add	*24.46*	
		For 3 Hour Rated, Add	*21.75*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.84	19.22
		For Dynamic Damper, Add	*25.02*	
		For 3 Hour Rated, Add	*22.24*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.73	20.76
		For Dynamic Damper, Add	*25.71*	
		For 3 Hour Rated, Add	*22.85*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	183.38	22.39
		For Dynamic Damper, Add	*26.12*	
		For 3 Hour Rated, Add	*23.22*	

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23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.44	14.41
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.70	16.05
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.97	17.59
		For Dynamic Damper, Add	*24.32*	
		For 3 Hour Rated, Add	*21.62*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.70	19.22
		For Dynamic Damper, Add	*25.43*	
		For 3 Hour Rated, Add	*22.61*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.35	20.76
		For Dynamic Damper, Add	*25.85*	
		For 3 Hour Rated, Add	*22.98*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.00	22.39
		For Dynamic Damper, Add	*26.26*	
		For 3 Hour Rated, Add	*23.35*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.26	24.03
		For Dynamic Damper, Add	*26.82*	
		For 3 Hour Rated, Add	*23.84*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	198.53	25.57
		For Dynamic Damper, Add	*27.37*	
		For 3 Hour Rated, Add	*24.33*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.75	16.05
		For Dynamic Damper, Add	*32.11*	
		For 3 Hour Rated, Add	*28.54*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.26	17.59
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.53	19.22
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.03	20.76
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.67	22.39
		For Dynamic Damper, Add	*34.74*	
		For 3 Hour Rated, Add	*30.88*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.32	24.03
		For Dynamic Damper, Add	*35.15*	
		For 3 Hour Rated, Add	*31.25*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.82	25.57
		For Dynamic Damper, Add	*35.98*	
		For 3 Hour Rated, Add	*31.99*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.11	28.83
		For Dynamic Damper, Add	*36.81*	
		For 3 Hour Rated, Add	*32.72*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.65	32.00
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.26	17.59
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.53	19.22
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.03	20.76
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.28	22.39
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	230.16	24.03
		For Dynamic Damper, Add	*35.57*	
		For 3 Hour Rated, Add	*31.62*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.04	25.57
		For Dynamic Damper, Add	*36.26*	
		For 3 Hour Rated, Add	*32.23*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.33	28.83
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.65	32.00
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.83	33.63
		For Dynamic Damper, Add	*39.58*	
		For 3 Hour Rated, Add	*35.18*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.59	36.81
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	210.22	19.22
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.24	20.76
		For Dynamic Damper, Add	*34.60*	
		For 3 Hour Rated, Add	*30.75*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.28	22.39
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	

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23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.54	24.03
		For Dynamic Damper, Add	*35.43*	
		For 3 Hour Rated, Add	*31.49*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.28	25.57
		For Dynamic Damper, Add	*36.31*	
		For 3 Hour Rated, Add	*32.28*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.33	28.83
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.88	32.00
		For Dynamic Damper, Add	*38.20*	
		For 3 Hour Rated, Add	*33.95*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.41	35.17
		For Dynamic Damper, Add	*39.31*	
		For 3 Hour Rated, Add	*34.94*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.59	36.81
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.89	39.40
		For Dynamic Damper, Add	*42.91*	
		For 3 Hour Rated, Add	*38.14*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.45	41.62
		For Dynamic Damper, Add	*45.12*	
		For 3 Hour Rated, Add	*40.10*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.82	20.76
		For Dynamic Damper, Add	*35.63*	
		For 3 Hour Rated, Add	*31.67*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.19	22.39
		For Dynamic Damper, Add	*36.21*	
		For 3 Hour Rated, Add	*32.18*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.57	24.03
		For Dynamic Damper, Add	*36.79*	
		For 3 Hour Rated, Add	*32.70*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.25	25.57
		For Dynamic Damper, Add	*37.66*	
		For 3 Hour Rated, Add	*33.47*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.80	28.83
		For Dynamic Damper, Add	*38.09*	
		For 3 Hour Rated, Add	*33.86*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.54	30.37
		For Dynamic Damper, Add	*38.53*	
		For 3 Hour Rated, Add	*34.25*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.39	35.17
		For Dynamic Damper, Add	*39.98*	
		For 3 Hour Rated, Add	*35.54*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.44	38.44
		For Dynamic Damper, Add	*41.42*	
		For 3 Hour Rated, Add	*36.82*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.02	39.69
		For Dynamic Damper, Add	*43.17*	
		For 3 Hour Rated, Add	*38.37*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.97	42.57
		For Dynamic Damper, Add	*45.48*	
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.72	44.79
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	360.84	46.41
		For Dynamic Damper, Add	*49.83*	
		For 3 Hour Rated, Add	*44.30*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.77	24.03
		For Dynamic Damper, Add	*41.96*	
		For 3 Hour Rated, Add	*37.30*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.73	25.57
		For Dynamic Damper, Add	*43.12*	
		For 3 Hour Rated, Add	*38.33*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.83	27.20
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.92	28.83
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.05	30.37
		For Dynamic Damper, Add	*44.72*	
		For 3 Hour Rated, Add	*39.75*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.37	32.00
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.93	36.81
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	333.71	39.98
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.12	42.57
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.02	44.79
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.42	47.38
		For Dynamic Damper, Add	*54.72*	
		For 3 Hour Rated, Add	*48.64*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.45	48.63
		For Dynamic Damper, Add	*57.91*	
		For 3 Hour Rated, Add	*51.47*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.03	51.22
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.16	24.03
		For Dynamic Damper, Add	*42.54*	
		For 3 Hour Rated, Add	*37.82*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.12	25.57
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.80	27.20
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.89	28.83
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.85	30.37
		For Dynamic Damper, Add	*46.02*	
		For 3 Hour Rated, Add	*40.91*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.81	32.00
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	331.48	38.44
		For Dynamic Damper, Add	*48.63*	
		For 3 Hour Rated, Add	*43.23*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.51	41.62
		For Dynamic Damper, Add	*50.08*	
		For 3 Hour Rated, Add	*44.52*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.02	44.79
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.23	48.05
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.71	51.22
		For Dynamic Damper, Add	*58.49*	
		For 3 Hour Rated, Add	*51.99*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	430.11	52.76
		For Dynamic Damper, Add	*61.10*	
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.52	54.40
		For Dynamic Damper, Add	*63.71*	
		For 3 Hour Rated, Add	*56.63*	
23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.92	56.03
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.83	25.57
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.80	27.20
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.89	28.83
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.37	32.00
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.12	35.17
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.90	38.44
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.23	41.62
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.57	44.79
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.78	48.05
		For Dynamic Damper, Add	*54.14*	
		For 3 Hour Rated, Add	*48.12*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.56	51.22
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.97	52.76
		For Dynamic Damper, Add	*59.94*	
		For 3 Hour Rated, Add	*53.28*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.23	54.40
		For Dynamic Damper, Add	*63.42*	
		For 3 Hour Rated, Add	*56.37*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	466.44	57.57
		For Dynamic Damper, Add	*66.03*	
		For 3 Hour Rated, Add	*58.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.70	59.20
		For Dynamic Damper, Add	*69.50*	
		For 3 Hour Rated, Add	*61.78*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.43	64.01
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	278.51	27.20
		For Dynamic Damper, Add	*44.28*	
		For 3 Hour Rated, Add	*39.36*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.46	28.83
		For Dynamic Damper, Add	*45.44*	
		For 3 Hour Rated, Add	*40.39*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.23	32.00
		For Dynamic Damper, Add	*46.60*	
		For 3 Hour Rated, Add	*41.42*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.12	35.17
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.55	38.44
		For Dynamic Damper, Add	*48.20*	
		For 3 Hour Rated, Add	*42.84*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.94	41.62
		For Dynamic Damper, Add	*49.50*	
		For 3 Hour Rated, Add	*44.00*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.29	44.79
		For Dynamic Damper, Add	*51.24*	
		For 3 Hour Rated, Add	*45.55*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	379.63	48.05
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	400.84	51.22
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.90	54.40
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.58	56.03
		For Dynamic Damper, Add	*61.97*	
		For 3 Hour Rated, Add	*55.08*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.15	57.57
		For Dynamic Damper, Add	*65.74*	
		For 3 Hour Rated, Add	*58.43*	
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.21	60.84
		For Dynamic Damper, Add	*69.21*	
		For 3 Hour Rated, Add	*61.52*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.43	64.01
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.31	68.81
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	563.80	71.98
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.89	28.83
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.94	32.00
		For Dynamic Damper, Add	*46.31*	
		For 3 Hour Rated, Add	*41.17*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.41	35.17
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.31	38.44
		For Dynamic Damper, Add	*47.47*	
		For 3 Hour Rated, Add	*42.20*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.01	41.62
		For Dynamic Damper, Add	*49.07*	
		For 3 Hour Rated, Add	*43.62*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.71	44.79
		For Dynamic Damper, Add	*50.66*	
		For 3 Hour Rated, Add	*45.03*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.41	48.05
		For Dynamic Damper, Add	*52.26*	
		For 3 Hour Rated, Add	*46.45*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.10	51.22
		For Dynamic Damper, Add	*53.85*	
		For 3 Hour Rated, Add	*47.87*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.17	54.40
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.44	56.03
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	457.42	57.57
		For Dynamic Damper, Add	*64.00*	
		For 3 Hour Rated, Add	*56.89*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.07	60.84
		For Dynamic Damper, Add	*68.06*	
		For 3 Hour Rated, Add	*60.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	510.14	64.01
		For Dynamic Damper, Add	*71.53*	
		For 3 Hour Rated, Add	*63.59*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	536.50	67.17
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	559.00	70.44
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	585.36	73.62
		For Dynamic Damper, Add	*81.97*	
		For 3 Hour Rated, Add	*72.86*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	611.73	76.79
		For Dynamic Damper, Add	*85.74*	
		For 3 Hour Rated, Add	*76.21*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.37	32.00
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.41	35.17
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.60	38.44
		For Dynamic Damper, Add	*47.76*	
		For 3 Hour Rated, Add	*42.45*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.50	41.62
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.85	44.79
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.18	48.05
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.17	51.22
		For Dynamic Damper, Add	*53.42*	
		For 3 Hour Rated, Add	*47.48*	
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	409.15	54.40
		For Dynamic Damper, Add	*55.30*	
		For 3 Hour Rated, Add	*49.15*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	430.70	56.03
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.97	57.57
		For Dynamic Damper, Add	*62.55*	
		For 3 Hour Rated, Add	*55.60*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.34	60.84
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	503.70	64.01
		For Dynamic Damper, Add	*70.09*	
		For 3 Hour Rated, Add	*62.30*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.19	67.17
		For Dynamic Damper, Add	*72.98*	
		For 3 Hour Rated, Add	*64.87*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.41	70.44
		For Dynamic Damper, Add	*77.62*	
		For 3 Hour Rated, Add	*69.00*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	584.06	73.62
		For Dynamic Damper, Add	*81.68*	
		For 3 Hour Rated, Add	*72.60*	
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	611.73	76.79
		For Dynamic Damper, Add	*85.74*	
		For 3 Hour Rated, Add	*76.21*	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.77	80.06
		For Dynamic Damper, Add	*89.21*	
		For 3 Hour Rated, Add	*79.30*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	661.87	83.22
		For Dynamic Damper, Add	*92.70*	
		For 3 Hour Rated, Add	*82.40*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	54.45	10.67
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	63.36	11.14
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	73.53	11.24
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	71.04	11.24
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	69.04	11.54
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	81.49	12.78
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	65.60	11.54
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	79.77	12.78
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	77.98	13.46
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	88.40	14.41
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	72.68	12.21
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	75.47	13.46
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	87.15	14.41
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	81.82	16.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	92.26	17.59
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	79.77	12.78
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	83.38	14.41
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	80.21	16.05
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	86.64	16.05
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	97.88	17.59
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	109.11	19.22
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	74.22	13.46
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	72.19	14.41
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	84.22	16.05
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	96.27	17.59
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	108.30	19.22
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	122.20	20.76
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	139.28	24.03
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	122.18	25.57
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	140.83	28.83
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	80.87	14.41
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	80.21	16.05
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	93.05	17.59
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	105.90	19.22
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	120.55	20.76
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	133.64	22.39
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	122.18	25.57
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	127.21	25.57
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	146.87	28.83
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	166.54	32.00
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	163.21	35.17
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	180.01	38.44
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	76.99	16.05
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	91.45	17.59
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	105.90	19.22
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	122.20	20.76
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	114.34	24.03
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	125.19	25.57
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	140.83	28.83
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	146.87	28.83
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	168.56	32.00
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	166.07	35.17
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	184.33	38.44
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	202.55	41.62
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	203.55	44.79
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	220.05	48.05
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	226.95	48.05
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	81.82	16.05
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	97.88	17.59
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	120.55	20.76
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	114.34	24.03
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	126.20	25.57
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	142.84	28.83
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	159.51	32.00
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	166.54	32.00
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	166.07	35.17
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	185.76	38.44
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	205.42	41.62
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	216.60	48.05
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	224.65	48.05
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	242.31	51.22
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	259.97	54.40
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	268.02	54.40
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	271.60	57.57
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	278.63	57.57
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	91.45	17.59
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	115.57	20.76
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	133.64	22.39
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	125.19	25.57
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	142.84	28.83
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	160.51	32.00
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	147.85	32.00
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	163.21	35.17
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	184.33	38.44
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	205.42	41.62
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	217.75	48.05
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	226.95	48.05
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	245.76	51.22
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	264.57	54.40
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	269.58	57.57
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	277.63	57.57
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	295.29	60.84
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	303.34	60.84
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	302.60	64.01
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	309.49	64.01
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	326.00	67.17
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	96.27	17.59
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	127.00	22.39
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	122.18	25.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	140.83	28.83
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	159.51	32.00
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	147.85	32.00
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	163.92	35.17
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	180.01	38.44
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	202.55	41.62
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	216.60	48.05
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	226.95	48.05
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	246.91	51.22
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	266.87	54.40
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	272.59	57.57
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	291.26	60.84
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	300.32	60.84
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	300.87	64.01
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	308.63	64.01
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	326.00	67.17
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	333.76	67.17
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	341.53	67.17
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	105.90	19.22
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	138.45	24.03
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	127.21	25.57
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	146.87	28.83
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	166.54	32.00
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	163.21	35.17
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	180.01	38.44
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	196.79	41.62
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	203.55	44.79
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	224.65	48.05
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	245.76	51.22
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	266.87	54.40
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	273.60	57.57
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	293.27	60.84
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	303.34	60.84
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	300.01	64.01
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	117.23	20.76
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	121.17	25.57
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	141.84	28.83
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	162.52	32.00
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	161.05	35.17
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	178.57	38.44
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	186.48	38.44
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	203.98	41.62
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	220.05	48.05
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	242.31	51.22
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	264.57	54.40
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	272.59	57.57
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	293.27	60.84
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	304.34	60.84
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	306.05	64.01
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	310.79	64.01
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	127.00	22.39
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	125.19	25.57
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	146.87	28.83
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	147.85	32.00
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	166.07	35.17
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	184.33	38.44
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	202.55	41.62
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	203.55	44.79
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	226.95	48.05
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	259.97	54.40
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	269.58	57.57
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	291.26	60.84
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	303.34	60.84
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	306.05	64.01
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	326.00	67.17
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	331.18	67.17
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	129.49	22.39
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	136.81	28.83
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	159.01	32.00
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	159.61	35.17
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	178.21	38.44
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	196.79	41.62
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	215.40	44.79
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	216.02	48.05
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	240.01	51.22
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	263.99	54.40
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	273.60	57.57
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	295.79	60.84
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	300.01	64.01
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	310.79	64.01
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	331.18	67.17
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	336.57	67.17

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*
Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	57.85	10.67
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	67.91	11.14
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	69.54	11.24
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	71.93	11.24
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	77.69	11.54
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	86.32	12.78
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	84.87	11.54
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	95.90	12.78
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	97.82	13.46
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	103.10	14.41
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	83.77	12.21
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	89.36	13.46
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	95.75	14.41
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	100.55	16.05
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	108.86	17.59
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	99.69	12.78
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	106.25	14.41
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	98.20	16.05
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	98.20	16.05
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	108.57	17.59
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	113.37	19.22
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	98.86	13.46
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	101.75	14.41
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	110.72	16.05
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	119.71	17.59
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	124.51	19.22
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	129.32	20.76
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	140.33	24.03
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	141.70	25.57
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	156.48	28.83
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	113.24	14.41
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	120.64	16.05
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	125.45	17.59
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	135.42	19.22
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	140.23	20.76
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	145.03	22.39
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	158.55	25.57
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	159.84	25.57
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	169.44	28.83
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	181.65	32.00
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	196.44	35.17
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	206.06	38.44
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	141.37	16.05
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	146.18	17.59
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	150.98	19.22
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	155.79	20.76
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	169.29	24.03
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	180.58	25.57
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	190.18	28.83
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	190.18	28.83
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	179.06	32.00
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	177.14	35.17
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	186.76	38.44
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	199.76	41.62
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	211.08	44.79
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	220.69	48.05
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	220.69	48.05
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	129.69	16.05
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	134.50	17.59
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	144.11	20.76
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	155.42	24.03
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	161.93	25.57
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	171.53	28.83
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	181.15	32.00
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	187.95	32.00
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	197.55	35.17
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	207.17	38.44
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	218.47	41.62
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	239.41	48.05
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	239.41	48.05
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	256.67	51.22
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	250.61	54.40
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	250.61	54.40
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	260.22	57.57
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	263.86	57.57
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	144.45	17.59
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	154.06	20.76
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	160.32	22.39
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	172.84	25.57
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	188.26	28.83
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	197.88	32.00
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	197.88	32.00
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	210.38	35.17
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	220.00	38.44
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	229.60	41.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	248.83	48.05
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	253.20	48.05
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	265.72	51.22
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	279.69	54.40
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	289.30	57.57
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	289.30	57.57
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	300.36	60.84
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	305.45	60.84
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	304.53	64.01
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	304.53	64.01
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	318.82	67.17
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	170.52	17.59
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	187.61	22.39
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	197.23	25.57
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	206.83	28.83
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	224.47	32.00
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	224.47	32.00
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	234.07	35.17
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	246.37	38.44
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	257.30	41.62
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	277.87	48.05
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	277.87	48.05
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	298.18	51.22
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	307.79	54.40
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	317.40	57.57
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	329.68	60.84
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	332.36	60.84
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	341.97	64.01
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	342.63	64.01
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	362.27	67.17
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	362.27	67.17
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	362.27	67.17
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	224.80	19.22
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	240.55	24.03
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	245.36	25.57
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	257.64	28.83
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	253.53	32.00
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	263.13	35.17
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	282.28	38.44
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	291.88	41.62
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	306.28	44.79
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	315.89	48.05
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	325.50	51.22
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	335.11	54.40
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	351.87	57.57
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	366.24	60.84
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	366.24	60.84
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	383.02	64.01
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	253.28	20.76
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	270.08	25.57
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	286.83	28.83
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	296.45	32.00
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	314.40	35.17
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	325.21	38.44
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	325.21	38.44
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	340.18	41.62
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	337.35	48.05
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	349.10	51.22
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	369.44	54.40
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	379.05	57.57
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	392.96	60.84
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	395.11	60.84
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	404.72	64.01
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	406.86	64.01
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	281.92	22.39
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	300.13	25.57
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	311.87	28.83
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	327.94	32.00
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	337.54	35.17
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	351.45	38.44
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	361.05	41.62
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	374.96	44.79
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	358.81	48.05
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	386.62	54.40
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	401.95	57.57
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	411.56	60.84
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	411.56	60.84
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	423.08	64.01
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	440.33	67.17
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	440.33	67.17
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	307.68	22.39
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	330.72	28.83
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	347.97	32.00
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	357.57	35.17
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	372.92	38.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	384.43	41.62
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	364.11	44.79
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	373.72	48.05
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	394.18	51.22
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	403.79	54.40
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	413.40	57.57
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	433.02	60.84
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	442.63	64.01
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	447.64	64.01
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	462.68	67.17
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	472.28	67.17
23 33 13 23-0365		Backdraft Damper Accessories *(23 33 13 23)*		
23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	121.81	22.58
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	192.16	22.58
23 33 13 33		**Splitter Damper Hardware** *(23 33 13)*		
23 33 13 33-0001	EA	Splitter Damper, Hardware	28.99	6.73
23 33 13 43		**Blower Check Valve** *(23 33 13)*		
23 33 13 43-0001		Blower Check Valves With Silicone Seals *(23 33 13 43)*		
23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	295.00	24.79
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	328.96	28.25
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	421.69	37.48
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	588.81	43.25
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	657.26	51.90
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	988.03	65.74
23 33 13 43-0008		Blower Check Valves With Viton Seats *(23 33 13 43)*		
23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	414.78	24.79
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	471.33	28.25
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	520.81	37.48
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	737.21	43.25
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	821.07	51.90
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,277.81	65.74
23 33 19		**Duct Sound Trap** *(23 33)*		
23 33 19 00-0001		36" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	233.22	39.40
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	277.39	45.16
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	347.93	51.89
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	414.73	58.61
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	391.25	58.61
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	477.81	61.50
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	523.18	65.34
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	570.48	69.18
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	726.21	78.79
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	481.73	65.34
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	633.63	78.79
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,064.31	105.69
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,167.47	111.46
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,296.99	120.11
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,449.82	130.68
23 33 19 00-0017		60" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	259.30	86.48
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	309.44	99.93
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	389.19	115.30
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	463.82	129.71
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	437.13	129.71
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	536.73	137.40
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	585.00	144.13
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	634.71	151.82
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	813.78	172.95
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	537.90	144.13
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	708.59	172.95
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,185.23	227.72
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,316.88	246.94
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,452.02	262.32
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,628.46	288.26
23 33 19 00-0033		84" Long Packaged Duct Sound Trap *(23 33 19)*		
23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	221.06	72.06
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	365.35	107.61
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	515.44	157.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	289.14	86.48
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	353.41	99.93
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	461.41	115.30
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	534.39	123.95
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	581.67	133.56
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	712.18	144.13
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	831.02	157.58
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	515.73	133.56
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	691.88	139.32
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	748.29	144.13
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	810.56	151.82
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	993.61	163.35
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,074.41	172.95

23 33 23 Duct Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	6.47	2.40
		For Stainless Steel, Add	*1.94*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	4.23	0.97
		For Stainless Steel, Add	*2.91*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	14.79	3.60
		For Stainless Steel, Add	*13.36*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	17.81	3.84
		For Stainless Steel, Add	*16.90*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	23.29	4.03
		For Stainless Steel, Add	*23.66*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	28.80	4.33
		For Stainless Steel, Add	*30.42*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	31.76	4.61
		For Stainless Steel, Add	*33.80*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	39.20	4.33
		For Stainless Steel, Add	*43.95*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	48.02	5.09
		For Stainless Steel, Add	*54.09*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	51.39	5.32
		For Stainless Steel, Add	*58.16*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	57.02	5.53
		For Stainless Steel, Add	*65.13*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	71.19	13.45
		For Stainless Steel, Add	*34.28*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	74.79	13.45
		For Stainless Steel, Add	*41.48*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	76.55	13.45
		For Stainless Steel, Add	*45.00*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	98.24	16.34
		For Stainless Steel, Add	*63.44*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	98.96	16.34
		For Stainless Steel, Add	*64.88*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	123.81	22.10
		For Stainless Steel, Add	*74.66*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	148.30	26.90
		For Stainless Steel, Add	*80.40*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	193.49	36.51
		For Stainless Steel, Add	*98.72*	

23 33 43 Flexible Duct Connectors *(23 33)*

23 33 43 00-0001	LF	Flex Duct Connector, Fabric/Sheet Metal	11.19	2.89
23 33 43 00-0002	LF	Flex Duct Connector, Rubber Vinyl	10.93	2.60

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R4.2 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	5.32	0.97
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	5.97	1.92
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	6.97	1.92
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	8.15	1.92
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	9.91	2.89
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	12.61	2.89
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	17.28	3.84
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	21.38	3.84
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket	28.06	4.81

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0012	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	33.20	5.76
		For Stainless Steel, Add	*15.05*	
23 33 46 00-0013	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	36.44	6.73
		For Stainless Steel, Add	*15.25*	
23 33 46 00-0014	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	41.76	6.73
		For Stainless Steel, Add	*16.82*	
23 33 46 00-0015	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	47.94	8.65
		For Stainless Steel, Add	*17.36*	
23 33 46 00-0016	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	58.32	10.57
		For Stainless Steel, Add	*19.60*	
23 33 46 00-0017	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	68.00	12.49
		For Stainless Steel, Add	*24.17*	
23 33 46 00-0018	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	77.68	14.42
		For Stainless Steel, Add	*26.04*	
23 33 46 00-0019	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	91.38	16.34
		For Stainless Steel, Add	*32.60*	
23 33 46 00-0020	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	99.50	18.26
		For Stainless Steel, Add	*35.67*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	9.94	2.73
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	10.88	2.73
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.06	3.64
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.76	3.64
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	17.82	4.09
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	9.27	2.89
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	10.15	2.89
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.29	3.84
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.73	3.84
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	16.64	4.33

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	1.87	2.30
23 33 53 00-0014	SF	1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	2.06	2.60
23 33 53 00-0015	SF	1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	2.69	2.60
23 33 53 00-0016	SF	1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	3.47	2.60
23 33 53 00-0017	SF	1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	2.90	2.89
23 33 53 00-0018	SF	2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	3.07	3.17
23 33 53 00-0019	SF	2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	4.75	3.17

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	54.63	15.85
		For Stainless Steel, Add	*29.80*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	57.51	17.29
		For Stainless Steel, Add	*29.80*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	68.22	18.26
		For Stainless Steel, Add	*41.22*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	78.65	19.21
		For Stainless Steel, Add	*52.29*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	108.69	21.14
		For Stainless Steel, Add	*86.35*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	73.98	19.21
		For Stainless Steel, Add	*46.22*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	99.50	24.02
		For Stainless Steel, Add	*66.89*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	105.28	27.38
		For Stainless Steel, Add	*65.66*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	129.85	32.18
		For Stainless Steel, Add	*85.12*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	147.03	38.43
		For Stainless Steel, Add	*91.21*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	184.01	48.05
		For Stainless Steel, Add	*114.31*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	677.42	28.82
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	557.02	24.02
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	555.39	26.43

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,202.08	294.62
		For 1/4" Static Pressure, Add	*48.98*	
		For 3/8" Static Pressure, Add	*97.96*	
		For 1/2" Static Pressure, Add	*134.69*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,245.81	295.51
		For 1/4" Static Pressure, Add	*52.48*	
		For 3/8" Static Pressure, Add	*104.96*	
		For 1/2" Static Pressure, Add	*144.31*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	1,333.28	294.62
		For 1/4" Static Pressure, Add	*59.48*	
		For 3/8" Static Pressure, Add	*118.95*	
		For 1/2" Static Pressure, Add	*163.56*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	1,420.74	295.51
		For 1/4" Static Pressure, Add	*66.47*	
		For 3/8" Static Pressure, Add	*132.94*	
		For 1/2" Static Pressure, Add	*182.80*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	1,669.91	353.91
		For 1/4" Static Pressure, Add	*76.97*	
		For 3/8" Static Pressure, Add	*153.94*	
		For 1/2" Static Pressure, Add	*211.66*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	1,906.38	384.87
		For 1/4" Static Pressure, Add	*90.96*	
		For 3/8" Static Pressure, Add	*181.92*	
		For 1/2" Static Pressure, Add	*250.14*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	2,023.39	421.15
		For 1/4" Static Pressure, Add	*94.46*	
		For 3/8" Static Pressure, Add	*188.92*	
		For 1/2" Static Pressure, Add	*259.77*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	2,284.17	442.38
		For 1/4" Static Pressure, Add	*111.95*	
		For 3/8" Static Pressure, Add	*223.91*	
		For 1/2" Static Pressure, Add	*307.87*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	2,767.76	552.98
		For 1/4" Static Pressure, Add	*132.94*	
		For 3/8" Static Pressure, Add	*265.89*	
		For 1/2" Static Pressure, Add	*365.60*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	3,103.88	590.14
		For 1/4" Static Pressure, Add	*153.94*	
		For 3/8" Static Pressure, Add	*307.87*	
		For 1/2" Static Pressure, Add	*423.32*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	3,635.23	680.39
		For 1/4" Static Pressure, Add	*181.92*	
		For 3/8" Static Pressure, Add	*363.85*	
		For 1/2" Static Pressure, Add	*500.29*	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,143.60	285.78
		For 1/4" Static Pressure, Add	*45.82*	
		For 3/8" Static Pressure, Add	*91.64*	
		For 1/2" Static Pressure, Add	*126.01*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	1,207.84	295.51
		For 1/4" Static Pressure, Add	*49.44*	
		For 3/8" Static Pressure, Add	*98.88*	
		For 1/2" Static Pressure, Add	*135.96*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	1,248.28	305.24
		For 1/4" Static Pressure, Add	*51.05*	
		For 3/8" Static Pressure, Add	*102.09*	
		For 1/2" Static Pressure, Add	*140.38*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	1,316.96	315.87
		For 1/4" Static Pressure, Add	*54.80*	
		For 3/8" Static Pressure, Add	*109.60*	
		For 1/2" Static Pressure, Add	*150.70*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	1,467.65	328.24
		For 1/4" Static Pressure, Add	*64.98*	
		For 3/8" Static Pressure, Add	*129.96*	
		For 1/2" Static Pressure, Add	*178.70*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	1,544.78	340.63
		For 1/4" Static Pressure, Add	*69.14*	
		For 3/8" Static Pressure, Add	*138.27*	
		For 1/2" Static Pressure, Add	*190.12*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	1,712.68	353.91
		For 1/4" Static Pressure, Add	*80.39*	
		For 3/8" Static Pressure, Add	*160.78*	
		For 1/2" Static Pressure, Add	*221.07*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	1,903.95	353.91
		For 1/4" Static Pressure, Add	*95.78*	
		For 3/8" Static Pressure, Add	*191.56*	
		For 1/2" Static Pressure, Add	*263.40*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	2,191.60	384.87
		For 1/4" Static Pressure, Add	*113.89*	
		For 3/8" Static Pressure, Add	*227.77*	
		For 1/2" Static Pressure, Add	*313.19*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	2,604.16	466.27
		For 1/4" Static Pressure, Add	*133.98*	
		For 3/8" Static Pressure, Add	*267.96*	
		For 1/2" Static Pressure, Add	*368.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	2,928.75	466.27
		For 1/4" Static Pressure, Add	*159.64*	
		For 3/8" Static Pressure, Add	*319.27*	
		For 1/2" Static Pressure, Add	*439.00*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	3,211.14	491.93
		For 1/4" Static Pressure, Add	*178.25*	
		For 3/8" Static Pressure, Add	*356.49*	
		For 1/2" Static Pressure, Add	*490.18*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	3,497.02	520.24
		For 1/4" Static Pressure, Add	*196.68*	
		For 3/8" Static Pressure, Add	*393.37*	
		For 1/2" Static Pressure, Add	*540.88*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	4,036.66	680.39
		For 1/4" Static Pressure, Add	*214.37*	
		For 3/8" Static Pressure, Add	*428.74*	
		For 1/2" Static Pressure, Add	*589.52*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	4,549.73	681.27
		For 1/4" Static Pressure, Add	*255.42*	
		For 3/8" Static Pressure, Add	*510.84*	
		For 1/2" Static Pressure, Add	*702.40*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	5,160.19	804.08
		For 1/4" Static Pressure, Add	*284.59*	
		For 3/8" Static Pressure, Add	*569.18*	
		For 1/2" Static Pressure, Add	*782.62*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*

Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*

Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*

Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450 - 1,750 CFM At 1/8" Static Pressure	1,197.79	194.38
23 34 16 00-0006	EA	1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,751.15	201.73
23 34 16 00-0007	EA	1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,799.78	160.76
23 34 16 00-0008	EA	1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,880.14	220.31
23 34 16 00-0009	EA	3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,922.84	233.58
23 34 16 00-0010	EA	1 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,983.39	243.31
23 34 16 00-0011	EA	1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	2,041.72	259.24

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,027.45	212.35
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,062.33	220.31
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,127.85	233.58
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,165.33	243.31
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,235.41	259.24
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,306.76	271.63

23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,039.59	220.31
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,082.37	233.58
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,142.59	243.31
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,189.91	259.24
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,253.70	271.63
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,341.40	291.98
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,410.17	307.01

23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,343.91	233.58
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,427.75	243.31
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,518.29	259.24
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,564.42	271.63
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,623.11	291.98
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,674.23	307.01
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,973.18	333.56

23 34 16 00-0035 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,421.19	243.31
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,474.19	259.24
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,549.36	271.63
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,602.96	291.98
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,683.09	307.01
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,802.61	333.56
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,878.74	353.91
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,989.86	389.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0044		**20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,440.09	259.24
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,515.22	271.63
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,602.96	291.98
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,683.09	307.01
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,836.72	333.56
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,059.04	353.91
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,205.27	389.30
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,361.12	416.72
23 34 16 00-0053		**22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,951.14	271.63
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,999.40	291.98
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,071.61	307.01
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,158.92	333.56
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,281.45	353.91
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,309.50	389.30
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,383.86	416.72
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,516.55	467.16
23 34 16 00-0062		**24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,565.73	291.98
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,666.84	333.56
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,777.08	353.91
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,887.55	389.30
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,986.54	416.72
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,062.38	467.16
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,180.79	507.85
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,466.76	583.94
23 34 16 00-0071		**27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,958.59	307.01
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,061.37	353.91
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,171.84	389.30
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,270.84	416.72
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,403.52	467.16
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,521.59	507.85
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,831.72	583.94
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,849.36	648.54
23 34 16 00-0080		**Large Industrial Type Utility Backward Centrifugal Fans** *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		**30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,564.85	389.30
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,659.37	416.72
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,802.22	467.16
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,931.65	507.85
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,115.63	583.94
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,282.16	648.54
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,547.02	778.60
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,792.56	898.04
23 34 16 00-0090		**33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,545.13	416.72
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,734.68	467.16
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,909.95	507.85
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,139.07	583.94
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,351.09	648.54
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,661.42	778.60
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,019.44	898.04
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,478.69	1,167.90
23 34 16 00-0099		**36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,367.24	467.16
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,428.79	507.85
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,544.19	583.94
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,665.42	648.54
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,420.32	778.60
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,698.40	898.04
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,206.62	1,167.90
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,748.87	1,459.86
23 34 16 00-0108		**Kitchen System Fans** *(23 34 16 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)* Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	794.65	115.02
		For Bird Screen, Add	*31.99*	
		For Backdraft Damper, Add	*78.39*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	921.75	115.02
		For Bird Screen, Add	*31.99*	
		For Backdraft Damper, Add	*78.39*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)* Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,323.31	115.02
		For Bird Screen, Add	*31.99*	
		For Wall Mounted Fan, Add	*52.93*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*78.39*	
		For Damper Motor, Add	*120.89*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*92.93*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,378.47	115.02
		For Bird Screen, Add	*31.99*	
		For Wall Mounted Fan, Add	*55.14*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*78.39*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,200.94	132.71
		For Bird Screen, Add	*36.41*	
		For Wall Mounted Fan, Add	*48.04*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,280.37	132.71
		For Bird Screen, Add	*36.41*	
		For Wall Mounted Fan, Add	*51.21*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,620.27	154.83
		For Bird Screen, Add	*36.41*	
		For Wall Mounted Fan, Add	*64.81*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,705.22	154.83
		For Bird Screen, Add	*36.41*	
		For Wall Mounted Fan, Add	*68.21*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,856.41	165.89
		For Bird Screen, Add	*60.68*	
		For Wall Mounted Fan, Add	*74.26*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*108.24*	
		For Damper Motor, Add	*120.89*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*129.59*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,988.80	165.89
		For Bird Screen, Add	*60.68*	
		For Wall Mounted Fan, Add	*79.55*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*108.24*	
		For Damper Motor, Add	*120.89*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*140.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,026.36	176.95
		For Bird Screen, Add	*60.68*	
		For Wall Mounted Fan, Add	*81.05*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*108.24*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,212.80	176.95
		For Bird Screen, Add	*60.68*	
		For Wall Mounted Fan, Add	*88.51*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*108.24*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,546.07	199.07
		For Bird Screen, Add	*71.71*	
		For Wall Mounted Fan, Add	*101.84*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*117.67*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,717.07	199.07
		For Bird Screen, Add	*71.71*	
		For Wall Mounted Fan, Add	*108.68*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*117.67*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,212.52	221.19
		For Bird Screen, Add	*77.22*	
		For Wall Mounted Fan, Add	*128.50*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,268.78	221.19
		For Bird Screen, Add	*77.22*	
		For Wall Mounted Fan, Add	*130.75*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,554.51	221.19
		For Bird Screen, Add	*77.22*	
		For Wall Mounted Fan, Add	*142.18*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*264.53*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,692.41	221.19
		For Bird Screen, Add	*77.22*	
		For Wall Mounted Fan, Add	*147.70*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*276.25*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	4,065.57	243.31
		For Bird Screen, Add	*88.26*	
		For Wall Mounted Fan, Add	*162.62*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*120.89*	
		For Backdraft Damper, Add	*150.65*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*304.21*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	4,224.15	243.31
		For Bird Screen, Add	*88.26*	
		For Wall Mounted Fan, Add	*168.97*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*120.89*	
		For Backdraft Damper, Add	*150.65*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*317.69*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	4,272.83	265.43
		For Bird Screen, Add	*88.26*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*120.89*	
		For Backdraft Damper, Add	*172.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	4,621.00	265.43
		For Bird Screen, Add	*88.26*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*120.89*	
		For Backdraft Damper, Add	*172.60*	

23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)*

Note: Roof mounted with downblast discharge, weatherhood and filter.

23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	848.16	115.02
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	887.30	115.02
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	935.33	115.02

23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	953.96	115.02
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,087.04	154.83
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,303.91	176.95
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,522.38	221.19
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,840.82	265.43

23 34 16 00-0145 Replacement Parts *(23 34 16 00-0001)*

23 34 16 00-0146 Replace Belts And Accessories *(23 34 16 00-0145)*

23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	652.45	300.78
23 34 16 00-0148	EA	Fan Belt, Replacement	102.02	40.81

23 34 16 00-0149 Corrosive Fume Resistant Plastic *(23 34 16 00-0001)*

23 34 16 00-0150 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure *(23 34 16 00-0149)*

23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,436.15	159.98
		For Explosion Proof Motor, Add	*467.43*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,743.36	192.17
		For Explosion Proof Motor, Add	*503.85*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,446.50	240.21
		For Explosion Proof Motor, Add	*594.91*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,809.38	320.44
		For Explosion Proof Motor, Add	*625.26*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	5,574.45	480.43
		For Explosion Proof Motor, Add	*692.04*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,691.98	960.86
		For Explosion Proof Motor, Add	*1,165.54*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	14,119.16	1,373.55
		For Explosion Proof Motor, Add	*1,705.82*	

23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive *(23 34 16 00-0149)*

23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,436.15	159.98
		For Explosion Proof Motor, Add	*467.43*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,541.01	192.17
		For Explosion Proof Motor, Add	*473.50*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,637.10	240.21
		For Explosion Proof Motor, Add	*473.50*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,797.63	320.44
		For Explosion Proof Motor, Add	*473.50*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,250.69	480.43
		For Explosion Proof Motor, Add	*643.47*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,490.90	600.53
		For Explosion Proof Motor, Add	*643.47*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,664.23	687.20
		For Explosion Proof Motor, Add	*643.47*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,812.05	720.64
		For Explosion Proof Motor, Add	*655.62*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,012.67	800.68
		For Explosion Proof Motor, Add	*661.69*	

23 34 16 00-0168 In-Line Duct Fans *(23 34 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0169		**Direct Drive In-Line Duct Fans** *(23 34 16 00-0168)* Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,040.22	115.02
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,321.89	123.87
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,448.51	132.71
23 34 16 00-0173		**Belt Drive In-Line Duct Fans** *(23 34 16 00-0168)* Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,511.53	132.71
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,738.00	154.83
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,948.31	154.83
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,127.10	154.83
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,080.23	176.95
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,383.02	176.95
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,031.17	221.19
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,198.32	221.19
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	3,316.15	221.19
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,838.33	265.43
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,978.96	265.43
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	4,151.79	265.43
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0186		**In-Line Cabinet Fans** *(23 34 16 00-0001)*		
23 34 16 00-0187	EA	950 CFM, 80 Watts, Direct Drive In-Line Cabinet Fan	301.18	77.42
23 34 16 00-0188	EA	1,050 CFM, 129 Watts, Direct Drive In-Line Cabinet Fan	316.59	77.42
23 34 16 00-0189	EA	1,100 CFM, 173 Watts, Direct Drive In-Line Cabinet Fan	337.50	77.42
23 34 16 00-0190	EA	950 CFM, 48.7 Watts, Direct Drive In-Line Cabinet Fan	336.40	77.42
23 34 16 00-0191	EA	1,100 CFM, 52.5 Watts, Direct Drive In-Line Cabinet Fan	336.40	77.42
23 34 16 00-0192	EA	1,400 CFM, 100 Watts, Direct Drive In-Line Cabinet Fan	369.41	77.42
23 34 16 00-0193	EA	900 CFM, 48.2 Watts, Direct Drive In-Line Cabinet Fan	437.68	81.84
23 34 16 00-0194	EA	1,000 CFM, 82.7 Watts, Direct Drive In-Line Cabinet Fan	379.36	81.84
23 34 16 00-0195	EA	1,050 CFM, 80.7 Watts, Direct Drive In-Line Cabinet Fan	401.37	81.84
23 34 16 00-0196	EA	1,350 CFM, 140 Watts, Direct Drive In-Line Cabinet Fan	415.67	81.84
23 34 16 00-0197	EA	1,000 CFM, 135 Watts, Direct Drive In-Line Cabinet Fan	432.18	81.84
23 34 16 00-0198	EA	1,070 CFM, 217 Watts, Direct Drive In-Line Cabinet Fan	432.18	81.84
23 34 16 00-0199	EA	1,100 CFM, 350 Watts, Direct Drive In-Line Cabinet Fan	679.81	86.26
23 34 16 00-0200	EA	1,080 CFM, 325 Watts, Direct Drive In-Line Cabinet Fan	579.68	86.26
23 34 16 00-0201	EA	1,600 CFM, 405 Watts, Direct Drive In-Line Cabinet Fan	579.68	86.26
23 34 16 00-0202	EA	950 CFM, 328 Watts, Direct Drive In-Line Cabinet Fan	767.85	86.26
23 34 16 00-0203	EA	1,095 CFM, 455 Watts, Direct Drive In-Line Cabinet Fan	767.85	86.26
23 34 16 00-0204	EA	1,450 CFM, 822 Watts, Direct Drive In-Line Cabinet Fan	767.85	86.26
23 34 16 00-0205	EA	1,610 CFM, 830 Watts, Direct Drive In-Line Cabinet Fan	830.57	86.26
23 34 16 00-0206		**Propeller And Ceiling Fans** *(23 34 16)*		
23 34 16 00-0207		**Direct Drive, Sidewall Propeller Exhaust Fan** *(23 34 16 00-0206)* Note: Greenheck SE1.		
23 34 16 00-0208	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	441.09	94.67
		For Backdraft Damper, Add	*83.55*	
		For Wall Mount Collar, Add	*156.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0209	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	470.05	105.28
		For Backdraft Damper, Add	*90.96*	
		For Wall Mount Collar, Add	*156.71*	
23 34 16 00-0210	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	520.63	116.78
		For Backdraft Damper, Add	*100.39*	
		For Wall Mount Collar, Add	*160.90*	
23 34 16 00-0211	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	738.24	129.17
		For Backdraft Damper, Add	*118.81*	
		For Wall Mount Collar, Add	*164.00*	
		For Motor Side Guard, Add	*132.41*	
23 34 16 00-0212	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	769.87	143.33
		For Backdraft Damper, Add	*118.81*	
		For Wall Mount Collar, Add	*168.20*	
		For Motor Side Guard, Add	*141.01*	
23 34 16 00-0213	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	864.41	159.26
		For Backdraft Damper, Add	*142.24*	
		For Wall Mount Collar, Add	*172.39*	
		For Motor Side Guard, Add	*149.62*	
23 34 16 00-0214	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	984.13	176.95
		For Backdraft Damper, Add	*142.24*	
		For Wall Mount Collar, Add	*175.48*	
		For Motor Side Guard, Add	*161.54*	
23 34 16 00-0215		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0206)* Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0216	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	1,478.85	253.04
23 34 16 00-0217	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	1,696.88	294.62
23 34 16 00-0218	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	1,936.22	353.91
23 34 16 00-0219	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	2,666.50	442.38
23 34 16 00-0220	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	3,217.36	590.14
23 34 16 00-0221	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	4,507.12	884.76
23 34 16 00-0222	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	5,452.14	1,134.27
23 34 16 00-0223		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0206)*		
23 34 16 00-0224	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	77.42	
23 34 16 00-0225	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	175.65	
23 34 16 00-0226		**Reversible Ceiling Fans** *(23 34 16 00-0206)*		
23 34 16 00-0227		**4 Blade Ceiling Fans** *(23 34 16 00-0226)*		
23 34 16 00-0228	EA	42" 4-Blade Ceiling Fan, Three Speed	350.19	44.71
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.75*	
23 34 16 00-0229		**5 Blade Ceiling Fans** *(23 34 16 00-0226)*		
23 34 16 00-0230	EA	42" 5-Blade Ceiling Fan, Three Speed	381.97	110.65
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.79*	
23 34 16 00-0231	EA	52" 5-Blade Ceiling Fan, Three Speed	435.03	110.65
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.88*	
23 34 16 00-0232		**3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0226)*		
23 34 16 00-0233	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	363.48	43.80
23 34 16 00-0234		**Ceiling Fan Down Rod** *(23 34 16 00-0226)*		
23 34 16 00-0235	EA	1' Ceiling Fan Down Rod	14.67	
23 34 16 00-0236	EA	1-1/2' Ceiling Fan Down Rod	18.49	
23 34 16 00-0237	EA	2' Ceiling Fan Down Rod	20.40	
23 34 16 00-0238	EA	3' Ceiling Fan Down Rod	26.55	
23 34 16 00-0239	EA	4' Ceiling Fan Down Rod	30.87	
23 34 16 00-0240	EA	5' Ceiling Fan Down Rod	37.43	
23 34 16 00-0241	EA	6' Ceiling Fan Down Rod	46.23	
23 34 16 00-0242		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0243		**Exhaust Fans** *(23 34 16 00-0242)* Note: Excludes ducting.		
23 34 16 00-0244		**Light Duty Exhaust Fans** *(23 34 16 00-0243)*		
23 34 16 00-0245		**Light Duty Exhaust Fans** *(23 34 16 00-0244)*		
23 34 16 00-0246	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 670)	99.65	36.13
23 34 16 00-0247	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 671)	104.22	36.13
23 34 16 00-0248	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 505)	159.14	36.13
23 34 16 00-0249	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 504)	195.87	36.13
23 34 16 00-0250	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 503)	177.22	36.13
23 34 16 00-0251	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 502)	229.37	36.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0252		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0244)*		
23 34 16 00-0253	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	124.12	36.13
23 34 16 00-0254	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	135.58	36.13
23 34 16 00-0255	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	236.37	36.13
23 34 16 00-0256		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0244)*		
23 34 16 00-0257	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	126.60	36.13
23 34 16 00-0258	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	189.44	36.13
23 34 16 00-0259		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0244)*		
23 34 16 00-0260	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	200.34	36.13
23 34 16 00-0261	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	293.88	36.13
23 34 16 00-0262		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0243)*		
23 34 16 00-0263		**Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0262)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	143.91	36.13
23 34 16 00-0265	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	157.04	36.13
23 34 16 00-0266	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	270.73	36.13
23 34 16 00-0267	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	276.81	36.13
23 34 16 00-0268	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	295.76	36.13
23 34 16 00-0269	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	307.87	36.13
23 34 16 00-0270	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	312.56	36.13
23 34 16 00-0271	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	354.85	36.13
23 34 16 00-0272	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	401.49	36.13
23 34 16 00-0273	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	428.06	36.13
23 34 16 00-0274	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	505.68	36.13
23 34 16 00-0275	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	643.95	36.13
23 34 16 00-0276		**Heavy Duty/Continuous Operation Kitchen Exhaust Fans** *(23 34 16 00-0262)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0277	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	280.36	36.13
23 34 16 00-0278	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	398.01	36.13
23 34 16 00-0279	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	419.79	36.13
23 34 16 00-0280		**Heavy Duty/Continuous Operation Exhaust Fans With Lights** *(23 34 16 00-0262)*		
23 34 16 00-0281	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	154.66	36.13
23 34 16 00-0282	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	167.00	36.13
23 34 16 00-0283		**Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans** *(23 34 16 00-0262)*		
23 34 16 00-0284	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	160.08	36.13
23 34 16 00-0285	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	168.25	36.13
23 34 16 00-0286	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	172.19	36.13
23 34 16 00-0287		**Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans** *(23 34 16 00-0243)*		
23 34 16 00-0288	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	690.43	36.13
23 34 16 00-0289	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	690.43	36.13
23 34 16 00-0290	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	690.43	36.13
23 34 16 00-0291	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	755.73	36.13
23 34 16 00-0292		**Room-To-Room Exhaust Fans** *(23 34 16 00-0243)*		
23 34 16 00-0293	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	121.03	36.13
23 34 16 00-0294	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	187.73	36.13
23 34 16 00-0295	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	212.04	36.13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0296		Through-Wall Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0297	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	199.33	36.13
23 34 16 00-0298	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	232.83	36.13
23 34 16 00-0299	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	176.30	36.13
23 34 16 00-0300	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	229.37	36.13
23 34 16 00-0301	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	386.48	36.13
23 34 16 00-0302		Exhaust Fan Accessories *(23 34 16 00-0243)*		
23 34 16 00-0303		Exhaust Fan Controls *(23 34 16 00-0302)*		
23 34 16 00-0304	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	111.01	22.58
23 34 16 00-0305	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	81.38	22.58
23 34 16 00-0306	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	82.08	22.58
23 34 16 00-0307		Roof And Wall Caps For Exhaust Fans *(23 34 16 00-0302)*		
23 34 16 00-0308		Wall Caps For Exhaust Fans *(23 34 16 00-0307)*		
23 34 16 00-0309	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	187.64	48.05
23 34 16 00-0310	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	189.97	48.05
23 34 16 00-0311		Roof Caps For Exhaust Fans *(23 34 16 00-0307)* Note: Includes flashing and built in bird screen.		
23 34 16 00-0312	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	163.56	48.05
23 34 16 00-0313	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	224.14	48.05
23 34 16 00-0314	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	117.00	48.05
23 34 16 00-0315	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	135.17	48.05
23 34 16 00-0316		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0243)* Note: Includes storage and cleaning.		
23 34 16 00-0317	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	66.36	

23 34 23 HVAC Power Ventilators *(23 34)*

23 34 23 00-0001		Power Roof Ventilators *(23 34 23)*		
23 34 23 00-0002		Direct Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)* Note: Greenheck G.		
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	510.90	126.53
		For 12" Roof Curb, Add	*143.64*	
		For Backdraft Damper, Add	*71.96*	
		For Solid State Speed Control, Add	*71.80*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	578.72	143.33
		For 12" Roof Curb, Add	*143.64*	
		For Backdraft Damper, Add	*71.96*	
		For Solid State Speed Control, Add	*71.80*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	816.35	167.22
		For 12" Roof Curb, Add	*146.95*	
		For Backdraft Damper, Add	*78.39*	
		For Solid State Speed Control, Add	*71.80*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	866.00	188.46
		For 12" Roof Curb, Add	*146.95*	
		For Backdraft Damper, Add	*78.39*	
		For Solid State Speed Control, Add	*71.80*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,079.75	207.92
		For Solid State Speed Control, Add	*71.80*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,199.27	221.19
		For 12" Roof Curb, Add	*152.47*	
		For Backdraft Damper, Add	*88.81*	
		For Solid State Speed Control, Add	*105.99*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0009		Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)* Note: Greenheck GB.		
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,080.71	188.46
		For 12" Roof Curb, Add	*146.95*	
		For Backdraft Damper, Add	*78.39*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,177.66	239.77
		For 12" Roof Curb, Add	*152.47*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,589.12	285.78
		For 12" Roof Curb, Add	*152.47*	
		For Backdraft Damper, Add	*88.81*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,025.55	353.91
		For 12" Roof Curb, Add	*178.94*	
		For Backdraft Damper, Add	*108.24*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,668.41	442.38
		For 12" Roof Curb, Add	*191.08*	
		For Backdraft Damper, Add	*117.67*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,445.85	552.98
		For 12" Roof Curb, Add	*209.83*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,472.32	552.98
		For 12" Roof Curb, Add	*209.83*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,758.05	552.98
		For 12" Roof Curb, Add	*209.83*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,839.81	552.98
		For 12" Roof Curb, Add	*209.83*	
		For Backdraft Damper, Add	*130.08*	
		For Damper Motor, Add	*120.89*	
23 34 23 00-0019		**Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)*		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	4,920.34	680.39
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	7,943.64	884.50
23 34 23 00-0022		**Belt Drive Supply Fans** *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	1,987.94	353.29
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,668.49	442.29
23 34 23 00-0025		**Fan Thermostat** *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	88.84	
23 34 23 00-0027		**Power Wall Ventilators** *(23 34 23)*		
23 34 23 00-0028		**Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)*		
23 34 23 00-0029		**Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)*		
		Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	617.28	142.45
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*89.12*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*75.04*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	708.98	167.22
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*99.55*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*89.16*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,047.80	188.46
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*112.96*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*103.29*	
23 34 23 00-0033		**Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)*		
		Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,421.31	106.66
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*107.98*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*156.02*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,505.58	120.11
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*107.98*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*156.02*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,843.56	137.40
		For Solid State Speed Control, Add	*105.99*	
		For Backdraft Damper, Add	*133.13*	
		For Damper Motor, Add	*191.24*	
		For Interior Wall Grill, Add	*181.18*	

23 34 33 Air Curtains *(23 34)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0001		Unheated Air Curtains For Entrances *(23 34 33)*		
23 34 33 00-0002		Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*		
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	1,839.87	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	1,865.07	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	1,892.37	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	2,343.87	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	2,662.29	778.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	2,819.79	778.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	3,127.28	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	3,756.23	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	3,836.03	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	4,048.13	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*281.88*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*209.39*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*322.14*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	2,257.77	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	2,290.32	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	2,303.97	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	2,330.22	648.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	3,619.89	778.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	3,781.59	778.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	4,029.23	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	4,588.88	898.04
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	4,647.68	898.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	4,876.58	898.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*244.76*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0024		**Service Window Unheated Air Curtains** *(23 34 33 00-0001)* Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls.	1,403.36	511.40
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0026		**Heated Air Curtains For Entrances** *(23 34 33)* Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	3,540.80	571.11
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	3,860.56	571.11
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	4,248.39	685.25
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,632.11	685.25
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	5,663.76	913.53
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	6,175.39	913.53
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	6,901.91	1,113.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	7,525.46	1,113.04
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	8,672.13	1,398.38
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	10,223.02	1,398.38
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	9,911.58	1,598.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	11,683.64	1,598.33
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	11,324.51	1,826.60
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	13,349.72	1,826.60
		For Door Limit Switch, Combination Roller And Plunger, Add	*103.55*	
		For Flat Side Extension Plates, Add	*122.38*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*244.76*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*293.71*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*310.02*	

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0063 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 00-0001 Dust Collector System *(23 35 13)*

23 35 13 00-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	2,847.85	768.69
23 35 13 00-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	3,226.63	912.82
23 35 13 00-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	3,850.26	1,056.94
23 35 13 00-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,420.55	1,249.12
23 35 13 00-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	8,443.30	1,388.82
23 35 13 00-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	10,202.47	1,620.29
23 35 13 00-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	11,683.87	1,851.77
23 35 13 00-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	13,168.08	2,129.53
23 35 13 00-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	14,713.50	2,407.29

23 35 13 00-0011 Vacuum Tubing And Accessories *(23 35 13)*

23 35 13 00-0012 Vacuum Tubing *(23 35 13 00-0011)*

23 35 13 00-0013 Flexible Hose *(23 35 13 00-0012)*

23 35 13 00-0014	LF	2" Flexible Hose	7.68	1.59
23 35 13 00-0015	LF	3" Flexible Hose	9.10	1.77
23 35 13 00-0016	LF	4" Flexible Hose	9.89	1.94

23 35 13 00-0017 Galvanized Vacuum Tubing *(23 35 13 00-0012)*

23 35 13 00-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	5.90	1.59
23 35 13 00-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	6.52	1.68
23 35 13 00-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	7.52	1.77
23 35 13 00-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	9.36	1.86
23 35 13 00-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	9.65	1.94
23 35 13 00-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	14.98	2.21
23 35 13 00-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	16.92	2.57
23 35 13 00-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	23.00	3.54
23 35 13 00-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	27.22	4.43
23 35 13 00-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	62.76	5.84

23 35 13 00-0028 Vacuum Fittings, Galvanized *(23 35 13 00-0011)*

23 35 13 00-0029 Reducer *(23 35 13 00-0028)*

23 35 13 00-0030	EA	3" Reducer, Vacuum Tubing, Galvanized	34.15	11.85
23 35 13 00-0031	EA	4" Reducer, Vacuum Tubing, Galvanized	37.69	12.83
23 35 13 00-0032	EA	5" Reducer, Vacuum Tubing, Galvanized	45.52	14.16
23 35 13 00-0033	EA	6" Reducer, Vacuum Tubing, Galvanized	49.58	15.75
23 35 13 00-0034	EA	8" Reducer, Vacuum Tubing, Galvanized	57.28	17.69

23 35 13 00-0035 90 Degree Elbow *(23 35 13 00-0011)*

23 35 13 00-0036	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	31.76	10.17
23 35 13 00-0037	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	37.67	10.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 00-0038	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	45.21	11.85
23 35 13 00-0039	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	52.26	12.83
23 35 13 00-0040	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	61.10	14.16
23 35 13 00-0041	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	93.37	15.75
23 35 13 00-0042	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	120.75	17.69
23 35 13 00-0043	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	208.57	23.62
23 35 13 00-0044		45 Degree Elbow *(23 35 13 00-0011)*		
23 35 13 00-0045	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	30.39	10.17
23 35 13 00-0046	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	36.54	10.88
23 35 13 00-0047	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	41.41	11.85
23 35 13 00-0048	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	47.98	12.83
23 35 13 00-0049	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	57.15	14.16
23 35 13 00-0050	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	79.66	15.75
23 35 13 00-0051	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	100.58	17.69
23 35 13 00-0052	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	174.68	23.62
23 35 13 00-0053		Wye *(23 35 13 00-0011)*		
23 35 13 00-0054	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	56.11	16.81
23 35 13 00-0055	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	65.28	18.13
23 35 13 00-0056	EA	3" Wye, Vacuum Tubing, Galvanized	77.14	19.46
23 35 13 00-0057	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	91.28	21.68
23 35 13 00-0058	EA	4" Wye, Vacuum Tubing, Galvanized	116.59	23.45
23 35 13 00-0059	EA	5" Wye, Vacuum Tubing, Galvanized	183.28	26.10
23 35 13 00-0060	EA	6" Wye, Vacuum Tubing, Galvanized	237.57	29.64
23 35 13 00-0061	EA	8" Wye, Vacuum Tubing, Galvanized	443.05	32.29
23 35 13 00-0062	EA	10" Wye, Vacuum Tubing, Galvanized	604.22	35.39
23 35 13 00-0063	EA	12" Wye, Vacuum Tubing, Galvanized	758.41	39.64
23 35 13 00-0064		Air Gate Valve, Galvanized *(23 35 13 00-0011)*		
23 35 13 00-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	178.03	23.62
23 35 13 00-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	187.00	25.22
23 35 13 00-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	213.27	27.16
23 35 13 00-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	240.39	29.02
23 35 13 00-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	269.59	30.79
23 35 13 00-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	317.01	35.12
23 35 13 00-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	363.68	39.37
23 35 16		**Engine Exhaust Systems** *(23 35)*		
23 35 16 16		**Mechanical Engine Exhaust Systems** *(23 35 16)*		
23 35 16 16-0001		Overhead Tailpipe Exhaust System *(23 35 16 16)*		
23 35 16 16-0002		Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0001)*		
23 35 16 16-0003		Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	2,094.70	188.46
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	2,518.36	384.87
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,465.76	466.27
23 35 16 16-0007		Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,454.57	384.87
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,646.35	466.27
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	3,269.21	737.89
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,028.28	952.01
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,052.80	1,134.27
23 35 16 16-0013		Spiral Exhaust Duct Accessories *(23 35 16 16-0001)*		
23 35 16 16-0014		Flex Hose x Length *(23 35 16 16-0013)*		
		Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	158.75	46.89
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	128.79	46.89
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	241.14	74.32
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	191.07	74.32
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	328.87	117.67
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	310.95	117.67
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	495.54	186.68
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	457.86	186.68
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	182.64	46.89
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	258.58	74.32
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	148.13	46.89
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	207.38	74.32
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,745.64	63.18
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,465.05	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,627.30	115.91
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	76.10	9.03
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	86.07	9.03

23 35 16 16-0033 Flexible Hose *(23 35 16 16-0013)*

23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	21.93	2.21
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	27.66	2.48
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	32.65	2.57
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	38.34	2.75
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	13.45	2.21
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	15.69	2.48
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	17.86	2.57
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	19.84	2.75

23 35 16 16-0042 Accessories *(23 35 16 16-0001)*

23 35 16 16-0043	EA	3" Tail Pipe Adapter	62.79	6.63
23 35 16 16-0044	EA	4" Tail Pipe Adapter	64.77	6.63
23 35 16 16-0045	EA	5" Tail Pipe Adapter	68.52	7.52
23 35 16 16-0046	EA	3" Bullnose (Guide)	34.16	4.43
23 35 16 16-0047	EA	4" Bullnose (Guide)	36.14	4.87
23 35 16 16-0048	EA	5" Bullnose (Guide)	38.46	5.31
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	233.63	50.17
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.16	

23 35 19 Fume Exhaust *(23 35)*

23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	1,603.00	353.64
23 35 19 00-0002	EA	Hose Extension Kit 5'	296.99	78.56

23 36 Air Terminal Units *(23 30)*

23 36 13 Constant-Air-Volume Units *(23 36)*

23 36 13 00-0001 Vertical Units, With Electric Heating Coils *(23 36 13)*

23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,281.20	118.99
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,540.29	128.15
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,643.02	132.73
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	1,754.91	141.88
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	1,978.72	146.46

23 36 13 00-0007 Horizontal Units, With Electric Heating Coils *(23 36 13)*

23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,088.66	118.99
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,299.51	128.15
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	1,549.41	135.02

23 36 13 00-0011 Duct Boxes, Constant Volume Control *(23 36 13)*

23 36 13 00-0012 Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	880.62	36.51
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	974.21	39.40
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,014.08	43.24
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,033.37	45.16
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,052.00	49.97
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,202.59	55.73
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	1,264.85	62.45
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	1,348.96	74.95
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	1,432.53	86.48
		For Boxes With Motor, Add	*20.00*	

23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,227.10	36.51
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	1,313.31	39.40
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	1,372.44	43.24
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	1,429.92	45.16
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	1,448.55	49.97
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	1,664.00	56.69
		For Boxes With Motor, Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	1,820.13	62.45
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	1,966.06	74.95
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	2,059.45	86.48
		For Boxes With Motor, Add	*20.00*	

23 36 16 Variable-Air-Volume Units *(23 36)*

23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	279.03	44.20
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	314.34	49.97
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	352.02	55.73
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	382.67	62.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 - 3,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	519.60	134.42
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 - 4,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	677.33	159.50
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	462.05	44.20
		For Fan Powered Variable Air Volume Box, Add	*390.10*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	505.95	49.97
		For Fan Powered Variable Air Volume Box, Add	*419.12*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	540.33	55.73
		For Fan Powered Variable Air Volume Box, Add	*434.41*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	574.28	62.45
		For Fan Powered Variable Air Volume Box, Add	*448.92*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	693.37	134.42
		For Fan Powered Variable Air Volume Box, Add	*509.66*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	865.64	159.50
		For Fan Powered Variable Air Volume Box, Add	*566.31*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0016 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With analog electronic controls.

23 36 16 00-0017	EA	6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls	690.01	44.20
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls	728.62	49.97
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 - 1,400 CFM, Variable Air Volume Box With analog electronic controls	766.31	55.73
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 - 2,000 CFM, Variable Air Volume Box With analog electronic controls	812.81	62.45
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 - 3,000 CFM, Variable Air Volume Box With analog electronic controls	932.56	134.42
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 - 4,000 CFM, Variable Air Volume Box With analog electronic controls	945.77	134.42
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With flow control installation, plenum system power box, thermostat.

23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	508.33	87.34
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	560.90	99.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	608.02	112.32
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	669.56	125.30
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	756.86	144.13
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	850.00	172.95
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) *(23 36 16 00-0001)*		
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	396.95	60.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	431.96	66.05
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	467.72	72.06
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	504.29	78.07
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	541.77	84.07
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	580.16	90.08
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	622.16	96.08
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	662.84	102.09
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	704.67	108.10
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	747.74	114.10
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	792.17	120.11
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	838.00	126.11
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	885.37	132.12
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	930.85	138.12
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	981.34	144.13
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets And Inlets *(23 30)*

23 37 13 Diffusers, Registers, And Grilles *(23 37)*

23 37 13 00-0001 Wall And Floor Diffusers *(23 37 13)*

23 37 13 00-0002 Slot Type Linear Diffusers *(23 37 13 00-0001)*

Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.

23 37 13 00-0003	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	35.76	4.81
		For 3/4" Border, Add	*3.90*	
		For Floor Mounted Diffusers, Add	*4.67*	
		For Stainless Steel, Add	*20.25*	
23 37 13 00-0004	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	42.86	5.76
		For 3/4" Border, Add	*5.19*	
		For Floor Mounted Diffusers, Add	*6.23*	
		For Stainless Steel, Add	*27.00*	
23 37 13 00-0005	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	57.71	6.73
		For 3/4" Border, Add	*8.18*	
		For Floor Mounted Diffusers, Add	*9.82*	
		For Stainless Steel, Add	*42.54*	
23 37 13 00-0006	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	74.59	6.73
		For 3/4" Border, Add	*11.69*	
		For Floor Mounted Diffusers, Add	*14.02*	
		For Stainless Steel, Add	*60.76*	
23 37 13 00-0007	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	92.51	7.69
		For 3/4" Border, Add	*15.19*	
		For Floor Mounted Diffusers, Add	*18.23*	
		For Stainless Steel, Add	*79.00*	
23 37 13 00-0008	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	108.16	9.61
		For 3/4" Border, Add	*17.92*	
		For Floor Mounted Diffusers, Add	*21.50*	
		For Stainless Steel, Add	*93.17*	

23 37 13 00-0009 Linear Bar Grilles And Registers *(23 37 13 00-0001)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 00-0010	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	97.40	5.76
		For Floor Mount, Add	*7.53*	
		For Opposed Blade Damper, Add	*15.06*	
		For Stainless Steel, Add	*97.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0011	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	115.88	6.73
		For Floor Mount, Add	*9.09*	
		For Opposed Blade Damper, Add	*18.18*	
		For Stainless Steel, Add	*118.16*	
23 37 13 00-0012	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	126.53	6.73
		For Floor Mount, Add	*9.87*	
		For Opposed Blade Damper, Add	*19.74*	
		For Stainless Steel, Add	*128.28*	
23 37 13 00-0013	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	155.94	9.61
		For Floor Mount, Add	*11.95*	
		For Opposed Blade Damper, Add	*23.89*	
		For Stainless Steel, Add	*155.29*	
23 37 13 00-0014	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	215.19	12.49
		For Floor Mount, Add	*16.62*	
		For Opposed Blade Damper, Add	*33.24*	
		For Stainless Steel, Add	*216.06*	
23 37 13 00-0015	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	249.21	14.42
		For Floor Mount, Add	*18.96*	
		For Opposed Blade Damper, Add	*37.91*	
		For Stainless Steel, Add	*246.44*	

23 37 13 00-0016 Ceiling Diffusers *(23 37 13)*

23 37 13 00-0017 Ceiling Diffusers With Perforated Face *(23 37 13 00-0016)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 00-0018	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	79.74	12.49
		For Steel Construction, Deduct	*-4.55*	
		For Surface Mount, Deduct	*-3.64*	
		For Diffuser Without Damper, Deduct	*-6.07*	
		For Stainless Steel, Add	*75.83*	
23 37 13 00-0019	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	86.48	12.49
		For Steel Construction, Deduct	*-5.56*	
		For Surface Mount, Deduct	*-4.45*	
		For Diffuser Without Damper, Deduct	*-7.41*	
		For Stainless Steel, Add	*92.68*	
23 37 13 00-0020	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	86.48	12.49
		For Steel Construction, Deduct	*-5.56*	
		For Surface Mount, Deduct	*-4.45*	
		For Diffuser Without Damper, Deduct	*-7.41*	
		For Stainless Steel, Add	*92.68*	
23 37 13 00-0021	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	104.01	15.37
		For Steel Construction, Deduct	*-6.66*	
		For Surface Mount, Deduct	*-5.32*	
		For Diffuser Without Damper, Deduct	*-8.87*	
		For Stainless Steel, Add	*110.93*	
23 37 13 00-0022	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	104.01	14.42
		For Steel Construction, Deduct	*-6.66*	
		For Surface Mount, Deduct	*-5.32*	
		For Diffuser Without Damper, Deduct	*-8.87*	
		For Stainless Steel, Add	*110.93*	
23 37 13 00-0023	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	116.37	14.42
		For Steel Construction, Deduct	*-8.51*	
		For Surface Mount, Deduct	*-6.81*	
		For Diffuser Without Damper, Deduct	*-11.35*	
		For Stainless Steel, Add	*141.83*	
23 37 13 00-0024	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	135.88	19.21
		For Steel Construction, Deduct	*-9.15*	
		For Surface Mount, Deduct	*-7.32*	
		For Diffuser Without Damper, Deduct	*-12.20*	
		For Stainless Steel, Add	*152.50*	
23 37 13 00-0025	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	154.78	20.18
		For Steel Construction, Deduct	*-11.42*	
		For Surface Mount, Deduct	*-9.14*	
		For Diffuser Without Damper, Deduct	*-15.23*	
		For Stainless Steel, Add	*190.40*	
23 37 13 00-0026	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	176.21	23.06
		For Steel Construction, Deduct	*-12.71*	
		For Surface Mount, Deduct	*-10.16*	
		For Lay-In Mount, Deduct	*-10.16*	
		For Diffuser Without Damper, Deduct	*-16.94*	
		For Stainless Steel, Add	*211.75*	

23 37 13 00-0027 Ceiling Diffusers With Louver Face *(23 37 13 00-0016)*

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 00-0028	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	81.99	12.49
		For Steel Construction, Deduct	*-4.89*	
		For Lay-In Mount, Add	*6.52*	
		For Stainless Steel, Add	*81.45*	
23 37 13 00-0029	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	90.75	12.49
		For Steel Construction, Deduct	*-6.20*	
		For Lay-In Mount, Add	*8.27*	
		For Stainless Steel, Add	*103.35*	
23 37 13 00-0030	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	90.75	12.49
		For Steel Construction, Deduct	*-6.20*	
		For Lay-In Mount, Add	*8.27*	
		For Stainless Steel, Add	*103.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0031	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	109.07	14.42
		For Steel Construction, Deduct	*-7.41*	
		For Lay-In Mount, Add	*9.89*	
		For Stainless Steel, Add	*123.58*	
23 37 13 00-0032	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	109.07	15.37
		For Steel Construction, Deduct	*-7.41*	
		For Lay-In Mount, Add	*9.89*	
		For Stainless Steel, Add	*123.58*	
23 37 13 00-0033	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	139.91	19.21
		For Steel Construction, Deduct	*-9.71*	
		For Lay-In Mount, Add	*12.94*	
		For Stainless Steel, Add	*161.78*	
23 37 13 00-0034	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	128.00	19.21
		For Steel Construction, Deduct	*-7.92*	
		For Lay-In Mount, Add	*10.56*	
		For Stainless Steel, Add	*132.00*	
23 37 13 00-0035	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	158.77	23.06
		For Steel Construction, Deduct	*-10.16*	
		For Lay-In Mount, Add	*13.55*	
		For Stainless Steel, Add	*169.35*	
23 37 13 00-0036	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	180.23	25.94
		For Steel Construction, Deduct	*-12.64*	
		For Lay-In Mount, Add	*16.85*	
		For Stainless Steel, Add	*210.63*	
23 37 13 00-0037	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	195.77	50.83
		For Steel Construction, Deduct	*-14.10*	
		For Lay-In Mount, Add	*18.81*	
		For Stainless Steel, Add	*235.08*	

23 37 13 00-0038 Round Ceiling Diffusers With Fixed Pattern *(23 37 13 00-0016)*

Note: Aluminum construction.

23 37 13 00-0039	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	122.33	12.49
		For Steel Construction, Deduct	*-21.88*	
		For Stainless Steel, Add	*182.30*	
23 37 13 00-0040	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	126.07	12.49
		For Steel Construction, Deduct	*-23.00*	
		For Stainless Steel, Add	*191.65*	
23 37 13 00-0041	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	143.78	15.37
		For Steel Construction, Deduct	*-25.24*	
		For Stainless Steel, Add	*210.35*	
23 37 13 00-0042	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	153.12	14.42
		For Steel Construction, Deduct	*-28.04*	
		For Stainless Steel, Add	*233.70*	
23 37 13 00-0043	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	213.15	17.29
		For Steel Construction, Deduct	*-43.19*	
		For Stainless Steel, Add	*359.93*	
23 37 13 00-0044	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	224.44	18.26
		For Steel Construction, Deduct	*-45.71*	
		For Stainless Steel, Add	*380.95*	
23 37 13 00-0045	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	235.99	19.21
		For Steel Construction, Deduct	*-48.24*	
		For Stainless Steel, Add	*401.98*	
23 37 13 00-0046	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	269.74	19.21
		For Steel Construction, Deduct	*-57.34*	
		For Stainless Steel, Add	*477.80*	
23 37 13 00-0047	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	319.15	22.10
		For Steel Construction, Deduct	*-69.80*	
		For Stainless Steel, Add	*581.68*	
23 37 13 00-0048	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	356.94	23.06
		For Steel Construction, Deduct	*-79.77*	
		For Stainless Steel, Add	*664.78*	
23 37 13 00-0049	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	423.74	25.94
		For Steel Construction, Deduct	*-96.60*	
		For Stainless Steel, Add	*805.00*	

23 37 13 00-0050 Round Ceiling Diffusers With Adjustable Pattern Dropped Style *(23 37 13 00-0016)*

Note: Aluminum construction.

23 37 13 00-0051	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	127.94	12.49
		For Steel Construction, Deduct	*-7.85*	
		For Flush Mount, Deduct	*-3.93*	
		For Stainless Steel, Add	*196.33*	
23 37 13 00-0052	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	137.60	12.49
		For Steel Construction, Deduct	*-8.82*	
		For Flush Mount, Deduct	*-4.41*	
		For Stainless Steel, Add	*220.48*	
23 37 13 00-0053	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	157.28	15.37
		For Steel Construction, Deduct	*-9.76*	
		For Flush Mount, Deduct	*-4.88*	
		For Stainless Steel, Add	*244.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0054	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	168.08	15.37
		For Steel Construction, Deduct	*-10.84*	
		For Flush Mount, Deduct	*-5.42*	
		For Stainless Steel, Add	*271.10*	
23 37 13 00-0055	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	237.45	17.29
		For Steel Construction, Deduct	*-16.83*	
		For Flush Mount, Deduct	*-8.41*	
		For Stainless Steel, Add	*420.68*	
23 37 13 00-0056	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	187.00	18.26
		For Steel Construction, Deduct	*-17.98*	
		For Flush Mount, Deduct	*-8.99*	
		For Stainless Steel, Add	*449.50*	
23 37 13 00-0057	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	266.53	19.21
		For Steel Construction, Deduct	*-19.13*	
		For Flush Mount, Deduct	*-9.57*	
		For Stainless Steel, Add	*478.33*	
23 37 13 00-0058	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	306.10	20.18
		For Steel Construction, Deduct	*-22.75*	
		For Flush Mount, Deduct	*-11.37*	
		For Stainless Steel, Add	*568.70*	
23 37 13 00-0059	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	344.91	22.10
		For Steel Construction, Deduct	*-25.84*	
		For Flush Mount, Deduct	*-12.92*	
		For Stainless Steel, Add	*646.08*	
23 37 13 00-0060	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	413.03	23.06
		For Steel Construction, Deduct	*-32.20*	
		For Flush Mount, Deduct	*-16.10*	
		For Stainless Steel, Add	*805.00*	
23 37 13 00-0061	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	494.58	25.94
		For Steel Construction, Deduct	*-39.28*	
		For Flush Mount, Deduct	*-19.64*	
		For Stainless Steel, Add	*982.10*	
23 37 13 00-0062	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	546.24	54.09
		For Stainless Steel, Add	*1,095.35*	

23 37 13 00-0063 Linear Type Ceiling Diffusers With 2-Way Air Deflection *(23 37 13 00-0016)*

23 37 13 00-0064	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	104.83	14.42
		For Stainless Steel, Add	*117.95*	
23 37 13 00-0065	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	111.25	14.42
		For Stainless Steel, Add	*134.00*	
23 37 13 00-0066	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	119.14	14.42
		For Stainless Steel, Add	*153.73*	
23 37 13 00-0067	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	126.83	14.42
		For Stainless Steel, Add	*172.95*	

23 37 13 00-0068 Return/Exhaust Registers And Grilles *(23 37 13)*

23 37 13 00-0069 Return/Exhaust Registers With Frame *(23 37 13 00-0068)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 00-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	71.63	7.69
		For Steel Construction, Deduct	*-8.36*	
		For Grilles (No Damper), Deduct	*-16.72*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*4.18*	
		For Cube Core Lay In, Add	*8.36*	
		For Stainless Steel, Add	*104.53*	
23 37 13 00-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	80.72	7.69
		For Steel Construction, Deduct	*-10.18*	
		For Grilles (No Damper), Deduct	*-20.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.09*	
		For Cube Core Lay In, Add	*10.18*	
		For Stainless Steel, Add	*127.25*	
23 37 13 00-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	90.94	8.65
		For Steel Construction, Deduct	*-11.27*	
		For Grilles (No Damper), Deduct	*-22.54*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.64*	
		For Cube Core Lay In, Add	*11.27*	
		For Stainless Steel, Add	*140.88*	
23 37 13 00-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	96.57	9.61
		For Steel Construction, Deduct	*-11.27*	
		For Grilles (No Damper), Deduct	*-22.54*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.64*	
		For Cube Core Lay In, Add	*11.27*	
		For Stainless Steel, Add	*140.88*	
23 37 13 00-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	92.93	9.61
		For Steel Construction, Deduct	*-10.54*	
		For Grilles (No Damper), Deduct	*-21.08*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.27*	
		For Cube Core Lay In, Add	*10.54*	
		For Stainless Steel, Add	*131.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	118.49	12.49
		For Steel Construction, Deduct	*-13.82*	
		For Grilles (No Damper), Deduct	*-27.63*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.91*	
		For Cube Core Lay In, Add	*13.82*	
		For Stainless Steel, Add	*172.70*	
23 37 13 00-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	142.11	14.42
		For Steel Construction, Deduct	*-16.49*	
		For Grilles (No Damper), Deduct	*-32.99*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*8.25*	
		For Cube Core Lay In, Add	*16.49*	
		For Stainless Steel, Add	*206.18*	
23 37 13 00-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	172.79	17.29
		For Steel Construction, Deduct	*-20.72*	
		For Grilles (No Damper), Deduct	*-41.44*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.36*	
		For Cube Core Lay In, Add	*20.72*	
		For Stainless Steel, Add	*259.03*	
23 37 13 00-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	200.67	19.21
		For Steel Construction, Deduct	*-25.09*	
		For Grilles (No Damper), Deduct	*-50.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.55*	
		For Cube Core Lay In, Add	*25.09*	
		For Stainless Steel, Add	*313.68*	
23 37 13 00-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	183.56	19.21
		For Steel Construction, Deduct	*-20.99*	
		For Grilles (No Damper), Deduct	*-41.98*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.49*	
		For Cube Core Lay In, Add	*20.99*	
		For Stainless Steel, Add	*262.35*	
23 37 13 00-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	205.86	19.21
		For Steel Construction, Deduct	*-25.45*	
		For Grilles (No Damper), Deduct	*-50.90*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.72*	
		For Cube Core Lay In, Add	*25.45*	
		For Stainless Steel, Add	*318.10*	
23 37 13 00-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	218.36	22.10
		For Steel Construction, Deduct	*-26.38*	
		For Grilles (No Damper), Deduct	*-52.75*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*13.19*	
		For Cube Core Lay In, Add	*26.38*	
		For Stainless Steel, Add	*329.70*	
23 37 13 00-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	231.19	23.06
		For Steel Construction, Deduct	*-28.03*	
		For Grilles (No Damper), Deduct	*-56.06*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*14.02*	
		For Cube Core Lay In, Add	*28.03*	
		For Stainless Steel, Add	*350.40*	
23 37 13 00-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	265.33	25.94
		For Steel Construction, Deduct	*-32.72*	
		For Grilles (No Damper), Deduct	*-65.44*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*16.36*	
		For Cube Core Lay In, Add	*32.72*	
		For Stainless Steel, Add	*408.98*	
23 37 13 00-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	300.58	30.74
		For Steel Construction, Deduct	*-35.41*	
		For Grilles (No Damper), Deduct	*-70.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*17.70*	
		For Cube Core Lay In, Add	*35.41*	
		For Stainless Steel, Add	*442.60*	
23 37 13 00-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	377.55	30.74
		For Steel Construction, Deduct	*-50.80*	
		For Grilles (No Damper), Deduct	*-101.60*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*25.40*	
		For Cube Core Lay In, Add	*50.80*	
		For Stainless Steel, Add	*635.03*	
23 37 13 00-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	324.29	33.63
		For Steel Construction, Deduct	*-38.25*	
		For Grilles (No Damper), Deduct	*-76.50*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*19.13*	
		For Cube Core Lay In, Add	*38.25*	
		For Stainless Steel, Add	*478.13*	
23 37 13 00-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	316.98	32.67
		For Steel Construction, Deduct	*-36.79*	
		For Grilles (No Damper), Deduct	*-73.58*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*18.39*	
		For Cube Core Lay In, Add	*36.79*	
		For Stainless Steel, Add	*459.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	358.34	36.51
		For Steel Construction, Deduct	*-42.84*	
		For Grilles (No Damper), Deduct	*-85.68*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*21.42*	
		For Cube Core Lay In, Add	*42.84*	
		For Stainless Steel, Add	*535.53*	
23 37 13 00-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	472.50	39.40
		For Steel Construction, Deduct	*-63.05*	
		For Grilles (No Damper), Deduct	*-126.11*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*31.53*	
		For Cube Core Lay In, Add	*63.05*	
		For Stainless Steel, Add	*788.18*	
23 37 13 00-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	216.24	22.19
		For Steel Construction, Deduct	*-25.51*	
		For Grilles (No Damper), Deduct	*-51.02*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.76*	
		For Cube Core Lay In, Add	*25.51*	
		For Stainless Steel, Add	*318.90*	
23 37 13 00-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	390.24	39.29
		For Steel Construction, Deduct	*-46.60*	
		For Grilles (No Damper), Deduct	*-93.20*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*23.30*	
		For Cube Core Lay In, Add	*46.60*	
		For Stainless Steel, Add	*582.53*	
23 37 13 00-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	411.51	38.43
		For Steel Construction, Deduct	*-53.48*	
		For Grilles (No Damper), Deduct	*-106.95*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*26.74*	
		For Cube Core Lay In, Add	*53.48*	
		For Stainless Steel, Add	*668.45*	

23 37 13 00-0093 Return/Exhaust Registers Removable-Reversible *(23 37 13 00-0068)*

Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.

23 37 13 00-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	66.90	7.69
		For Steel Construction, Deduct	*-3.71*	
		For Flat Frame, Deduct	*-0.37*	
		For Grilles (No Damper), Deduct	*-7.42*	
		For Stainless Steel, Add	*92.70*	
23 37 13 00-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	66.90	7.69
		For Steel Construction, Deduct	*-3.71*	
		For Flat Frame, Deduct	*-0.37*	
		For Grilles (No Damper), Deduct	*-7.42*	
		For Stainless Steel, Add	*92.70*	
23 37 13 00-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	81.49	8.65
		For Steel Construction, Deduct	*-4.69*	
		For Flat Frame, Deduct	*-0.47*	
		For Grilles (No Damper), Deduct	*-9.38*	
		For Stainless Steel, Add	*117.25*	
23 37 13 00-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	93.66	10.57
		For Steel Construction, Deduct	*-5.34*	
		For Flat Frame, Deduct	*-0.53*	
		For Grilles (No Damper), Deduct	*-10.69*	
		For Stainless Steel, Add	*133.60*	
23 37 13 00-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	92.57	9.61
		For Steel Construction, Deduct	*-5.24*	
		For Flat Frame, Deduct	*-0.52*	
		For Grilles (No Damper), Deduct	*-10.47*	
		For Stainless Steel, Add	*130.88*	
23 37 13 00-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	119.21	12.49
		For Steel Construction, Deduct	*-6.98*	
		For Flat Frame, Deduct	*-0.70*	
		For Grilles (No Damper), Deduct	*-13.96*	
		For Stainless Steel, Add	*174.50*	
23 37 13 00-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	185.79	15.37
		For Steel Construction, Deduct	*-12.62*	
		For Flat Frame, Deduct	*-1.26*	
		For Grilles (No Damper), Deduct	*-25.23*	
		For Stainless Steel, Add	*315.38*	
23 37 13 00-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	222.96	17.29
		For Steel Construction, Deduct	*-15.38*	
		For Flat Frame, Deduct	*-1.54*	
		For Grilles (No Damper), Deduct	*-30.76*	
		For Stainless Steel, Add	*384.45*	
23 37 13 00-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	250.80	19.21
		For Steel Construction, Deduct	*-17.56*	
		For Flat Frame, Deduct	*-1.76*	
		For Grilles (No Damper), Deduct	*-35.12*	
		For Stainless Steel, Add	*439.00*	
23 37 13 00-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	213.86	19.21
		For Steel Construction, Deduct	*-13.52*	
		For Flat Frame, Deduct	*-1.35*	
		For Grilles (No Damper), Deduct	*-27.05*	
		For Stainless Steel, Add	*338.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	279.30	20.18
		For Steel Construction, Deduct	*-20.07*	
		For Flat Frame, Deduct	*-2.01*	
		For Grilles (No Damper), Deduct	*-40.14*	
		For Stainless Steel, Add	*501.70*	
23 37 13 00-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	324.24	22.10
		For Steel Construction, Deduct	*-23.78*	
		For Flat Frame, Deduct	*-2.38*	
		For Grilles (No Damper), Deduct	*-47.55*	
		For Stainless Steel, Add	*594.40*	
23 37 13 00-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	256.81	23.06
		For Steel Construction, Deduct	*-16.58*	
		For Flat Frame, Deduct	*-1.66*	
		For Grilles (No Damper), Deduct	*-33.16*	
		For Stainless Steel, Add	*414.45*	
23 37 13 00-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	346.05	25.94
		For Steel Construction, Deduct	*-24.43*	
		For Flat Frame, Deduct	*-2.44*	
		For Grilles (No Damper), Deduct	*-48.86*	
		For Stainless Steel, Add	*610.78*	
23 37 13 00-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	416.93	30.74
		For Steel Construction, Deduct	*-29.34*	
		For Flat Frame, Deduct	*-2.93*	
		For Grilles (No Damper), Deduct	*-58.68*	
		For Stainless Steel, Add	*733.48*	
23 37 13 00-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	472.00	30.74
		For Steel Construction, Deduct	*-34.85*	
		For Flat Frame, Deduct	*-3.48*	
		For Grilles (No Damper), Deduct	*-69.69*	
		For Stainless Steel, Add	*871.15*	
23 37 13 00-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	336.99	32.67
		For Steel Construction, Deduct	*-20.40*	
		For Flat Frame, Deduct	*-2.04*	
		For Grilles (No Damper), Deduct	*-40.79*	
		For Stainless Steel, Add	*509.88*	
23 37 13 00-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	441.70	32.67
		For Steel Construction, Deduct	*-30.87*	
		For Flat Frame, Deduct	*-3.09*	
		For Grilles (No Damper), Deduct	*-61.73*	
		For Stainless Steel, Add	*771.65*	
23 37 13 00-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	508.41	36.51
		For Steel Construction, Deduct	*-36.43*	
		For Flat Frame, Deduct	*-3.64*	
		For Grilles (No Damper), Deduct	*-72.86*	
		For Stainless Steel, Add	*910.70*	
23 37 13 00-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	590.77	39.40
		For Steel Construction, Deduct	*-43.35*	
		For Flat Frame, Deduct	*-4.34*	
		For Grilles (No Damper), Deduct	*-86.71*	
		For Stainless Steel, Add	*1,083.85*	
23 37 13 00-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	621.30	39.40
		For Steel Construction, Deduct	*-46.41*	
		For Flat Frame, Deduct	*-4.64*	
		For Grilles (No Damper), Deduct	*-92.81*	
		For Stainless Steel, Add	*1,160.18*	

23 37 13 00-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 00-0068)*

23 37 13 00-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	40.20	9.38
23 37 13 00-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	40.20	9.38
23 37 13 00-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	42.90	9.38
23 37 13 00-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	43.98	9.38
23 37 13 00-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	42.90	9.38
23 37 13 00-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	43.98	9.38
23 37 13 00-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	53.92	12.30
23 37 13 00-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	55.00	12.30
23 37 13 00-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	52.83	12.30
23 37 13 00-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	55.00	12.30
23 37 13 00-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	56.08	12.30
23 37 13 00-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.16	12.30
23 37 13 00-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	55.54	12.30
23 37 13 00-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.70	12.30
23 37 13 00-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	58.78	12.30
23 37 13 00-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	63.64	12.30
23 37 13 00-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.70	12.30
23 37 13 00-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	61.48	12.30
23 37 13 00-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	63.64	12.30
23 37 13 00-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	84.04	18.13
23 37 13 00-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	85.12	18.13
23 37 13 00-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	82.96	18.13
23 37 13 00-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	100.45	21.05
23 37 13 00-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	81.87	18.13
23 37 13 00-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	105.86	21.05
23 37 13 00-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	56.62	12.30
23 37 13 00-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	82.96	18.13
23 37 13 00-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	119.03	23.98
23 37 13 00-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	81.87	18.13
23 37 13 00-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	84.04	18.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	97.21	21.05
		For Lay-In Installation, Deduct	*-44.48*	
23 37 13 00-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	100.45	21.05
23 37 13 00-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	112.55	23.98
23 37 13 00-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	115.79	23.98
23 37 13 00-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	119.57	23.98
23 37 13 00-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	126.60	23.98
		For Lay-In Installation, Deduct	*-50.92*	
23 37 13 00-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	98.83	21.05
23 37 13 00-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	152.60	26.28
23 37 13 00-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	248.66	32.12
		For Lay-In Installation, Deduct	*-73.28*	

23 37 13 00-0155 Supply Registers and Grilles *(23 37 13)*

23 37 13 00-0156 Adjustable Curved Blade Register *(23 37 13 00-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 00-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	61.55	7.69
		For Steel Construction, Deduct	*-4.77*	
		For Lay In Frame, Deduct	*-7.95*	
		For Three Way Pattern, Deduct	*-3.18*	
		For Two Way Pattern, Deduct	*-2.54*	
		For One Way Pattern, Deduct	*-2.54*	
		For Grille (No Damper), Deduct	*-4.77*	
		For Stainless Steel, Add	*79.45*	
23 37 13 00-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	63.42	7.69
		For Steel Construction, Deduct	*-5.05*	
		For Lay In Frame, Deduct	*-8.41*	
		For Three Way Pattern, Deduct	*-3.37*	
		For Two Way Pattern, Deduct	*-2.69*	
		For One Way Pattern, Deduct	*-2.69*	
		For Grille (No Damper), Deduct	*-5.05*	
		For Stainless Steel, Add	*84.13*	
23 37 13 00-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	72.10	10.57
		For Steel Construction, Deduct	*-4.77*	
		For Lay In Frame, Deduct	*-7.95*	
		For Three Way Pattern, Deduct	*-3.18*	
		For Two Way Pattern, Deduct	*-2.54*	
		For One Way Pattern, Deduct	*-2.54*	
		For Grille (No Damper), Deduct	*-4.77*	
		For Stainless Steel, Add	*79.45*	
23 37 13 00-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	78.96	9.61
		For Steel Construction, Deduct	*-5.80*	
		For Lay In Frame, Deduct	*-9.66*	
		For Three Way Pattern, Deduct	*-3.86*	
		For Two Way Pattern, Deduct	*-3.09*	
		For One Way Pattern, Deduct	*-3.09*	
		For Grille (No Damper), Deduct	*-5.80*	
		For Stainless Steel, Add	*96.60*	
23 37 13 00-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	95.11	12.49
		For Steel Construction, Deduct	*-6.92*	
		For Lay In Frame, Deduct	*-11.53*	
		For Three Way Pattern, Deduct	*-4.61*	
		For Two Way Pattern, Deduct	*-3.69*	
		For One Way Pattern, Deduct	*-3.69*	
		For Grille (No Damper), Deduct	*-6.92*	
		For Stainless Steel, Add	*115.30*	
23 37 13 00-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	116.98	14.42
		For Steel Construction, Deduct	*-8.60*	
		For Lay In Frame, Deduct	*-14.34*	
		For Three Way Pattern, Deduct	*-5.73*	
		For Two Way Pattern, Deduct	*-4.59*	
		For One Way Pattern, Deduct	*-4.59*	
		For Grille (No Damper), Deduct	*-8.60*	
		For Stainless Steel, Add	*143.35*	
23 37 13 00-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	116.98	14.42
		For Steel Construction, Deduct	*-8.60*	
		For Lay In Frame, Deduct	*-14.34*	
		For Three Way Pattern, Deduct	*-5.73*	
		For Two Way Pattern, Deduct	*-4.59*	
		For One Way Pattern, Deduct	*-4.59*	
		For Grille (No Damper), Deduct	*-8.60*	
		For Stainless Steel, Add	*143.35*	
23 37 13 00-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	144.68	19.21
		For Steel Construction, Deduct	*-10.47*	
		For Lay In Frame, Deduct	*-17.45*	
		For Three Way Pattern, Deduct	*-6.98*	
		For Two Way Pattern, Deduct	*-5.58*	
		For One Way Pattern, Deduct	*-5.58*	
		For Grille (No Damper), Deduct	*-10.47*	
		For Stainless Steel, Add	*174.50*	
23 37 13 00-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	183.95	20.18
		For Steel Construction, Deduct	*-15.80*	
		For Lay In Frame, Deduct	*-26.33*	
		For Three Way Pattern, Deduct	*-10.53*	
		For Two Way Pattern, Deduct	*-8.43*	
		For One Way Pattern, Deduct	*-8.43*	
		For Grille (No Damper), Deduct	*-15.80*	
		For Stainless Steel, Add	*263.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	283.73	40.74
		For Steel Construction, Deduct	*-30.34*	
		For Lay In Frame, Deduct	*-50.56*	
		For Three Way Pattern, Deduct	*-20.22*	
		For Two Way Pattern, Deduct	*-16.18*	
		For One Way Pattern, Deduct	*-16.18*	
		For Grille (No Damper), Deduct	*-30.34*	
		For Stainless Steel, Add	*505.60*	

23 37 13 00-0167 Removable-Reversible Core Registers *(23 37 13 00-0155)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 00-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	69.66	7.69
		For Steel Construction, Deduct	*-3.99*	
		For Flat Frame, Deduct	*-3.99*	
		For Grille (No Damper), Deduct	*-11.97*	
		For Stainless Steel, Add	*99.73*	
23 37 13 00-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	85.86	7.69
		For Steel Construction, Deduct	*-5.61*	
		For Flat Frame, Deduct	*-5.61*	
		For Grille (No Damper), Deduct	*-16.83*	
		For Stainless Steel, Add	*140.23*	
23 37 13 00-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	110.12	10.57
		For Steel Construction, Deduct	*-6.98*	
		For Flat Frame, Deduct	*-6.98*	
		For Grille (No Damper), Deduct	*-20.94*	
		For Stainless Steel, Add	*174.50*	
23 37 13 00-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	111.37	10.57
		For Steel Construction, Deduct	*-7.11*	
		For Flat Frame, Deduct	*-7.11*	
		For Grille (No Damper), Deduct	*-21.32*	
		For Stainless Steel, Add	*177.63*	
23 37 13 00-0172	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	141.23	12.49
		For Steel Construction, Deduct	*-9.22*	
		For Flat Frame, Deduct	*-9.22*	
		For Grille (No Damper), Deduct	*-27.67*	
		For Stainless Steel, Add	*230.60*	
23 37 13 00-0173	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	198.00	15.37
		For Steel Construction, Deduct	*-13.84*	
		For Flat Frame, Deduct	*-13.84*	
		For Grille (No Damper), Deduct	*-41.51*	
		For Stainless Steel, Add	*345.90*	
23 37 13 00-0174	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	220.43	14.42
		For Steel Construction, Deduct	*-16.08*	
		For Flat Frame, Deduct	*-16.08*	
		For Grille (No Damper), Deduct	*-48.24*	
		For Stainless Steel, Add	*401.98*	
23 37 13 00-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	266.84	19.21
		For Steel Construction, Deduct	*-19.20*	
		For Flat Frame, Deduct	*-19.20*	
		For Grille (No Damper), Deduct	*-57.59*	
		For Stainless Steel, Add	*479.90*	
23 37 13 00-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	331.65	19.21
		For Steel Construction, Deduct	*-25.30*	
		For Flat Frame, Deduct	*-25.30*	
		For Grille (No Damper), Deduct	*-75.91*	
		For Stainless Steel, Add	*632.58*	

23 37 13 00-0177 Adjustable Shutter Blade Registers *(23 37 13 00-0155)*

Note: Double deflection flat frame aluminum construction.

23 37 13 00-0178	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	102.48	7.69
		For Steel Construction, Deduct	*-7.27*	
		For Single Deflection, Deduct	*-14.54*	
		For Grille (No Damper), Deduct	*-10.91*	
		For Stainless Steel, Add	*181.78*	
23 37 13 00-0179	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	117.02	7.69
		For Steel Construction, Deduct	*-8.73*	
		For Single Deflection, Deduct	*-17.45*	
		For Grille (No Damper), Deduct	*-13.09*	
		For Stainless Steel, Add	*218.13*	
23 37 13 00-0180	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	127.57	10.57
		For Steel Construction, Deduct	*-8.73*	
		For Single Deflection, Deduct	*-17.45*	
		For Grille (No Damper), Deduct	*-13.09*	
		For Stainless Steel, Add	*218.13*	
23 37 13 00-0181	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	131.73	9.61
		For Steel Construction, Deduct	*-9.14*	
		For Single Deflection, Deduct	*-18.28*	
		For Grille (No Damper), Deduct	*-13.71*	
		For Stainless Steel, Add	*228.53*	
23 37 13 00-0182	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	161.17	12.49
		For Steel Construction, Deduct	*-11.22*	
		For Single Deflection, Deduct	*-22.44*	
		For Grille (No Damper), Deduct	*-16.83*	
		For Stainless Steel, Add	*280.45*	
23 37 13 00-0183	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	213.37	14.42
		For Steel Construction, Deduct	*-15.37*	
		For Single Deflection, Deduct	*-30.75*	
		For Grille (No Damper), Deduct	*-23.06*	
		For Stainless Steel, Add	*384.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0184	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	248.69	15.37
		For Steel Construction, Deduct	*-18.91*	
		For Single Deflection, Deduct	*-37.81*	
		For Grille (No Damper), Deduct	*-28.36*	
		For Stainless Steel, Add	*472.63*	
23 37 13 00-0185	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	307.55	19.21
		For Steel Construction, Deduct	*-23.27*	
		For Single Deflection, Deduct	*-46.53*	
		For Grille (No Damper), Deduct	*-34.90*	
		For Stainless Steel, Add	*581.68*	
23 37 13 00-0186	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	417.24	20.18
		For Steel Construction, Deduct	*-33.86*	
		For Single Deflection, Deduct	*-67.72*	
		For Grille (No Damper), Deduct	*-50.79*	
		For Stainless Steel, Add	*846.55*	

23 37 13 00-0187 Air Conditioning And Ventilation *(23 37 13 00-0155)*

23 37 13 00-0188	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	53.68	20.18
		For Stainless Steel, Add	*33.40*	
23 37 13 00-0189	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	86.78	30.03
		For Stainless Steel, Add	*66.80*	
23 37 13 00-0190	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	128.60	42.04
		For Stainless Steel, Add	*111.33*	
23 37 13 00-0191	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	262.25	57.65
		For Stainless Steel, Add	*367.38*	

23 37 13 00-0192 Security Supply Or Return Grille *(23 37 13 00-0155)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

23 37 13 00-0193	EA	8" x 4" Steel Security Grille	150.71	14.41
		For Anchoring Tabs, Add	*12.19*	
		For Angle Iron Frame, Add	*21.17*	
		For Rear Operated Opposed Blade Damper, Add	*45.54*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*30.47*	
		For Stainless Steel, Add	*158.44*	
23 37 13 00-0194	EA	8" x 6" Steel Security Grille	166.44	14.89
		For Anchoring Tabs, Add	*13.67*	
		For Angle Iron Frame, Add	*23.48*	
		For Rear Operated Opposed Blade Damper, Add	*50.81*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*34.16*	
		For Stainless Steel, Add	*177.65*	
23 37 13 00-0195	EA	8" x 8" Steel Security Grille	190.60	16.82
		For Anchoring Tabs, Add	*15.70*	
		For Angle Iron Frame, Add	*26.91*	
		For Rear Operated Opposed Blade Damper, Add	*58.30*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*39.24*	
		For Stainless Steel, Add	*204.06*	
23 37 13 00-0196	EA	10" x 4" Steel Security Grille	167.49	16.33
		For Anchoring Tabs, Add	*13.48*	
		For Angle Iron Frame, Add	*23.49*	
		For Rear Operated Opposed Blade Damper, Add	*50.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*33.70*	
		For Stainless Steel, Add	*175.25*	
23 37 13 00-0197	EA	10" x 6" Steel Security Grille	178.64	17.30
		For Anchoring Tabs, Add	*14.40*	
		For Angle Iron Frame, Add	*25.07*	
		For Rear Operated Opposed Blade Damper, Add	*53.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*36.01*	
		For Stainless Steel, Add	*187.25*	
23 37 13 00-0198	EA	10" x 8" Steel Security Grille	203.68	18.74
		For Anchoring Tabs, Add	*16.62*	
		For Angle Iron Frame, Add	*28.68*	
		For Rear Operated Opposed Blade Damper, Add	*61.92*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*41.55*	
		For Stainless Steel, Add	*216.06*	
23 37 13 00-0199	EA	10" x 10" Steel Security Grille	226.87	20.19
		For Anchoring Tabs, Add	*18.65*	
		For Angle Iron Frame, Add	*32.01*	
		For Rear Operated Opposed Blade Damper, Add	*69.31*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*46.63*	
		For Stainless Steel, Add	*242.46*	
23 37 13 00-0200	EA	12" x 4" Steel Security Grille	176.87	18.26
		For Anchoring Tabs, Add	*14.04*	
		For Angle Iron Frame, Add	*24.70*	
		For Rear Operated Opposed Blade Damper, Add	*52.77*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*35.09*	
		For Stainless Steel, Add	*182.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0201	EA	12" x 6" Steel Security Grille	197.33	20.19
		For Anchoring Tabs, Add	*15.70*	
		For Angle Iron Frame, Add	*27.58*	
		For Rear Operated Opposed Blade Damper, Add	*58.98*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*39.24*	
		For Stainless Steel, Add	*204.06*	
23 37 13 00-0202	EA	12" x 8" Steel Security Grille	224.22	21.62
		For Anchoring Tabs, Add	*18.10*	
		For Angle Iron Frame, Add	*31.47*	
		For Rear Operated Opposed Blade Damper, Add	*67.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*45.24*	
		For Stainless Steel, Add	*235.26*	
23 37 13 00-0203	EA	12" x 10" Steel Security Grille	243.71	23.06
		For Anchoring Tabs, Add	*19.76*	
		For Angle Iron Frame, Add	*34.25*	
		For Rear Operated Opposed Blade Damper, Add	*73.77*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*49.40*	
		For Stainless Steel, Add	*256.87*	
23 37 13 00-0204	EA	12" x 12" Steel Security Grille	268.76	24.51
		For Anchoring Tabs, Add	*21.98*	
		For Angle Iron Frame, Add	*37.86*	
		For Rear Operated Opposed Blade Damper, Add	*81.81*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.94*	
		For Stainless Steel, Add	*285.68*	
23 37 13 00-0205	EA	14" x 4" Steel Security Grille	188.98	19.70
		For Anchoring Tabs, Add	*14.96*	
		For Angle Iron Frame, Add	*26.38*	
		For Rear Operated Opposed Blade Damper, Add	*56.29*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*37.40*	
		For Stainless Steel, Add	*194.45*	
23 37 13 00-0206	EA	14" x 6" Steel Security Grille	212.17	21.14
		For Anchoring Tabs, Add	*16.99*	
		For Angle Iron Frame, Add	*29.71*	
		For Rear Operated Opposed Blade Damper, Add	*63.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*42.47*	
		For Stainless Steel, Add	*220.86*	
23 37 13 00-0207	EA	14" x 8" Steel Security Grille	236.32	23.06
		For Anchoring Tabs, Add	*19.02*	
		For Angle Iron Frame, Add	*33.14*	
		For Rear Operated Opposed Blade Damper, Add	*71.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*47.55*	
		For Stainless Steel, Add	*247.26*	
23 37 13 00-0208	EA	14" x 10" Steel Security Grille	266.04	24.98
		For Anchoring Tabs, Add	*21.61*	
		For Angle Iron Frame, Add	*37.41*	
		For Rear Operated Opposed Blade Damper, Add	*80.62*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.02*	
		For Stainless Steel, Add	*280.88*	
23 37 13 00-0209	EA	14" x 12" Steel Security Grille	292.99	27.39
		For Anchoring Tabs, Add	*23.82*	
		For Angle Iron Frame, Add	*41.21*	
		For Rear Operated Opposed Blade Damper, Add	*88.85*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*59.56*	
		For Stainless Steel, Add	*309.69*	
23 37 13 00-0210	EA	14" x 14" Steel Security Grille	315.30	29.31
		For Anchoring Tabs, Add	*25.67*	
		For Angle Iron Frame, Add	*44.36*	
		For Rear Operated Opposed Blade Damper, Add	*95.70*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.17*	
		For Stainless Steel, Add	*333.68*	
23 37 13 00-0211	EA	16" x 6" Steel Security Grille	227.09	23.06
		For Anchoring Tabs, Add	*18.10*	
		For Angle Iron Frame, Add	*31.76*	
		For Rear Operated Opposed Blade Damper, Add	*67.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*45.24*	
		For Stainless Steel, Add	*235.26*	
23 37 13 00-0212	EA	16" x 8" Steel Security Grille	258.65	24.98
		For Anchoring Tabs, Add	*20.87*	
		For Angle Iron Frame, Add	*36.30*	
		For Rear Operated Opposed Blade Damper, Add	*78.03*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*52.17*	
		For Stainless Steel, Add	*271.27*	
23 37 13 00-0213	EA	16" x 10" Steel Security Grille	279.11	26.91
		For Anchoring Tabs, Add	*22.53*	
		For Angle Iron Frame, Add	*39.18*	
		For Rear Operated Opposed Blade Damper, Add	*84.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*56.32*	
		For Stainless Steel, Add	*292.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0214	EA	16" x 12" Steel Security Grille	313.37	28.35
		For Anchoring Tabs, Add	*25.67*	
		For Angle Iron Frame, Add	*44.17*	
		For Rear Operated Opposed Blade Damper, Add	*95.51*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.17*	
		For Stainless Steel, Add	*333.68*	
23 37 13 00-0215	EA	16" x 14" Steel Security Grille	332.01	30.27
		For Anchoring Tabs, Add	*27.15*	
		For Angle Iron Frame, Add	*46.77*	
		For Rear Operated Opposed Blade Damper, Add	*101.07*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.87*	
		For Stainless Steel, Add	*352.90*	
23 37 13 00-0216	EA	16" x 16" Steel Security Grille	359.85	32.19
		For Anchoring Tabs, Add	*29.55*	
		For Angle Iron Frame, Add	*50.76*	
		For Rear Operated Opposed Blade Damper, Add	*109.85*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*73.87*	
		For Stainless Steel, Add	*384.10*	
23 37 13 00-0217	EA	18" x 6" Steel Security Grille	242.10	25.95
		For Anchoring Tabs, Add	*19.02*	
		For Angle Iron Frame, Add	*33.72*	
		For Rear Operated Opposed Blade Damper, Add	*71.76*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*47.55*	
		For Stainless Steel, Add	*247.26*	
23 37 13 00-0218	EA	18" x 8" Steel Security Grille	275.49	27.87
		For Anchoring Tabs, Add	*21.98*	
		For Angle Iron Frame, Add	*38.54*	
		For Rear Operated Opposed Blade Damper, Add	*82.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.94*	
		For Stainless Steel, Add	*285.68*	
23 37 13 00-0219	EA	18" x 10" Steel Security Grille	301.49	29.79
		For Anchoring Tabs, Add	*24.19*	
		For Angle Iron Frame, Add	*42.24*	
		For Rear Operated Opposed Blade Damper, Add	*90.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*60.48*	
		For Stainless Steel, Add	*314.48*	
23 37 13 00-0220	EA	18" x 12" Steel Security Grille	331.19	31.71
		For Anchoring Tabs, Add	*26.78*	
		For Angle Iron Frame, Add	*46.51*	
		For Rear Operated Opposed Blade Damper, Add	*100.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*66.94*	
		For Stainless Steel, Add	*348.09*	
23 37 13 00-0221	EA	18" x 14" Steel Security Grille	352.39	31.24
		For Anchoring Tabs, Add	*28.99*	
		For Angle Iron Frame, Add	*49.74*	
		For Rear Operated Opposed Blade Damper, Add	*107.72*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*72.48*	
		For Stainless Steel, Add	*376.90*	
23 37 13 00-0222	EA	18" x 16" Steel Security Grille	384.82	32.68
		For Anchoring Tabs, Add	*31.95*	
		For Angle Iron Frame, Add	*54.46*	
		For Rear Operated Opposed Blade Damper, Add	*118.35*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.87*	
		For Stainless Steel, Add	*415.31*	
23 37 13 00-0223	EA	18" x 18" Steel Security Grille	411.71	34.11
		For Anchoring Tabs, Add	*34.35*	
		For Angle Iron Frame, Add	*58.35*	
		For Rear Operated Opposed Blade Damper, Add	*127.04*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.87*	
		For Stainless Steel, Add	*446.52*	
23 37 13 00-0224	EA	20" x 6" Steel Security Grille	259.83	28.35
		For Anchoring Tabs, Add	*20.31*	
		For Angle Iron Frame, Add	*36.14*	
		For Rear Operated Opposed Blade Damper, Add	*76.77*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*50.78*	
		For Stainless Steel, Add	*264.07*	
23 37 13 00-0225	EA	20" x 8" Steel Security Grille	293.30	31.24
		For Anchoring Tabs, Add	*23.08*	
		For Angle Iron Frame, Add	*40.87*	
		For Rear Operated Opposed Blade Damper, Add	*87.04*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*57.71*	
		For Stainless Steel, Add	*300.08*	
23 37 13 00-0226	EA	20" x 10" Steel Security Grille	322.03	32.68
		For Anchoring Tabs, Add	*25.67*	
		For Angle Iron Frame, Add	*45.04*	
		For Rear Operated Opposed Blade Damper, Add	*96.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.17*	
		For Stainless Steel, Add	*333.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0227	EA	20" x 12" Steel Security Grille	353.57	34.60
		For Anchoring Tabs, Add	*28.44*	
		For Angle Iron Frame, Add	*49.58*	
		For Rear Operated Opposed Blade Damper, Add	*106.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*71.10*	
		For Stainless Steel, Add	*369.69*	
23 37 13 00-0228	EA	20" x 14" Steel Security Grille	387.85	36.04
		For Anchoring Tabs, Add	*31.58*	
		For Angle Iron Frame, Add	*54.57*	
		For Rear Operated Opposed Blade Damper, Add	*117.73*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.95*	
		For Stainless Steel, Add	*410.51*	
23 37 13 00-0229	EA	20" x 16" Steel Security Grille	418.44	37.48
		For Anchoring Tabs, Add	*34.35*	
		For Angle Iron Frame, Add	*59.02*	
		For Rear Operated Opposed Blade Damper, Add	*127.71*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*85.87*	
		For Stainless Steel, Add	*446.52*	
23 37 13 00-0230	EA	20" x 18" Steel Security Grille	447.17	38.92
		For Anchoring Tabs, Add	*36.93*	
		For Angle Iron Frame, Add	*63.18*	
		For Rear Operated Opposed Blade Damper, Add	*137.05*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*92.33*	
		For Stainless Steel, Add	*480.13*	
23 37 13 00-0231	EA	20" x 20" Steel Security Grille	481.44	40.36
		For Anchoring Tabs, Add	*40.07*	
		For Angle Iron Frame, Add	*68.18*	
		For Rear Operated Opposed Blade Damper, Add	*148.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*100.18*	
		For Stainless Steel, Add	*520.94*	
23 37 13 00-0232	EA	24" x 6" Steel Security Grille	288.71	31.71
		For Anchoring Tabs, Add	*22.53*	
		For Angle Iron Frame, Add	*40.14*	
		For Rear Operated Opposed Blade Damper, Add	*85.19*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*56.32*	
		For Stainless Steel, Add	*292.88*	
23 37 13 00-0233	EA	24" x 8" Steel Security Grille	325.86	34.60
		For Anchoring Tabs, Add	*25.67*	
		For Angle Iron Frame, Add	*45.42*	
		For Rear Operated Opposed Blade Damper, Add	*96.76*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*64.17*	
		For Stainless Steel, Add	*333.68*	
23 37 13 00-0234	EA	24" x 10" Steel Security Grille	355.49	35.56
		For Anchoring Tabs, Add	*28.44*	
		For Angle Iron Frame, Add	*49.77*	
		For Rear Operated Opposed Blade Damper, Add	*106.64*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*71.10*	
		For Stainless Steel, Add	*369.69*	
23 37 13 00-0235	EA	24" x 12" Steel Security Grille	398.27	39.40
		For Anchoring Tabs, Add	*31.95*	
		For Angle Iron Frame, Add	*55.80*	
		For Rear Operated Opposed Blade Damper, Add	*119.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.87*	
		For Stainless Steel, Add	*415.31*	
23 37 13 00-0236	EA	24" x 14" Steel Security Grille	428.85	40.84
		For Anchoring Tabs, Add	*34.72*	
		For Angle Iron Frame, Add	*60.24*	
		For Rear Operated Opposed Blade Damper, Add	*129.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*86.79*	
		For Stainless Steel, Add	*451.32*	
23 37 13 00-0237	EA	24" x 16" Steel Security Grille	466.82	42.28
		For Anchoring Tabs, Add	*38.23*	
		For Angle Iron Frame, Add	*65.80*	
		For Rear Operated Opposed Blade Damper, Add	*142.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.57*	
		For Stainless Steel, Add	*496.94*	
23 37 13 00-0238	EA	24" x 18" Steel Security Grille	510.32	43.73
		For Anchoring Tabs, Add	*42.29*	
		For Angle Iron Frame, Add	*72.18*	
		For Rear Operated Opposed Blade Damper, Add	*156.75*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.72*	
		For Stainless Steel, Add	*549.74*	
23 37 13 00-0239	EA	24" x 20" Steel Security Grille	540.90	45.17
		For Anchoring Tabs, Add	*45.06*	
		For Angle Iron Frame, Add	*76.62*	
		For Rear Operated Opposed Blade Damper, Add	*166.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*112.65*	
		For Stainless Steel, Add	*585.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0240	EA	24" x 24" Steel Security Grille	605.75	48.05
		For Anchoring Tabs, Add	*50.97*	
		For Angle Iron Frame, Add	*86.06*	
		For Rear Operated Opposed Blade Damper, Add	*187.99*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*127.42*	
		For Stainless Steel, Add	*662.57*	
23 37 13 00-0241		**Square Wall Return Air And Exhaust Grilles** *(23 37 13 00-0155)*		
		Note: Egg crate design aluminum construction.		
23 37 13 00-0242	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	56.08	24.03
23 37 13 00-0243	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	58.55	24.03
23 37 13 00-0244	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	87.52	36.04
23 37 13 00-0245	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	99.87	36.04
23 37 13 00-0246	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	151.69	48.05
23 37 13 00-0247	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	226.33	48.05
23 37 13 00-0248		**Rectangular Four-Way Adjustable Deflection Wall Supply Grilles** *(23 37 13 00-0155)*		
		Note: Aluminum construction.		
23 37 13 00-0249	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	154.93	17.30
23 37 13 00-0250	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	173.63	17.30
23 37 13 00-0251	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	207.77	19.22
23 37 13 00-0252	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	240.98	19.22
23 37 13 00-0253	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	316.74	60.06
23 37 13 00-0254		**Square Ceiling Return Air And Exhaust Grilles** *(23 37 13 00-0155)*		
		Note: Egg crate design, plastic construction.		
23 37 13 00-0255	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	32.96	11.50
23 37 13 00-0256	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	45.74	11.59
23 37 13 00-0257		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 00-0155)*		
		Note: Painted steel louvers and frame.		
23 37 13 00-0258	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	88.62	17.30
23 37 13 00-0259	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	115.46	17.30
23 37 13 00-0260	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	138.31	18.26
23 37 13 00-0261	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	181.94	21.81
23 37 13 00-0262	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	203.67	40.08
23 37 13 00-0263		**Stainless Steel Devices** *(23 37 13 00-0155)*		
23 37 13 00-0264		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0265	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	164.57	15.00
		For 316 Stainless Steel, Add	*27.92*	
23 37 13 00-0266	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	139.10	15.00
		For 316 Stainless Steel, Add	*22.82*	
23 37 13 00-0267		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0268	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	124.98	15.00
		For 316 Stainless Steel, Add	*20.00*	
23 37 13 00-0269	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	106.46	15.00
		For 316 Stainless Steel, Add	*16.30*	
23 37 13 00-0270		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0271	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	182.28	15.00
		For 316 Stainless Steel, Add	*31.46*	
23 37 13 00-0272	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	155.54	15.00
		For 316 Stainless Steel, Add	*26.11*	
23 37 13 00-0273		**304 Stainless Steel Return Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0274	SF	Up To 4 SF, 304 Stainless Steel Return Grille	124.98	15.00
		For 316 Stainless Steel, Add	*20.00*	
23 37 13 00-0275	SF	>4 SF, 304 Stainless Steel Return Grille	106.46	15.00
		For 316 Stainless Steel, Add	*16.30*	
23 37 13 00-0276		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0277	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	124.98	15.00
		For 316 Stainless Steel, Add	*20.00*	
23 37 13 00-0278	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	106.46	15.00
		For 316 Stainless Steel, Add	*16.30*	
23 37 13 00-0279		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 00-0263)*		
23 37 13 00-0280	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	124.98	15.00
		For 316 Stainless Steel, Add	*20.00*	
23 37 13 00-0281	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	101.37	15.00
		For 316 Stainless Steel, Add	*15.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0282		304 Stainless Steel, Perforated Supply Grilles *(23 37 13 00-0263)*		
23 37 13 00-0283	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	151.03	15.00
		For 316 Stainless Steel, Add	*25.21*	
23 37 13 00-0284	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	104.08	15.00
		For 316 Stainless Steel, Add	*15.82*	
23 37 13 00-0285		304 Stainless Steel, Door Grilles *(23 37 13 00-0263)*		
23 37 13 00-0286	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	224.99	15.00
		For 316 Stainless Steel, Add	*40.00*	
23 37 13 00-0287	SF	>4 SF, 304 Stainless Steel, Door Grille	187.96	15.00
		For 316 Stainless Steel, Add	*32.60*	
23 37 13 00-0288		304 Stainless Steel, Linear Bar Grilles *(23 37 13 00-0263)*		
23 37 13 00-0289	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	287.14	15.00
		For 316 Stainless Steel, Add	*52.43*	
23 37 13 00-0290	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	246.05	15.00
		For 316 Stainless Steel, Add	*44.21*	
23 37 13 00-0291		304 Stainless Steel, Hinged Filter Grilles *(23 37 13 00-0263)*		
23 37 13 00-0292	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	211.45	15.00
		For 316 Stainless Steel, Add	*37.29*	
23 37 13 00-0293	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	146.63	15.00
		For 316 Stainless Steel, Add	*24.33*	
23 37 13 00-0294		304 Stainless Steel, Opposed Blade Dampers Grilles *(23 37 13 00-0263)*		
23 37 13 00-0295	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	114.57	15.00
		For 316 Stainless Steel, Add	*17.92*	
23 37 13 00-0296	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	87.60	15.00
		For 316 Stainless Steel, Add	*12.52*	
23 37 13 00-0297		304 Stainless Steel, Plaster Frames Replacement *(23 37 13 00-0263)*		
		Note: For frequent replacement.		
23 37 13 00-0298	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	89.57	15.00
		For 316 Stainless Steel, Add	*12.92*	
23 37 13 00-0299	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	48.24	15.00
		For 316 Stainless Steel, Add	*4.65*	
23 37 13 00-0300		304 Stainless Steel, Modular Louvered Ceiling Diffusers *(23 37 13 00-0263)*		
23 37 13 00-0301	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	208.32	15.00
		For 316 Stainless Steel, Add	*36.67*	
23 37 13 00-0302	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	163.30	15.00
		For 316 Stainless Steel, Add	*27.66*	
23 37 13 00-0303		304 Stainless Steel, Latticed Supply/Return Grilles *(23 37 13 00-0263)*		
23 37 13 00-0304	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	73.94	15.00
		For 316 Stainless Steel, Add	*9.79*	
23 37 13 00-0305	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	73.94	15.00
		For 316 Stainless Steel, Add	*9.79*	
23 37 13 00-0306		Removal And Reinstallation Of Distribution Devices *(23 37 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 00-0307	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	180.17	
23 37 13 00-0308	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	198.71	
23 37 13 00-0309	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	29.78	
23 37 13 00-0310	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	40.33	

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001		Commercial Kitchen Hood Ventilation System *(23 38 13 16)*		
		Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.		
23 38 13 16-0002		Dry Filter Exhaust Hoods *(23 38 13 16-0001)*		
		Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.		
23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	4,978.16	730.02
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	5,203.11	775.64
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	5,755.62	821.26
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	5,952.42	866.89
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	6,181.63	912.51
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,420.58	958.14
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	6,650.33	1,003.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	6,885.82	1,049.40
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	7,141.82	1,095.02
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,369.29	1,140.64
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	7,566.97	1,186.27
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,866.95	1,231.89
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	8,691.51	1,277.52
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	8,939.56	1,323.15
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	9,254.06	1,368.77
23 38 13 16-0018	EA	15"-6" Long x 60" Deep Dry Filter Exhaust Hood	9,505.51	1,414.40
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	9,855.63	1,460.02

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	6,652.96	730.02
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	6,888.51	775.64
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	7,472.82	821.26
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	7,712.02	866.89
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	7,951.83	912.51
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,180.18	958.14
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	8,420.53	1,003.77
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	8,650.72	1,049.40
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	8,869.62	1,095.02
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	9,160.69	1,140.64
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	9,490.87	1,186.27
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	9,838.55	1,231.89
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	10,509.41	1,277.52
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	10,863.46	1,323.15
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	11,501.26	1,368.77
23 38 13 16-0036	EA	15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	12,150.21	1,414.40
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	12,791.83	1,460.02

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,076.96	730.02
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,323.11	775.64
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	7,918.02	821.26
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,162.52	866.89
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,418.23	912.51
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,657.18	958.14
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	8,902.83	1,003.77
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,148.92	1,049.40
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,373.12	1,095.02
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	9,685.39	1,140.64
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	10,036.77	1,186.27
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	10,405.65	1,231.89
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,097.71	1,277.52
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,472.96	1,323.15
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,169.06	1,368.77
23 38 13 16-0054	EA	15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,542.41	1,414.40
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,913.73	1,460.02
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	4,905.02	365.00

23 38 13 16-0057 Utility Distribution System (UDS) *(23 38 13 16-0001)*

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058	EA	8' Long UDS	24,909.67	371.21
23 38 13 16-0059	EA	8'-6" Long UDS	25,644.60	380.24
23 38 13 16-0060	EA	9' Long UDS	26,371.49	389.09
23 38 13 16-0061	EA	9'-6" Long UDS	27,105.61	401.50
23 38 13 16-0062	EA	10' Long UDS	27,834.57	411.36
23 38 13 16-0063	EA	10'-6" Long UDS	28,556.82	421.76
23 38 13 16-0064	EA	11' Long UDS	29,288.16	428.98
23 38 13 16-0065	EA	11'-6" Long UDS	30,019.95	440.29
23 38 13 16-0066	EA	12' Long UDS	30,761.18	456.26
23 38 13 16-0067	EA	12'-6" Long UDS	31,513.85	477.97
23 38 13 16-0068	EA	13' Long UDS	32,251.19	492.03
23 38 13 16-0069	EA	13'-6" Long UDS	33,000.56	512.10
23 38 13 16-0070	EA	14' Long UDS	33,742.11	528.26
23 38 13 16-0071	EA	14'-6" Long UDS	34,485.79	545.50
23 38 13 16-0072	EA	15' Long UDS	35,231.77	563.93
23 38 13 16-0073	EA	15'-6" Long UDS	35,980.34	583.56
23 38 13 16-0074	EA	16' Long UDS	36,717.34	597.51

23 38 13 16-0075 Stainless Steel Exhaust Hood Material *(23 38 13 16)*

Note: Welded seams.

23 38 13 16-0076	SF	16 Gauge Stainless Steel Exhaust Hood Material	66.04	12.41
23 38 13 16-0077	SF	14 Gauge Stainless Steel Exhaust Hood Material	82.54	16.55
23 38 13 16-0078	SF	12 Gauge Stainless Steel Exhaust Hood Material	114.54	22.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0079	SF	10 Gauge Stainless Steel Exhaust Hood Material	143.01	27.31

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	13.19	

23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0004	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	93.02	
23 41 13 00-0005	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	89.84	
23 41 13 00-0006	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	3.88	

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	160.07	

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	61.12	

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 HEPA Filters *(23 41 33)*

Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

23 41 33 00-0002 HEPA Filters DOP Efficiency-95% *(23 41 33 00-0001)*

23 41 33 00-0003	EA	12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete	148.14	13.46
		For Removal And Replacement In Existing Equipment, Add	*2.69*	
		For >10 To 25, Deduct	*-3.70*	
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-11.11*	
		For >100, Deduct	*-14.81*	
23 41 33 00-0004	EA	24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete	199.97	15.38
		For Removal And Replacement In Existing Equipment, Add	*3.08*	
		For >10 To 25, Deduct	*-5.00*	
		For >25 To 50, Deduct	*-10.00*	
		For >50 To 100, Deduct	*-15.00*	
		For >100, Deduct	*-20.00*	
23 41 33 00-0005	EA	24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete	234.30	17.78
		For Removal And Replacement In Existing Equipment, Add	*3.56*	
		For >10 To 25, Deduct	*-5.86*	
		For >25 To 50, Deduct	*-11.72*	
		For >50 To 100, Deduct	*-17.57*	
		For >100, Deduct	*-23.43*	
23 41 33 00-0006	EA	24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete	268.66	20.19
		For Removal And Replacement In Existing Equipment, Add	*4.04*	
		For >10 To 25, Deduct	*-6.72*	
		For >25 To 50, Deduct	*-13.43*	
		For >50 To 100, Deduct	*-20.15*	
		For >100, Deduct	*-26.87*	
23 41 33 00-0007	EA	12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete	182.85	14.41
		For Removal And Replacement In Existing Equipment, Add	*2.88*	
		For >10 To 25, Deduct	*-4.57*	
		For >25 To 50, Deduct	*-9.14*	
		For >50 To 100, Deduct	*-13.71*	
		For >100, Deduct	*-18.29*	
23 41 33 00-0008	EA	24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete	248.59	16.82
		For Removal And Replacement In Existing Equipment, Add	*3.36*	
		For >10 To 25, Deduct	*-6.21*	
		For >25 To 50, Deduct	*-12.43*	
		For >50 To 100, Deduct	*-18.64*	
		For >100, Deduct	*-24.86*	
23 41 33 00-0009	EA	24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete	298.21	19.22
		For Removal And Replacement In Existing Equipment, Add	*3.84*	
		For >10 To 25, Deduct	*-7.46*	
		For >25 To 50, Deduct	*-14.91*	
		For >50 To 100, Deduct	*-22.37*	
		For >100, Deduct	*-29.82*	
23 41 33 00-0010	EA	24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1,000 CFM, Complete	352.62	24.03
		For Removal And Replacement In Existing Equipment, Add	*4.81*	
		For >10 To 25, Deduct	*-8.82*	
		For >25 To 50, Deduct	*-17.63*	
		For >50 To 100, Deduct	*-26.45*	
		For >100, Deduct	*-35.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0011		HEPA Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	126.33	12.01
		For Removal And Replacement In Existing Equipment, Add	*2.40*	
		For >10 To 25, Deduct	*-3.16*	
		For >25 To 50, Deduct	*-6.32*	
		For >50 To 100, Deduct	*-9.47*	
		For >100, Deduct	*-12.63*	
23 41 33 00-0013	EA	24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	177.49	14.41
		For Removal And Replacement In Existing Equipment, Add	*2.88*	
		For >10 To 25, Deduct	*-4.44*	
		For >25 To 50, Deduct	*-8.87*	
		For >50 To 100, Deduct	*-13.31*	
		For >100, Deduct	*-17.75*	
23 41 33 00-0014	EA	24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	277.89	16.82
		For Removal And Replacement In Existing Equipment, Add	*3.36*	
		For >10 To 25, Deduct	*-6.95*	
		For >25 To 50, Deduct	*-13.89*	
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-27.79*	
23 41 33 00-0015	EA	36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	360.17	19.22
		For Removal And Replacement In Existing Equipment, Add	*3.84*	
		For >10 To 25, Deduct	*-9.00*	
		For >25 To 50, Deduct	*-18.01*	
		For >50 To 100, Deduct	*-27.01*	
		For >100, Deduct	*-36.02*	
23 41 33 00-0016	EA	8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete	121.43	9.61
		For Removal And Replacement In Existing Equipment, Add	*1.92*	
		For >10 To 25, Deduct	*-3.04*	
		For >25 To 50, Deduct	*-6.07*	
		For >50 To 100, Deduct	*-9.11*	
		For >100, Deduct	*-12.14*	
23 41 33 00-0017	EA	12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete	160.65	12.97
		For Removal And Replacement In Existing Equipment, Add	*2.60*	
		For >10 To 25, Deduct	*-4.02*	
		For >25 To 50, Deduct	*-8.03*	
		For >50 To 100, Deduct	*-12.05*	
		For >100, Deduct	*-16.07*	
23 41 33 00-0018	EA	24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete	218.77	15.38
		For Removal And Replacement In Existing Equipment, Add	*3.08*	
		For >10 To 25, Deduct	*-5.47*	
		For >25 To 50, Deduct	*-10.94*	
		For >50 To 100, Deduct	*-16.41*	
		For >100, Deduct	*-21.88*	
23 41 33 00-0019	EA	24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete	256.87	18.02
		For Removal And Replacement In Existing Equipment, Add	*3.60*	
		For >10 To 25, Deduct	*-6.42*	
		For >25 To 50, Deduct	*-12.84*	
		For >50 To 100, Deduct	*-19.27*	
		For >100, Deduct	*-25.69*	
23 41 33 00-0020	EA	24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	294.02	20.19
		For Removal And Replacement In Existing Equipment, Add	*4.04*	
		For >10 To 25, Deduct	*-7.35*	
		For >25 To 50, Deduct	*-14.70*	
		For >50 To 100, Deduct	*-22.05*	
		For >100, Deduct	*-29.40*	
23 41 33 00-0021	EA	12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete	199.95	14.41
		For Removal And Replacement In Existing Equipment, Add	*2.88*	
		For >10 To 25, Deduct	*-5.00*	
		For >25 To 50, Deduct	*-10.00*	
		For >50 To 100, Deduct	*-15.00*	
		For >100, Deduct	*-20.00*	
23 41 33 00-0022	EA	24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete	272.49	16.82
		For Removal And Replacement In Existing Equipment, Add	*3.36*	
		For >10 To 25, Deduct	*-6.81*	
		For >25 To 50, Deduct	*-13.62*	
		For >50 To 100, Deduct	*-20.44*	
		For >100, Deduct	*-27.25*	
23 41 33 00-0023	EA	24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	327.07	19.22
		For Removal And Replacement In Existing Equipment, Add	*3.84*	
		For >10 To 25, Deduct	*-8.18*	
		For >25 To 50, Deduct	*-16.35*	
		For >50 To 100, Deduct	*-24.53*	
		For >100, Deduct	*-32.71*	
23 41 33 00-0024	EA	24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	402.56	24.03
		For Removal And Replacement In Existing Equipment, Add	*4.81*	
		For >10 To 25, Deduct	*-10.06*	
		For >25 To 50, Deduct	*-20.13*	
		For >50 To 100, Deduct	*-30.19*	
		For >100, Deduct	*-40.26*	
23 41 33 00-0025		HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*		
		Note: Nominal sizes.		
23 41 33 00-0026	EA	12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	316.88	71.67
23 41 33 00-0027	EA	24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	579.21	142.45
23 41 33 00-0028	EA	24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	590.90	142.45
23 41 33 00-0029	EA	24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	598.69	142.45
23 41 33 00-0030	EA	24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	653.23	142.45
23 41 33 00-0031	EA	24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	721.41	142.45
23 41 33 00-0032	EA	48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,111.68	285.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0033	EA	48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,277.26	285.78
23 41 33 00-0034	EA	48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,487.64	285.78
23 41 33 00-0035	EA	12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	349.99	71.67
23 41 33 00-0036	EA	24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	635.70	142.45
23 41 33 00-0037	EA	24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	649.34	142.45
23 41 33 00-0038	EA	24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	659.08	142.45
23 41 33 00-0039	EA	24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	723.36	142.45
23 41 33 00-0040	EA	24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	809.07	142.45
23 41 33 00-0041	EA	48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,248.04	285.78
23 41 33 00-0042	EA	48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,454.52	285.78
23 41 33 00-0043	EA	48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,715.55	285.78
23 41 33 00-0044		Filter, Bag Type, 90-95% Efficiency *(23 41 33)*		
23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	243.88	92.90
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	298.39	92.90
23 41 33 00-0047		Filter, Bag Type, 80-85% Efficiency *(23 41 33)*		
23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	237.63	92.90
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	277.84	92.90

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	53.47	7.21
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	54.15	7.21
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	54.56	7.21
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	54.56	7.21
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	59.67	7.21
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	68.07	7.21
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	68.32	8.17
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	68.90	8.17
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	69.38	8.17
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	69.38	8.17
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	75.03	8.17
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	90.77	8.17
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	30.09	7.21
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	32.52	7.21
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	32.61	7.21
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	35.79	7.21
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	38.62	7.21
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	34.98	8.17
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	39.21	8.17
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	40.10	8.17
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	45.36	8.17
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	48.70	8.17
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	84.12	8.65

23 44 Ultraviolet HVAC Microbial Control *(23 40)*

23 44 00 00-0001		Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 44)*		
23 44 00 00-0002	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	472.88	63.13
23 44 00 00-0003	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	476.00	65.84
23 44 00 00-0004	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	498.18	69.17
23 44 00 00-0005	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	537.41	72.15
23 44 00 00-0006	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	612.15	74.40
23 44 00 00-0007		Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 44)*		
23 44 00 00-0008	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	390.15	41.67
23 44 00 00-0009	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	397.73	45.09
23 44 00 00-0010	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	405.47	47.80
23 44 00 00-0011	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	406.64	51.41
23 44 00 00-0012	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	423.41	54.11
23 44 00 00-0013	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	433.88	56.82
23 44 00 00-0014	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	444.41	60.42
23 44 00 00-0015	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	454.66	41.67
23 44 00 00-0016	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	462.24	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 44 00 00-0017	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	469.98	47.80
23 44 00 00-0018	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	471.15	51.41
23 44 00 00-0019	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	487.92	54.11
23 44 00 00-0020	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	498.40	56.82
23 44 00 00-0021	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	508.93	60.42
23 44 00 00-0022	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	321.87	45.09
23 44 00 00-0023	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	329.61	47.80
23 44 00 00-0024	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	330.78	51.41
23 44 00 00-0025	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	347.55	54.11
23 44 00 00-0026	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	358.02	56.82
23 44 00 00-0027	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	368.55	60.42
23 44 00 00-0028		**Fan Coil Unit Ultraviolet Microbial Control Fixtures** *(23 44)*		
23 44 00 00-0029	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	291.47	57.72
23 44 00 00-0030	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	298.99	60.42
23 44 00 00-0031	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	306.50	63.13
23 44 00 00-0032	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	315.97	65.84
23 44 00 00-0033	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	327.67	69.17
23 44 00 00-0034	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	338.20	72.15
23 44 00 00-0035		**Ultraviolet HVAC Microbial Control Replacement Parts** *(23 44)*		
23 44 00 00-0036	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	77.01	
23 44 00 00-0037	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	80.86	
23 44 00 00-0038	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	90.96	
23 44 00 00-0039	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	103.84	
23 44 00 00-0040	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	117.01	
23 44 00 00-0041	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	142.16	
23 44 00 00-0042	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	74.30	
23 44 00 00-0043	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	78.26	
23 44 00 00-0044	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	82.40	
23 44 00 00-0045	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	79.96	
23 44 00 00-0046	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	93.12	
23 44 00 00-0047	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	99.99	
23 44 00 00-0048	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	106.91	
23 44 00 00-0049	EA	Replacement Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	216.77	
23 44 00 00-0050		**Ultraviolet HVAC Microbial Control Mounting Accessories** *(23 44)*		
23 44 00 00-0051	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	395.59	
23 44 00 00-0052	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	496.65	
23 44 00 00-0053	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	239.49	
23 44 00 00-0054	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	251.86	
23 44 00 00-0055	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	305.42	
23 44 00 00-0056	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	196.79	
23 44 00 00-0057	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	212.00	
23 44 00 00-0058	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	281.57	
23 44 00 00-0059	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	278.06	
23 44 00 00-0060	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	10.59	
23 44 00 00-0061	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	36.43	
23 44 00 00-0062	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	13.26	
23 44 00 00-0063	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	12.64	
23 44 00 00-0064	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	33.93	
23 44 00 00-0065	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	37.17	
23 44 00 00-0066	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	33.27	
23 44 00 00-0067	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	27.41	
23 44 00 00-0068	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	26.02	
23 44 00 00-0069	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	15.10	
23 44 00 00-0070	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	28.97	
23 44 00 00-0071	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	15.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 44 00 00-0072	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	55.55	
23 44 00 00-0073	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amps At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	58.17	

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 51 Breechings, Chimneys, And Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*
Note: Includes chimney adapter. Excludes wiring.

23 51 13 13-0002 Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,836.91	194.64
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	4,358.99	212.35
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	5,254.94	234.46
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	6,905.32	272.06

23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,636.21	212.35
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,680.90	234.46
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	7,410.02	274.28
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,794.56	307.45

23 51 13 13-0012 Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*

23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	497.74	66.36

23 51 13 16 Vent Dampers *(23 51 13)*

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*

23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	325.52	39.29
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	352.99	41.67
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	384.73	44.24
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	410.81	47.18
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	445.79	50.54
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	475.61	54.41
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	522.57	59.00
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	572.58	64.34
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	628.16	67.46
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	670.05	70.79
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	723.62	74.32
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	939.98	117.67
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	1,019.35	124.98
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	1,096.94	132.71
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	1,121.73	137.14
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	1,157.35	141.56
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	1,203.50	150.41
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	1,249.91	154.73
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	1,310.16	163.58
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	1,388.49	176.95
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	1,450.56	183.03
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	1,499.89	185.80
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	1,572.78	194.64
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	1,645.94	203.50
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	1,719.22	212.35
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	1,792.31	221.19

23 51 13 19 Barometric Dampers *(23 51 13)*

23 51 13 19-0001 Barometric Dampers *(23 51 13 19)*

23 51 13 19-0002	EA	6" x 6" Barometric Damper	119.65	7.69
23 51 13 19-0003	EA	12" x 12" Barometric Damper	171.12	10.57
23 51 13 19-0004	EA	18" x 18" Barometric Damper	236.74	16.34
23 51 13 19-0005	EA	24" x 24" Barometric Damper	317.12	30.74
23 51 13 19-0006	EA	6" Diameter Barometric Damper	69.70	7.69
		For Stainless Steel, Add	*51.84*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	81.97	8.65
		For Stainless Steel, Add	*61.59*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	95.16	9.61
		For Stainless Steel, Add	*71.42*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	111.88	9.61
		For Stainless Steel, Add	*90.48*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	139.16	11.53
		For Stainless Steel, Add	*123.27*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	171.71	12.49
		For Stainless Steel, Add	*158.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 19-0012	EA	14" Diameter Barometric Damper	210.02	13.45
		For Stainless Steel, Add	*202.76*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	247.11	14.42
		For Stainless Steel, Add	*243.71*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	282.94	16.34
		For Stainless Steel, Add	*284.56*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	361.63	17.29
		For Stainless Steel, Add	*380.19*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	425.25	19.21
		For Stainless Steel, Add	*455.07*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	504.00	19.21
		For Stainless Steel, Add	*552.99*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	613.78	22.10
		For Stainless Steel, Add	*685.49*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	768.98	23.06
		For Stainless Steel, Add	*881.34*	

23 51 16 Fabricated Breechings And Accessories *(23 51)*

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	25.66	7.87
		For Aluminum Liner, Add	*0.33*	
		For Stainless Steel Liner, Add	*0.45*	
		For 2" Wall Instead Of 1", Add	*3.77*	
		For 3" To 4" Wall Instead Of 1", Add	*6.64*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	27.68	8.31
		For Aluminum Liner, Add	*0.41*	
		For Stainless Steel Liner, Add	*0.55*	
		For 2" Wall Instead Of 1", Add	*4.24*	
		For 3" To 4" Wall Instead Of 1", Add	*7.38*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	30.64	8.85
		For Aluminum Liner, Add	*0.48*	
		For Stainless Steel Liner, Add	*0.66*	
		For 2" Wall Instead Of 1", Add	*4.81*	
		For 3" To 4" Wall Instead Of 1", Add	*8.32*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	33.49	9.47
		For Aluminum Liner, Add	*0.56*	
		For Stainless Steel Liner, Add	*0.76*	
		For 2" Wall Instead Of 1", Add	*5.38*	
		For 3" To 4" Wall Instead Of 1", Add	*9.24*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	39.71	10.08
		For Aluminum Liner, Add	*0.82*	
		For Stainless Steel Liner, Add	*1.12*	
		For 2" Wall Instead Of 1", Add	*6.97*	
		For 3" To 4" Wall Instead Of 1", Add	*11.68*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	44.13	10.88
		For Aluminum Liner, Add	*0.92*	
		For Stainless Steel Liner, Add	*1.25*	
		For 2" Wall Instead Of 1", Add	*7.75*	
		For 3" To 4" Wall Instead Of 1", Add	*12.99*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	64.90	11.68
		For Aluminum Liner, Add	*1.94*	
		For Stainless Steel Liner, Add	*2.64*	
		For 2" Wall Instead Of 1", Add	*13.53*	
		For 3" To 4" Wall Instead Of 1", Add	*21.78*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	79.42	12.92
		For Aluminum Liner, Add	*2.60*	
		For Stainless Steel Liner, Add	*3.54*	
		For 2" Wall Instead Of 1", Add	*17.39*	
		For 3" To 4" Wall Instead Of 1", Add	*27.69*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	113.00	13.44
		For Aluminum Liner, Add	*4.36*	
		For Stainless Steel Liner, Add	*5.95*	
		For 2" Wall Instead Of 1", Add	*27.16*	
		For 3" To 4" Wall Instead Of 1", Add	*42.42*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	142.14	14.16
		For Aluminum Liner, Add	*5.88*	
		For Stainless Steel Liner, Add	*8.02*	
		For 2" Wall Instead Of 1", Add	*35.60*	
		For 3" To 4" Wall Instead Of 1", Add	*55.16*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	175.64	14.86
		For Aluminum Liner, Add	*7.59*	
		For Stainless Steel Liner, Add	*10.36*	
		For 2" Wall Instead Of 1", Add	*45.18*	
		For 3" To 4" Wall Instead Of 1", Add	*69.65*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	222.21	23.62
		For Aluminum Liner, Add	*9.02*	
		For Stainless Steel Liner, Add	*12.29*	
		For 2" Wall Instead Of 1", Add	*55.01*	
		For 3" To 4" Wall Instead Of 1", Add	*85.42*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	269.66	24.95
		For Aluminum Liner, Add	*11.37*	
		For Stainless Steel Liner, Add	*15.50*	
		For 2" Wall Instead Of 1", Add	*68.30*	
		For 3" To 4" Wall Instead Of 1", Add	*105.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	321.68	26.55
		For Aluminum Liner, Add	*14.01*	
		For Stainless Steel Liner, Add	*19.11*	
		For 2" Wall Instead Of 1", Add	*83.13*	
		For 3" To 4" Wall Instead Of 1", Add	*128.03*	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	374.94	27.43
		For Aluminum Liner, Add	*16.86*	
		For Stainless Steel Liner, Add	*22.98*	
		For 2" Wall Instead Of 1", Add	*98.79*	
		For 3" To 4" Wall Instead Of 1", Add	*151.60*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	393.25	28.31
		For Aluminum Liner, Add	*17.74*	
		For Stainless Steel Liner, Add	*24.19*	
		For 2" Wall Instead Of 1", Add	*103.83*	
		For 3" To 4" Wall Instead Of 1", Add	*159.28*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	417.85	30.35
		For Aluminum Liner, Add	*18.82*	
		For Stainless Steel Liner, Add	*25.66*	
		For 2" Wall Instead Of 1", Add	*110.21*	
		For 3" To 4" Wall Instead Of 1", Add	*169.10*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	474.12	31.50
		For Aluminum Liner, Add	*21.76*	
		For Stainless Steel Liner, Add	*29.67*	
		For 2" Wall Instead Of 1", Add	*126.52*	
		For 3" To 4" Wall Instead Of 1", Add	*193.71*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	532.38	32.65
		For Aluminum Liner, Add	*24.79*	
		For Stainless Steel Liner, Add	*33.81*	
		For 2" Wall Instead Of 1", Add	*143.40*	
		For 3" To 4" Wall Instead Of 1", Add	*219.17*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	560.57	33.97
		For Aluminum Liner, Add	*26.17*	
		For Stainless Steel Liner, Add	*35.68*	
		For 2" Wall Instead Of 1", Add	*151.20*	
		For 3" To 4" Wall Instead Of 1", Add	*231.05*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	608.65	35.39
		For Aluminum Liner, Add	*28.62*	
		For Stainless Steel Liner, Add	*39.02*	
		For 2" Wall Instead Of 1", Add	*164.92*	
		For 3" To 4" Wall Instead Of 1", Add	*251.80*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	671.35	36.89
		For Aluminum Liner, Add	*31.85*	
		For Stainless Steel Liner, Add	*43.43*	
		For 2" Wall Instead Of 1", Add	*182.95*	
		For 3" To 4" Wall Instead Of 1", Add	*279.04*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	702.35	38.57
		For Aluminum Liner, Add	*33.32*	
		For Stainless Steel Liner, Add	*45.44*	
		For 2" Wall Instead Of 1", Add	*191.40*	
		For 3" To 4" Wall Instead Of 1", Add	*291.92*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	778.21	40.43
		For Aluminum Liner, Add	*37.24*	
		For Stainless Steel Liner, Add	*50.78*	
		For 2" Wall Instead Of 1", Add	*213.24*	
		For 3" To 4" Wall Instead Of 1", Add	*324.91*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	845.62	42.47
		For Aluminum Liner, Add	*40.67*	
		For Stainless Steel Liner, Add	*55.46*	
		For 2" Wall Instead Of 1", Add	*232.45*	
		For 3" To 4" Wall Instead Of 1", Add	*353.98*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	931.15	44.68
		For Aluminum Liner, Add	*45.08*	
		For Stainless Steel Liner, Add	*61.47*	
		For 2" Wall Instead Of 1", Add	*257.04*	
		For 3" To 4" Wall Instead Of 1", Add	*391.13*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	66.62	15.75
		For Aluminum Liner, Add	*1.52*	
		For Stainless Steel Liner, Add	*2.07*	
		For 2" Wall Instead Of 1", Add	*12.18*	
		For 3" To 4" Wall Instead Of 1", Add	*20.22*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	74.06	16.63
		For Aluminum Liner, Add	*1.79*	
		For Stainless Steel Liner, Add	*2.44*	
		For 2" Wall Instead Of 1", Add	*13.92*	
		For 3" To 4" Wall Instead Of 1", Add	*22.96*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	82.94	17.69
		For Aluminum Liner, Add	*2.14*	
		For Stainless Steel Liner, Add	*2.92*	
		For 2" Wall Instead Of 1", Add	*16.07*	
		For 3" To 4" Wall Instead Of 1", Add	*26.31*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	92.01	18.85
		For Aluminum Liner, Add	*2.49*	
		For Stainless Steel Liner, Add	*3.39*	
		For 2" Wall Instead Of 1", Add	*18.24*	
		For 3" To 4" Wall Instead Of 1", Add	*29.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	110.62	20.18
		For Aluminum Liner, Add	*3.33*	
		For Stainless Steel Liner, Add	*4.54*	
		For 2" Wall Instead Of 1", Add	*23.16*	
		For 3" To 4" Wall Instead Of 1", Add	*37.24*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	130.14	21.77
		For Aluminum Liner, Add	*4.17*	
		For Stainless Steel Liner, Add	*5.68*	
		For 2" Wall Instead Of 1", Add	*28.16*	
		For 3" To 4" Wall Instead Of 1", Add	*44.96*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	233.33	23.62
		For Aluminum Liner, Add	*9.58*	
		For Stainless Steel Liner, Add	*13.06*	
		For 2" Wall Instead Of 1", Add	*58.17*	
		For 3" To 4" Wall Instead Of 1", Add	*90.21*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	283.91	25.74
		For Aluminum Liner, Add	*12.08*	
		For Stainless Steel Liner, Add	*16.47*	
		For 2" Wall Instead Of 1", Add	*72.31*	
		For 3" To 4" Wall Instead Of 1", Add	*111.68*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	371.07	26.99
		For Aluminum Liner, Add	*16.70*	
		For Stainless Steel Liner, Add	*22.77*	
		For 2" Wall Instead Of 1", Add	*97.84*	
		For 3" To 4" Wall Instead Of 1", Add	*150.13*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	458.35	28.31
		For Aluminum Liner, Add	*21.32*	
		For Stainless Steel Liner, Add	*29.08*	
		For 2" Wall Instead Of 1", Add	*123.38*	
		For 3" To 4" Wall Instead Of 1", Add	*188.60*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	595.57	29.82
		For Aluminum Liner, Add	*28.65*	
		For Stainless Steel Liner, Add	*39.07*	
		For 2" Wall Instead Of 1", Add	*163.76*	
		For 3" To 4" Wall Instead Of 1", Add	*249.36*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	837.42	47.16
		For Aluminum Liner, Add	*39.57*	
		For Stainless Steel Liner, Add	*53.95*	
		For 2" Wall Instead Of 1", Add	*227.62*	
		For 3" To 4" Wall Instead Of 1", Add	*347.33*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,109.40	49.98
		For Aluminum Liner, Add	*54.14*	
		For Stainless Steel Liner, Add	*73.83*	
		For 2" Wall Instead Of 1", Add	*307.83*	
		For 3" To 4" Wall Instead Of 1", Add	*467.99*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,253.58	53.08
		For Aluminum Liner, Add	*61.64*	
		For Stainless Steel Liner, Add	*84.05*	
		For 2" Wall Instead Of 1", Add	*349.50*	
		For 3" To 4" Wall Instead Of 1", Add	*530.90*	

23 51 16 00-0044 45 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	55.18	15.75
		For Aluminum Liner, Add	*0.87*	
		For Stainless Steel Liner, Add	*1.19*	
		For 2" Wall Instead Of 1", Add	*8.70*	
		For 3" To 4" Wall Instead Of 1", Add	*15.01*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	60.41	16.63
		For Aluminum Liner, Add	*1.03*	
		For Stainless Steel Liner, Add	*1.41*	
		For 2" Wall Instead Of 1", Add	*9.79*	
		For 3" To 4" Wall Instead Of 1", Add	*16.77*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	66.31	17.69
		For Aluminum Liner, Add	*1.21*	
		For Stainless Steel Liner, Add	*1.65*	
		For 2" Wall Instead Of 1", Add	*11.04*	
		For 3" To 4" Wall Instead Of 1", Add	*18.78*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.59	18.85
		For Aluminum Liner, Add	*1.45*	
		For Stainless Steel Liner, Add	*1.98*	
		For 2" Wall Instead Of 1", Add	*12.64*	
		For 3" To 4" Wall Instead Of 1", Add	*21.32*	
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.40	20.18
		For Aluminum Liner, Add	*2.08*	
		For Stainless Steel Liner, Add	*2.84*	
		For 2" Wall Instead Of 1", Add	*16.41*	
		For 3" To 4" Wall Instead Of 1", Add	*27.15*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.95	21.77
		For Aluminum Liner, Add	*2.39*	
		For Stainless Steel Liner, Add	*3.27*	
		For 2" Wall Instead Of 1", Add	*18.50*	
		For 3" To 4" Wall Instead Of 1", Add	*30.48*	
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	167.85	23.62
		For Aluminum Liner, Add	*5.99*	
		For Stainless Steel Liner, Add	*8.16*	
		For 2" Wall Instead Of 1", Add	*38.56*	
		For 3" To 4" Wall Instead Of 1", Add	*60.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	201.58	25.74
		For Aluminum Liner, Add	*7.55*	
		For Stainless Steel Liner, Add	*10.29*	
		For 2" Wall Instead Of 1", Add	*47.61*	
		For 3" To 4" Wall Instead Of 1", Add	*74.63*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	260.53	26.99
		For Aluminum Liner, Add	*10.62*	
		For Stainless Steel Liner, Add	*14.48*	
		For 2" Wall Instead Of 1", Add	*64.67*	
		For 3" To 4" Wall Instead Of 1", Add	*100.38*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	313.07	28.31
		For Aluminum Liner, Add	*13.33*	
		For Stainless Steel Liner, Add	*18.17*	
		For 2" Wall Instead Of 1", Add	*79.77*	
		For 3" To 4" Wall Instead Of 1", Add	*123.19*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	400.12	29.82
		For Aluminum Liner, Add	*17.91*	
		For Stainless Steel Liner, Add	*24.42*	
		For 2" Wall Instead Of 1", Add	*105.14*	
		For 3" To 4" Wall Instead Of 1", Add	*161.43*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	484.93	47.07
		For Aluminum Liner, Add	*20.20*	
		For Stainless Steel Liner, Add	*27.55*	
		For 2" Wall Instead Of 1", Add	*121.95*	
		For 3" To 4" Wall Instead Of 1", Add	*188.80*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	677.76	49.98
		For Aluminum Liner, Add	*30.40*	
		For Stainless Steel Liner, Add	*41.46*	
		For 2" Wall Instead Of 1", Add	*178.33*	
		For 3" To 4" Wall Instead Of 1", Add	*273.75*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	833.09	53.08
		For Aluminum Liner, Add	*38.53*	
		For Stainless Steel Liner, Add	*52.53*	
		For 2" Wall Instead Of 1", Add	*223.40*	
		For 3" To 4" Wall Instead Of 1", Add	*341.73*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,519.03	54.85
		For Aluminum Liner, Add	*76.01*	
		For Stainless Steel Liner, Add	*103.65*	
		For 2" Wall Instead Of 1", Add	*428.30*	
		For 3" To 4" Wall Instead Of 1", Add	*649.30*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,561.32	56.63
		For Aluminum Liner, Add	*78.09*	
		For Stainless Steel Liner, Add	*106.49*	
		For 2" Wall Instead Of 1", Add	*440.10*	
		For 3" To 4" Wall Instead Of 1", Add	*667.23*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,645.89	60.17
		For Aluminum Liner, Add	*82.26*	
		For Stainless Steel Liner, Add	*112.17*	
		For 2" Wall Instead Of 1", Add	*463.70*	
		For 3" To 4" Wall Instead Of 1", Add	*703.07*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,839.62	61.93
		For Aluminum Liner, Add	*92.67*	
		For Stainless Steel Liner, Add	*126.37*	
		For 2" Wall Instead Of 1", Add	*520.94*	
		For 3" To 4" Wall Instead Of 1", Add	*789.15*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,009.38	65.47
		For Aluminum Liner, Add	*101.52*	
		For Stainless Steel Liner, Add	*138.44*	
		For 2" Wall Instead Of 1", Add	*570.10*	
		For 3" To 4" Wall Instead Of 1", Add	*863.33*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,069.97	70.79
		For Aluminum Liner, Add	*104.12*	
		For Stainless Steel Liner, Add	*141.98*	
		For 2" Wall Instead Of 1", Add	*585.62*	
		For 3" To 4" Wall Instead Of 1", Add	*887.28*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,218.14	73.26
		For Aluminum Liner, Add	*111.93*	
		For Stainless Steel Liner, Add	*152.63*	
		For 2" Wall Instead Of 1", Add	*628.84*	
		For 3" To 4" Wall Instead Of 1", Add	*952.41*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,362.79	74.32
		For Aluminum Liner, Add	*119.74*	
		For Stainless Steel Liner, Add	*163.28*	
		For 2" Wall Instead Of 1", Add	*671.70*	
		For 3" To 4" Wall Instead Of 1", Add	*1,016.83*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,466.28	77.86
		For Aluminum Liner, Add	*124.95*	
		For Stainless Steel Liner, Add	*170.38*	
		For 2" Wall Instead Of 1", Add	*700.98*	
		For 3" To 4" Wall Instead Of 1", Add	*1,061.20*	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,617.10	81.40
		For Aluminum Liner, Add	*132.76*	
		For Stainless Steel Liner, Add	*181.03*	
		For 2" Wall Instead Of 1", Add	*744.46*	
		For 3" To 4" Wall Instead Of 1", Add	*1,126.86*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,815.24	84.93
		For Aluminum Liner, Add	*143.17*	
		For Stainless Steel Liner, Add	*195.23*	
		For 2" Wall Instead Of 1", Add	*802.13*	
		For 3" To 4" Wall Instead Of 1", Add	*1,213.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,918.75	88.48
		For Aluminum Liner, Add	*148.37*	
		For Stainless Steel Liner, Add	*202.33*	
		For 2" Wall Instead Of 1", Add	*831.42*	
		For 3" To 4" Wall Instead Of 1", Add	*1,258.18*	
23 51 16 00-0071		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	91.31	20.97
		For Aluminum Liner, Add	*2.13*	
		For Stainless Steel Liner, Add	*2.91*	
		For 2" Wall Instead Of 1", Add	*16.89*	
		For 3" To 4" Wall Instead Of 1", Add	*27.96*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	95.11	21.77
		For Aluminum Liner, Add	*2.24*	
		For Stainless Steel Liner, Add	*3.05*	
		For 2" Wall Instead Of 1", Add	*17.65*	
		For 3" To 4" Wall Instead Of 1", Add	*29.20*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	99.23	22.65
		For Aluminum Liner, Add	*2.34*	
		For Stainless Steel Liner, Add	*3.20*	
		For 2" Wall Instead Of 1", Add	*18.44*	
		For 3" To 4" Wall Instead Of 1", Add	*30.50*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	106.34	23.62
		For Aluminum Liner, Add	*2.60*	
		For Stainless Steel Liner, Add	*3.55*	
		For 2" Wall Instead Of 1", Add	*20.10*	
		For 3" To 4" Wall Instead Of 1", Add	*33.10*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	126.89	24.59
		For Aluminum Liner, Add	*3.59*	
		For Stainless Steel Liner, Add	*4.90*	
		For 2" Wall Instead Of 1", Add	*25.75*	
		For 3" To 4" Wall Instead Of 1", Add	*41.71*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	136.25	25.74
		For Aluminum Liner, Add	*3.96*	
		For Stainless Steel Liner, Add	*5.40*	
		For 2" Wall Instead Of 1", Add	*28.01*	
		For 3" To 4" Wall Instead Of 1", Add	*45.24*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	262.40	26.99
		For Aluminum Liner, Add	*10.72*	
		For Stainless Steel Liner, Add	*14.62*	
		For 2" Wall Instead Of 1", Add	*65.24*	
		For 3" To 4" Wall Instead Of 1", Add	*101.23*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	305.50	28.31
		For Aluminum Liner, Add	*12.91*	
		For Stainless Steel Liner, Add	*17.61*	
		For 2" Wall Instead Of 1", Add	*77.50*	
		For 3" To 4" Wall Instead Of 1", Add	*119.79*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	461.04	31.50
		For Aluminum Liner, Add	*21.03*	
		For Stainless Steel Liner, Add	*28.68*	
		For 2" Wall Instead Of 1", Add	*122.59*	
		For 3" To 4" Wall Instead Of 1", Add	*187.81*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	629.88	35.39
		For Aluminum Liner, Add	*29.78*	
		For Stainless Steel Liner, Add	*40.61*	
		For 2" Wall Instead Of 1", Add	*171.28*	
		For 3" To 4" Wall Instead Of 1", Add	*261.34*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	782.63	40.43
		For Aluminum Liner, Add	*37.48*	
		For Stainless Steel Liner, Add	*51.11*	
		For 2" Wall Instead Of 1", Add	*214.57*	
		For 3" To 4" Wall Instead Of 1", Add	*326.91*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,043.00	49.98
		For Aluminum Liner, Add	*50.50*	
		For Stainless Steel Liner, Add	*68.86*	
		For 2" Wall Instead Of 1", Add	*287.93*	
		For 3" To 4" Wall Instead Of 1", Add	*438.14*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,308.58	65.30
		For Aluminum Liner, Add	*62.99*	
		For Stainless Steel Liner, Add	*85.90*	
		For 2" Wall Instead Of 1", Add	*359.93*	
		For 3" To 4" Wall Instead Of 1", Add	*548.05*	
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,507.20	69.01
		For Aluminum Liner, Add	*73.41*	
		For Stainless Steel Liner, Add	*100.10*	
		For 2" Wall Instead Of 1", Add	*417.65*	
		For 3" To 4" Wall Instead Of 1", Add	*635.11*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,079.01	74.32
		For Aluminum Liner, Add	*104.12*	
		For Stainless Steel Liner, Add	*141.98*	
		For 2" Wall Instead Of 1", Add	*586.53*	
		For 3" To 4" Wall Instead Of 1", Add	*889.08*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,322.78	77.24
		For Aluminum Liner, Add	*117.14*	
		For Stainless Steel Liner, Add	*159.73*	
		For 2" Wall Instead Of 1", Add	*658.23*	
		For 3" To 4" Wall Instead Of 1", Add	*997.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,522.57	81.40
		For Aluminum Liner, Add	*127.55*	
		For Stainless Steel Liner, Add	*173.93*	
		For 2" Wall Instead Of 1", Add	*716.07*	
		For 3" To 4" Wall Instead Of 1", Add	*1,084.28*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,909.99	84.93
		For Aluminum Liner, Add	*148.37*	
		For Stainless Steel Liner, Add	*202.33*	
		For 2" Wall Instead Of 1", Add	*830.54*	
		For 3" To 4" Wall Instead Of 1", Add	*1,256.43*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,966.23	88.48
		For Aluminum Liner, Add	*150.98*	
		For Stainless Steel Liner, Add	*205.88*	
		For 2" Wall Instead Of 1", Add	*845.63*	
		For 3" To 4" Wall Instead Of 1", Add	*1,279.51*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,454.38	94.40
		For Aluminum Liner, Add	*177.01*	
		For Stainless Steel Liner, Add	*241.37*	
		For 2" Wall Instead Of 1", Add	*989.10*	
		For 3" To 4" Wall Instead Of 1", Add	*1,495.46*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,531.19	106.17
		For Aluminum Liner, Add	*179.61*	
		For Stainless Steel Liner, Add	*244.92*	
		For 2" Wall Instead Of 1", Add	*1,006.25*	
		For 3" To 4" Wall Instead Of 1", Add	*1,522.65*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,853.04	121.39
		For Aluminum Liner, Add	*195.23*	
		For Stainless Steel Liner, Add	*266.22*	
		For 2" Wall Instead Of 1", Add	*1,095.23*	
		For 3" To 4" Wall Instead Of 1", Add	*1,658.01*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,234.83	141.56
		For Aluminum Liner, Add	*213.45*	
		For Stainless Steel Liner, Add	*291.07*	
		For 2" Wall Instead Of 1", Add	*1,199.67*	
		For 3" To 4" Wall Instead Of 1", Add	*1,817.20*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,610.03	159.26
		For Aluminum Liner, Add	*231.67*	
		For Stainless Steel Liner, Add	*315.92*	
		For 2" Wall Instead Of 1", Add	*1,303.45*	
		For 3" To 4" Wall Instead Of 1", Add	*1,975.06*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,049.31	164.57
		For Aluminum Liner, Add	*255.10*	
		For Stainless Steel Liner, Add	*347.86*	
		For 2" Wall Instead Of 1", Add	*1,432.57*	
		For 3" To 4" Wall Instead Of 1", Add	*2,169.40*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,346.69	169.88
		For Aluminum Liner, Add	*270.72*	
		For Stainless Steel Liner, Add	*369.16*	
		For 2" Wall Instead Of 1", Add	*1,519.10*	
		For 3" To 4" Wall Instead Of 1", Add	*2,299.87*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	45.44	12.30
		For Aluminum Liner, Add	*0.81*	
		For Stainless Steel Liner, Add	*1.10*	
		For 2" Wall Instead Of 1", Add	*7.48*	
		For 3" To 4" Wall Instead Of 1", Add	*12.76*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	47.63	12.92
		For Aluminum Liner, Add	*0.85*	
		For Stainless Steel Liner, Add	*1.16*	
		For 2" Wall Instead Of 1", Add	*7.85*	
		For 3" To 4" Wall Instead Of 1", Add	*13.38*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	62.18	14.16
		For Aluminum Liner, Add	*1.47*	
		For Stainless Steel Liner, Add	*2.01*	
		For 2" Wall Instead Of 1", Add	*11.58*	
		For 3" To 4" Wall Instead Of 1", Add	*19.13*	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	66.07	15.75
		For Aluminum Liner, Add	*1.47*	
		For Stainless Steel Liner, Add	*2.01*	
		For 2" Wall Instead Of 1", Add	*11.97*	
		For 3" To 4" Wall Instead Of 1", Add	*19.91*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	81.05	16.63
		For Aluminum Liner, Add	*2.17*	
		For Stainless Steel Liner, Add	*2.96*	
		For 2" Wall Instead Of 1", Add	*16.00*	
		For 3" To 4" Wall Instead Of 1", Add	*26.08*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	96.30	17.69
		For Aluminum Liner, Add	*2.86*	
		For Stainless Steel Liner, Add	*3.90*	
		For 2" Wall Instead Of 1", Add	*20.04*	
		For 3" To 4" Wall Instead Of 1", Add	*32.28*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	233.22	20.18
		For Aluminum Liner, Add	*10.05*	
		For Stainless Steel Liner, Add	*13.70*	
		For 2" Wall Instead Of 1", Add	*59.86*	
		For 3" To 4" Wall Instead Of 1", Add	*92.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	438.02	25.31
		For Aluminum Liner, Add	*20.62*	
		For Stainless Steel Liner, Add	*28.11*	
		For 2" Wall Instead Of 1", Add	*118.77*	
		For 3" To 4" Wall Instead Of 1", Add	*181.31*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	814.15	30.35
		For Aluminum Liner, Add	*40.61*	
		For Stainless Steel Liner, Add	*55.37*	
		For 2" Wall Instead Of 1", Add	*229.08*	
		For 3" To 4" Wall Instead Of 1", Add	*347.41*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,355.66	42.47
		For Aluminum Liner, Add	*68.72*	
		For Stainless Steel Liner, Add	*93.71*	
		For 2" Wall Instead Of 1", Add	*385.46*	
		For 3" To 4" Wall Instead Of 1", Add	*583.50*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,004.84	44.68
		For Aluminum Liner, Add	*104.12*	
		For Stainless Steel Liner, Add	*141.98*	
		For 2" Wall Instead Of 1", Add	*579.11*	
		For 3" To 4" Wall Instead Of 1", Add	*874.25*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,247.74	47.16
		For Aluminum Liner, Add	*117.14*	
		For Stainless Steel Liner, Add	*159.73*	
		For 2" Wall Instead Of 1", Add	*650.73*	
		For 3" To 4" Wall Instead Of 1", Add	*981.99*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,538.71	49.98
		For Aluminum Liner, Add	*132.76*	
		For Stainless Steel Liner, Add	*181.03*	
		For 2" Wall Instead Of 1", Add	*736.62*	
		For 3" To 4" Wall Instead Of 1", Add	*1,111.18*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,688.49	53.08
		For Aluminum Liner, Add	*140.56*	
		For Stainless Steel Liner, Add	*191.68*	
		For 2" Wall Instead Of 1", Add	*779.99*	
		For 3" To 4" Wall Instead Of 1", Add	*1,176.63*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,839.32	56.63
		For Aluminum Liner, Add	*148.37*	
		For Stainless Steel Liner, Add	*202.33*	
		For 2" Wall Instead Of 1", Add	*823.47*	
		For 3" To 4" Wall Instead Of 1", Add	*1,242.29*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,038.62	60.69
		For Aluminum Liner, Add	*158.79*	
		For Stainless Steel Liner, Add	*216.53*	
		For 2" Wall Instead Of 1", Add	*881.27*	
		For 3" To 4" Wall Instead Of 1", Add	*1,329.48*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	18.21	6.63
		For Aluminum Liner, Add	*0.09*	
		For Stainless Steel Liner, Add	*0.13*	
		For 2" Wall Instead Of 1", Add	*2.16*	
		For 3" To 4" Wall Instead Of 1", Add	*4.06*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	23.05	8.49
		For Aluminum Liner, Add	*0.10*	
		For Stainless Steel Liner, Add	*0.13*	
		For 2" Wall Instead Of 1", Add	*2.65*	
		For 3" To 4" Wall Instead Of 1", Add	*5.04*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	30.66	11.41
		For Aluminum Liner, Add	*0.12*	
		For Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*3.49*	
		For 3" To 4" Wall Instead Of 1", Add	*6.66*	
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	38.41	14.16
		For Aluminum Liner, Add	*0.17*	
		For Stainless Steel Liner, Add	*0.23*	
		For 2" Wall Instead Of 1", Add	*4.45*	
		For 3" To 4" Wall Instead Of 1", Add	*8.44*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	55.53	19.11
		For Aluminum Liner, Add	*0.43*	
		For Stainless Steel Liner, Add	*0.58*	
		For 2" Wall Instead Of 1", Add	*7.10*	
		For 3" To 4" Wall Instead Of 1", Add	*13.04*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	70.26	23.71
		For Aluminum Liner, Add	*0.60*	
		For Stainless Steel Liner, Add	*0.82*	
		For 2" Wall Instead Of 1", Add	*9.22*	
		For 3" To 4" Wall Instead Of 1", Add	*16.80*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	89.40	28.31
		For Aluminum Liner, Add	*1.02*	
		For Stainless Steel Liner, Add	*1.40*	
		For 2" Wall Instead Of 1", Add	*12.66*	
		For 3" To 4" Wall Instead Of 1", Add	*22.53*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	117.36	33.62
		For Aluminum Liner, Add	*1.83*	
		For Stainless Steel Liner, Add	*2.50*	
		For 2" Wall Instead Of 1", Add	*18.40*	
		For 3" To 4" Wall Instead Of 1", Add	*31.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	159.87	37.16
		For Aluminum Liner, Add	*3.68*	
		For Stainless Steel Liner, Add	*5.02*	
		For 2" Wall Instead Of 1", Add	*29.38*	
		For 3" To 4" Wall Instead Of 1", Add	*48.72*	

23 51 16 00-0125 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	50.18	15.75
		For Aluminum Liner, Add	*0.60*	
		For Stainless Steel Liner, Add	*0.82*	
		For 2" Wall Instead Of 1", Add	*7.20*	
		For 3" To 4" Wall Instead Of 1", Add	*12.76*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	55.67	16.63
		For Aluminum Liner, Add	*0.77*	
		For Stainless Steel Liner, Add	*1.05*	
		For 2" Wall Instead Of 1", Add	*8.37*	
		For 3" To 4" Wall Instead Of 1", Add	*14.64*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	70.63	18.85
		For Aluminum Liner, Add	*1.29*	
		For Stainless Steel Liner, Add	*1.76*	
		For 2" Wall Instead Of 1", Add	*11.76*	
		For 3" To 4" Wall Instead Of 1", Add	*19.99*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	86.50	21.77
		For Aluminum Liner, Add	*1.76*	
		For Stainless Steel Liner, Add	*2.41*	
		For 2" Wall Instead Of 1", Add	*15.07*	
		For 3" To 4" Wall Instead Of 1", Add	*25.32*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	147.04	23.62
		For Aluminum Liner, Add	*4.84*	
		For Stainless Steel Liner, Add	*6.60*	
		For 2" Wall Instead Of 1", Add	*32.31*	
		For 3" To 4" Wall Instead Of 1", Add	*51.42*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	176.00	25.74
		For Aluminum Liner, Add	*6.14*	
		For Stainless Steel Liner, Add	*8.38*	
		For 2" Wall Instead Of 1", Add	*39.94*	
		For 3" To 4" Wall Instead Of 1", Add	*63.12*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	208.04	28.31
		For Aluminum Liner, Add	*7.55*	
		For Stainless Steel Liner, Add	*10.29*	
		For 2" Wall Instead Of 1", Add	*48.25*	
		For 3" To 4" Wall Instead Of 1", Add	*75.92*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	249.13	31.50
		For Aluminum Liner, Add	*9.37*	
		For Stainless Steel Liner, Add	*12.78*	
		For 2" Wall Instead Of 1", Add	*58.99*	
		For 3" To 4" Wall Instead Of 1", Add	*92.42*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	381.96	35.39
		For Aluminum Liner, Add	*16.14*	
		For Stainless Steel Liner, Add	*22.01*	
		For 2" Wall Instead Of 1", Add	*96.88*	
		For 3" To 4" Wall Instead Of 1", Add	*149.75*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	417.08	47.16
		For Aluminum Liner, Add	*16.45*	
		For Stainless Steel Liner, Add	*22.43*	
		For 2" Wall Instead Of 1", Add	*101.53*	
		For 3" To 4" Wall Instead Of 1", Add	*158.19*	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	530.33	60.69
		For Aluminum Liner, Add	*20.82*	
		For Stainless Steel Liner, Add	*28.40*	
		For 2" Wall Instead Of 1", Add	*128.76*	
		For 3" To 4" Wall Instead Of 1", Add	*200.72*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	631.30	70.79
		For Aluminum Liner, Add	*24.99*	
		For Stainless Steel Liner, Add	*34.08*	
		For 2" Wall Instead Of 1", Add	*154.00*	
		For 3" To 4" Wall Instead Of 1", Add	*239.85*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	19.67	6.63
		For Aluminum Liner, Add	*0.17*	
		For Stainless Steel Liner, Add	*0.24*	
		For 2" Wall Instead Of 1", Add	*2.60*	
		For 3" To 4" Wall Instead Of 1", Add	*4.72*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	24.84	8.49
		For Aluminum Liner, Add	*0.20*	
		For Stainless Steel Liner, Add	*0.27*	
		For 2" Wall Instead Of 1", Add	*3.21*	
		For 3" To 4" Wall Instead Of 1", Add	*5.87*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	29.26	9.91
		For Aluminum Liner, Add	*0.25*	
		For Stainless Steel Liner, Add	*0.34*	
		For 2" Wall Instead Of 1", Add	*3.82*	
		For 3" To 4" Wall Instead Of 1", Add	*6.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	33.71	11.32
		For Aluminum Liner, Add	*0.30*	
		For Stainless Steel Liner, Add	*0.40*	
		For 2" Wall Instead Of 1", Add	*4.45*	
		For 3" To 4" Wall Instead Of 1", Add	*8.09*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	42.56	14.16
		For Aluminum Liner, Add	*0.39*	
		For Stainless Steel Liner, Add	*0.54*	
		For 2" Wall Instead Of 1", Add	*5.69*	
		For 3" To 4" Wall Instead Of 1", Add	*10.30*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	59.02	19.11
		For Aluminum Liner, Add	*0.62*	
		For Stainless Steel Liner, Add	*0.84*	
		For 2" Wall Instead Of 1", Add	*8.15*	
		For 3" To 4" Wall Instead Of 1", Add	*14.61*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	72.78	23.71
		For Aluminum Liner, Add	*0.74*	
		For Stainless Steel Liner, Add	*1.01*	
		For 2" Wall Instead Of 1", Add	*9.98*	
		For 3" To 4" Wall Instead Of 1", Add	*17.93*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	93.69	28.31
		For Aluminum Liner, Add	*1.26*	
		For Stainless Steel Liner, Add	*1.72*	
		For 2" Wall Instead Of 1", Add	*13.95*	
		For 3" To 4" Wall Instead Of 1", Add	*24.47*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	125.52	33.62
		For Aluminum Liner, Add	*2.28*	
		For Stainless Steel Liner, Add	*3.11*	
		For 2" Wall Instead Of 1", Add	*20.85*	
		For 3" To 4" Wall Instead Of 1", Add	*35.47*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	180.27	37.16
		For Aluminum Liner, Add	*4.81*	
		For Stainless Steel Liner, Add	*6.55*	
		For 2" Wall Instead Of 1", Add	*35.50*	
		For 3" To 4" Wall Instead Of 1", Add	*57.90*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	34.37	8.31
		For 2" Wall Instead Of 1", Add	*6.15*	
		For 3" To 4" Wall Instead Of 1", Add	*10.27*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	38.07	8.85
		For 2" Wall Instead Of 1", Add	*7.03*	
		For 3" To 4" Wall Instead Of 1", Add	*11.64*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	42.31	9.47
		For 2" Wall Instead Of 1", Add	*7.97*	
		For 3" To 4" Wall Instead Of 1", Add	*13.13*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	75.68	17.25
		For 2" Wall Instead Of 1", Add	*14.07*	
		For 3" To 4" Wall Instead Of 1", Add	*23.27*	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.30	20.18
		For 2" Wall Instead Of 1", Add	*16.40*	
		For 3" To 4" Wall Instead Of 1", Add	*27.13*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	105.63	22.82
		For 2" Wall Instead Of 1", Add	*20.27*	
		For 3" To 4" Wall Instead Of 1", Add	*33.26*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	77.31	17.25
		For 2" Wall Instead Of 1", Add	*14.56*	
		For 3" To 4" Wall Instead Of 1", Add	*24.00*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	92.25	20.18
		For 2" Wall Instead Of 1", Add	*17.59*	
		For 3" To 4" Wall Instead Of 1", Add	*28.90*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	108.18	22.82
		For 2" Wall Instead Of 1", Add	*21.04*	
		For 3" To 4" Wall Instead Of 1", Add	*34.41*	

23 51 16 00-0161 Tees *(23 51 16 00-0149)*

23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	127.56	26.18
		For 2" Wall Instead Of 1", Add	*25.16*	
		For 3" To 4" Wall Instead Of 1", Add	*41.02*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	130.12	26.18
		For 2" Wall Instead Of 1", Add	*25.93*	
		For 3" To 4" Wall Instead Of 1", Add	*42.17*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	149.54	30.08
		For 2" Wall Instead Of 1", Add	*29.82*	
		For 3" To 4" Wall Instead Of 1", Add	*48.49*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	171.37	33.71
		For 2" Wall Instead Of 1", Add	*34.56*	
		For 3" To 4" Wall Instead Of 1", Add	*56.05*	

23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	49.43	8.49
		For 2" Wall Instead Of 1", Add	*10.57*	
		For 3" To 4" Wall Instead Of 1", Add	*16.91*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	77.90	11.41
		For 2" Wall Instead Of 1", Add	*17.66*	
		For 3" To 4" Wall Instead Of 1", Add	*27.92*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	39.44	8.49
		For 2" Wall Instead Of 1", Add	*7.57*	
		For 3" To 4" Wall Instead Of 1", Add	*12.42*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	68.49	11.41
		For 2" Wall Instead Of 1", Add	*14.84*	
		For 3" To 4" Wall Instead Of 1", Add	*23.69*	

23 51 16 00-0171 Storm Collars *(23 51 16 00-0149)*

23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	24.84	8.49
		For 2" Wall Instead Of 1", Add	*3.21*	
		For 3" To 4" Wall Instead Of 1", Add	*5.87*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	29.26	9.91
		For 2" Wall Instead Of 1", Add	*3.82*	
		For 3" To 4" Wall Instead Of 1", Add	*6.97*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	33.71	11.32
		For 2" Wall Instead Of 1", Add	*4.45*	
		For 3" To 4" Wall Instead Of 1", Add	*8.09*	

23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0176 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0175)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	83.42	9.47
		For 316 Stainless Steel, Add	*9.57*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*5.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*11.96*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	100.24	10.88
		For 316 Stainless Steel, Add	*11.68*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.30*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*14.60*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	111.22	11.76
		For 316 Stainless Steel, Add	*13.08*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.18*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.35*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	125.36	12.83
		For 316 Stainless Steel, Add	*14.91*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.32*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.64*	
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	140.98	13.44
		For 316 Stainless Steel, Add	*17.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.45*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	148.88	14.16
		For 316 Stainless Steel, Add	*18.15*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.34*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.69*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	164.78	14.95
		For 316 Stainless Steel, Add	*20.40*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.50*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	204.97	23.62
		For 316 Stainless Steel, Add	*23.35*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.19*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	254.54	26.55
		For 316 Stainless Steel, Add	*30.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.82*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.63*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	287.05	28.31
		For 316 Stainless Steel, Add	*34.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.26*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	321.24	31.41
		For 316 Stainless Steel, Add	*38.83*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*48.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	357.40	33.97
		For 316 Stainless Steel, Add	*43.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.26*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*54.51*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	408.00	38.66
		For 316 Stainless Steel, Add	*49.80*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.25*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	477.70	44.77
		For 316 Stainless Steel, Add	*58.52*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*73.16*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	388.26	19.55
		For 316 Stainless Steel, Add	*67.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*33.94*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*67.88*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	428.97	21.77
		For 316 Stainless Steel, Add	*74.91*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.46*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.91*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	488.12	23.62
		For 316 Stainless Steel, Add	*85.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*42.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*85.82*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	551.45	25.74
		For 316 Stainless Steel, Add	*97.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*48.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*97.42*	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.95	26.99
		For 316 Stainless Steel, Add	*114.31*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.15*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*114.31*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	703.84	28.31
		For 316 Stainless Steel, Add	*126.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*63.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*126.61*	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	813.08	29.82
		For 316 Stainless Steel, Add	*147.72*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*73.86*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*147.72*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	944.48	47.16
		For 316 Stainless Steel, Add	*165.30*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*82.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*165.30*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,161.46	53.08
		For 316 Stainless Steel, Add	*205.75*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.88*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*205.75*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,407.71	56.63
		For 316 Stainless Steel, Add	*253.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*126.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*253.23*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,857.39	60.61
		For 316 Stainless Steel, Add	*341.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*170.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*341.16*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,111.34	70.79
		For 316 Stainless Steel, Add	*386.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*193.44*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*386.88*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,094.58	77.24
		For 316 Stainless Steel, Add	*580.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*290.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*580.32*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,861.31	84.93
		For 316 Stainless Steel, Add	*729.79*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*364.90*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*729.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0206		45 Degree Elbows *(23 51 16 00-0175)*		
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	259.94	18.85
		For 316 Stainless Steel, Add	*42.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.56*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	297.08	21.77
		For 316 Stainless Steel, Add	*48.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*48.54*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	329.84	23.62
		For 316 Stainless Steel, Add	*54.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*54.16*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	375.59	25.74
		For 316 Stainless Steel, Add	*62.25*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.25*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	422.65	26.99
		For 316 Stainless Steel, Add	*71.05*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*35.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*71.05*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	473.48	28.31
		For 316 Stainless Steel, Add	*80.54*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*40.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*80.54*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	529.95	29.82
		For 316 Stainless Steel, Add	*91.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*45.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*91.09*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	638.51	47.16
		For 316 Stainless Steel, Add	*104.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*104.11*	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	800.97	53.08
		For 316 Stainless Steel, Add	*133.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*66.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*133.65*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	897.73	56.63
		For 316 Stainless Steel, Add	*151.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*75.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*151.23*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,162.77	60.61
		For 316 Stainless Steel, Add	*202.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*101.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*202.23*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,539.82	70.79
		For 316 Stainless Steel, Add	*272.57*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*136.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*272.57*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,039.46	77.24
		For 316 Stainless Steel, Add	*369.29*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*184.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*369.29*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,718.28	84.93
		For 316 Stainless Steel, Add	*501.18*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*250.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*501.18*	
23 51 16 00-0221		Tees *(23 51 16 00-0175)*		
23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	282.37	23.62
		For 316 Stainless Steel, Add	*49.13*	
		For Tee Cap, Add	*65.33*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.67*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	321.08	25.74
		For 316 Stainless Steel, Add	*56.49*	
		For Tee Cap, Add	*73.87*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.11	26.99
		For 316 Stainless Steel, Add	*66.16*	
		For Tee Cap, Add	*83.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*60.14*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	422.48	28.31
		For 316 Stainless Steel, Add	*77.38*	
		For Tee Cap, Add	*95.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*35.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*70.34*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	493.66	31.50
		For 316 Stainless Steel, Add	*91.30*	
		For Tee Cap, Add	*110.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*41.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*83.00*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	554.43	35.39
		For 316 Stainless Steel, Add	*102.52*	
		For Tee Cap, Add	*124.15*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*93.20*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	646.19	40.43
		For 316 Stainless Steel, Add	*119.93*	
		For Tee Cap, Add	*144.39*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*54.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*109.03*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	740.40	49.98
		For 316 Stainless Steel, Add	*135.41*	
		For Tee Cap, Add	*166.82*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*61.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*123.10*	
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	941.91	70.79
		For 316 Stainless Steel, Add	*168.29*	
		For Tee Cap, Add	*214.92*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*76.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*152.99*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,142.60	77.24
		For 316 Stainless Steel, Add	*208.91*	
		For Tee Cap, Add	*257.47*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*94.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*189.92*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,513.66	84.93
		For 316 Stainless Steel, Add	*286.29*	
		For Tee Cap, Add	*334.58*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*130.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*260.26*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,686.86	94.40
		For 316 Stainless Steel, Add	*319.18*	
		For Tee Cap, Add	*372.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*145.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*290.16*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,683.98	141.56
		For 316 Stainless Steel, Add	*512.62*	
		For Tee Cap, Add	*589.88*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*233.01*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*466.01*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,370.26	169.88
		For 316 Stainless Steel, Add	*648.02*	
		For Tee Cap, Add	*737.76*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*294.56*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*589.11*	

23 51 16 00-0236 Bellows *(23 51 16 00-0175)*

23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	529.00	18.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*48.18*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*96.37*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	576.69	21.77
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.23*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*104.46*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	630.57	23.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*57.15*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*114.31*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	697.40	25.74
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*63.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*126.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	779.63	26.99
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*71.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*142.44*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	862.11	28.31
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*79.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*158.27*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	962.55	29.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*88.81*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*177.61*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,120.33	47.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*100.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*200.47*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,381.28	53.08
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*124.86*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*249.71*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,548.41	56.63
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*140.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*281.37*	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,769.56	60.69
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*161.79*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*323.57*	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,023.43	70.79
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*184.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*369.29*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,567.04	77.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*237.40*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*474.81*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,113.95	84.93
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*290.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*580.32*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	353.39	21.77
		For 316 Stainless Steel, Add	*29.90*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	384.38	25.74
		For 316 Stainless Steel, Add	*32.01*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.70	28.31
		For 316 Stainless Steel, Add	*35.00*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	455.03	31.50
		For 316 Stainless Steel, Add	*37.63*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	577.44	33.36
		For 316 Stainless Steel, Add	*49.42*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	517.54	35.39
		For 316 Stainless Steel, Add	*42.91*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	556.91	37.78
		For 316 Stainless Steel, Add	*46.25*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	628.63	53.08
		For 316 Stainless Steel, Add	*49.59*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	705.45	60.61
		For 316 Stainless Steel, Add	*55.39*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	805.11	65.30
		For 316 Stainless Steel, Add	*64.19*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	897.84	70.69
		For 316 Stainless Steel, Add	*72.10*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,003.55	84.85
		For 316 Stainless Steel, Add	*79.13*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,282.16	94.31
		For 316 Stainless Steel, Add	*104.63*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,584.16	106.09
		For 316 Stainless Steel, Add	*131.89*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	243.59	12.30

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	257.04	13.44
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	276.30	14.16
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	288.72	14.86
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	317.86	15.31
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	346.99	15.66
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.25	16.19
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	527.79	30.35
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	661.97	32.65
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	788.36	33.97
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	967.76	35.39
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,098.92	38.66
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,384.88	40.43
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,768.01	42.47

23 51 16 00-0281 Vent Top Caps *(23 51 16 00-0175)*

23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	266.37	12.30
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	308.04	13.44
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	357.17	14.16
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	410.03	14.86
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	477.85	15.31
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	542.24	15.75
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	603.16	16.19
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	726.43	30.35
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	864.20	32.65
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	937.78	33.97
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,064.42	35.39
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,239.50	38.57
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,507.92	40.43
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,750.36	42.47

23 51 16 00-0296 Roof Support Assemblies *(23 51 16 00-0175)*

23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	402.99	22.65
		For 316 Stainless Steel, Add	*69.29*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	445.51	26.99
		For 316 Stainless Steel, Add	*75.62*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	489.47	29.82
		For 316 Stainless Steel, Add	*83.00*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	522.85	33.27
		For 316 Stainless Steel, Add	*87.93*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	582.63	35.39
		For 316 Stainless Steel, Add	*98.83*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	618.43	37.78
		For 316 Stainless Steel, Add	*104.81*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	663.94	40.52
		For 316 Stainless Steel, Add	*112.55*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	739.46	56.63
		For 316 Stainless Steel, Add	*119.58*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	831.61	65.38
		For 316 Stainless Steel, Add	*133.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	959.50	70.79
		For 316 Stainless Steel, Add	*156.51*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,142.62	77.24
		For 316 Stainless Steel, Add	*189.92*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,326.35	94.40
		For 316 Stainless Steel, Add	*218.06*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,971.19	106.17
		For 316 Stainless Steel, Add	*341.16*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,412.01	120.68
		For 316 Stainless Steel, Add	*422.05*	

23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

23 51 16 00-0312 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0311)*

Note: With 1" insulation.

23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	72.88	9.47
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*4.92*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*9.85*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	88.61	10.08
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*12.66*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	101.12	10.88
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*14.77*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	136.68	11.76
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.45*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	176.40	12.92
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.42*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.84*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	223.71	13.54
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.98*	

23 51 16 00-0319 90 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	157.11	18.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.98*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	173.62	20.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*24.62*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	195.12	21.77
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.14*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	241.91	23.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*36.58*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	287.66	25.74
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*44.67*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	334.68	26.99
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*53.46*	

23 51 16 00-0326 45 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	129.63	18.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.49*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	142.83	20.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.23*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.46*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	159.95	21.77
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.10*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	196.18	23.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.72*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*27.43*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	231.82	25.74
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*16.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*33.50*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	267.89	26.99
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*20.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*40.09*	

23 51 16 00-0333 Tees With Tee Caps *(23 51 16 00-0311)*

23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	254.66	18.85
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*20.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*41.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	321.34	20.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*54.16*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	360.40	21.77
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*61.20*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	489.79	23.62
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*86.17*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	671.00	25.74
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*60.67*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*121.34*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	858.69	26.99
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*79.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*158.27*	

23 51 16 00-0340 Joist Shields *(23 51 16 00-0311)*

23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	110.47	18.85
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	119.10	20.18
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	138.82	21.77
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	172.48	23.62
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	205.88	25.74
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	243.23	26.99

23 51 16 00-0347 Adjustable Roof Flashing *(23 51 16 00-0311)*

23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	130.69	18.85
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	145.47	20.18
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	158.15	21.77
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	191.80	23.62
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	235.84	25.74
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	281.89	26.90

23 51 16 00-0354 Vent Top Caps *(23 51 16 00-0311)*

23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	117.50	18.85
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	146.35	20.18
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	182.78	21.77
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	289.42	23.62
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	393.22	25.74
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	499.99	26.99

23 51 16 00-0361 Roof Support Assemblies *(23 51 16 00-0311)*

23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	172.83	18.85
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	192.07	20.18
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	208.27	21.77
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	261.20	23.62
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	308.77	25.74
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	376.90	26.99

23 51 16 00-0368 Polyvinyl Chloride (PVC) Flue/Vent Accessories *(23 51 16)*

23 51 16 00-0369 Concentric Polyvinyl Chloride (PVC) Vent Termination *(23 51 16 00-0368)*

23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	147.79	36.04
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	158.61	36.04

23 51 16 00-0372 Polypropylene (PP) Flue/Vent Pipe And Fittings *(23 51 16)*

Note: Centrotherm InnoFlue® Vent System

23 51 16 00-0373 Polypropylene Flue/Vent Rigid Pipe Sections *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.

23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	31.64	10.95
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	35.36	11.52
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	40.24	12.80
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	49.41	15.05
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	37.64	12.55
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	44.10	13.21
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	53.06	14.68
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	65.03	17.26
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	59.38	16.59
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	68.67	17.47
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	83.83	19.41
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	107.03	22.83
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	88.00	24.50
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	99.11	25.78
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	125.53	28.65
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	160.77	33.71

23 51 16 00-0390 Polypropylene Flue/Vent Elbows *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	38.97	13.29

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23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	44.52	14.00
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	53.57	14.51
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	61.01	15.11
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	38.97	13.29
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	44.52	14.00
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	53.57	14.51
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	61.01	15.11
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	38.97	13.29
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	44.52	14.00
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	53.57	14.51
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	61.01	15.11
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	38.97	13.29
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	44.52	14.00
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	53.03	14.51
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	62.34	15.11

23 51 16 00-0407 Polypropylene Flue/Vent Tees *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	106.48	19.96
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	131.00	21.00
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	151.75	21.77
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	165.24	22.65

23 51 16 00-0412 Polypropylene Flue/Vent Adaptors *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	44.21	13.29
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	59.79	14.00
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	68.35	14.51
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	89.91	15.11

23 51 16 00-0417 Polypropylene Flue/Vent Increases *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	48.22	13.66
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	52.32	14.25
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	86.48	14.80
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	61.68	13.66
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	51.22	14.25
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	115.21	14.80

23 51 16 00-0424 Polypropylene Flue/Vent Reducers *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	48.22	13.66
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	52.32	14.25
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	104.39	14.80

23 51 16 00-0428 Polypropylene Flue/Vent Test Ports *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	63.03	19.96
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	69.73	21.00
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	99.41	21.77
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	105.73	22.65

23 51 16 00-0433 Polypropylene Flue/Vent Cascade Components *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	154.16	21.77
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	200.98	27.21
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	130.16	22.65
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	189.11	28.31
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	187.22	14.25
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	215.56	14.80

23 51 16 00-0440 Polypropylene Flue/Vent Condensate Management *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	81.19	19.96
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	95.93	21.00
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	108.26	21.77
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	121.99	22.65
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	132.84	21.77
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	145.51	22.65
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	43.36	6.65
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	54.58	6.99
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	64.11	7.26
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	82.38	7.55
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	89.05	19.96
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	106.83	21.00
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	121.78	21.77
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	144.21	22.65

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	106.82	13.29
23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	95.84	14.00
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	117.81	14.51
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	229.56	14.00
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	244.82	14.51
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	284.49	15.11
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	66.94	13.29
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	70.30	13.29
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	73.67	13.29
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	77.04	13.29
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	72.05	14.00
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	75.42	14.00
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	78.79	14.00
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	82.16	14.00
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	80.07	14.51
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	83.44	14.51
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	86.81	14.51
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	70.27	13.29
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	87.89	14.00
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	84.84	19.96
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	108.01	21.00
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	125.55	21.77
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	137.40	22.65
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	33.31	11.52
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	39.16	12.80
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	39.62	13.21
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	48.21	14.68
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	58.07	17.47
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	81.33	25.78
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	96.74	28.65
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	36.01	11.52
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	45.21	13.21
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	71.16	17.47
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	40.04	13.29
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	45.87	14.00
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	55.29	14.51
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	39.54	13.29
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	45.53	14.00
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	54.70	14.51
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	24.39	6.65
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	27.91	6.99
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	30.86	7.26
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	55.51	6.99
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	63.45	7.55
23 51 16 00-0500		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0372)*		
23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	12.38	3.33
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	12.03	3.50
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	12.40	3.62
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	18.25	3.77
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	22.52	4.99
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	26.04	5.24
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	29.77	5.44
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	21.58	4.99
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	21.84	5.44
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	25.96	5.67
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	17.44	5.24
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	36.65	13.29
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	39.95	14.00
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	42.65	14.51
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	46.89	15.11
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	2.16	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	2.42	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	3.27	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	5.41	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	10.63	3.33
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	11.87	3.50
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	12.68	3.62
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	13.86	3.77
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	46.74	6.65
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	48.04	6.99
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	37.05	7.26
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	40.11	4.99
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	41.44	5.24
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	54.57	5.44
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	90.12	5.67
23 51 16 00-0531		**Polypropylene Flue/Vent Flex Pipe** *(23 51 16 00-0372)*		
23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	7.41	1.17
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	6.52	1.17
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	9.08	1.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	7.95	1.38
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	12.90	1.70
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	11.17	1.70

23 51 16 00-0538 Polypropylene Flue/Vent Couplers *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	55.57	13.29
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	61.20	13.29
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	116.02	14.00
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	204.71	14.51
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	62.85	13.29
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	136.56	14.00
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	339.46	14.51

23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0372)*

23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	70.32	13.29
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	66.09	14.00
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	79.89	14.51

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001 Packaged Electric Steam Boiler *(23 52 13)*

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.

23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	10,927.74	505.61
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	11,847.53	589.88
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	12,983.54	632.03
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	14,630.42	674.16
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	16,232.20	716.30
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	19,105.24	800.57
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	21,978.28	884.84
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	22,633.52	926.97
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	23,273.71	969.10
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	31,405.50	1,053.37
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	32,842.01	1,095.51
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	34,354.86	1,175.80
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	35,881.31	1,262.90
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	38,880.20	1,349.99
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	42,026.29	1,480.64
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	44,367.13	1,524.20
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	46,707.98	1,567.74
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	48,297.58	1,611.29
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	49,887.17	1,654.84
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	53,366.86	1,741.93
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	56,846.57	1,829.03
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	60,239.16	1,872.58
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	67,838.76	1,916.12
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	72,971.20	2,003.22
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	74,798.14	2,090.32
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	83,473.43	2,220.97
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	85,838.22	2,351.61
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	88,203.02	2,482.25
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	94,774.81	2,612.90
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	97,653.50	2,700.00
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	101,607.88	2,874.19
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	105,261.77	3,048.38
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	116,127.66	3,222.58
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	122,786.54	3,396.77

23 52 13 00-0036 Packaged Electric Hot Water Boiler *(23 52 13)*

Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.

23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	9,190.72	463.48
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	9,875.99	505.61
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	10,561.26	547.75
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	11,141.36	589.88
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	11,736.46	632.03
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	12,316.57	674.16
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	13,001.83	716.30
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	13,987.60	758.43
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	14,567.70	800.57
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	15,132.77	842.70
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	16,118.54	884.84
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	16,954.06	926.97
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	18,315.46	969.10
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	19,000.73	1,011.24
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	19,761.13	1,053.37
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	21,828.69	1,095.51
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	23,987.61	1,175.80
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	26,145.11	1,262.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	28,317.62	1,349.99
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	30,562.21	1,480.64
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	32,734.73	1,567.74
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	34,486.55	1,654.84
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	36,151.27	1,698.39
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	38,552.21	1,741.93
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	40,920.07	1,829.03
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	43,324.07	1,829.03
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	47,618.16	1,872.58
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	50,034.14	1,916.12
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	52,537.20	2,003.22
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	54,953.17	2,046.77
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	57,369.14	2,090.32
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	59,132.93	2,220.97
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	62,399.22	2,351.61
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	73,779.02	2,482.25
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	81,252.31	2,612.90
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	85,032.50	2,700.00
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	89,137.13	2,874.19
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	93,241.77	3,048.38
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	104,408.16	3,222.58
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	111,367.54	3,396.77
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	114,396.49	3,483.86
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	117,425.43	3,570.97
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	117,686.72	3,701.61
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	134,388.41	3,788.70
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	143,664.71	3,919.35
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	161,616.28	4,180.64
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	174,507.21	4,616.12
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	193,582.41	5,138.71
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	202,140.07	5,661.29

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	10,106.00	337.08
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	9,505.56	444.95
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	10,142.85	500.56
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	10,835.76	556.18
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	14,003.55	556.18
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	16,394.98	674.16
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	21,952.50	723.03
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	30,708.43	889.89
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	37,528.35	973.32
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	54,123.73	1,140.17
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	59,637.27	1,223.60

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	27,002.85	723.03
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	28,154.81	723.03
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	31,559.50	889.89
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	34,200.49	1,001.13
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	37,952.90	1,056.74
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	43,453.50	1,140.17
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	51,897.99	1,223.60

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners.

23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	54,797.10	1,334.84
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	63,424.32	1,390.45
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	73,472.30	1,473.88

23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0026	EA	165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	6,531.49	500.56
23 52 16 13-0027	EA	226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286)	8,462.92	556.18

23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0029	EA	324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400)	11,119.76	667.42
23 52 16 13-0030	EA	406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501)	13,686.01	674.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0031	EA	493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601)	16,034.56	723.03
23 52 16 13-0032	EA	574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701)	18,309.73	723.03
23 52 16 13-0033	EA	654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801)	21,060.71	806.46
23 52 16 13-0034		**Lochinvar SYNC Stainless Steel Condensing Boilers** *(23 52 16 13)*		
23 52 16 13-0035	EA	941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000)	28,757.18	973.32
23 52 16 13-0036	EA	1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300)	32,713.13	1,056.74
23 52 16 13-0037	EA	1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500)	35,136.81	1,140.17
23 52 16 13-0038		**Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)*		
23 52 16 13-0039	EA	1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500)	34,791.15	1,056.74
23 52 16 13-0040	EA	1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000)	41,598.22	1,167.98
23 52 16 13-0041	EA	2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500)	54,114.16	1,279.21
23 52 16 13-0042	EA	2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000)	59,610.96	1,346.63
23 52 16 13-0043	EA	3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500)	70,648.05	1,346.63
23 52 16 13-0044		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)* Note: Compliant with SCAQMD.		
23 52 16 13-0045	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	6,075.72	333.71
23 52 16 13-0046	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	6,863.73	361.52
23 52 16 13-0047	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	7,882.86	500.56
23 52 16 13-0048	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	8,778.91	556.18
23 52 16 13-0049	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	11,080.36	556.18
23 52 16 13-0050	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	13,957.80	667.42
23 52 16 13-0051	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	17,921.73	723.03
23 52 16 13-0052	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	19,087.05	723.03
23 52 16 13-0053	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	20,802.39	834.27
23 52 16 13-0054	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	22,482.08	945.51
23 52 16 13-0055	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	32,228.28	1,001.13
23 52 16 13-0056	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	42,827.19	1,167.98
23 52 16 13-0057	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV150)	8,443.90	500.56
23 52 16 13-0058	EA	199 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV199)	9,948.55	556.18
23 52 16 13-0059	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV285)	12,606.73	556.18
23 52 16 13-0060	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV399)	15,368.51	667.42
23 52 16 13-0061	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV500)	19,173.53	723.03
23 52 16 13-0062	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV600)	19,822.13	723.03
23 52 16 13-0063	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV750)	21,910.42	834.27
23 52 16 13-0064	EA	800 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV800)	23,509.12	889.89
23 52 16 13-0065	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1000)	32,228.28	1,001.13
23 52 16 13-0066	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1700)	42,827.19	1,167.98
23 52 16 13-0067		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)*		
23 52 16 13-0068	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) Note: Includes gas PRV and pump delay relay.	31,931.54	1,140.17
23 52 16 13-0069	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) Note: Includes gas PRV and pump delay relay.	37,831.67	1,223.60
23 52 16 13-0070	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	54,124.95	1,346.63
23 52 16 13-0071	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	57,632.39	1,346.63
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		**Weil McLain Aluminum Condensing Boilers** *(23 52 16 16)*		
23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	4,910.54	337.08
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	5,349.83	361.52
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	6,244.53	500.56
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	7,004.77	556.18
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,948.42	667.42
23 52 16 16-0007		**Patterson Kelly Mach Series Aluminum Condensing Boilers** *(23 52 16 16)*		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300)	14,040.14	556.18
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450)	15,981.43	674.16
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750)	18,112.87	842.70
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900)	26,792.02	945.51
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050)	27,989.68	1,001.13
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500)	43,364.50	1,140.17
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000)	46,956.52	1,223.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500)	54,346.04	1,334.84
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000)	67,159.13	1,334.84
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000)	82,137.23	1,473.88
23 52 16 16-0018		**Buderus GB142 Wall Hung Aluminum Condensing Boilers** *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	5,826.41	337.08
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,681.21	361.52
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,701.99	444.95
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,600.96	556.18
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	274.78	84.27
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	363.09	84.27
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	788.04	84.27
23 52 16 16-0026		**Buderus GB162 Wall Hung Aluminum Condensing Boilers** *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	7,897.21	556.18
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	9,850.77	667.42
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	19,245.86	792.56
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	18,000.55	792.56
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	22,858.00	806.46
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	21,612.70	806.46
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	26,576.36	945.51
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,099.93	1,001.13
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,998.23	1,056.74
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	33,496.98	1,056.74
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	40,138.26	1,056.74
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	40,637.01	1,056.74
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	539.97	84.27
23 52 16 16-0040		**Buderus GB312 Aluminum Condensing Boilers** *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	15,483.25	556.18
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	17,215.49	674.16
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	20,391.91	723.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	23,511.80	806.46
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	28,167.63	889.89
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	31,108.34	973.32
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	468.25	42.13
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	225.06	42.13
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	323.62	42.13
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	689.69	42.13

23 52 16 19 Copper Water-Tube Condensing Boilers *(23 52 16)*

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	32,697.50	1,056.74
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	36,862.93	1,167.98
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	40,328.65	1,223.60
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	43,681.42	1,334.84

23 52 16 23 Cast Iron Condensing Boilers *(23 52 16)*

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	11,149.55	556.18
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	16,163.04	674.16
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	26,301.64	723.03
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	34,738.36	1,001.13
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	46,255.05	1,167.98
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	50,439.50	1,223.60
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	64,123.69	1,334.84
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	69,974.06	1,334.84

23 52 23 Cast-Iron Boilers *(23 52)*

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*

Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	208 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	13,144.23	2,613.24
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,352.53	2,787.46
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,673.37	2,961.68
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,902.92	3,135.89
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,039.80	3,310.11
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,589.55	3,484.33
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,791.31	3,658.54
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,749.05	3,832.76
23 52 23 00-0011	EA	922 MBH Steam, 1069 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,703.31	4,006.97
23 52 23 00-0012	EA	1,018 MBH Steam, 1172 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,802.49	4,181.20

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

23 52 23 00-0014	EA	208 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	9,111.05	348.38
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	10,126.40	348.38
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	11,604.58	435.48
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	12,639.88	435.48
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	13,934.32	522.58
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	15,303.52	522.58
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	16,660.96	609.67
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	17,774.79	696.77
23 52 23 00-0022	EA	922 MBH Steam, 1069 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	18,538.14	696.77
23 52 23 00-0023	EA	1,018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	19,791.63	783.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0024		**Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler	13,737.48	2,613.24
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler	15,051.83	2,787.46
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler	16,308.62	2,961.68
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler	17,710.37	3,135.89
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler	18,869.30	3,310.11
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler	20,553.45	3,484.33
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler	21,618.71	3,658.54
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler	22,655.20	3,832.76
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler	23,610.51	4,006.97
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler	24,738.04	4,181.20
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0035		**Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Package CI Boiler	9,704.30	348.38
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package CI Boiler	10,825.70	348.38
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package CI Boiler	12,239.83	435.48
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package CI Boiler	13,447.33	435.48
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package CI Boiler	14,763.82	522.58
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package CI Boiler	16,267.42	522.58
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package CI Boiler	17,488.36	609.67
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package CI Boiler	18,680.94	696.77
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0044	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Package CI Boiler	19,445.34	696.77
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0045	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Package CI Boiler	20,727.18	783.87
		Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0046		**Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23)*		
		Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		**Gas Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	608 MBH Steam, 704 MBH Water Gas Fired Cast Iron Boiler	21,265.69	3,919.87
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0049	EA	813 MBH Steam, 943 MBH Water Gas Fired Cast Iron Boiler	23,455.25	4,159.42
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0050	EA	1,028 MBH Steam, 1,161 MBH Water Gas Fired Cast Iron Boiler	26,159.38	4,398.97
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0051	EA	1,254 MBH Steam, 1,419 MBH Water Gas Fired Cast Iron Boiler	28,544.98	4,638.51
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0052	EA	1,477 MBH Steam, 1,656 MBH Water Gas Fired Cast Iron Boiler	30,622.56	4,878.05
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0053	EA	1,688 MBH Steam, 1,892 MBH Water Gas Fired Cast Iron Boiler	33,621.89	5,117.60
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0054	EA	1,904 MBH Steam, 2,132 MBH Water Gas Fired Cast Iron Boiler	35,718.74	5,357.15
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0055	EA	2,116 MBH Steam, 2,369 MBH Water Gas Fired Cast Iron Boiler	37,576.76	5,596.70
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0056	EA	2,329 MBH Steam, 2,609 MBH Water Gas Fired Cast Iron Boiler	40,048.68	5,836.24
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0057	EA	2,539 MBH Steam, 2,843 MBH Water Gas Fired Cast Iron Boiler	42,041.91	6,075.79
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0058	EA	2,756 MBH Steam, 3,087 MBH Water Gas Fired Cast Iron Boiler	45,365.00	6,315.34
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0059	EA	2,966 MBH Steam, 3,322 MBH Water Gas Fired Cast Iron Boiler	47,262.80	6,554.89
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0060	EA	3,175 MBH Steam, 3,557 MBH Water Gas Fired Cast Iron Boiler	49,274.13	6,794.44
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0061	EA	3,383 MBH Steam, 3,800 MBH Water Gas Fired Cast Iron Boiler	51,512.38	7,033.98
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0062	EA	3,602 MBH Steam, 4,035 MBH Water Gas Fired Cast Iron Boiler	53,338.20	7,273.53
		Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.		
23 52 23 00-0063		**Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	608 MBH Steam, 704 MBH Water Gas Fired Package Cast Iron Boiler	16,675.66	609.67
		Note: Weil-McLain Model 88. Fire tested factory assembled package unit.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0065	EA	813 MBH Steam, 943 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	18,914.04	696.77
23 52 23 00-0066	EA	1,028 MBH Steam, 1,161 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	21,679.53	783.87
23 52 23 00-0067	EA	1,254 MBH Steam, 1,419 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	24,103.76	870.97
23 52 23 00-0068	EA	1,477 MBH Steam, 1,656 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	25,880.36	870.97
23 52 23 00-0069	EA	1,688 MBH Steam, 1,892 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	28,931.45	958.07
23 52 23 00-0070	EA	1,904 MBH Steam, 2,132 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	30,730.10	958.07
23 52 23 00-0071	EA	2,116 MBH Steam, 2,369 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	32,636.69	1,045.16
23 52 23 00-0072	EA	2,329 MBH Steam, 2,609 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	34,811.24	1,045.16
23 52 23 00-0073	EA	2,539 MBH Steam, 2,843 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	36,853.30	1,132.26
23 52 23 00-0074	EA	2,756 MBH Steam, 3,087 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	38,831.27	1,219.36
23 52 23 00-0075	EA	2,966 MBH Steam, 3,322 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	40,431.47	1,219.36
23 52 23 00-0076	EA	3,175 MBH Steam, 3,557 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	42,492.41	1,306.45
23 52 23 00-0077	EA	3,383 MBH Steam, 3,800 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	44,431.76	1,306.45
23 52 23 00-0078	EA	3,602 MBH Steam, 4,035 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	46,328.85	1,393.55

23 52 23 00-0079 Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0080	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	21,996.49	3,919.87
23 52 23 00-0081	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	24,181.85	4,159.42
23 52 23 00-0082	EA	1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,074.98	4,398.97
23 52 23 00-0083	EA	1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	29,552.98	4,638.51
23 52 23 00-0084	EA	1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	31,527.66	4,878.05
23 52 23 00-0085	EA	1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,470.29	5,117.60
23 52 23 00-0086	EA	1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	36,992.39	5,357.15
23 52 23 00-0087	EA	2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	38,850.41	5,596.70
23 52 23 00-0088	EA	2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	41,297.13	5,836.24
23 52 23 00-0089	EA	2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	43,826.91	6,075.79
23 52 23 00-0090	EA	2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,240.30	6,315.34
23 52 23 00-0091	EA	2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	49,769.15	6,554.89
23 52 23 00-0092	EA	3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	51,148.38	6,794.44
23 52 23 00-0093	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	53,329.93	7,033.98
23 52 23 00-0094	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	55,175.70	7,273.53

23 52 23 00-0095 Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*

23 52 23 00-0096	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	17,406.46	609.67
23 52 23 00-0097	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	19,640.64	696.77
23 52 23 00-0098	EA	1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	22,584.63	783.87
23 52 23 00-0099	EA	1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	25,111.76	870.97
23 52 23 00-0100	EA	1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	26,787.56	870.97
23 52 23 00-0101	EA	1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	29,779.85	958.07
23 52 23 00-0102	EA	1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	32,003.75	958.07
23 52 23 00-0103	EA	2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	33,910.34	1,045.16
23 52 23 00-0104	EA	2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	36,059.69	1,045.16
23 52 23 00-0105	EA	2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,643.55	1,132.26
23 52 23 00-0106	EA	2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	40,706.57	1,219.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0107	EA	2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	41,887.82	1,219.36
23 52 23 00-0108	EA	3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	44,366.66	1,306.45
23 52 23 00-0109	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	46,249.31	1,306.45
23 52 23 00-0110	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	48,145.35	1,393.55
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler *(23 52 23)* Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	57,555.93	7,621.96
23 52 23 00-0114	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	62,376.24	8,057.50
23 52 23 00-0115	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	66,781.39	8,493.05
23 52 23 00-0116	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	71,095.15	8,928.59
23 52 23 00-0117	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	75,448.89	9,364.13
23 52 23 00-0118	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	81,056.75	9,799.67
23 52 23 00-0119	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	85,160.79	10,235.21
23 52 23 00-0120	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	89,132.95	10,670.75
23 52 23 00-0121	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	95,577.71	11,106.29
23 52 23 00-0122	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	99,547.60	11,541.83
23 52 23 00-0123	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	102,957.66	11,977.37
23 52 23 00-0124	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	109,178.91	12,412.91
23 52 23 00-0125	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,181.48	12,848.45
23 52 23 00-0126	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	119,545.20	13,283.99
23 52 23 00-0127	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	123,756.95	13,719.54
23 52 23 00-0128	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	128,362.55	14,155.08
23 52 23 00-0129	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	132,322.85	14,590.62
23 52 23 00-0130	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	136,396.04	15,026.16
23 52 23 00-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	51,059.80	1,132.26
23 52 23 00-0133	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	55,689.02	1,219.36
23 52 23 00-0134	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	59,900.36	1,306.45
23 52 23 00-0135	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	64,023.45	1,393.55
23 52 23 00-0136	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	67,834.95	1,393.55
23 52 23 00-0137	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	71,859.47	1,480.64
23 52 23 00-0138	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	75,422.12	1,480.64
23 52 23 00-0139	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	79,201.86	1,567.74
23 52 23 00-0140	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	85,106.01	1,567.74
23 52 23 00-0141	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	88,884.70	1,654.84
23 52 23 00-0142	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	91,753.30	1,654.84
23 52 23 00-0143	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	97,784.34	1,741.93
23 52 23 00-0144	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,245.14	1,741.93
23 52 23 00-0145	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	107,435.79	1,829.03
23 52 23 00-0146	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,086.64	1,829.03
23 52 23 00-0147	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,498.52	1,916.12
23 52 23 00-0148	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	118,918.37	1,916.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0149	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,798.90	2,003.22
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	54,422.73	7,621.96
23 52 23 00-0152	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,243.04	8,057.50
23 52 23 00-0153	EA	2,028 MBH Steam, 2,271 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	65,099.29	8,493.05
23 52 23 00-0154	EA	2,255 MBH Steam, 2,525 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	69,034.00	8,928.59
23 52 23 00-0155	EA	2,477 MBH Steam, 2,774 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	73,129.44	9,364.13
23 52 23 00-0156	EA	2,702 MBH Steam, 3,026 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	78,448.55	9,799.67
23 52 23 00-0157	EA	2,927 MBH Steam, 3,278 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	82,747.89	10,235.21
23 52 23 00-0158	EA	3,160 MBH Steam, 3,539 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	86,722.15	10,670.75
23 52 23 00-0159	EA	3,385 MBH Steam, 3,791 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	93,916.61	11,106.29
23 52 23 00-0160	EA	3,610 MBH Steam, 4,043 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	97,887.55	11,541.83
23 52 23 00-0161	EA	3,835 MBH Steam, 4,296 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	101,857.26	11,977.37
23 52 23 00-0162	EA	4,061 MBH Steam, 4,548 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	109,186.26	12,412.91
23 52 23 00-0163	EA	4,286 MBH Steam, 4,800 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,188.83	12,848.45
23 52 23 00-0164	EA	4,511 MBH Steam, 5,052 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	119,721.60	13,283.99
23 52 23 00-0165	EA	4,736 MBH Steam, 5,304 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	123,932.30	13,719.54
23 52 23 00-0166	EA	4,961 MBH Steam, 5,557 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	128,447.60	14,155.08
23 52 23 00-0167	EA	5,186 MBH Steam, 5,809 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	132,407.90	14,590.62
23 52 23 00-0168	EA	5,411 MBH Steam, 6,061 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	136,487.39	15,026.16
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	47,756.50	1,132.26
23 52 23 00-0171	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,385.72	1,219.36
23 52 23 00-0172	EA	2,028 MBH Steam, 2,271 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	58,048.16	1,306.45
23 52 23 00-0173	EA	2,255 MBH Steam, 2,525 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,792.20	1,393.55
23 52 23 00-0174	EA	2,477 MBH Steam, 2,774 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,345.40	1,393.55
23 52 23 00-0175	EA	2,702 MBH Steam, 3,026 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	69,081.17	1,480.64
23 52 23 00-0176	EA	2,927 MBH Steam, 3,278 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,839.12	1,480.64
23 52 23 00-0177	EA	3,160 MBH Steam, 3,539 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	76,618.86	1,567.74
23 52 23 00-0178	EA	3,385 MBH Steam, 3,791 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	83,274.81	1,567.74
23 52 23 00-0179	EA	3,610 MBH Steam, 4,043 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	87,052.45	1,654.84
23 52 23 00-0180	EA	3,835 MBH Steam, 4,296 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	90,482.80	1,654.84
23 52 23 00-0181	EA	4,061 MBH Steam, 4,548 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	97,621.59	1,741.93
23 52 23 00-0182	EA	4,286 MBH Steam, 4,800 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	101,082.39	1,741.93
23 52 23 00-0183	EA	4,511 MBH Steam, 5,052 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	107,421.09	1,829.03
23 52 23 00-0184	EA	4,736 MBH Steam, 5,304 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,091.89	1,829.03
23 52 23 00-0185	EA	4,961 MBH Steam, 5,557 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,413.47	1,916.12
23 52 23 00-0186	EA	5,186 MBH Steam, 5,809 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	118,833.32	1,916.12
23 52 23 00-0187	EA	5,411 MBH Steam, 6,061 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,720.15	2,003.22
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	58,540.83	7,621.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0190	EA	1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	63,362.19	8,057.50
23 52 23 00-0191	EA	2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,036.14	8,493.05
23 52 23 00-0192	EA	2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	72,455.95	8,928.59
23 52 23 00-0193	EA	2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	76,785.54	9,364.13
23 52 23 00-0194	EA	2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	81,550.25	9,799.67
23 52 23 00-0195	EA	2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	86,799.84	10,235.21
23 52 23 00-0196	EA	3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	91,030.30	10,670.75
23 52 23 00-0197	EA	3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	97,639.91	11,106.29
23 52 23 00-0198	EA	3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	101,609.80	11,541.83
23 52 23 00-0199	EA	3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	105,093.36	11,977.37
23 52 23 00-0200	EA	4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	111,386.01	12,412.91
23 52 23 00-0201	EA	4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	116,438.58	12,848.45
23 52 23 00-0202	EA	4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	123,365.10	13,283.99
23 52 23 00-0203	EA	4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	127,545.35	13,719.54
23 52 23 00-0204	EA	4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	132,346.25	14,155.08
23 52 23 00-0205	EA	5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	136,307.60	14,590.62
23 52 23 00-0206	EA	5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	140,383.94	15,026.16
23 52 23 00-0207		Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,121.35	1,132.26
23 52 23 00-0209	EA	1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	56,751.62	1,219.36
23 52 23 00-0210	EA	2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,234.91	1,306.45
23 52 23 00-0211	EA	2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,461.95	1,393.55
23 52 23 00-0212	EA	2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	69,249.30	1,393.55
23 52 23 00-0213	EA	2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,429.62	1,480.64
23 52 23 00-0214	EA	2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	77,137.82	1,480.64
23 52 23 00-0215	EA	3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	81,174.81	1,567.74
23 52 23 00-0216	EA	3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	87,245.91	1,567.74
23 52 23 00-0217	EA	3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	91,022.50	1,654.84
23 52 23 00-0218	EA	3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	93,965.65	1,654.84
23 52 23 00-0219	EA	4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	100,068.09	1,741.93
23 52 23 00-0220	EA	4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	104,579.94	1,741.93
23 52 23 00-0221	EA	4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	111,312.39	1,829.03
23 52 23 00-0222	EA	4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	114,952.74	1,829.03
23 52 23 00-0223	EA	4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	119,558.87	1,916.12
23 52 23 00-0224	EA	5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,979.77	1,916.12
23 52 23 00-0225	EA	5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	126,864.50	2,003.22

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*

23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	6,526.74	500.56
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	7,184.47	556.18
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	8,263.84	667.42
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	10,497.81	695.22
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	12,339.03	834.27
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	15,153.24	1,001.13
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	17,184.32	1,056.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	19,023.86	1,140.17
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	20,726.92	1,195.79
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	22,219.72	1,223.60
23 52 33 13-0012		Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*		
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	22,509.17	1,001.13
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	28,073.21	1,140.17
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	29,917.29	1,223.60
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	42,206.47	1,390.45
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	44,305.64	1,557.30
23 52 33 13-0018		Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*		
23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	7,613.39	449.16
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	9,160.19	561.24
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	9,895.20	674.16
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	10,150.08	674.16
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	12,596.64	842.70
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	14,467.15	842.70
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	15,704.48	842.70
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	17,021.92	1,011.24
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	20,117.65	1,179.78
		For High And Low Gas Pressure Switch With Manual Reset, Add	*267.22*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*236.72*	
23 52 33 13-0028		Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*		
23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	7,506.77	617.36
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	8,090.08	556.18
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	8,955.49	667.42
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	9,516.81	757.67
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	10,571.65	834.27
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	11,364.01	897.98
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	12,970.72	1,001.13
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	14,982.09	1,056.74
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	15,912.62	1,140.17
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	18,858.51	1,167.98
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	18,942.78	1,195.79
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	22,017.40	1,223.60
23 52 33 16		**Steel Water-Tube Boilers** *(23 52 33)*		
23 52 33 16-0001		Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*		
		Note: Compliant with BAAQMD.		
23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	45,828.53	1,348.32
23 52 33 16-0003	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	49,422.04	1,685.39
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	50,407.23	1,853.94
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	54,311.77	2,022.48
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	56,277.07	2,275.29
23 52 33 16-0007	EA	3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	62,133.30	2,528.09
23 52 33 16-0008	EA	4,300 MBH Input/3655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	64,734.26	2,612.36
23 52 33 16-0009		Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*		
		Note: Compliant with BAAQMD.		
23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS)	53,462.85	1,516.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS)	56,238.57	1,769.66
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS)	57,873.01	1,938.21
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS)	64,695.75	2,106.75
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS)	67,140.63	2,275.29
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS)	71,861.82	2,528.09
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS)	76,094.39	2,696.63
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS)	126,207.96	2,865.17
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS)	136,598.17	3,033.71
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS)	143,745.55	3,202.25
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS)	147,487.78	3,370.79

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	57,516.11	1,516.85
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	61,103.39	1,769.66
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	63,385.95	1,938.21
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	70,371.00	2,106.75
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	72,815.88	2,275.29
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	76,726.64	2,528.09
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	81,118.12	2,696.63
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	130,910.47	2,865.17
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	142,112.24	3,033.71
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	146,664.90	3,202.25
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	153,001.85	3,370.79
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	170,040.06	3,539.33
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	245,208.72	3,707.87
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	257,626.13	3,876.41

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	38,646.91	2,090.32
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	40,470.53	2,264.52
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	42,428.22	2,438.71
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	45,861.14	2,612.90
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	47,952.91	2,787.09
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	50,011.28	2,961.29
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	55,496.04	3,135.48
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	64,098.60	3,483.86
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	72,842.03	3,832.26
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	79,928.97	4,224.20
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	87,016.01	4,616.12
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	91,936.64	5,400.00
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	111,709.77	6,183.86
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	131,952.27	6,967.74
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	152,469.61	7,838.71
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	172,350.24	8,491.93

23 52 39 Fire-Tube Boilers *(23 52)*

23 52 39 13 Scotch Marine Boilers *(23 52 39)*

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	31,010.50	958.07
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	33,402.32	1,045.16
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	36,276.22	1,132.26
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,109.58	1,306.45
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,974.40	1,393.55
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,880.73	1,480.64
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,170.12	1,524.20
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	45,503.50	1,567.74
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,394.88	1,741.93
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,300.52	1,916.12
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,961.71	2,112.09
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,621.12	2,308.06
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,883.80	2,700.00
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,533.46	3,091.94
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,163.13	3,483.86
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,011.40	3,875.80
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,728.93	4,267.74
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	160,592.19	4,659.68
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	182,474.61	5,051.61
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	203,518.71	5,443.54
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	223,703.23	5,835.48
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	243,147.59	6,227.42
23 52 39 13-0025		15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	28,859.04	958.07
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	31,088.92	1,045.16
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	33,761.66	1,132.26
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	36,906.62	1,306.45
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,555.51	1,393.55
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	40,200.33	1,480.64
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,676.13	1,524.20
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	44,547.30	1,567.74
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,440.47	1,741.93
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,350.14	1,916.12
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,016.70	2,112.09
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,681.47	2,308.06
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,946.83	2,700.00
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,611.24	3,091.94
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,246.27	3,483.86
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,110.64	3,875.80
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,849.63	4,267.74
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	160,734.35	4,659.68
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	182,636.88	5,051.61
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	203,701.10	5,443.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	223,903.05	5,835.48
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	243,366.19	6,227.42
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	31,952.15	958.07
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	34,414.85	1,045.16
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	37,374.58	1,132.26
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,474.82	1,306.45
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,229.66	1,393.55
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,980.43	1,480.64
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	44,560.84	1,524.20
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,141.86	1,567.74
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	53,293.87	1,741.93
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	60,462.37	1,916.12
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,332.78	2,112.09
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,200.06	2,308.06
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,578.07	2,700.00
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,829.88	3,091.94
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,717.04	3,483.86
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	118,219.77	3,875.80
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,882.78	4,267.74
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	166,653.96	4,659.68
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	189,405.41	5,051.61
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	211,281.00	5,443.54
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	232,260.79	5,835.48
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	252,466.89	6,227.42
23 52 39 13-0071		150 PSI Steam Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0072		150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0073	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,169.09	1,045.16
23 52 39 13-0074	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	45,799.37	1,132.26
23 52 39 13-0075	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	47,974.71	1,306.45
23 52 39 13-0076	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,294.16	1,393.55
23 52 39 13-0077	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	52,668.53	1,480.64
23 52 39 13-0078	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	54,293.20	1,524.20
23 52 39 13-0079	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,274.33	1,567.74
23 52 39 13-0080	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,725.41	1,741.93
23 52 39 13-0081	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,489.82	1,916.12
23 52 39 13-0082	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,615.49	2,112.09
23 52 39 13-0083	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,739.38	2,308.06
23 52 39 13-0084	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,809.40	2,700.00
23 52 39 13-0085	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,684.87	3,091.94
23 52 39 13-0086	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,115.30	3,483.86
23 52 39 13-0087	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	143,567.90	3,875.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0088	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	173,934.61	4,267.74
23 52 39 13-0089	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	203,170.78	4,659.68
23 52 39 13-0090	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,156.54	5,051.61
23 52 39 13-0091	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	258,042.47	5,443.54
23 52 39 13-0092	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	283,815.36	5,835.48
23 52 39 13-0093	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	308,602.66	6,227.42
23 52 39 13-0094		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,161.00	1,045.16
23 52 39 13-0096	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,531.11	1,132.26
23 52 39 13-0097	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,409.65	1,306.45
23 52 39 13-0098	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	48,450.15	1,393.55
23 52 39 13-0099	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,485.22	1,480.64
23 52 39 13-0100	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	52,349.95	1,524.20
23 52 39 13-0101	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	56,029.79	1,567.74
23 52 39 13-0102	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,783.08	1,741.93
23 52 39 13-0103	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,555.53	1,916.12
23 52 39 13-0104	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,687.91	2,112.09
23 52 39 13-0105	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,818.51	2,308.06
23 52 39 13-0106	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,891.21	2,700.00
23 52 39 13-0107	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,785.45	3,091.94
23 52 39 13-0108	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,223.93	3,483.86
23 52 39 13-0109	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	143,696.65	3,875.80
23 52 39 13-0110	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	174,091.52	4,267.74
23 52 39 13-0111	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	203,355.85	4,659.68
23 52 39 13-0112	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	231,367.09	5,051.61
23 52 39 13-0113	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	258,278.51	5,443.54
23 52 39 13-0114	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	284,075.53	5,835.48
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	308,886.97	6,227.42
23 52 39 13-0116		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,484.71	1,045.16
23 52 39 13-0118	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	47,227.64	1,132.26
23 52 39 13-0119	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	49,748.99	1,306.45
23 52 39 13-0120	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,926.28	1,393.55
23 52 39 13-0121	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	54,098.15	1,480.64
23 52 39 13-0122	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	56,101.01	1,524.20
23 52 39 13-0123	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	58,103.13	1,567.74
23 52 39 13-0124	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	67,193.03	1,741.93
23 52 39 13-0125	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,300.76	1,916.12
23 52 39 13-0126	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	83,697.34	2,112.09
23 52 39 13-0127	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,093.47	2,308.06
23 52 39 13-0128	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,312.35	2,700.00
23 52 39 13-0129	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,969.68	3,091.94
23 52 39 13-0130	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	126,735.39	3,483.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0131	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,038.25	3,875.80
23 52 39 13-0132	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	180,636.08	4,267.74
23 52 39 13-0133	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	211,051.08	4,659.68
23 52 39 13-0134	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	240,166.05	5,051.61
23 52 39 13-0135	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	268,132.91	5,443.54
23 52 39 13-0136	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	294,939.78	5,835.48
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	320,716.81	6,227.42
23 52 39 13-0138		125 PSI Water Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0139		125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	36,560.61	1,045.16
23 52 39 13-0141	EA	50 HP, 1,674 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	40,962.02	1,132.26
23 52 39 13-0142	EA	60 HP, 2,009 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	44,156.60	1,306.45
23 52 39 13-0143	EA	70 HP, 2,343 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	47,448.35	1,393.55
23 52 39 13-0144	EA	80 HP, 2,678 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	50,804.40	1,480.64
23 52 39 13-0145	EA	90 HP, 3,013 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	53,432.22	1,524.20
23 52 39 13-0146	EA	100 HP, 3,348 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	57,407.10	1,567.74
23 52 39 13-0147	EA	125 HP, 4,184 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	61,687.82	1,741.93
23 52 39 13-0148	EA	150 HP, 5,021 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	67,284.55	1,916.12
23 52 39 13-0149	EA	175 HP, 5,858 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	71,694.50	2,112.09
23 52 39 13-0150	EA	200 HP, 6,695 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,430.31	2,308.06
23 52 39 13-0151	EA	250 HP, 8,369 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,947.49	2,700.00
23 52 39 13-0152	EA	300 HP, 10,043 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,639.61	3,091.94
23 52 39 13-0153	EA	350 HP, 11,716 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,047.11	3,483.86
23 52 39 13-0154	EA	400 HP, 13,390 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,101.41	3,875.80
23 52 39 13-0155	EA	500 HP, 16,738 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	152,073.34	4,267.74
23 52 39 13-0156	EA	600 HP, 20,085 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	177,461.89	4,659.68
23 52 39 13-0157	EA	700 HP, 23,433 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,762.31	5,051.61
23 52 39 13-0158	EA	800 HP, 26,780 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	225,121.15	5,443.54
23 52 39 13-0159	EA	900 HP, 30,128 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	247,519.83	5,835.48
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	269,083.12	6,227.42
23 52 39 13-0161		125 PSI Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	33,996.43	1,045.16
23 52 39 13-0163	EA	50 HP, 1,674 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	38,075.97	1,132.26
23 52 39 13-0164	EA	60 HP, 2,009 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	42,731.01	1,306.45
23 52 39 13-0165	EA	70 HP, 2,343 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	45,722.35	1,393.55
23 52 39 13-0166	EA	80 HP, 2,678 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	48,708.27	1,480.64
23 52 39 13-0167	EA	90 HP, 3,013 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	51,523.83	1,524.20
23 52 39 13-0168	EA	100 HP, 3,348 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	56,159.88	1,567.74
23 52 39 13-0169	EA	125 HP, 4,184 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	61,742.80	1,741.93
23 52 39 13-0170	EA	150 HP, 5,021 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	67,343.56	1,916.12
23 52 39 13-0171	EA	175 HP, 5,858 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	71,757.53	2,112.09
23 52 39 13-0172	EA	200 HP, 6,695 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,496.02	2,308.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0173	EA	250 HP, 8,369 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	90,026.62	2,700.00
23 52 39 13-0174	EA	300 HP, 10,043 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,732.14	3,091.94
23 52 39 13-0175	EA	350 HP, 11,716 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,146.35	3,483.86
23 52 39 13-0176	EA	400 HP, 13,390 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,212.73	3,875.80
23 52 39 13-0177	EA	500 HP, 16,738 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	152,208.79	4,267.74
23 52 39 13-0178	EA	600 HP, 20,085 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	177,621.48	4,659.68
23 52 39 13-0179	EA	700 HP, 23,433 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,944.70	5,051.61
23 52 39 13-0180	EA	800 HP, 26,780 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	225,325.00	5,443.54
23 52 39 13-0181	EA	900 HP, 30,128 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	247,743.79	5,835.48
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	269,327.20	6,227.42
23 52 39 13-0183		125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1,339 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	37,681.77	1,045.16
23 52 39 13-0185	EA	50 HP, 1,674 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	42,222.66	1,132.26
23 52 39 13-0186	EA	60 HP, 2,009 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	45,772.63	1,306.45
23 52 39 13-0187	EA	70 HP, 2,343 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	48,977.20	1,393.55
23 52 39 13-0188	EA	80 HP, 2,678 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	52,177.69	1,480.64
23 52 39 13-0189	EA	90 HP, 3,013 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	55,207.83	1,524.20
23 52 39 13-0190	EA	100 HP, 3,348 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	58,238.58	1,567.74
23 52 39 13-0191	EA	125 HP, 4,184 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	64,025.35	1,741.93
23 52 39 13-0192	EA	150 HP, 5,021 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	69,829.95	1,916.12
23 52 39 13-0193	EA	175 HP, 5,858 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	74,395.47	2,112.09
23 52 39 13-0194	EA	200 HP, 6,695 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	77,215.77	2,308.06
23 52 39 13-0195	EA	250 HP, 8,369 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,328.40	2,700.00
23 52 39 13-0196	EA	300 HP, 10,043 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,581.10	3,091.94
23 52 39 13-0197	EA	350 HP, 11,716 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	117,279.63	3,483.86
23 52 39 13-0198	EA	400 HP, 13,390 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	130,826.11	3,875.80
23 52 39 13-0199	EA	500 HP, 16,738 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	157,841.41	4,267.74
23 52 39 13-0200	EA	600 HP, 20,085 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	184,245.17	4,659.68
23 52 39 13-0201	EA	700 HP, 23,433 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	209,517.89	5,051.61
23 52 39 13-0202	EA	800 HP, 26,780 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	233,806.11	5,443.54
23 52 39 13-0203	EA	900 HP, 30,128 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	257,095.28	5,835.48
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	279,508.83	6,227.42

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,102.46	1,053.60
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,531.73	1,241.26
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,931.22	1,284.74
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,122.21	1,331.88
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,481.45	1,423.42
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	10,204.61	1,542.42
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	11,493.49	1,647.69
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,172.88	1,876.53
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	14,485.00	2,013.85
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	15,601.75	2,151.16

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0013		High Pressure Boiler Feed System *(23 53 16 00-0001)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	6,956.21	898.27
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,273.06	1,053.60
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	8,110.30	1,241.26
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	8,752.34	1,284.74
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	8,910.11	1,331.88
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	10,716.21	1,423.42
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	13,875.29	1,542.42
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	14,249.15	1,647.69
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	15,662.19	1,764.49
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	16,848.83	1,876.53
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	18,024.28	2,013.85
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,443.69	2,151.16
23 53 16 00-0026		Boiler Feedwater System *(23 53 16)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027	EA	1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	8,717.55	1,241.26
23 53 16 00-0028	EA	2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,324.71	1,422.05
23 53 16 00-0029	EA	4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	14,895.78	1,627.55
23 53 16 00-0030	EA	6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	17,903.31	1,877.45
23 53 16 00-0031	EA	8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,005.06	2,013.85
23 53 16 00-0032	EA	11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	20,056.34	2,151.16
23 53 16 00-0033	EA	13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	22,342.15	2,471.63
23 53 16 00-0034	EA	17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	28,823.41	2,837.87
23 53 16 00-0035	EA	20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	37,339.83	3,279.09
23 53 16 00-0036	EA	27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	47,205.89	3,764.06
23 53 16 00-0037	EA	34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	60,390.33	4,330.68
23 53 16 00-0038		Duplex Vacuum Condensate Pumps *(23 53 16)*		
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	17,455.25	732.31
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	17,867.77	778.08
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	18,338.65	823.85
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	20,122.63	869.62
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	23,949.20	915.39
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	25,207.94	961.16

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001		Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	814.40	88.48
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,070.42	110.60
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,375.78	132.71
23 54 13 00-0005		Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	814.40	88.48
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	968.61	99.54
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,060.14	110.60
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,114.66	121.66
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,375.78	132.71
23 54 13 00-0011		Heating Coil For Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	146.84	22.58
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	167.18	24.84
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	181.36	27.10
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	241.79	29.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	261.09	31.61

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*
Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,226.56	77.42
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,311.90	88.48
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,511.35	99.54
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,771.48	121.66
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,892.82	132.71

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,358.12	77.42
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,490.76	88.48
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,586.15	99.54
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	1,722.11	110.60
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,875.30	121.66
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,981.22	132.71

23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,203.89	77.42
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,381.76	88.48
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,511.34	110.60
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,617.26	121.66

23 54 16 13-0020 Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,559.59	77.42
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,649.05	88.48
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,837.19	99.54
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,018.18	121.66
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,165.21	132.71

23 54 16 13-0026 Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,101.14	77.42
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,166.97	88.48
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,302.68	99.54
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,312.96	99.54
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,434.29	110.60
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,516.57	121.66
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,611.17	132.71

23 54 16 13-0034 Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*

23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	785.58	77.42
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	862.71	88.48
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	985.06	99.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	986.09	99.54
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,083.78	110.60
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,119.80	121.66
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,242.16	132.71
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	795.86	77.42
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	865.79	88.48
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,031.32	99.54
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,136.20	110.60
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,294.31	66.36
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,499.43	82.99
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,176.10	66.36
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	1,257.84	71.93
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	1,252.20	77.42
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	1,292.88	82.99
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	1,336.13	82.99
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,455.22	172.53
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,630.15	212.35
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,879.53	305.24
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,120.26	345.06
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,469.45	398.14
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,731.97	477.77
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,158.31	637.04
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,620.50	172.53
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,792.97	212.35
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,103.20	305.24
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,384.22	345.06
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,925.02	398.14
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,226.19	477.77
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,625.37	637.04
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*		
23 54 16 16-0001		Oil Fired Forced Air Furnaces *(23 54 16 16)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	2,072.55	88.48
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	2,227.87	121.66
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,574.36	143.77
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	2,419.06	121.66
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,458.20	143.77
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	2,106.58	121.66
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	2,500.35	143.77
23 54 19		**Furnace Accessories** *(23 54)*		
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	134.73	22.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 19 00-0002	EA	1" Furnace External Filter Rack	39.58	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	409.62	

23 55 Fuel-Fired Heaters *(23 50)*

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters *(23 55 23)*

23 55 23 13-0001 Infrared Heaters-Radiant Energy *(23 55 23 13)*
Note: For spot localized or total heating, ceiling hung units, no fan required.

23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.

23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	708.22	91.54
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	786.70	100.69
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	838.82	100.69
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,050.01	120.83
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,058.79	120.83

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	792.27	97.32
		For Stainless Steel Housing, Add	*124.34*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	845.83	97.32
		For Stainless Steel Housing, Add	*137.73*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	907.04	97.32
		For Stainless Steel Housing, Add	*153.03*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	980.63	97.32
		For Stainless Steel Housing, Add	*171.43*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,069.33	106.17
		For Stainless Steel Housing, Add	*191.02*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,141.67	115.02
		For Stainless Steel Housing, Add	*205.71*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,823.62	123.87
		For Stainless Steel Housing, Add	*367.34*	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*
Note: Includes controls and supports.

23 55 23 13-0017 "U" Package *(23 55 23 13-0016)*

23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	62.02	4.58
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	71.66	5.49
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	87.30	6.41

23 55 23 13-0021 "S" Straight Package *(23 55 23 13-0016)*

23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	50.53	3.66
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	64.09	4.58
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	77.65	5.49

23 55 33 Fuel-Fired Unit Heaters *(23 55)*

23 55 33 00-0001 Gas Fired Unit Heaters *(23 55 33)*

23 55 33 00-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 00-0001)*

23 55 33 00-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,367.83	158.01
23 55 33 00-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,503.31	189.61
23 55 33 00-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,525.34	189.61
23 55 33 00-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,671.45	221.20
23 55 33 00-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,842.17	252.81
23 55 33 00-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,976.03	268.61
23 55 33 00-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,031.59	268.61
23 55 33 00-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,983.98	268.61
23 55 33 00-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,346.21	284.41
23 55 33 00-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,563.10	284.41
23 55 33 00-0013	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,742.96	284.41
23 55 33 00-0014	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,270.03	316.01
23 55 33 00-0015	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,677.35	316.01
23 55 33 00-0016	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,948.57	347.62

23 55 33 00-0017 Oil Fired Unit Heater *(23 55 33)*

23 55 33 00-0018 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 00-0017)*

23 55 33 00-0019	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,393.85	421.35
23 55 33 00-0020	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,790.11	463.48
23 55 33 00-0021	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,222.03	505.61

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 00-0022		Removal And Reinstallation Of Unit Heaters *(23 55 33)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 00-0023	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	526.35	
23 55 33 00-0024	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	709.42	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001		Steam Generator Heat Exchanger *(23 57 13)* Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	11,925.63	1,464.61
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	15,814.57	1,556.15
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	21,176.44	1,900.54

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001		Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)* Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,376.65	228.84
		For Bronze Head And Tube Sheet, Add	*482.18*	
		For Copper Nickel Tubes, Add	*107.15*	
		For Double Wall Tube Bundles, Add	*160.73*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,988.74	228.84
		For Bronze Head And Tube Sheet, Add	*730.17*	
		For Copper Nickel Tubes, Add	*162.26*	
		For Double Wall Tube Bundles, Add	*243.39*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,968.11	320.38
		For Bronze Head And Tube Sheet, Add	*1,129.69*	
		For Copper Nickel Tubes, Add	*251.04*	
		For Double Wall Tube Bundles, Add	*376.56*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,742.25	320.38
		For Bronze Head And Tube Sheet, Add	*1,722.09*	
		For Copper Nickel Tubes, Add	*382.69*	
		For Double Wall Tube Bundles, Add	*574.03*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,226.30	377.14
		For Bronze Head And Tube Sheet, Add	*2,286.93*	
		For Copper Nickel Tubes, Add	*508.21*	
		For Double Wall Tube Bundles, Add	*762.31*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,169.99	471.16
		For Bronze Head And Tube Sheet, Add	*3,003.32*	
		For Copper Nickel Tubes, Add	*667.40*	
		For Double Wall Tube Bundles, Add	*1,001.11*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,118.91	707.18
		For Bronze Head And Tube Sheet, Add	*3,678.38*	
		For Copper Nickel Tubes, Add	*817.42*	
		For Double Wall Tube Bundles, Add	*1,226.13*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,166.71	707.18
		For Bronze Head And Tube Sheet, Add	*5,731.11*	
		For Copper Nickel Tubes, Add	*1,273.58*	
		For Double Wall Tube Bundles, Add	*1,910.37*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001		Plate And Frame Heat Exchanger *(23 57 19 13)*		
23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	2,163.30	228.84
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	2,828.90	228.84
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	3,752.40	274.61
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	5,046.24	297.50
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	5,503.85	297.50
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	7,130.48	320.38
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	7,504.89	320.38
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	9,260.35	366.15
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	11,307.03	411.92
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	11,723.04	411.92
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	14,492.44	477.34
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	17,459.95	524.99
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	20,136.17	572.64

23 57 19 19 Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001		Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)* Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.		
23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,621.57	228.84
		For Copper Nickel Tubes, Add	*131.64*	
		For Double Wall Tube Bundles, Add	*197.47*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,233.66	228.84
		For Copper Nickel Tubes, Add	*186.75*	
		For Double Wall Tube Bundles, Add	*280.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,304.87	320.38
		For Copper Nickel Tubes, Add	*284.72*	
		For Double Wall Tube Bundles, Add	*427.08*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,712.64	320.38
		For Copper Nickel Tubes, Add	*410.24*	
		For Double Wall Tube Bundles, Add	*615.36*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,847.44	366.15
		For Copper Nickel Tubes, Add	*505.15*	
		For Double Wall Tube Bundles, Add	*757.72*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	7,760.06	366.15
		For Copper Nickel Tubes, Add	*679.65*	
		For Double Wall Tube Bundles, Add	*1,019.48*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,593.67	353.59
		For Copper Nickel Tubes, Add	*844.97*	
		For Double Wall Tube Bundles, Add	*1,267.46*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,920.62	353.59
		For Copper Nickel Tubes, Add	*1,053.15*	
		For Double Wall Tube Bundles, Add	*1,579.73*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,238.49	353.59
		For Copper Nickel Tubes, Add	*1,347.05*	
		For Double Wall Tube Bundles, Add	*2,020.58*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	1,839.76	183.08
		For Copper Nickel Tubes, Add	*147.36*	
		For Double Wall Tube Bundles, Add	*221.04*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	4,777.87	305.10
		For Copper Nickel Tubes, Add	*416.76*	
		For Double Wall Tube Bundles, Add	*625.14*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	6,428.66	398.00
		For Copper Nickel Tubes, Add	*563.41*	
		For Double Wall Tube Bundles, Add	*845.11*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	6,933.25	481.77
		For Copper Nickel Tubes, Add	*597.17*	
		For Double Wall Tube Bundles, Add	*895.76*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,346.32	561.58
		For Copper Nickel Tubes, Add	*720.50*	
		For Double Wall Tube Bundles, Add	*1,080.76*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	443.17	85.32
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	518.36	85.32
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	698.85	106.61
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	853.91	106.61
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	947.89	106.61
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	961.90	110.92
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	967.38	110.92
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,061.20	119.44
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	1,140.92	127.98
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,242.55	136.52
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,403.88	136.52
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,571.30	145.04
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	1,607.17	153.58
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,634.49	157.80
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	2,610.86	826.09
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	3,831.94	944.05
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	5,053.12	1,062.10
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	6,589.28	1,150.53
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	8,125.71	1,239.12
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	9,750.85	1,486.95
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	11,667.41	1,598.18
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	13,501.14	1,689.72
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	17,585.51	1,906.37
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	20,636.79	1,956.36
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	25,671.79	2,006.28
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	26,934.44	2,031.32
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	28,144.70	2,056.28
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	30,410.92	2,106.19
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	32,470.84	2,156.26
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	34,794.66	2,409.01
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	36,441.62	2,462.92
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	37,848.32	2,494.28
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	39,116.07	2,571.44
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	40,140.90	2,625.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	41,192.18	2,697.30
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	42,178.26	2,726.30
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	43,189.42	2,771.42
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	44,423.66	2,958.33
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	45,613.33	3,117.80

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,053.63	85.32
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,091.21	85.32
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,171.45	106.61
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,209.01	106.61
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,227.80	106.61
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,266.39	110.92
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,307.73	110.92
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,403.69	119.44
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,495.92	127.98
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,625.68	136.52
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,700.84	136.52
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,830.60	145.04
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,185.85	153.58
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,401.03	157.80

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,941.88	424.84
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,734.46	531.06
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,693.97	646.51
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,388.00	743.47
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,678.89	826.09
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,159.25	929.35
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	19,676.24	1,062.10
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	25,456.35	1,062.10
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	31,476.81	1,239.12
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,470.49	1,327.63
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,483.16	1,391.35
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	38,519.17	1,460.08
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,630.38	1,465.74
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,631.48	1,534.71
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	43,655.83	1,598.18

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	965.12	136.35
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,012.64	145.12
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,038.98	153.50
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,059.74	157.88
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,314.13	199.35
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	2,476.49	299.02
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	2,835.67	348.85
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	3,179.58	398.69
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	3,841.57	478.42
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	4,521.27	538.23
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	5,292.45	598.03
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	7,444.26	797.38
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	8,423.88	996.72
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	9,048.67	1,196.07

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	44,848.99	2,031.32
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	46,234.43	2,056.28
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	49,240.52	2,106.19
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	52,213.60	2,156.26
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	56,170.29	2,409.01
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	59,657.10	2,462.92
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	63,078.27	2,494.28
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	66,596.30	2,571.44
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	70,085.25	2,625.36
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	75,002.81	2,697.30
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	78,442.78	2,726.30
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	80,030.66	2,771.42
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	89,915.44	2,958.33
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	99,691.45	3,117.80

23 62 Packaged Compressor and Condenser Units *(23 60)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	5,992.27	736.77
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	13,431.50	789.41
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	23,678.70	842.03
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	28,066.69	894.66
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	33,316.32	947.28
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	36,922.39	1,052.54
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	37,991.08	1,189.18
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	40,886.74	1,379.40
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	43,623.36	1,494.35
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	50,015.72	1,609.30
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	56,552.70	1,781.72
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	59,775.16	1,850.91
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	67,511.66	1,966.59
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	73,804.29	2,082.27

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	5,714.01	736.77
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	11,847.71	789.41
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	18,554.91	842.03
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	20,042.58	894.66
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	21,530.25	947.28
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	25,529.52	1,052.54
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	28,936.40	1,189.18
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	37,160.19	1,379.40
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	41,686.14	1,494.35
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	45,141.97	1,609.30
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	51,898.53	1,781.72
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	54,973.37	1,850.91
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	60,314.99	1,966.59
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	68,809.84	2,082.27

23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)*

Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	38,170.43	6,702.10
		For Gas Fired Engine Driven, Add	*6,629.28*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	43,196.84	7,064.37
		For Gas Fired Engine Driven, Add	*7,580.25*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	50,244.92	7,687.63
		For Gas Fired Engine Driven, Add	*8,896.41*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	56,263.68	8,168.15
		For Gas Fired Engine Driven, Add	*10,028.13*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	70,572.78	9,013.12
		For Gas Fired Engine Driven, Add	*12,763.26*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	77,984.07	9,334.98
		For Gas Fired Engine Driven, Add	*14,197.26*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	84,766.64	10,053.07
		For Gas Fired Engine Driven, Add	*15,446.12*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	103,344.39	10,756.43
		For Gas Fired Engine Driven, Add	*19,036.07*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	104,569.12	10,960.12
		For Gas Fired Engine Driven, Add	*19,270.62*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	106,404.38	11,436.69
		For Gas Fired Engine Driven, Add	*19,566.23*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	118,233.44	11,956.56
		For Gas Fired Engine Driven, Add	*21,854.10*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	130,974.53	12,525.93
		For Gas Fired Engine Driven, Add	*24,316.96*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	145,385.97	13,152.19
		For Gas Fired Engine Driven, Add	*27,105.35*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	157,292.32	13,844.44
		For Gas Fired Engine Driven, Add	*29,382.84*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	173,729.34	14,613.55
		For Gas Fired Engine Driven, Add	*32,554.93*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 23 00-0001		Water Cooled Condensing Units *(23 62 23)*			
		Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.			
23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		4,467.68	585.68
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		6,761.62	855.33
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		7,717.71	926.97
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		9,553.34	1,112.36
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		10,368.09	1,308.71
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		21,561.77	1,908.00
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		26,731.16	2,302.79
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor		36,674.41	2,519.60

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0001		Air Cooled Condensing Units *(23 63 13)*			
		Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.			
23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		4,061.79	585.68
		For >10 To 25, Deduct		*-95.24*	
		For >25 To 50, Deduct		*-158.74*	
		For >50, Deduct		*-253.98*	
		For Low Ambient Protection, 0 Degree F, Add		*634.48*	
		For Winter Start Control, Add		*215.69*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		4,863.06	695.22
		For >10 To 25, Deduct		*-114.29*	
		For >25 To 50, Deduct		*-190.48*	
		For >50, Deduct		*-304.78*	
		For Low Ambient Protection, 0 Degree F, Add		*568.12*	
		For Winter Start Control, Add		*181.53*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		6,307.86	855.33
		For >10 To 25, Deduct		*-150.34*	
		For >25 To 50, Deduct		*-250.57*	
		For >50, Deduct		*-400.91*	
		For Low Ambient Protection, 0 Degree F, Add		*674.91*	
		For Winter Start Control, Add		*229.87*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		7,753.20	889.89
		For >10 To 25, Deduct		*-192.15*	
		For >25 To 50, Deduct		*-320.24*	
		For >50, Deduct		*-512.39*	
		For Low Ambient Protection, 0 Degree F, Add		*785.42*	
		For Winter Start Control, Add		*262.93*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		9,202.86	926.97
		For >10 To 25, Deduct		*-233.95*	
		For >25 To 50, Deduct		*-389.92*	
		For >50, Deduct		*-623.87*	
		For Low Ambient Protection, 0 Degree F, Add		*819.03*	
		For Winter Start Control, Add		*218.43*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		11,836.04	1,112.36
		For >10 To 25, Deduct		*-304.52*	
		For >25 To 50, Deduct		*-507.53*	
		For >50, Deduct		*-812.05*	
		For Low Ambient Protection, 0 Degree F, Add		*1,030.39*	
		For Winter Start Control, Add		*270.05*	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		13,445.09	1,196.63
		For >10 To 25, Deduct		*-349.01*	
		For >25 To 50, Deduct		*-581.68*	
		For >50, Deduct		*-930.69*	
		For Low Ambient Protection, 0 Degree F, Add		*1,092.72*	
		For Winter Start Control, Add		*297.48*	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		15,399.72	1,306.18
		For >10 To 25, Deduct		*-402.70*	
		For >25 To 50, Deduct		*-671.17*	
		For >50, Deduct		*-1,073.87*	
		For Low Ambient Protection, 0 Degree F, Add		*1,165.25*	
		For Winter Start Control, Add		*331.87*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		21,069.49	1,517.72
		For >10 To 25, Deduct		*-561.87*	
		For >25 To 50, Deduct		*-936.44*	
		For >50, Deduct		*-1,498.31*	
		For Low Ambient Protection, 0 Degree F, Add		*1,521.60*	
		For Winter Start Control, Add		*421.35*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		25,602.51	1,908.00
		For >10 To 25, Deduct		*-679.80*	
		For >25 To 50, Deduct		*-1,133.00*	
		For >50, Deduct		*-1,812.80*	
		For Low Ambient Protection, 0 Degree F, Add		*1,642.03*	
		For Winter Start Control, Add		*407.55*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor		29,456.44	2,105.84
		For >10 To 25, Deduct		*-788.84*	
		For >25 To 50, Deduct		*-1,314.73*	
		For >50, Deduct		*-2,103.56*	
		For Low Ambient Protection, 0 Degree F, Add		*1,842.26*	
		For Winter Start Control, Add		*447.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	38,068.66	2,302.79
		For >10 To 25, Deduct	*-1,035.52*	
		For >25 To 50, Deduct	*-1,725.87*	
		For >50, Deduct	*-2,761.39*	
		For Low Ambient Protection, 0 Degree F, Add	*2,268.52*	
		For Winter Start Control, Add	*527.72*	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	52,417.26	2,073.40
		For >10 To 25, Deduct	*-1,445.89*	
		For >25 To 50, Deduct	*-2,409.82*	
		For >50, Deduct	*-3,855.71*	
		For Low Ambient Protection, 0 Degree F, Add	*2,501.10*	
		For Winter Start Control, Add	*663.07*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	64,449.65	2,143.69
		For >10 To 25, Deduct	*-1,802.57*	
		For >25 To 50, Deduct	*-3,004.29*	
		For >50, Deduct	*-4,806.86*	
		For Low Ambient Protection, 0 Degree F, Add	*2,893.55*	

23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 13 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,616.21	288.26
		For >10 To 25, Deduct	*-35.51*	
		For >25 To 50, Deduct	*-59.19*	
		For >50, Deduct	*-94.71*	
		For 14 SEER, Add	*248.60*	
		For 16 SEER, Add	*485.37*	
		For 18 SEER, Add	*1,053.60*	
23 63 13 00-0018	EA	2 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,739.67	320.44
		For >10 To 25, Deduct	*-37.78*	
		For >25 To 50, Deduct	*-62.96*	
		For >50, Deduct	*-100.74*	
		For 14 SEER, Add	*264.44*	
		For 16 SEER, Add	*516.29*	
		For 18 SEER, Add	*1,120.72*	
23 63 13 00-0019	EA	2.5 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,847.80	352.49
		For >10 To 25, Deduct	*-39.58*	
		For >25 To 50, Deduct	*-65.97*	
		For >50, Deduct	*-105.55*	
		For 14 SEER, Add	*277.06*	
		For 16 SEER, Add	*540.93*	
		For 18 SEER, Add	*1,174.20*	
23 63 13 00-0020	EA	3 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,119.56	384.34
		For >10 To 25, Deduct	*-46.29*	
		For >25 To 50, Deduct	*-77.15*	
		For >50, Deduct	*-123.44*	
		For 14 SEER, Add	*324.04*	
		For 16 SEER, Add	*632.65*	
		For 18 SEER, Add	*1,373.31*	
23 63 13 00-0021	EA	3.5 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,245.60	416.58
		For >10 To 25, Deduct	*-48.63*	
		For >25 To 50, Deduct	*-81.05*	
		For >50, Deduct	*-129.68*	
		For 14 SEER, Add	*340.42*	
		For 16 SEER, Add	*664.63*	
		For 18 SEER, Add	*1,442.73*	
23 63 13 00-0022	EA	4 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,500.73	448.63
		For >10 To 25, Deduct	*-54.84*	
		For >25 To 50, Deduct	*-91.41*	
		For >50, Deduct	*-146.25*	
		For 14 SEER, Add	*383.91*	
		For 16 SEER, Add	*749.54*	
		For 18 SEER, Add	*1,627.04*	
23 63 13 00-0023	EA	5 Ton, 13 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,819.11	480.43
		For >10 To 25, Deduct	*-62.95*	
		For >25 To 50, Deduct	*-104.92*	
		For >50, Deduct	*-167.88*	
		For 14 SEER, Add	*440.68*	
		For 15 SEER, Add	*503.63*	
		For 16 SEER, Add	*860.37*	
		For 18 SEER, Add	*1,867.64*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	294.92
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit	1,105.96
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit	1,770.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 63 23 Water-Cooled Refrigerant Condensers *(23 63)*

23 63 23 00-0001 Water Cooled Condensers *(23 63 23)*

Note: Steel shell and copper tube type. Includes equipment rigging.

23 63 23 00-0002	EA	15 Ton Water Cooled Condenser, Shell And Tube Type	5,388.30	313.37
		For Saddle Legs, Add	*390.60*	
23 63 23 00-0003	EA	20 Ton Water Cooled Condenser, Shell And Tube Type	7,011.87	421.01
		For Saddle Legs, Add	*506.73*	
23 63 23 00-0004	EA	25 Ton Water Cooled Condenser, Shell And Tube Type	9,163.20	526.27
		For Saddle Legs, Add	*665.08*	
		For Dual Compressor, Add	*418.29*	
23 63 23 00-0005	EA	30 Ton Water Cooled Condenser, Shell And Tube Type	9,663.58	640.29
		For Saddle Legs, Add	*691.08*	
		For Dual Compressor, Add	*434.64*	
23 63 23 00-0006	EA	40 Ton Water Cooled Condenser, Shell And Tube Type	11,570.99	818.90
		For Saddle Legs, Add	*821.29*	
		For Dual Compressor, Add	*516.53*	
23 63 23 00-0007	EA	50 Ton Water Cooled Condenser, Shell And Tube Type	13,210.98	920.97
		For Saddle Legs, Add	*939.34*	
		For Dual Compressor, Add	*590.78*	
23 63 23 00-0008	EA	60 Ton Water Cooled Condenser, Shell And Tube Type	16,041.90	1,052.54
		For Saddle Legs, Add	*1,148.55*	
		For Dual Compressor, Add	*722.36*	
23 63 23 00-0009	EA	75 Ton Water Cooled Condenser, Shell And Tube Type	19,767.67	1,227.96
		For Saddle Legs, Add	*1,423.62*	
		For Dual Compressor, Add	*895.36*	
23 63 23 00-0010	EA	100 Ton Water Cooled Condenser, Shell And Tube Type	21,843.72	1,584.38
		For Saddle Legs, Add	*1,545.80*	
		For Dual Compressor, Add	*972.20*	
23 63 23 00-0011	EA	150 Ton Water Cooled Condenser, Shell And Tube Type	31,385.40	1,888.99
		For Saddle Legs, Add	*2,267.58*	
		For Dual Compressor, Add	*1,426.15*	

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	93,033.39	5,349.87
		For Two Stage Unit, Add	*61,715.77*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	118,162.72	6,376.85
		For Two Stage Unit, Add	*78,616.57*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	149,725.41	6,546.87
		For Two Stage Unit, Add	*100,601.19*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	165,889.79	6,671.41
		For Two Stage Unit, Add	*111,836.24*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	185,528.50	6,838.62
		For Two Stage Unit, Add	*125,475.87*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	209,590.94	7,242.10
		For Two Stage Unit, Add	*142,060.34*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	224,772.14	7,417.11
		For Two Stage Unit, Add	*152,574.71*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	267,830.75	7,720.34
		For Two Stage Unit, Add	*182,520.91*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	300,120.61	7,945.21
		For Two Stage Unit, Add	*204,979.33*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	369,222.86	11,210.41
		For Two Stage Unit, Add	*251,252.93*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	401,992.31	13,058.95
		For Two Stage Unit, Add	*273,003.79*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	430,596.12	13,639.28
		For Two Stage Unit, Add	*292,653.54*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	460,743.17	14,004.67
		For Two Stage Unit, Add	*313,617.68*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	527,500.31	14,490.01
		For Two Stage Unit, Add	*360,039.17*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	577,162.50	14,933.58
		For Two Stage Unit, Add	*394,520.74*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	678,471.13	18,408.66
		For Two Stage Unit, Add	*463,227.71*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	793,048.49	19,384.00
		For Two Stage Unit, Add	*542,811.89*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 13-0001		Magnetic Bearing, Air Cooled Centrifugal Chillers *(23 64 16 13)* Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.		
23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	124,806.36	4,858.37
		For 5 Year Parts Only Compressor Warranty, Add	*3,405.00*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	176,953.91	6,511.03
		For 5 Year Parts Only Compressor Warranty, Add	*6,810.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	220,694.90	6,885.94
		For 5 Year Parts Only Compressor Warranty, Add	*10,215.00*	
23 64 16 16		**Water-Cooled Centrifugal Water Chillers** *(23 64 16)*		
23 64 16 16-0001		Packaged Water-Cooled Centrifugal Water Chillers *(23 64 16 16)* Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	128,128.32	5,000.15
		For 208/230 Volt Motor, Add	*4,803.85*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	140,107.17	5,126.79
		For 208/230 Volt Motor, Add	*5,274.77*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	154,588.53	5,257.11
		For 208/230 Volt Motor, Add	*5,845.75*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	168,710.90	5,467.88
		For 208/230 Volt Motor, Add	*6,397.11*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	182,499.96	5,776.62
		For 208/230 Volt Motor, Add	*6,928.83*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	195,784.58	6,076.96
		For 208/230 Volt Motor, Add	*7,440.92*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	208,629.87	6,410.16
		For 208/230 Volt Motor, Add	*7,933.32*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	220,958.39	6,726.26
		For 208/230 Volt Motor, Add	*8,406.15*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	232,749.94	7,014.51
		For 208/230 Volt Motor, Add	*8,859.29*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	243,953.30	7,242.10
		For 208/230 Volt Motor, Add	*9,292.80*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	254,876.51	7,600.88
		For 208/230 Volt Motor, Add	*9,706.68*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	265,203.79	7,894.12
		For 208/230 Volt Motor, Add	*10,100.93*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	275,034.15	8,183.59
		For 208/230 Volt Motor, Add	*10,475.54*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	284,268.92	8,407.77
		For 208/230 Volt Motor, Add	*10,830.53*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	301,023.32	8,705.91
		For 208/230 Volt Motor, Add	*11,481.54*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	315,639.70	8,895.20
		For 208/230 Volt Motor, Add	*12,054.04*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	328,693.79	9,334.88
		For 208/230 Volt Motor, Add	*12,547.95*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	339,795.40	9,781.22
		For 208/230 Volt Motor, Add	*12,963.34*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	349,008.78	10,272.25
		For 208/230 Volt Motor, Add	*13,300.32*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	370,729.63	10,767.84
		For 208/230 Volt Motor, Add	*14,137.31*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	392,296.84	11,261.85
		For 208/230 Volt Motor, Add	*14,968.26*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	413,786.42	11,803.28
		For 208/230 Volt Motor, Add	*15,793.06*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	435,208.48	12,399.39
		For 208/230 Volt Motor, Add	*16,611.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	456,273.67	13,008.79
		For 208/230 Volt Motor, Add	*17,424.00*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	494,922.25	15,010.20
		For 208/230 Volt Motor, Add	*18,842.72*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	532,110.63	17,017.31
		For 208/230 Volt Motor, Add	*20,202.66*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	567,220.72	18,643.17
		For 208/230 Volt Motor, Add	*21,503.71*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	599,865.39	19,644.22
		For 208/230 Volt Motor, Add	*22,745.87*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	630,981.58	20,612.54
		For 208/230 Volt Motor, Add	*23,928.96*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	660,050.51	21,210.05
		For 208/230 Volt Motor, Add	*25,053.74*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	689,044.91	22,689.78
		For 208/230 Volt Motor, Add	*26,119.45*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	715,974.30	23,796.59
		For 208/230 Volt Motor, Add	*27,126.26*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	741,954.49	25,232.61
		For 208/230 Volt Motor, Add	*28,074.19*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	765,615.30	26,133.79
		For 208/230 Volt Motor, Add	*28,963.33*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	815,504.66	27,613.08
		For 208/230 Volt Motor, Add	*30,928.70*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	859,672.07	29,269.83
		For 208/230 Volt Motor, Add	*32,526.25*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	79,131.49	4,206.60
		For 5 Year Parts Only Compressor Warranty, Add	*3,405.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	99,444.60	4,889.29
		For 5 Year Parts Only Compressor Warranty, Add	*3,405.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	124,190.12	5,000.15
		For 5 Year Parts Only Compressor Warranty, Add	*6,810.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	161,359.04	5,776.62
		For 5 Year Parts Only Compressor Warranty, Add	*6,810.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	162,425.94	5,467.88
		For 5 Year Parts Only Compressor Warranty, Add	*10,215.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	243,196.00	7,242.10
		For 5 Year Parts Only Compressor Warranty, Add	*10,215.00*	
		For Marine Water Box Connections, Add	*3,178.00*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	215,617.64	6,726.26
		For 5 Year Parts Only Compressor Warranty, Add	*12,485.00*	
		For Marine Water Box Connections, Add	*4,426.50*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	299,263.54	8,705.91
		For 5 Year Parts Only Compressor Warranty, Add	*12,485.00*	
		For Marine Water Box Connections, Add	*4,426.50*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	267,973.86	7,600.88
		For 5 Year Parts Only Compressor Warranty, Add	*14,755.00*	
		For Marine Water Box Connections, Add	*4,426.50*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	358,237.16	9,334.88
		For 5 Year Parts Only Compressor Warranty, Add	*14,755.00*	
		For Marine Water Box Connections, Add	*4,426.50*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	318,757.21	8,407.77
		For 5 Year Parts Only Compressor Warranty, Add	*17,025.00*	
		For Marine Water Box Connections, Add	*4,653.50*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	410,665.16	10,767.84
		For 5 Year Parts Only Compressor Warranty, Add	*17,025.00*	
		For Marine Water Box Connections, Add	*4,653.50*	

23 64 23 Scroll Water Chillers *(23 64)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 00-0001		**Packaged Air Cooled Scroll Water Chillers** *(23 64 23)* Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel.		
23 64 23 00-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	17,330.54	1,330.04
23 64 23 00-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	25,258.32	1,347.10
23 64 23 00-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	27,557.51	1,440.89
23 64 23 00-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	30,303.63	1,543.19
23 64 23 00-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	30,821.82	1,645.50
23 64 23 00-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	32,533.44	1,764.86
23 64 23 00-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	37,164.69	1,909.81
23 64 23 00-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	39,916.61	2,071.79
23 64 23 00-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	42,134.51	2,131.48
23 64 23 00-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	44,005.96	2,225.26
23 64 23 00-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	45,484.67	2,302.00
23 64 23 00-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	52,454.86	2,591.88
23 64 23 00-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	56,480.38	2,839.14
23 64 23 00-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	57,493.94	2,847.66
23 64 23 00-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	60,781.45	2,856.18
23 64 23 00-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	63,980.44	2,864.71
23 64 23 00-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	67,219.18	2,873.23
23 64 23 00-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	70,625.86	2,881.76
23 64 23 00-0020		**Packaged Water Cooled Scroll Water Chillers** *(23 64 23)* Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 23 00-0021	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	40,054.10	1,642.90
23 64 23 00-0022	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	46,263.15	1,692.53
23 64 23 00-0023	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	51,340.85	1,858.05
23 64 23 00-0024	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	63,017.90	2,333.75
23 64 23 00-0025	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	69,736.04	2,557.55
23 64 23 00-0026	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	73,153.24	2,825.76
23 64 26		**Rotary-Screw Water Chillers** *(23 64)*		
23 64 26 13		**Air-Cooled, Rotary-Screw Water Chillers** *(23 64 26)*		
23 64 26 13-0001		**Packaged Air Cooled Rotary-Screw Water Chillers** *(23 64 26 13)* Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel.		
23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	97,207.53	3,265.43
		For Aluminum Fins Instead Of Copper, Deduct	*-1,384.70*	
		For 208/230 Volt Motor, Add	*3,692.55*	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	104,460.77	3,546.79
		For Aluminum Fins Instead Of Copper, Deduct	*-1,487.24*	
		For 208/230 Volt Motor, Add	*3,965.96*	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	109,893.21	3,700.25
		For Aluminum Fins Instead Of Copper, Deduct	*-1,565.14*	
		For 208/230 Volt Motor, Add	*4,173.71*	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	113,904.10	3,981.61
		For Aluminum Fins Instead Of Copper, Deduct	*-1,619.04*	
		For 208/230 Volt Motor, Add	*4,317.44*	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	122,279.25	4,177.70
		For Aluminum Fins Instead Of Copper, Deduct	*-1,740.32*	
		For 208/230 Volt Motor, Add	*4,640.85*	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	130,003.84	4,262.96
		For Aluminum Fins Instead Of Copper, Deduct	*-1,854.14*	
		For 208/230 Volt Motor, Add	*4,944.38*	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	137,266.91	4,407.91
		For Aluminum Fins Instead Of Copper, Deduct	*-1,959.89*	
		For 208/230 Volt Motor, Add	*5,226.37*	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	141,672.48	4,501.68
		For Aluminum Fins Instead Of Copper, Deduct	*-2,023.80*	
		For 208/230 Volt Motor, Add	*5,396.80*	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	149,653.44	4,595.47
		For Aluminum Fins Instead Of Copper, Deduct	*-2,141.34*	
		For 208/230 Volt Motor, Add	*5,710.24*	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	156,232.67	4,740.41
		For Aluminum Fins Instead Of Copper, Deduct	*-2,236.83*	
		For 208/230 Volt Motor, Add	*5,964.88*	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	164,772.54	4,927.99
		For Aluminum Fins Instead Of Copper, Deduct	*-2,360.71*	
		For 208/230 Volt Motor, Add	*6,295.22*	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	172,281.28	5,030.30
		For Aluminum Fins Instead Of Copper, Deduct	*-2,471.17*	
		For 208/230 Volt Motor, Add	*6,589.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	184,773.52	5,115.55
		For Aluminum Fins Instead Of Copper, Deduct	*-2,656.50*	
		For 208/230 Volt Motor, Add	*7,084.01*	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	193,078.94	5,166.71
		For Aluminum Fins Instead Of Copper, Deduct	*-2,780.06*	
		For 208/230 Volt Motor, Add	*7,413.50*	
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller	201,384.37	5,209.34
		For Aluminum Fins Instead Of Copper, Deduct	*-2,903.62*	
		For 208/230 Volt Motor, Add	*7,742.98*	
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller	226,249.49	5,311.65
		For Aluminum Fins Instead Of Copper, Deduct	*-3,274.29*	
		For 208/230 Volt Motor, Add	*8,731.45*	
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller	238,750.25	5,413.97
		For Aluminum Fins Instead Of Copper, Deduct	*-3,459.63*	
		For 208/230 Volt Motor, Add	*9,225.68*	
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller	255,361.11	5,499.23
		For Aluminum Fins Instead Of Copper, Deduct	*-3,706.75*	
		For 208/230 Volt Motor, Add	*9,884.66*	
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller	280,209.18	5,593.00
		For Aluminum Fins Instead Of Copper, Deduct	*-4,077.42*	
		For 208/230 Volt Motor, Add	*10,873.13*	
23 64 26 13-0021	EA	350 Ton Packaged Air Cooled Rotary-Screw Water Chiller	305,630.74	5,661.22
		For Aluminum Fins Instead Of Copper, Deduct	*-4,457.08*	
		For 208/230 Volt Motor, Add	*11,885.56*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	78,008.73	3,943.69
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	84,835.97	4,097.05
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,754.85	4,206.60
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	95,851.34	4,384.06
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	100,957.24	4,504.57
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	107,185.67	4,631.03
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	109,933.78	4,760.46
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	119,224.46	4,889.29
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	128,258.65	5,010.32
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	132,601.66	5,260.87
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	135,066.69	5,514.59
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	136,882.08	5,632.63
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	148,900.18	5,755.86
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	158,232.37	6,019.30
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,063.45	6,262.93
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	177,356.20	6,511.03
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	194,691.94	7,088.12
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	208,816.72	7,796.23
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	219,744.30	8,576.20

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Blow-Thru Centrifugal Fan Type Cooling Towers *(23 65 13 16)*

Note: Including 2-speed motor internal piping, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0002	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	12,380.13	1,415.30
		For Stainless Steel Cooling Tower, Add	*6,154.30*	
23 65 13 16-0003	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	16,989.49	1,730.76
		For Stainless Steel Cooling Tower, Add	*8,643.68*	
23 65 13 16-0004	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	21,359.24	2,174.11
		For Stainless Steel Cooling Tower, Add	*10,718.17*	
23 65 13 16-0005	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	24,605.80	2,429.89
		For Stainless Steel Cooling Tower, Add	*12,420.56*	
23 65 13 16-0006	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	28,107.76	2,736.82
		For Stainless Steel Cooling Tower, Add	*14,225.03*	
23 65 13 16-0007	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	31,599.92	3,069.34
		For Stainless Steel Cooling Tower, Add	*16,003.16*	
23 65 13 16-0008	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	35,455.46	3,418.89
		For Stainless Steel Cooling Tower, Add	*17,978.86*	
23 65 13 16-0009	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	38,788.84	3,853.72
		For Stainless Steel Cooling Tower, Add	*19,559.41*	
23 65 13 16-0010	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	42,289.32	4,280.01
		For Stainless Steel Cooling Tower, Add	*21,245.34*	
23 65 13 16-0011	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	46,440.33	5,064.40
		For Stainless Steel Cooling Tower, Add	*22,983.96*	
23 65 13 16-0012	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	50,510.08	5,610.06
		For Stainless Steel Cooling Tower, Add	*24,893.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0013	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	53,233.93	5,968.14
		For Stainless Steel Cooling Tower, Add	*26,210.93*	
23 65 13 16-0014	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	56,418.65	6,317.71
		For Stainless Steel Cooling Tower, Add	*27,758.56*	
23 65 13 16-0015	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	59,492.53	6,624.64
		For Stainless Steel Cooling Tower, Add	*29,306.19*	
23 65 13 16-0016	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	62,996.93	6,931.57
		For Stainless Steel Cooling Tower, Add	*31,117.25*	
23 65 13 16-0017	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	66,730.47	7,306.71
		For Stainless Steel Cooling Tower, Add	*32,994.16*	
23 65 13 16-0018	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	70,949.39	7,681.86
		For Stainless Steel Cooling Tower, Add	*35,167.43*	
23 65 13 16-0019	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	75,036.71	8,005.84
		For Stainless Steel Cooling Tower, Add	*37,307.77*	
23 65 13 16-0020	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	79,132.55	8,329.82
		For Stainless Steel Cooling Tower, Add	*39,448.11*	
23 65 13 16-0021	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	86,821.20	8,679.39
		For Stainless Steel Cooling Tower, Add	*43,728.79*	
23 65 13 16-0022	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	95,168.43	9,020.42
		For Stainless Steel Cooling Tower, Add	*48,404.61*	
23 65 13 16-0023	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	98,529.46	9,208.00
		For Stainless Steel Cooling Tower, Add	*50,380.31*	
23 65 13 16-0024	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	102,549.06	9,327.37
		For Stainless Steel Cooling Tower, Add	*52,751.15*	
23 65 13 16-0025	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	107,360.50	9,804.81
		For Stainless Steel Cooling Tower, Add	*55,187.84*	
23 65 13 16-0026	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	112,940.26	10,282.26
		For Stainless Steel Cooling Tower, Add	*58,085.53*	
23 65 13 16-0027	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	118,588.24	10,802.35
		For Stainless Steel Cooling Tower, Add	*60,983.22*	
23 65 13 16-0028	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	125,114.31	11,322.43
		For Stainless Steel Cooling Tower, Add	*64,407.77*	
23 65 13 16-0029	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	131,869.49	11,919.24
		For Stainless Steel Cooling Tower, Add	*67,898.17*	
23 65 13 16-0030	EA	1,000 Ton Centrifugal Type Cooling Tower	139,494.23	12,516.06
		For Stainless Steel Cooling Tower, Add	*71,915.42*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 00-0001 Induced Draft Axial Single Flow Propeller Type Cooling Towers *(23 65 14)*

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 00-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	6,388.07	954.91
23 65 14 00-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	7,544.67	1,031.64
23 65 14 00-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	8,999.98	1,159.52
23 65 14 00-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	9,985.76	1,278.89
23 65 14 00-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	11,803.88	1,415.30
23 65 14 00-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	13,699.86	1,526.14
23 65 14 00-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	15,721.75	1,730.76
23 65 14 00-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	19,630.50	2,174.11
23 65 14 00-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	21,422.73	2,429.89
23 65 14 00-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	32,429.23	2,736.82
23 65 14 00-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	39,272.40	3,418.89
23 65 14 00-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	51,161.85	5,610.06

23 65 14 00-0014 Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 00-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	19,630.50	2,174.11
23 65 14 00-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	26,104.62	2,736.82
23 65 14 00-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	33,150.48	3,418.89
23 65 14 00-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	39,402.61	4,280.01
23 65 14 00-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	46,981.27	5,610.06
23 65 14 00-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	52,384.93	6,317.71
23 65 14 00-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	58,386.97	6,931.57
23 65 14 00-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	66,119.91	7,681.86
23 65 14 00-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	74,467.71	8,329.82
23 65 14 00-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	79,686.73	8,781.70
23 65 14 00-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	85,319.57	9,020.42
23 65 14 00-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	96,457.32	9,327.37
23 65 14 00-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	105,805.79	10,282.26
23 65 14 00-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	116,882.23	11,322.43

23 65 14 00-0029 Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14)*

Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 00-0030	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	5,468.84	954.91
		For Polymer Coating Over Galvanized Components, Add	*605.47*	
23 65 14 00-0031	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	5,884.33	971.96
		For Polymer Coating Over Galvanized Components, Add	*665.24*	
23 65 14 00-0032	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	6,401.88	1,057.21
		For Polymer Coating Over Galvanized Components, Add	*722.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 00-0033	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	7,448.76	1,108.37
		For Polymer Coating Over Galvanized Components, Add	*867.93*	
23 65 14 00-0034	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,409.01	1,159.52
		For Polymer Coating Over Galvanized Components, Add	*1,000.46*	
23 65 14 00-0035	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,351.67	1,219.20
		For Polymer Coating Over Galvanized Components, Add	*1,127.79*	
23 65 14 00-0036	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	10,216.50	1,278.89
		For Polymer Coating Over Galvanized Components, Add	*1,244.73*	
23 65 14 00-0037	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,176.49	1,347.10
		For Polymer Coating Over Galvanized Components, Add	*1,374.66*	
23 65 14 00-0038	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	12,118.88	1,415.30
		For Polymer Coating Over Galvanized Components, Add	*1,499.39*	
23 65 14 00-0039	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,961.29	1,526.14
		For Polymer Coating Over Galvanized Components, Add	*1,751.45*	
23 65 14 00-0040	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,959.35	1,645.50
		For Polymer Coating Over Galvanized Components, Add	*2,024.30*	
23 65 14 00-0041	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	16,892.94	1,730.76
		For Polymer Coating Over Galvanized Components, Add	*2,146.44*	
23 65 14 00-0042	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,928.84	1,875.70
		For Polymer Coating Over Galvanized Components, Add	*2,268.57*	
23 65 14 00-0043	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	18,704.87	2,020.64
		For Polymer Coating Over Galvanized Components, Add	*2,351.73*	
23 65 14 00-0044	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	20,161.27	2,174.11
		For Polymer Coating Over Galvanized Components, Add	*2,499.85*	
23 65 14 00-0045	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,038.26	2,429.89
		For Polymer Coating Over Galvanized Components, Add	*2,570.01*	
23 65 14 00-0046	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	24,408.54	2,736.82
		For Polymer Coating Over Galvanized Components, Add	*3,001.37*	
23 65 14 00-0047	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,981.38	3,069.34
		For Polymer Coating Over Galvanized Components, Add	*3,308.01*	
23 65 14 00-0048	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,462.26	3,418.89
		For Polymer Coating Over Galvanized Components, Add	*3,445.73*	
23 65 14 00-0049	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	32,868.70	3,853.72
		For Polymer Coating Over Galvanized Components, Add	*4,001.83*	
23 65 14 00-0050	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	36,053.95	4,280.01
		For Polymer Coating Over Galvanized Components, Add	*4,376.03*	
23 65 14 00-0051	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	38,710.50	5,064.40
		For Polymer Coating Over Galvanized Components, Add	*4,586.52*	
23 65 14 00-0052	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	41,814.66	5,610.06
		For Polymer Coating Over Galvanized Components, Add	*4,919.14*	
23 65 14 00-0053	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	47,764.68	6,317.71
		For Polymer Coating Over Galvanized Components, Add	*5,641.55*	
23 65 14 00-0054	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	52,643.03	6,931.57
		For Polymer Coating Over Galvanized Components, Add	*6,226.23*	
23 65 14 00-0055	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	58,193.51	7,681.86
		For Polymer Coating Over Galvanized Components, Add	*6,878.48*	
23 65 14 00-0056	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	63,399.94	8,329.82
		For Polymer Coating Over Galvanized Components, Add	*7,502.14*	
23 65 14 00-0057	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	72,304.10	9,020.42
		For Polymer Coating Over Galvanized Components, Add	*8,671.50*	
23 65 14 00-0058	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	80,773.32	9,327.37
		For Polymer Coating Over Galvanized Components, Add	*9,921.43*	
23 65 14 00-0059	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,242.90	10,282.26
		For Polymer Coating Over Galvanized Components, Add	*11,116.78*	
23 65 14 00-0060	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	99,467.78	11,322.43
		For Polymer Coating Over Galvanized Components, Add	*12,254.96*	
23 65 14 00-0061	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	108,559.04	12,516.06
		For Polymer Coating Over Galvanized Components, Add	*13,338.58*	
23 65 14 00-0062	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	118,635.13	13,121.40
		For Polymer Coating Over Galvanized Components, Add	*14,708.03*	
23 65 14 00-0063	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	128,348.26	13,684.11
		For Polymer Coating Over Galvanized Components, Add	*16,030.72*	
23 65 14 00-0064	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	136,617.03	14,860.68
		For Polymer Coating Over Galvanized Components, Add	*16,994.79*	
23 65 14 00-0065	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	144,658.44	16,122.52
		For Polymer Coating Over Galvanized Components, Add	*17,904.30*	
23 65 14 00-0066	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	152,446.88	17,452.56
		For Polymer Coating Over Galvanized Components, Add	*18,759.24*	
23 65 14 00-0067	EA	1,600 Ton Induced Draft Cooling Tower	159,623.70	18,654.72
		For Polymer Coating Over Galvanized Components, Add	*19,554.41*	
23 65 14 00-0068	EA	1,700 Ton Induced Draft Cooling Tower	166,700.76	20,027.39
		For Polymer Coating Over Galvanized Components, Add	*20,292.41*	
23 65 14 00-0069	EA	1,800 Ton Induced Draft Cooling Tower	173,755.02	21,613.23
		For Polymer Coating Over Galvanized Components, Add	*20,975.84*	
23 65 14 00-0070	EA	1,900 Ton Induced Draft Cooling Tower	180,402.37	23,199.04
		For Polymer Coating Over Galvanized Components, Add	*21,599.50*	
23 65 14 00-0071	EA	2,000 Ton Induced Draft Cooling Tower	187,589.65	25,364.63
		For Polymer Coating Over Galvanized Components, Add	*22,168.59*	

23 65 14 00-0072 Draw-Thru Fiberglass Packaged Propeller Type Cooling Towers *(23 65 14)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 00-0073	EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	2,335.57	528.61
23 65 14 00-0074	EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	2,622.68	656.50
23 65 14 00-0075	EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,154.81	741.76
23 65 14 00-0076	EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,644.83	809.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 00-0077	EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,720.58	878.17
23 65 14 00-0078	EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,054.71	963.43
23 65 14 00-0079	EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,760.35	1,253.31
23 65 14 00-0080	EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,589.44	1,142.47
23 65 14 00-0081	EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,431.21	1,312.99
23 65 14 00-0082	EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,395.89	1,466.46
23 65 14 00-0083	EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,698.53	1,619.92
23 65 14 00-0084	EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,146.47	2,054.75
23 65 14 00-0085	EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,140.56	2,319.05
23 65 14 00-0086	EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	16,074.03	2,574.83
23 65 14 00-0087	EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	17,730.57	2,702.71
23 65 14 00-0088	EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	21,086.22	2,822.08
23 65 14 00-0089	EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	23,205.00	2,949.97
23 65 14 00-0090	EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	25,257.52	3,077.86
23 65 14 00-0091	EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	27,407.14	3,325.11
23 65 14 00-0092	EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	31,824.57	3,708.78
23 65 14 00-0093	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	36,044.02	4,100.96
23 65 14 00-0094	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	40,671.10	4,859.78
23 65 14 00-0095	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	49,110.00	5,644.16
23 65 14 00-0096	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	56,146.96	6,121.62
23 65 14 00-0097	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	63,193.89	6,931.57
23 65 14 00-0098	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	69,654.86	7,750.07
23 65 14 00-0099	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	82,402.20	8,568.55

23 65 14 00-0100 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 00-0101 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 00-0100)*

Note: Excludes crane and associated personnel.

23 65 14 00-0102	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	14,897.34	1,415.30
23 65 14 00-0103	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	20,956.53	1,730.76
23 65 14 00-0104	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	24,924.46	2,174.11
23 65 14 00-0105	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	28,226.14	2,429.89
23 65 14 00-0106	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	31,022.19	2,736.82
23 65 14 00-0107	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	37,307.49	3,418.89
23 65 14 00-0108	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	44,116.45	4,280.01
23 65 14 00-0109	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	52,730.15	5,610.06
23 65 14 00-0110	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	57,866.51	6,317.71
23 65 14 00-0111	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	65,416.99	6,931.57
23 65 14 00-0112	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	76,070.92	8,329.82
23 65 14 00-0113	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	85,567.69	9,020.42
23 65 14 00-0114	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	104,968.62	9,804.81
23 65 14 00-0115	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	133,202.47	12,379.65

23 65 14 00-0116 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 00-0100)*

Note: Excludes crane and associated personnel.

23 65 14 00-0117	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	34,672.56	2,174.11
		For Induced Draft Counter Flow Type, Add	*1,558.85*	
23 65 14 00-0118	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	39,270.28	2,412.84
		For Induced Draft Counter Flow Type, Add	*1,768.27*	
23 65 14 00-0119	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	42,983.69	2,736.82
		For Induced Draft Counter Flow Type, Add	*1,929.22*	
23 65 14 00-0120	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	48,082.30	3,418.89
		For Induced Draft Counter Flow Type, Add	*2,129.58*	
23 65 14 00-0121	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	54,791.69	4,280.01
		For Induced Draft Counter Flow Type, Add	*2,395.56*	
23 65 14 00-0122	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	63,465.79	5,610.06
		For Induced Draft Counter Flow Type, Add	*2,722.27*	
23 65 14 00-0123	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	69,307.30	6,317.71
		For Induced Draft Counter Flow Type, Add	*2,957.65*	
23 65 14 00-0124	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	74,995.32	6,931.57
		For Induced Draft Counter Flow Type, Add	*3,193.02*	
23 65 14 00-0125	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	86,826.14	8,329.82
		For Induced Draft Counter Flow Type, Add	*3,672.02*	
23 65 14 00-0126	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	97,760.83	9,020.42
		For Induced Draft Counter Flow Type, Add	*4,163.34*	
23 65 14 00-0127	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	120,198.41	9,804.81
		For Induced Draft Counter Flow Type, Add	*5,199.96*	
23 65 14 00-0128	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	155,322.92	12,516.06
		For Induced Draft Counter Flow Type, Add	*6,784.39*	

23 65 14 00-0129 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 00-0100)*

Note: Excludes crane and associated personnel.

23 65 14 00-0130	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	25,889.15	2,174.11
23 65 14 00-0131	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	28,075.97	2,429.89
23 65 14 00-0132	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	30,349.69	2,736.82
23 65 14 00-0133	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	36,035.93	3,418.89
23 65 14 00-0134	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	40,135.27	4,280.01

23 65 43 Cooling Tower Basins And Accessories *(23 65)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 43 00-0001		Fiberglass Cooling Tower Sump Basins *(23 65 43)*		
		Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel.		
23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	880.02	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	998.08	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	970.36	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,142.96	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,246.11	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,380.56	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,515.01	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,515.61	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,669.43	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,910.01	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,152.08	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,302.93	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001		Nickelshield Storage Tanks *(23 71 13 23)*		
23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	15,458.47	159.32
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	21,567.00	211.23
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	24,697.45	255.48
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	29,250.06	319.35
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	34,055.36	424.52
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	44,043.28	638.78
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	49,735.37	719.47
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	68,284.92	955.66
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	88,296.46	1,110.99

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 13 00-0001		Enthalpy Recovery Wheel *(23 72 13)*		
23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	5,693.88	610.10
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	6,359.86	732.31
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	7,957.34	915.39
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	9,288.13	1,045.82
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	10,235.33	1,098.46
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	12,358.95	1,220.66
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	16,177.29	1,281.54
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	19,992.43	1,373.08
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	24,144.58	1,568.96
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	27,238.66	2,013.85
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	36,214.68	2,288.46
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	43,090.18	2,746.15

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001		Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*		
23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	9,811.07	457.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	15,348.95	610.28
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	22,761.78	915.39

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,107.66	473.38
		For Flat Filter Box And Throwaway Filters, Add	*176.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*333.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*497.05*	
		For Manual Roll Filter, Add	*854.90*	
		For Automatic Roll Filter, Add	*926.47*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*425.48*	
		For Electric Heating Coil, Add	*711.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*711.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*640.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*568.62*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*463.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*854.90*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*783.33*	
		For Hot Water Heating Coil, Copper Fins, Add	*568.62*	
		For Variable Air Volume, Add	*200.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,113.38*	
		For 2 Coils, Independent Circuits, Add	*239.39*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,343.35	568.06
		For Flat Filter Box And Throwaway Filters, Add	*293.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*563.26*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*840.83*	
		For Manual Roll Filter, Add	*1,473.95*	
		For Automatic Roll Filter, Add	*1,600.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*714.21*	
		For Electric Heating Coil, Add	*1,220.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,220.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,094.08*	
		For Steam Heating Coil, Aluminum Fins, Add	*967.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*800.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,473.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,347.33*	
		For Hot Water Heating Coil, Copper Fins, Add	*967.46*	
		For Variable Air Volume, Add	*354.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,207.61*	
		For 2 Coils, Independent Circuits, Add	*384.98*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,781.89	610.08
		For Flat Filter Box And Throwaway Filters, Add	*334.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*643.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*960.27*	
		For Manual Roll Filter, Add	*1,687.88*	
		For Automatic Roll Filter, Add	*1,833.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*814.75*	
		For Electric Heating Coil, Add	*1,396.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,396.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,251.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,105.79*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*916.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,687.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,542.36*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,105.79*	
		For Variable Air Volume, Add	*407.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,250.03*	
		For 2 Coils, Independent Circuits, Add	*436.40*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,269.64	655.55
		For Flat Filter Box And Throwaway Filters, Add	*380.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*732.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,093.56*	
		For Manual Roll Filter, Add	*1,926.81*	
		For Automatic Roll Filter, Add	*2,093.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*926.91*	
		For Electric Heating Coil, Add	*1,593.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,593.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,426.86*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,260.21*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,046.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,926.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,760.16*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,260.21*	
		For Variable Air Volume, Add	*466.62*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,295.66*	
		For 2 Coils, Independent Circuits, Add	*493.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,845.23	705.26
		For Flat Filter Box And Throwaway Filters, Add	*434.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*838.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,252.30*	
		For Manual Roll Filter, Add	*2,212.02*	
		For Automatic Roll Filter, Add	*2,403.97*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,060.36*	
		For Electric Heating Coil, Add	*1,828.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,828.13*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,636.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,444.25*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,201.98*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,212.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,020.08*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,444.25*	
		For Variable Air Volume, Add	*537.44*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,344.44*	
		For 2 Coils, Independent Circuits, Add	*561.30*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,516.79	757.92
		For Flat Filter Box And Throwaway Filters, Add	*497.54*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*962.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,438.49*	
		For Manual Roll Filter, Add	*2,547.01*	
		For Automatic Roll Filter, Add	*2,768.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,216.79*	
		For Electric Heating Coil, Add	*2,103.60*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,103.60*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,881.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,660.20*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,384.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,547.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,325.31*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,660.20*	
		For Variable Air Volume, Add	*620.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,397.90*	
		For 2 Coils, Independent Circuits, Add	*640.36*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,042.02	814.81
		For Flat Filter Box And Throwaway Filters, Add	*546.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,057.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,580.29*	
		For Manual Roll Filter, Add	*2,800.40*	
		For Automatic Roll Filter, Add	*3,044.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,336.27*	
		For Electric Heating Coil, Add	*2,312.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,312.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,068.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,824.31*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,522.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,800.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,556.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,824.31*	
		For Variable Air Volume, Add	*683.26*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,453.10*	
		For 2 Coils, Independent Circuits, Add	*701.81*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,610.79	878.13
		For Flat Filter Box And Throwaway Filters, Add	*598.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,159.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,732.40*	
		For Manual Roll Filter, Add	*3,071.54*	
		For Automatic Roll Filter, Add	*3,339.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,464.57*	
		For Electric Heating Coil, Add	*2,535.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,535.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,268.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,000.23*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,669.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,071.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,803.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,000.23*	
		For Variable Air Volume, Add	*749.92*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,439.81*	
		For 2 Coils, Independent Circuits, Add	*768.21*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,237.25	941.45
		For Flat Filter Box And Throwaway Filters, Add	*656.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,272.60*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,902.18*	
		For Manual Roll Filter, Add	*3,375.24*	
		For Automatic Roll Filter, Add	*3,669.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,607.56*	
		For Electric Heating Coil, Add	*2,786.01*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,786.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,491.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,196.79*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,834.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,375.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,080.63*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,196.79*	
		For Variable Air Volume, Add	*824.92*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,489.75*	
		For 2 Coils, Independent Circuits, Add	*841.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,814.02	1,011.95
		For Flat Filter Box And Throwaway Filters, Add	*709.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,374.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,055.08*	
		For Manual Roll Filter, Add	*3,647.18*	
		For Automatic Roll Filter, Add	*3,965.60*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,736.66*	
		For Electric Heating Coil, Add	*3,010.34*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,010.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,691.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,373.50*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,982.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,647.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,328.76*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,373.50*	
		For Variable Air Volume, Add	*891.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,545.10*	
		For 2 Coils, Independent Circuits, Add	*908.77*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,429.64	1,088.87
		For Flat Filter Box And Throwaway Filters, Add	*765.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,483.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,217.82*	
		For Manual Roll Filter, Add	*3,936.39*	
		For Automatic Roll Filter, Add	*4,280.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,874.11*	
		For Electric Heating Coil, Add	*3,248.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,248.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,905.25*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,561.54*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,140.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,936.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,592.68*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,561.54*	
		For Variable Air Volume, Add	*962.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,605.44*	
		For 2 Coils, Independent Circuits, Add	*980.45*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,805.62	1,260.39
		For Flat Filter Box And Throwaway Filters, Add	*890.54*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,727.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,581.59*	
		For Manual Roll Filter, Add	*4,582.87*	
		For Automatic Roll Filter, Add	*4,983.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,181.33*	
		For Electric Heating Coil, Add	*3,782.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,782.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,382.10*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,981.84*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,491.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,582.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,182.61*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,981.84*	
		For Variable Air Volume, Add	*1,120.72*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,740.27*	
		For 2 Coils, Independent Circuits, Add	*1,140.66*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,267.98	1,354.47
		For Flat Filter Box And Throwaway Filters, Add	*930.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,801.98*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,693.29*	
		For Manual Roll Filter, Add	*4,776.41*	
		For Automatic Roll Filter, Add	*5,193.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,276.67*	
		For Electric Heating Coil, Add	*3,943.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,943.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,526.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,109.92*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,596.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,776.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,359.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,109.92*	
		For Variable Air Volume, Add	*1,166.55*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,814.53*	
		For 2 Coils, Independent Circuits, Add	*1,193.45*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,739.36	1,455.66
		For Flat Filter Box And Throwaway Filters, Add	*969.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,877.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,805.90*	
		For Manual Roll Filter, Add	*4,970.86*	
		For Automatic Roll Filter, Add	*5,403.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,372.91*	
		For Electric Heating Coil, Add	*4,104.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,104.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,671.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,238.89*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,701.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,970.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,537.86*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,238.89*	
		For Variable Air Volume, Add	*1,212.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,893.75*	
		For 2 Coils, Independent Circuits, Add	*1,247.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,775.55	1,680.52
		For Flat Filter Box And Throwaway Filters, Add	*1,057.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,042.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,052.36*	
		For Manual Roll Filter, Add	*5,395.87*	
		For Automatic Roll Filter, Add	*5,864.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,583.66*	
		For Electric Heating Coil, Add	*4,458.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,458.47*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,989.77*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,521.07*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,932.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,395.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,927.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,521.07*	
		For Variable Air Volume, Add	*1,312.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,900.60*	
		For 2 Coils, Independent Circuits, Add	*1,365.04*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,775.55	1,680.52
		For Flat Filter Box And Throwaway Filters, Add	*1,057.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,042.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,052.36*	
		For Manual Roll Filter, Add	*5,395.87*	
		For Automatic Roll Filter, Add	*5,864.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,583.66*	
		For Electric Heating Coil, Add	*4,458.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,458.47*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,989.77*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,521.07*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,932.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,395.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,927.17*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,521.07*	
		For Variable Air Volume, Add	*1,312.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,900.60*	
		For 2 Coils, Independent Circuits, Add	*1,365.04*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,905.79	1,930.23
		For Flat Filter Box And Throwaway Filters, Add	*1,152.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,222.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,320.13*	
		For Manual Roll Filter, Add	*5,857.08*	
		For Automatic Roll Filter, Add	*6,364.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,812.74*	
		For Electric Heating Coil, Add	*4,842.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,842.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,334.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,827.52*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,182.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,857.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,349.69*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,827.52*	
		For Variable Air Volume, Add	*1,420.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,043.21*	
		For 2 Coils, Independent Circuits, Add	*1,493.53*	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,556.71	2,094.14
		For Flat Filter Box And Throwaway Filters, Add	*1,206.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,322.34*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,468.55*	
		For Manual Roll Filter, Add	*6,109.65*	
		For Automatic Roll Filter, Add	*6,637.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,940.33*	
		For Electric Heating Coil, Add	*5,053.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,053.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,524.99*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,996.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,318.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,109.65*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,581.43*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,996.77*	
		For Variable Air Volume, Add	*1,479.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,136.93*	
		For 2 Coils, Independent Circuits, Add	*1,566.96*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,195.20	2,249.76
		For Flat Filter Box And Throwaway Filters, Add	*1,258.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,421.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,615.72*	
		For Manual Roll Filter, Add	*6,360.97*	
		For Automatic Roll Filter, Add	*6,910.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,066.67*	
		For Electric Heating Coil, Add	*5,262.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,262.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,713.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,164.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,455.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,360.97*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,811.92*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,164.77*	
		For Variable Air Volume, Add	*1,537.34*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,225.68*	
		For 2 Coils, Independent Circuits, Add	*1,639.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,837.44	2,408.34
		For Flat Filter Box And Throwaway Filters, Add	*1,311.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,520.31*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,763.27*	
		For Manual Roll Filter, Add	*6,612.68*	
		For Automatic Roll Filter, Add	*7,182.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,193.39*	
		For Electric Heating Coil, Add	*5,472.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,472.92*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,903.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,333.15*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,591.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,612.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,042.80*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,333.15*	
		For Variable Air Volume, Add	*1,595.67*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,315.92*	
		For 2 Coils, Independent Circuits, Add	*1,711.70*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,577.31	2,592.38
		For Flat Filter Box And Throwaway Filters, Add	*1,372.55*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,634.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,932.49*	
		For Manual Roll Filter, Add	*6,900.93*	
		For Automatic Roll Filter, Add	*7,494.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,338.80*	
		For Electric Heating Coil, Add	*5,713.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,713.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,119.87*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,526.18*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,747.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,900.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,307.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,526.18*	
		For Variable Air Volume, Add	*1,662.33*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,421.41*	
		For 2 Coils, Independent Circuits, Add	*1,795.21*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,327.95	2,777.59
		For Flat Filter Box And Throwaway Filters, Add	*1,433.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,748.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,102.78*	
		For Manual Roll Filter, Add	*7,190.26*	
		For Automatic Roll Filter, Add	*7,807.76*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,485.28*	
		For Electric Heating Coil, Add	*5,955.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,955.27*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,337.77*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,720.28*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,903.88*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,190.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,572.76*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,720.28*	
		For Variable Air Volume, Add	*1,728.99*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,373.41*	
		For 2 Coils, Independent Circuits, Add	*1,879.79*	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,100.81	2,991.12
		For Flat Filter Box And Throwaway Filters, Add	*1,496.34*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,864.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,275.29*	
		For Manual Roll Filter, Add	*7,481.81*	
		For Automatic Roll Filter, Add	*8,123.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,633.99*	
		For Electric Heating Coil, Add	*6,199.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,199.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,557.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,916.60*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,061.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,481.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,840.51*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,916.60*	
		For Variable Air Volume, Add	*1,795.65*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,462.43*	
		For 2 Coils, Independent Circuits, Add	*1,966.60*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,981.01	3,240.32
		For Flat Filter Box And Throwaway Filters, Add	*1,567.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,995.69*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,470.45*	
		For Manual Roll Filter, Add	*7,810.88*	
		For Automatic Roll Filter, Add	*8,478.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,802.36*	
		For Electric Heating Coil, Add	*6,474.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,474.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,806.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,138.53*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,239.48*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,810.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,142.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,138.53*	
		For Variable Air Volume, Add	*1,870.64*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,565.79*	
		For 2 Coils, Independent Circuits, Add	*2,065.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,840.84	3,459.61
		For Flat Filter Box And Throwaway Filters, Add	*1,636.91*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,125.52*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,663.56*	
		For Manual Roll Filter, Add	*8,137.91*	
		For Automatic Roll Filter, Add	*8,832.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,968.69*	
		For Electric Heating Coil, Add	*6,748.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,748.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,053.30*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,358.43*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,416.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,137.91*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,443.04*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,358.43*	
		For Variable Air Volume, Add	*1,945.63*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,663.04*	
		For 2 Coils, Independent Circuits, Add	*2,162.03*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,934.36	3,349.79
		For Flat Filter Box And Throwaway Filters, Add	*1,654.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,166.88*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,726.48*	
		For Manual Roll Filter, Add	*8,267.78*	
		For Automatic Roll Filter, Add	*8,976.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,018.22*	
		For Electric Heating Coil, Add	*6,851.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,851.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,143.00*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,434.74*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,488.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,267.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,559.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,434.74*	
		For Variable Air Volume, Add	*1,983.13*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,610.75*	
		For 2 Coils, Independent Circuits, Add	*2,176.74*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,741.24	3,716.50
		For Flat Filter Box And Throwaway Filters, Add	*1,708.71*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,258.18*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,860.73*	
		For Manual Roll Filter, Add	*8,468.99*	
		For Automatic Roll Filter, Add	*9,190.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,139.08*	
		For Electric Heating Coil, Add	*7,025.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,025.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,304.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,582.38*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,595.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,468.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,747.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,582.38*	
		For Variable Air Volume, Add	*2,020.63*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,772.46*	
		For 2 Coils, Independent Circuits, Add	*2,262.78*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,794.14	3,865.79
		For Flat Filter Box And Throwaway Filters, Add	*1,804.51*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,444.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,138.62*	
		For Manual Roll Filter, Add	*8,962.64*	
		For Automatic Roll Filter, Add	*9,727.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,373.82*	
		For Electric Heating Coil, Add	*7,433.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,433.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,668.23*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,903.43*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,863.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,962.64*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,197.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,903.43*	
		For Variable Air Volume, Add	*2,141.45*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,499.62*	
		For 2 Coils, Independent Circuits, Add	*2,385.34*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,899.84	4,015.49
		For Flat Filter Box And Throwaway Filters, Add	*1,902.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,633.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,421.79*	
		For Manual Roll Filter, Add	*9,461.56*	
		For Automatic Roll Filter, Add	*10,269.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,613.84*	
		For Electric Heating Coil, Add	*7,845.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,845.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,037.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,229.75*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,134.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,461.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,653.60*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,229.75*	
		For Variable Air Volume, Add	*2,262.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,548.16*	
		For 2 Coils, Independent Circuits, Add	*2,513.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,075.56	4,169.93
		For Flat Filter Box And Throwaway Filters, Add	*2,010.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,843.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,735.78*	
		For Manual Roll Filter, Add	*10,021.05*	
		For Automatic Roll Filter, Add	*10,878.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,878.72*	
		For Electric Heating Coil, Add	*8,306.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,306.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,449.89*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,592.83*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,439.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,021.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,164.00*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,592.83*	
		For Variable Air Volume, Add	*2,399.75*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,586.89*	
		For 2 Coils, Independent Circuits, Add	*2,650.38*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,298.44	4,324.55
		For Flat Filter Box And Throwaway Filters, Add	*2,121.08*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,056.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,054.47*	
		For Manual Roll Filter, Add	*10,585.26*	
		For Automatic Roll Filter, Add	*11,491.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,148.32*	
		For Electric Heating Coil, Add	*8,772.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,772.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,866.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,960.63*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,745.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,585.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,679.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,960.63*	
		For Variable Air Volume, Add	*2,537.24*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,635.06*	
		For 2 Coils, Independent Circuits, Add	*2,792.31*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,101.25	4,636.21
		For Flat Filter Box And Throwaway Filters, Add	*2,378.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,558.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,828.65*	
		For Manual Roll Filter, Add	*11,309.24*	
		For Automatic Roll Filter, Add	*11,923.47*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,757.53*	
		For Electric Heating Coil, Add	*5,167.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,852.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,828.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,804.94*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*5,449.88*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,899.76*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,876.06*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,828.65*	
		For Variable Air Volume, Add	*2,866.37*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,894.75*	
		For 2 Coils, Independent Circuits, Add	*3,119.61*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	30,078.14	4,996.58
		For Flat Filter Box And Throwaway Filters, Add	*2,649.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,084.33*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,736.39*	
		For Manual Roll Filter, Add	*12,631.82*	
		For Automatic Roll Filter, Add	*13,319.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,299.25*	
		For Electric Heating Coil, Add	*5,757.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,882.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,736.39*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,590.68*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,086.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,173.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,027.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,736.39*	
		For Variable Air Volume, Add	*3,208.00*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,988.67*	
		For 2 Coils, Independent Circuits, Add	*3,466.10*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	33,335.79	5,353.74
		For Flat Filter Box And Throwaway Filters, Add	*2,950.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,672.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,754.05*	
		For Manual Roll Filter, Add	*14,119.97*	
		For Automatic Roll Filter, Add	*14,890.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,901.77*	
		For Electric Heating Coil, Add	*6,415.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,038.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,754.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,469.96*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,803.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,606.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,322.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,754.05*	
		For Variable Air Volume, Add	*3,595.46*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,074.43*	
		For 2 Coils, Independent Circuits, Add	*3,847.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	41,087.51	5,765.84
		For Flat Filter Box And Throwaway Filters, Add	*3,697.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,147.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,322.19*	
		For Manual Roll Filter, Add	*17,907.33*	
		For Automatic Roll Filter, Add	*18,892.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,394.13*	
		For Electric Heating Coil, Add	*8,051.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,964.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,322.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,679.51*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,625.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,250.26*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,607.57*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,322.19*	
		For Variable Air Volume, Add	*4,599.53*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,175.90*	
		For 2 Coils, Independent Circuits, Add	*4,765.83*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	45,924.23	6,154.18
		For Flat Filter Box And Throwaway Filters, Add	*4,153.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,042.77*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,877.18*	
		For Manual Roll Filter, Add	*20,190.82*	
		For Automatic Roll Filter, Add	*21,304.99*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,306.33*	
		For Electric Heating Coil, Add	*9,049.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,734.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,877.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,020.23*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,724.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,448.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,591.09*	
		For Hot Water Heating Coil, Copper Fins, Add	*13,877.18*	
		For Variable Air Volume, Add	*5,199.47*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,082.78*	
		For 2 Coils, Independent Circuits, Add	*5,335.20*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	50,321.54	6,627.14
		For Flat Filter Box And Throwaway Filters, Add	*4,559.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,834.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,246.88*	
		For Manual Roll Filter, Add	*22,192.89*	
		For Automatic Roll Filter, Add	*23,418.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,118.04*	
		For Electric Heating Coil, Add	*9,935.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,289.82*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,246.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,203.93*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,687.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,375.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,332.77*	
		For Hot Water Heating Coil, Copper Fins, Add	*15,246.88*	
		For Variable Air Volume, Add	*5,720.25*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,184.40*	
		For 2 Coils, Independent Circuits, Add	*5,849.33*	
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	55,216.95	7,378.99
		For Flat Filter Box And Throwaway Filters, Add	*5,007.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,706.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,755.66*	
		For Manual Roll Filter, Add	*24,394.76*	
		For Automatic Roll Filter, Add	*25,742.83*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,015.28*	
		For Electric Heating Coil, Add	*10,914.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,002.45*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,755.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,508.87*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,748.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,496.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,249.25*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,755.66*	
		For Variable Air Volume, Add	*6,291.02*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,307.16*	
		For 2 Coils, Independent Circuits, Add	*6,420.41*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	59,436.38	7,633.42
		For Flat Filter Box And Throwaway Filters, Add	*5,398.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,470.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,077.81*	
		For Manual Roll Filter, Add	*26,329.04*	
		For Automatic Roll Filter, Add	*27,785.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,797.31*	
		For Electric Heating Coil, Add	*11,768.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,504.64*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,077.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,650.97*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,679.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,358.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*22,931.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,077.81*	
		For Variable Air Volume, Add	*6,795.14*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,399.96*	
		For 2 Coils, Independent Circuits, Add	*6,914.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	64,109.96	8,165.90
		For Flat Filter Box And Throwaway Filters, Add	*5,825.76*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,300.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,512.33*	
		For Manual Roll Filter, Add	*28,421.23*	
		For Automatic Roll Filter, Add	*29,993.39*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,651.53*	
		For Electric Heating Coil, Add	*12,699.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,132.60*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,512.33*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,892.06*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*13,686.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,373.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,752.86*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,512.33*	
		For Variable Air Volume, Add	*7,336.75*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,293.08*	
		For 2 Coils, Independent Circuits, Add	*7,459.10*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	69,197.36	8,816.89
		For Flat Filter Box And Throwaway Filters, Add	*6,289.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,201.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,070.07*	
		For Manual Roll Filter, Add	*30,692.29*	
		For Automatic Roll Filter, Add	*32,390.33*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,579.87*	
		For Electric Heating Coil, Add	*13,711.90*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*23,900.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,070.07*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,240.00*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,780.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,560.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,730.20*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,070.07*	
		For Variable Air Volume, Add	*7,924.19*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,404.50*	
		For 2 Coils, Independent Circuits, Add	*8,051.76*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	72,085.08	9,231.02
		For Flat Filter Box And Throwaway Filters, Add	*6,550.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,705.88*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,939.14*	
		For Manual Roll Filter, Add	*31,955.97*	
		For Automatic Roll Filter, Add	*33,723.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,100.76*	
		For Electric Heating Coil, Add	*14,279.21*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,885.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,939.14*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,993.01*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,388.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,777.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,831.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,939.14*	
		For Variable Air Volume, Add	*8,249.15*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,475.32*	
		For 2 Coils, Independent Circuits, Add	*8,386.96*	
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	74,808.13	9,586.05
		For Flat Filter Box And Throwaway Filters, Add	*6,796.64*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,182.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,761.98*	
		For Manual Roll Filter, Add	*33,153.17*	
		For Automatic Roll Filter, Add	*34,986.91*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,593.28*	
		For Electric Heating Coil, Add	*14,815.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,818.21*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,761.98*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,705.75*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,965.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*31,930.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*28,874.45*	
		For Hot Water Heating Coil, Copper Fins, Add	*22,761.98*	
		For Variable Air Volume, Add	*8,557.45*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,540.43*	
		For 2 Coils, Independent Circuits, Add	*8,703.31*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	80,665.61	10,236.95
		For Flat Filter Box And Throwaway Filters, Add	*7,335.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,231.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,575.28*	
		For Manual Roll Filter, Add	*35,801.21*	
		For Automatic Roll Filter, Add	*37,782.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,670.05*	
		For Electric Heating Coil, Add	*15,990.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,877.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*24,575.28*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,273.54*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,240.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*34,480.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*31,178.77*	
		For Hot Water Heating Coil, Copper Fins, Add	*24,575.28*	
		For Variable Air Volume, Add	*9,244.88*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,658.84*	
		For 2 Coils, Independent Circuits, Add	*9,387.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	88,265.86	10,947.04
		For Flat Filter Box And Throwaway Filters, Add	*8,043.87*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,618.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*26,979.48*	
		For Manual Roll Filter, Add	*39,323.45*	
		For Automatic Roll Filter, Add	*41,501.80*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,087.75*	
		For Electric Heating Coil, Add	*17,539.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,610.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*26,979.48*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,348.90*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*18,935.61*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*37,871.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*34,240.64*	
		For Hot Water Heating Coil, Copper Fins, Add	*26,979.48*	
		For Variable Air Volume, Add	*10,165.62*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,465.43*	
		For 2 Coils, Independent Circuits, Add	*10,278.82*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	96,779.37	11,834.63
		For Flat Filter Box And Throwaway Filters, Add	*8,832.61*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,158.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,646.12*	
		For Manual Roll Filter, Add	*43,224.49*	
		For Automatic Roll Filter, Add	*45,620.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,665.21*	
		For Electric Heating Coil, Add	*19,262.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,639.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,646.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,652.49*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,813.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,627.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*37,633.40*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,646.12*	
		For Variable Air Volume, Add	*11,182.19*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,590.66*	
		For 2 Coils, Independent Circuits, Add	*11,275.39*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	106,254.61	12,840.58
		For Flat Filter Box And Throwaway Filters, Add	*9,706.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,861.95*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,594.93*	
		For Manual Roll Filter, Add	*47,534.17*	
		For Automatic Roll Filter, Add	*50,170.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,413.25*	
		For Electric Heating Coil, Add	*21,170.81*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,988.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,594.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,201.04*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,888.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,776.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,382.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,594.93*	
		For Variable Air Volume, Add	*12,302.90*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,737.67*	
		For 2 Coils, Independent Circuits, Add	*12,383.02*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,282.48	1,064.95
		For Economizer, Panel, Controls And Damper(s), Add	*1,704.74*	
		For Flat Filter Box And Throwaway Filters, Add	*552.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,058.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,342.46*	
		For Manual Roll Filter, Add	*2,770.89*	
		For Automatic Roll Filter, Add	*2,770.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*628.25*	
		For Electric Heating Coil, Add	*723.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,294.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,294.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,770.89*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,770.89*	
		For 2 Coils, Independent Circuits, Add	*723.48*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,828.05	1,334.18
		For Economizer, Panel, Controls And Damper(s), Add	*1,974.23*	
		For Flat Filter Box And Throwaway Filters, Add	*687.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,317.82*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,671.11*	
		For Manual Roll Filter, Add	*3,447.71*	
		For Automatic Roll Filter, Add	*3,447.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*782.81*	
		For Electric Heating Coil, Add	*901.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,855.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,855.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,447.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,447.71*	
		For 2 Coils, Independent Circuits, Add	*901.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,706.17	1,419.99
		For Economizer, Panel, Controls And Damper(s), Add	*2,059.87*	
		For Flat Filter Box And Throwaway Filters, Add	*869.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,677.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,122.28*	
		For Manual Roll Filter, Add	*4,425.62*	
		For Automatic Roll Filter, Add	*4,425.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*970.62*	
		For Electric Heating Coil, Add	*1,124.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,657.84*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,657.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,425.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,425.62*	
		For 2 Coils, Independent Circuits, Add	*1,124.17*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,087.54	1,520.58
		For Economizer, Panel, Controls And Damper(s), Add	*2,160.18*	
		For Flat Filter Box And Throwaway Filters, Add	*900.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,735.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,196.13*	
		For Manual Roll Filter, Add	*4,570.89*	
		For Automatic Roll Filter, Add	*4,570.89*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,008.75*	
		For Electric Heating Coil, Add	*1,167.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,779.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,779.30*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,570.89*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,570.89*	
		For 2 Coils, Independent Circuits, Add	*1,167.07*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,821.80	1,630.05
		For Economizer, Panel, Controls And Damper(s), Add	*2,270.11*	
		For Flat Filter Box And Throwaway Filters, Add	*1,065.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,061.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,606.14*	
		For Manual Roll Filter, Add	*5,454.06*	
		For Automatic Roll Filter, Add	*5,454.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,182.18*	
		For Electric Heating Coil, Add	*1,372.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,504.75*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,504.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,454.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,454.06*	
		For 2 Coils, Independent Circuits, Add	*1,372.04*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,462.81	1,745.61
		For Economizer, Panel, Controls And Damper(s), Add	*2,385.52*	
		For Flat Filter Box And Throwaway Filters, Add	*1,121.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,168.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,741.66*	
		For Manual Roll Filter, Add	*5,732.43*	
		For Automatic Roll Filter, Add	*5,732.43*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,246.28*	
		For Electric Heating Coil, Add	*1,445.67*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,735.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,735.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,732.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,732.43*	
		For 2 Coils, Independent Circuits, Add	*1,445.67*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,137.57	1,863.87
		For Economizer, Panel, Controls And Damper(s), Add	*2,503.72*	
		For Flat Filter Box And Throwaway Filters, Add	*1,180.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,281.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,885.02*	
		For Manual Roll Filter, Add	*6,027.56*	
		For Automatic Roll Filter, Add	*6,027.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,313.76*	
		For Electric Heating Coil, Add	*1,523.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,980.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,980.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,027.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,027.56*	
		For 2 Coils, Independent Circuits, Add	*1,523.26*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,665.29	2,000.06
		For Economizer, Panel, Controls And Damper(s), Add	*2,318.07*	
		For Flat Filter Box And Throwaway Filters, Add	*1,323.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,562.42*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,238.67*	
		For Manual Roll Filter, Add	*6,782.95*	
		For Automatic Roll Filter, Add	*6,782.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,466.53*	
		For Electric Heating Coil, Add	*1,702.81*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,601.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,601.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,782.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,782.95*	
		For 2 Coils, Independent Circuits, Add	*1,702.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,034.89	2,141.90
		For Economizer, Panel, Controls And Damper(s), Add	*2,433.02*	
		For Flat Filter Box And Throwaway Filters, Add	*1,450.49*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,809.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,549.72*	
		For Manual Roll Filter, Add	*7,442.18*	
		For Automatic Roll Filter, Add	*7,442.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,603.49*	
		For Electric Heating Coil, Add	*1,862.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,144.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,144.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,442.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,442.18*	
		For 2 Coils, Independent Circuits, Add	*1,862.99*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,949.75	2,287.63
		For Economizer, Panel, Controls And Damper(s), Add	*2,543.37*	
		For Flat Filter Box And Throwaway Filters, Add	*1,531.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,966.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,748.34*	
		For Manual Roll Filter, Add	*7,855.06*	
		For Automatic Roll Filter, Add	*7,855.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,694.98*	
		For Electric Heating Coil, Add	*1,968.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,486.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,486.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,855.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,855.06*	
		For 2 Coils, Independent Circuits, Add	*1,968.76*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	18,699.88	2,444.02
		For Economizer, Panel, Controls And Damper(s), Add	*2,671.21*	
		For Flat Filter Box And Throwaway Filters, Add	*1,695.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,285.87*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,151.00*	
		For Manual Roll Filter, Add	*8,713.03*	
		For Automatic Roll Filter, Add	*8,713.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,869.99*	
		For Electric Heating Coil, Add	*2,174.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,192.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,192.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,713.03*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,713.03*	
		For 2 Coils, Independent Circuits, Add	*2,174.12*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,895.32	2,615.63
		For Economizer, Panel, Controls And Damper(s), Add	*2,804.95*	
		For Flat Filter Box And Throwaway Filters, Add	*1,802.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,493.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,413.39*	
		For Manual Roll Filter, Add	*9,261.10*	
		For Automatic Roll Filter, Add	*9,261.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,989.53*	
		For Electric Heating Coil, Add	*2,312.71*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,645.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,645.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,261.10*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,261.10*	
		For 2 Coils, Independent Circuits, Add	*2,312.71*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,820.38	2,840.32
		For Economizer, Panel, Controls And Damper(s), Add	*2,979.89*	
		For Flat Filter Box And Throwaway Filters, Add	*1,979.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,837.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,846.94*	
		For Manual Roll Filter, Add	*10,176.75*	
		For Automatic Roll Filter, Add	*10,176.75*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,182.04*	
		For Electric Heating Coil, Add	*2,537.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,400.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,400.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,176.75*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,176.75*	
		For 2 Coils, Independent Circuits, Add	*2,537.36*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,444.05	3,059.34
		For Economizer, Panel, Controls And Damper(s), Add	*3,152.75*	
		For Flat Filter Box And Throwaway Filters, Add	*2,125.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,120.89*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,205.72*	
		For Manual Roll Filter, Add	*10,928.34*	
		For Automatic Roll Filter, Add	*10,928.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,344.41*	
		For Electric Heating Coil, Add	*2,725.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,020.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,020.80*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,928.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,928.34*	
		For 2 Coils, Independent Circuits, Add	*2,725.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	24,594.84	3,307.78
		For Economizer, Panel, Controls And Damper(s), Add	*2,826.37*	
		For Flat Filter Box And Throwaway Filters, Add	*2,223.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,305.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,441.32*	
		For Manual Roll Filter, Add	*11,404.99*	
		For Automatic Roll Filter, Add	*11,404.99*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,459.48*	
		For Electric Heating Coil, Add	*2,857.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,417.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,417.10*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,404.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,404.99*	
		For 2 Coils, Independent Circuits, Add	*2,857.06*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	27,300.13	3,567.97
		For Economizer, Panel, Controls And Damper(s), Add	*2,980.01*	
		For Flat Filter Box And Throwaway Filters, Add	*2,475.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,797.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,060.03*	
		For Manual Roll Filter, Add	*12,720.06*	
		For Automatic Roll Filter, Add	*12,720.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,730.01*	
		For Electric Heating Coil, Add	*3,174.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,500.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,500.05*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,720.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,720.06*	
		For 2 Coils, Independent Circuits, Add	*3,174.02*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	28,739.75	3,846.08
		For Economizer, Panel, Controls And Damper(s), Add	*3,139.24*	
		For Flat Filter Box And Throwaway Filters, Add	*2,599.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,033.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,360.22*	
		For Manual Roll Filter, Add	*13,332.72*	
		For Automatic Roll Filter, Add	*13,332.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,873.98*	
		For Electric Heating Coil, Add	*3,338.81*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,008.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,008.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,332.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,332.72*	
		For 2 Coils, Independent Circuits, Add	*3,338.81*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,334.41	4,165.79
		For Economizer, Panel, Controls And Damper(s), Add	*3,312.86*	
		For Flat Filter Box And Throwaway Filters, Add	*2,736.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,295.70*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,693.78*	
		For Manual Roll Filter, Add	*14,014.46*	
		For Automatic Roll Filter, Add	*14,014.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,033.44*	
		For Electric Heating Coil, Add	*3,521.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,574.23*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,574.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,014.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,014.46*	
		For 2 Coils, Independent Circuits, Add	*3,521.49*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,050.74	4,496.91
		For Economizer, Panel, Controls And Damper(s), Add	*3,108.51*	
		For Flat Filter Box And Throwaway Filters, Add	*2,883.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,574.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,048.43*	
		For Manual Roll Filter, Add	*14,735.14*	
		For Automatic Roll Filter, Add	*14,735.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,205.07*	
		For Electric Heating Coil, Add	*3,717.52*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,172.90*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,172.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,735.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,735.14*	
		For 2 Coils, Independent Circuits, Add	*3,717.52*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,947.57	4,668.77
		For Economizer, Panel, Controls And Damper(s), Add	*3,185.62*	
		For Flat Filter Box And Throwaway Filters, Add	*2,960.49*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,720.41*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,234.08*	
		For Manual Roll Filter, Add	*15,112.74*	
		For Automatic Roll Filter, Add	*15,112.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,294.76*	
		For Electric Heating Coil, Add	*3,820.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,486.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,486.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,112.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,112.74*	
		For 2 Coils, Independent Circuits, Add	*3,820.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	33,805.79	4,835.37
		For Economizer, Panel, Controls And Damper(s), Add	*3,251.14*	
		For Flat Filter Box And Throwaway Filters, Add	*3,035.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,863.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,415.88*	
		For Manual Roll Filter, Add	*15,486.48*	
		For Automatic Roll Filter, Add	*15,486.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,380.58*	
		For Electric Heating Coil, Add	*3,918.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,796.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,796.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,486.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*15,486.48*	
		For 2 Coils, Independent Circuits, Add	*3,918.62*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	38,272.76	5,029.72
		For Economizer, Panel, Controls And Damper(s), Add	*2,840.90*	
		For Flat Filter Box And Throwaway Filters, Add	*3,467.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,717.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,487.51*	
		For Manual Roll Filter, Add	*17,807.98*	
		For Automatic Roll Filter, Add	*17,807.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,827.28*	
		For Electric Heating Coil, Add	*4,448.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,701.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,701.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,807.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,807.98*	
		For 2 Coils, Independent Circuits, Add	*4,448.64*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	42,707.94	5,228.97
		For Economizer, Panel, Controls And Damper(s), Add	*3,042.86*	
		For Flat Filter Box And Throwaway Filters, Add	*3,897.12*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,570.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,555.97*	
		For Manual Roll Filter, Add	*20,126.31*	
		For Automatic Roll Filter, Add	*20,126.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,270.79*	
		For Electric Heating Coil, Add	*4,975.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,602.86*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,602.86*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,126.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,126.31*	
		For 2 Coils, Independent Circuits, Add	*4,975.48*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	49,186.63	5,426.18
		For Economizer, Panel, Controls And Damper(s), Add	*3,090.80*	
		For Flat Filter Box And Throwaway Filters, Add	*4,531.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,830.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,134.54*	
		For Manual Roll Filter, Add	*23,566.30*	
		For Automatic Roll Filter, Add	*23,566.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,918.66*	
		For Electric Heating Coil, Add	*5,747.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,422.38*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,422.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,566.30*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,566.30*	
		For 2 Coils, Independent Circuits, Add	*5,747.45*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	55,669.21	5,621.45
		For Economizer, Panel, Controls And Damper(s), Add	*3,139.43*	
		For Flat Filter Box And Throwaway Filters, Add	*5,165.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,090.55*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,713.51*	
		For Manual Roll Filter, Add	*27,006.69*	
		For Automatic Roll Filter, Add	*27,006.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,566.92*	
		For Electric Heating Coil, Add	*6,519.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,242.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,242.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,006.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,006.69*	
		For 2 Coils, Independent Circuits, Add	*6,519.80*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	62,538.56	6,094.84
		For Economizer, Panel, Controls And Damper(s), Add	*3,258.34*	
		For Flat Filter Box And Throwaway Filters, Add	*5,818.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,684.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,328.92*	
		For Manual Roll Filter, Add	*22,403.98*	
		For Automatic Roll Filter, Add	*27,787.36*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,253.86*	
		For Electric Heating Coil, Add	*7,330.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,403.98*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,403.98*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,637.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,787.36*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,787.36*	
		For 2 Coils, Independent Circuits, Add	*7,330.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	67,445.55	6,627.39
		For Economizer, Panel, Controls And Damper(s), Add	*3,177.37*	
		For Flat Filter Box And Throwaway Filters, Add	*6,273.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,363.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,449.02*	
		For Manual Roll Filter, Add	*24,153.48*	
		For Automatic Roll Filter, Add	*29,956.46*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,744.56*	
		For Electric Heating Coil, Add	*7,905.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,153.48*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*24,153.48*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,547.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,956.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,956.46*	
		For 2 Coils, Independent Circuits, Add	*7,905.15*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	80,575.72	7,159.69
		For Economizer, Panel, Controls And Damper(s), Add	*3,298.87*	
		For Flat Filter Box And Throwaway Filters, Add	*7,546.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,268.29*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,610.06*	
		For Manual Roll Filter, Add	*29,162.55*	
		For Automatic Roll Filter, Add	*36,197.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,057.57*	
		For Electric Heating Coil, Add	*9,464.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,162.55*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,162.55*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,092.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,197.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,197.54*	
		For 2 Coils, Independent Circuits, Add	*9,464.57*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	91,139.18	7,751.68
		For Economizer, Panel, Controls And Damper(s), Add	*3,423.72*	
		For Flat Filter Box And Throwaway Filters, Add	*8,561.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,786.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,126.08*	
		For Manual Roll Filter, Add	*33,138.24*	
		For Automatic Roll Filter, Add	*41,146.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,113.92*	
		For Electric Heating Coil, Add	*10,715.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,138.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*33,138.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,122.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,146.34*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,146.34*	
		For 2 Coils, Independent Circuits, Add	*10,715.54*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	98,790.83	8,343.67
		For Economizer, Panel, Controls And Damper(s), Add	*3,553.71*	
		For Flat Filter Box And Throwaway Filters, Add	*9,282.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,864.64*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*22,909.00*	
		For Manual Roll Filter, Add	*35,938.91*	
		For Automatic Roll Filter, Add	*44,625.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,879.08*	
		For Electric Heating Coil, Add	*11,616.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*35,938.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,938.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,565.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*44,625.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*44,625.52*	
		For 2 Coils, Independent Circuits, Add	*11,616.40*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	110,352.68	9,763.32
		For Economizer, Panel, Controls And Damper(s), Add	*3,571.75*	
		For Flat Filter Box And Throwaway Filters, Add	*10,338.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,438.18*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,498.07*	
		For Manual Roll Filter, Add	*39,960.87*	
		For Automatic Roll Filter, Add	*49,602.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,035.27*	
		For Electric Heating Coil, Add	*12,963.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*39,960.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,960.87*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,677.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*49,602.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,602.74*	
		For 2 Coils, Independent Circuits, Add	*12,963.64*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	110,873.84	10,118.61
		For Economizer, Panel, Controls And Damper(s), Add	*3,636.90*	
		For Flat Filter Box And Throwaway Filters, Add	*10,364.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,474.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,550.18*	
		For Manual Roll Filter, Add	*40,012.99*	
		For Automatic Roll Filter, Add	*49,654.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,087.38*	
		For Electric Heating Coil, Add	*13,015.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,012.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*40,012.99*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,729.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*49,654.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,654.85*	
		For 2 Coils, Independent Circuits, Add	*13,015.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	115,977.84	10,473.31
		For Economizer, Panel, Controls And Damper(s), Add	*3,702.04*	
		For Flat Filter Box And Throwaway Filters, Add	*10,848.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,198.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*26,748.01*	
		For Manual Roll Filter, Add	*41,898.24*	
		For Automatic Roll Filter, Add	*51,998.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,597.78*	
		For Electric Heating Coil, Add	*13,617.81*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*41,898.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*41,898.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,697.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*51,998.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*51,998.40*	
		For 2 Coils, Independent Circuits, Add	*13,617.81*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	121,307.59	11,242.90
		For Economizer, Panel, Controls And Damper(s), Add	*3,836.32*	
		For Flat Filter Box And Throwaway Filters, Add	*11,328.23*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,912.09*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,919.32*	
		For Manual Roll Filter, Add	*43,707.87*	
		For Automatic Roll Filter, Add	*54,233.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,130.76*	
		For Electric Heating Coil, Add	*14,235.90*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,707.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,707.87*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,656.46*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*54,233.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,233.58*	
		For 2 Coils, Independent Circuits, Add	*14,235.90*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	130,778.44	11,834.63
		For Economizer, Panel, Controls And Damper(s), Add	*3,933.98*	
		For Flat Filter Box And Throwaway Filters, Add	*12,236.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,270.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,169.84*	
		For Manual Roll Filter, Add	*47,261.83*	
		For Automatic Roll Filter, Add	*58,656.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,077.84*	
		For Electric Heating Coil, Add	*15,356.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,261.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,261.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,472.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,656.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,656.50*	
		For 2 Coils, Independent Circuits, Add	*15,356.78*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	140,614.39	12,485.54
		For Economizer, Panel, Controls And Damper(s), Add	*3,685.91*	
		For Flat Filter Box And Throwaway Filters, Add	*13,168.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,663.43*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,474.73*	
		For Manual Roll Filter, Add	*50,888.01*	
		For Automatic Roll Filter, Add	*63,163.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,061.44*	
		For Electric Heating Coil, Add	*16,516.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*50,888.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*50,888.01*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,336.96*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*63,163.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*63,163.54*	
		For 2 Coils, Independent Circuits, Add	*16,516.54*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	151,501.02	13,254.79
		For Economizer, Panel, Controls And Damper(s), Add	*3,792.54*	
		For Flat Filter Box And Throwaway Filters, Add	*14,203.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,211.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,036.45*	
		For Manual Roll Filter, Add	*54,922.80*	
		For Automatic Roll Filter, Add	*68,180.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,150.10*	
		For Electric Heating Coil, Add	*17,801.62*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*54,922.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*54,922.80*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,407.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,180.37*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,180.37*	
		For 2 Coils, Independent Circuits, Add	*17,801.62*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	162,607.69	13,609.83
		For Economizer, Panel, Controls And Damper(s), Add	*3,840.81*	
		For Flat Filter Box And Throwaway Filters, Add	*15,290.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,838.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*37,740.70*	
		For Manual Roll Filter, Add	*59,220.64*	
		For Automatic Roll Filter, Add	*73,540.60*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,260.77*	
		For Electric Heating Coil, Add	*19,124.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*59,220.64*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*59,220.64*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,580.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*73,540.60*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*73,540.60*	
		For 2 Coils, Independent Circuits, Add	*19,124.76*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0088			Return/Supply Air Fan *(23 73 13)* Note: Includes vibration mounts.		
23 73 13 00-0089		EA	300 CFM Return Air Fan	2,713.91	473.30
23 73 13 00-0090		EA	500 CFM Return Air Fan	3,526.46	567.98
23 73 13 00-0091		EA	750 CFM Return Air Fan	3,683.78	591.64
23 73 13 00-0092		EA	1,000 CFM Return Air Fan	4,212.41	627.15
23 73 13 00-0093		EA	1,250 CFM Return Air Fan	4,338.99	656.74
23 73 13 00-0094		EA	1,500 CFM Return Air Fan	4,437.37	686.32
23 73 13 00-0095		EA	1,750 CFM Return Air Fan	4,656.83	721.83
23 73 13 00-0096		EA	2,000 CFM Return Air Fan	5,185.43	757.33
23 73 13 00-0097		EA	2,250 CFM Return Air Fan	5,432.93	792.84
23 73 13 00-0098		EA	2,500 CFM Return Air Fan	5,567.99	828.34
23 73 13 00-0099		EA	3,000 CFM Return Air Fan	5,891.30	917.10
23 73 13 00-0100		EA	3,500 CFM Return Air Fan	6,043.41	964.44
23 73 13 00-0101		EA	4,000 CFM Return Air Fan	6,186.86	1,005.86
23 73 13 00-0102		EA	4,500 CFM Return Air Fan	6,367.08	1,053.28
23 73 13 00-0103		EA	5,000 CFM Return Air Fan	6,527.37	1,106.54
23 73 13 00-0104		EA	5,500 CFM Return Air Fan	6,825.63	1,236.72
23 73 13 00-0105		EA	6,000 CFM Return Air Fan	7,745.52	1,467.49
23 73 13 00-0106		EA	6,500 CFM Return Air Fan	7,948.49	1,491.17
23 73 13 00-0107		EA	7,000 CFM Return Air Fan	8,040.90	1,497.08
23 73 13 00-0108		EA	8,000 CFM Return Air Fan	8,468.73	1,520.75
23 73 13 00-0109		EA	9,000 CFM Return Air Fan	8,659.95	1,538.50
23 73 13 00-0110		EA	10,000 CFM Return Air Fan	9,112.80	1,597.93
23 73 13 00-0111		EA	12,500 CFM Return Air Fan	9,715.71	1,627.17
23 73 13 00-0112		EA	15,000 CFM Return Air Fan	10,991.63	1,673.41
23 73 13 00-0113		EA	17,500 CFM Return Air Fan	11,991.20	1,763.27
23 73 13 00-0114		EA	20,000 CFM Return Air Fan	14,293.15	1,840.03
23 73 13 00-0115		EA	22,500 CFM Return Air Fan	14,980.90	1,904.19
23 73 13 00-0116		EA	25,000 CFM Return Air Fan	15,666.83	1,958.63
23 73 13 00-0117		EA	27,500 CFM Return Air Fan	16,595.51	2,153.90
23 73 13 00-0118		EA	30,000 CFM Return Air Fan	17,747.52	2,272.08
23 73 13 00-0119		EA	35,000 CFM Return Air Fan	20,047.94	2,366.67
23 73 13 00-0120		EA	40,000 CFM Return Air Fan	23,646.68	2,603.36
23 73 13 00-0121		EA	45,000 CFM Return Air Fan	29,128.20	2,958.41
23 73 13 00-0122		EA	50,000 CFM Return Air Fan	35,520.93	3,065.17
23 73 13 00-0123		EA	55,000 CFM Return Air Fan	37,189.22	3,153.68
23 73 13 00-0124		EA	60,000 CFM Return Air Fan	38,043.14	3,236.52
23 73 13 00-0125		EA	65,000 CFM Return Air Fan	39,899.33	3,378.45
23 73 13 00-0126		EA	70,000 CFM Return Air Fan	41,908.28	3,544.81
23 73 13 00-0127		EA	75,000 CFM Return Air Fan	45,085.94	3,718.69
23 73 13 00-0128		EA	80,000 CFM Return Air Fan	47,082.05	3,915.83
23 73 13 00-0129		EA	90,000 CFM Return Air Fan	48,603.78	4,138.82
23 73 13 00-0130		EA	100,000 CFM Return Air Fan	52,274.73	4,328.27
23 73 13 00-0131		EA	115,000 CFM Return Air Fan	56,252.62	4,535.29
23 73 13 00-0132		EA	130,000 CFM Return Air Fan	60,569.44	4,763.78
23 73 13 00-0133		EA	150,000 CFM Return Air Fan	66,297.97	5,017.54
23 73 13 00-0134			Removal And Reinstallation Of Air Handling Unit *(23 73 13)* Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135		EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	2,167.52	
23 73 13 00-0136		EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	2,940.28	
23 73 13 00-0137		EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	3,657.68	
23 73 13 00-0138		EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	6,673.67	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 00-0001			Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16)* Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 10.3 EER, >11 to 19 tons have 9.7 EER, >19 to 63 tons have 9.5 EER and >63 tons have 9.2 EER. Excludes crane and associated personnel. See CSI section 26 28 16 00-0001 for disconnects.		
23 74 16 00-0002		EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	3,343.74	298.41
			For Unit Without Heat, Deduct	*-412.04*	
			For Unit Economizer, Add	*389.31*	
			For Equipment Base Roof Curbs, Add	*265.70*	
23 74 16 00-0003		EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	4,913.30	400.72
			For Unit Without Heat, Deduct	*-618.06*	
			For Unit Economizer, Add	*573.74*	
			For Equipment Base Roof Curbs, Add	*388.32*	
23 74 16 00-0004		EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	6,112.79	460.40
			For Unit Without Heat, Deduct	*-778.80*	
			For Unit Economizer, Add	*715.12*	
			For Equipment Base Roof Curbs, Add	*481.48*	
23 74 16 00-0005		EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	7,487.52	494.51
			For Unit Without Heat, Deduct	*-973.50*	
			For Unit Economizer, Add	*878.55*	
			For Equipment Base Roof Curbs, Add	*586.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0006	EA	7-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	10,294.43	562.71
		For Unit Without Heat, Deduct	*-1,375.35*	
		For Unit Economizer, Add	*1,212.82*	
		For Equipment Base Roof Curbs, Add	*800.22*	
23 74 16 00-0007	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	14,731.95	630.92
		For Unit Without Heat, Deduct	*-1,833.80*	
		For Unit Economizer, Add	*1,717.70*	
		For Equipment Base Roof Curbs, Add	*1,167.56*	
23 74 16 00-0008	EA	12-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	17,933.22	665.02
		For Unit Without Heat, Deduct	*-2,292.25*	
		For Unit Economizer, Add	*2,098.96*	
		For Equipment Base Roof Curbs, Add	*1,411.28*	
23 74 16 00-0009	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	21,270.91	733.23
		For Unit Without Heat, Deduct	*-2,750.70*	
		For Unit Economizer, Add	*2,493.85*	
		For Equipment Base Roof Curbs, Add	*1,668.64*	
23 74 16 00-0010	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	26,292.05	835.54
		For Unit Without Heat, Deduct	*-3,441.20*	
		For Unit Economizer, Add	*3,088.03*	
		For Equipment Base Roof Curbs, Add	*2,055.67*	
23 74 16 00-0011	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	32,717.99	1,014.58
		For Unit Without Heat, Deduct	*-4,301.51*	
		For Unit Economizer, Add	*3,845.33*	
		For Equipment Base Roof Curbs, Add	*2,554.88*	
23 74 16 00-0012	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	39,152.45	1,185.11
		For Unit Without Heat, Deduct	*-5,161.81*	
		For Unit Economizer, Add	*4,603.49*	
		For Equipment Base Roof Curbs, Add	*3,054.94*	
23 74 16 00-0013	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	45,723.34	1,398.25
		For Unit Without Heat, Deduct	*-6,022.11*	
		For Unit Economizer, Add	*5,375.28*	
		For Equipment Base Roof Curbs, Add	*3,568.65*	
23 74 16 00-0014	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	49,207.41	1,585.82
		For Unit Without Heat, Deduct	*-6,429.62*	
		For Unit Economizer, Add	*5,778.02*	
		For Equipment Base Roof Curbs, Add	*3,849.14*	
23 74 16 00-0015	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	60,554.36	1,747.82
		For Unit Without Heat, Deduct	*-8,037.02*	
		For Unit Economizer, Add	*7,127.04*	
		For Equipment Base Roof Curbs, Add	*4,715.93*	
23 74 16 00-0016	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	69,046.32	2,088.85
		For Unit Without Heat, Deduct	*-9,101.08*	
		For Unit Economizer, Add	*8,118.11*	
		For Equipment Base Roof Curbs, Add	*5,387.79*	
23 74 16 00-0017	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	79,994.17	2,302.00
		For Unit Without Heat, Deduct	*-10,617.93*	
		For Unit Economizer, Add	*9,415.14*	
		For Equipment Base Roof Curbs, Add	*6,229.76*	
23 74 16 00-0018	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	85,227.18	2,438.42
		For Unit Without Heat, Deduct	*-11,319.75*	
		For Unit Economizer, Add	*10,032.02*	
		For Equipment Base Roof Curbs, Add	*6,636.09*	

23 74 16 00-0019 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16)*

Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 11.2 EER, >11 to 20 tons have 11 EER, >20 to 63 tons have 10 EER and >63 tons have 9.7 EER. Excludes crane and associated personnel.

23 74 16 00-0020	EA	2 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit	4,113.69	153.47
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-189.91*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-75.96*	
		For Unit Economizer, Add	*487.33*	
		For Equipment Base Roof Curb, Add	*316.41*	
23 74 16 00-0021	EA	3 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit	3,999.13	179.05
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-182.05*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-72.82*	
		For Unit Economizer, Add	*472.73*	
		For Equipment Base Roof Curb, Add	*308.89*	
23 74 16 00-0022	EA	4 Ton Electric Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit	4,681.65	187.57
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-215.75*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-86.30*	
		For Unit Economizer, Add	*554.47*	
		For Equipment Base Roof Curb, Add	*360.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0023	EA	5 Ton Electric Cooling, 100 MBH Gas Heating, Self Contained Package Rooftop Unit	5,278.83	230.20
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-240.92*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-96.37*	
		For Unit Economizer, Add	*624.25*	
		For Equipment Base Roof Curb, Add	*407.42*	
23 74 16 00-0024	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	6,092.21	247.25
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-279.89*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-111.95*	
		For Unit Economizer, Add	*721.18*	
		For Equipment Base Roof Curb, Add	*469.28*	
23 74 16 00-0025	EA	7.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	7,771.99	264.31
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-362.17*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-144.87*	
		For Unit Economizer, Add	*922.07*	
		For Equipment Base Roof Curb, Add	*596.11*	
23 74 16 00-0026	EA	8.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	8,657.86	272.83
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-405.61*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-162.24*	
		For Unit Economizer, Add	*1,028.03*	
		For Equipment Base Roof Curb, Add	*662.98*	
23 74 16 00-0027	EA	10 Ton Electric Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit	9,179.74	281.35
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-431.28*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-172.51*	
		For Unit Economizer, Add	*1,090.49*	
		For Equipment Base Roof Curb, Add	*702.34*	
23 74 16 00-0028	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	12,233.01	349.57
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-576.69*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-230.68*	
		For Unit Economizer, Add	*1,453.98*	
		For Equipment Base Roof Curb, Add	*934.95*	
23 74 16 00-0029	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	15,203.18	417.77
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-718.38*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-287.35*	
		For Unit Economizer, Add	*1,807.67*	
		For Equipment Base Roof Curb, Add	*1,161.13*	
23 74 16 00-0030	EA	18 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	18,115.11	485.98
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-857.58*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-343.03*	
		For Unit Economizer, Add	*2,154.54*	
		For Equipment Base Roof Curb, Add	*1,382.72*	
23 74 16 00-0031	EA	20 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	21,045.51	545.66
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-997.28*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-398.91*	
		For Unit Economizer, Add	*2,503.46*	
		For Equipment Base Roof Curb, Add	*1,605.91*	
23 74 16 00-0032	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	21,597.45	699.13
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,009.96*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-403.98*	
		For Unit Economizer, Add	*2,563.73*	
		For Equipment Base Roof Curb, Add	*1,654.77*	
23 74 16 00-0033	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	22,495.99	852.59
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,039.54*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-415.82*	
		For Unit Economizer, Add	*2,665.42*	
		For Equipment Base Roof Curb, Add	*1,729.83*	
23 74 16 00-0034	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	30,857.49	1,023.11
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,440.99*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-576.40*	
		For Unit Economizer, Add	*3,662.14*	
		For Equipment Base Roof Curb, Add	*2,365.25*	
23 74 16 00-0035	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	37,969.76	1,278.89
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,770.60*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-708.24*	
		For Unit Economizer, Add	*4,505.22*	
		For Equipment Base Roof Curb, Add	*2,911.68*	
23 74 16 00-0036	EA	60 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	44,192.05	1,389.72
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,070.63*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-828.25*	
		For Unit Economizer, Add	*5,247.46*	
		For Equipment Base Roof Curb, Add	*3,383.89*	
23 74 16 00-0037	EA	80 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	63,189.30	1,671.09
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,992.78*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,197.11*	
		For Unit Economizer, Add	*7,516.04*	
		For Equipment Base Roof Curb, Add	*4,822.54*	
23 74 16 00-0038	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	74,143.79	1,747.82
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,532.83*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,413.13*	
		For Unit Economizer, Add	*8,827.51*	
		For Equipment Base Roof Curb, Add	*5,647.96*	
23 74 16 00-0039	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	79,803.86	1,918.33
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,798.36*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,519.34*	
		For Unit Economizer, Add	*9,499.73*	
		For Equipment Base Roof Curb, Add	*6,081.21*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0040		Gas Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16)*			
		Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, >11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER. Excludes crane and associated personnel.			
23 74 16 00-0041	EA	2 Ton Gas Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit		4,157.08	230.20
		For Unit Economizer, Add		*492.54*	
		For Equipment Base Roof Curb, Add		*319.67*	
23 74 16 00-0042	EA	3 Ton Gas Cooling, 90 MBH Gas Heating, Self Contained Package Rooftop Unit		4,478.18	264.31
		For Unit Economizer, Add		*530.22*	
		For Equipment Base Roof Curb, Add		*344.82*	
23 74 16 00-0043	EA	4 Ton Gas Cooling, 110 MBH Gas Heating, Self Contained Package Rooftop Unit		4,859.47	272.83
		For Unit Economizer, Add		*575.80*	
		For Equipment Base Roof Curb, Add		*373.63*	
23 74 16 00-0044	EA	5 Ton Gas Cooling, 112 MBH Gas Heating, Self Contained Package Rooftop Unit		5,400.57	341.04
		For Unit Economizer, Add		*638.86*	
		For Equipment Base Roof Curb, Add		*416.55*	
23 74 16 00-0045	EA	6 Ton Gas Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit		7,665.04	366.61
		For Unit Economizer, Add		*909.91*	
		For Equipment Base Roof Curb, Add		*587.24*	
23 74 16 00-0046	EA	7.5 Ton Gas Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit		9,928.75	392.19
		For Unit Economizer, Add		*1,180.88*	
		For Equipment Base Roof Curb, Add		*757.87*	
23 74 16 00-0047	EA	10 Ton Gas Cooling, 270 MBH Gas Heating, Self Contained Package Rooftop Unit		13,888.04	417.77
		For Unit Economizer, Add		*1,655.48*	
		For Equipment Base Roof Curb, Add		*1,055.46*	
23 74 16 00-0048	EA	12.5 Ton Gas Cooling, 335 MBH Gas Heating, Self Contained Package Rooftop Unit		15,953.04	520.08
		For Unit Economizer, Add		*1,900.38*	
		For Equipment Base Roof Curb, Add		*1,213.96*	
23 74 16 00-0049	EA	15 Ton Gas Cooling, 375 MBH Gas Heating, Self Contained Package Rooftop Unit		18,006.63	622.39
		For Unit Economizer, Add		*2,144.08*	
		For Equipment Base Roof Curb, Add		*1,371.39*	
23 74 16 00-0050	EA	18 Ton Gas Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit		23,474.47	724.71
		For Unit Economizer, Add		*2,797.67*	
		For Equipment Base Roof Curb, Add		*1,784.67*	
23 74 16 00-0051	EA	20 Ton Gas Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit		28,947.23	818.49
		For Unit Economizer, Add		*3,451.67*	
		For Equipment Base Roof Curb, Add		*2,198.54*	
23 74 16 00-0052	EA	25 Ton Gas Cooling, 525 MBH Gas Heating, Self Contained Package Rooftop Unit		34,551.98	1,048.69
		For Unit Economizer, Add		*4,118.27*	
		For Equipment Base Roof Curb, Add		*2,626.35*	
23 74 16 00-0053	EA	30 Ton Gas Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit		40,910.79	1,278.89
		For Unit Economizer, Add		*4,875.19*	
		For Equipment Base Roof Curb, Add		*3,110.94*	
23 74 16 00-0054	EA	40 Ton Gas Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit		53,083.93	1,526.14
		For Unit Economizer, Add		*6,329.32*	
		For Equipment Base Roof Curb, Add		*4,032.24*	
23 74 16 00-0055	EA	50 Ton Gas Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit		64,567.53	1,918.33
		For Unit Economizer, Add		*7,696.95*	
		For Equipment Base Roof Curb, Add		*4,906.51*	
23 74 16 00-0056	EA	60 Ton Gas Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit		72,946.09	2,088.85
		For Unit Economizer, Add		*8,697.94*	
		For Equipment Base Roof Curb, Add		*5,540.44*	
23 74 16 00-0057	EA	80 Ton Gas Cooling, 1,300 MBH Gas Heating, Self Contained Package Rooftop Unit		119,985.66	2,498.10
		For Unit Economizer, Add		*14,331.61*	
		For Equipment Base Roof Curb, Add		*9,082.27*	
23 74 16 00-0058	EA	90 Ton Gas Cooling, 1,500 MBH Gas Heating, Self Contained Package Rooftop Unit		141,189.12	2,617.45
		For Unit Economizer, Add		*16,872.95*	
		For Equipment Base Roof Curb, Add		*10,676.36*	
23 74 16 00-0059	EA	100 Ton Gas Cooling, 1,700 MBH Gas Heating, Self Contained Package Rooftop Unit		151,888.27	2,873.23
		For Unit Economizer, Add		*18,149.86*	
		For Equipment Base Roof Curb, Add		*11,487.54*	
23 74 16 00-0060		AAON Rooftop Units *(23 74 16)*			
		Note: The minimum EER for units 5 to 10 tons is 11.2, >10 to 20 tons is 11.0, and >20 is 10.0. See CSI section 26 28 16 00-0001 for disconnects.			
23 74 16 00-0061		AAON RQ Rooftop Units *(23 74 16 00-0060)*			
		Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.			
23 74 16 00-0062	EA	2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)		5,581.63	170.52
		For Factory Installed And Wired Dry Bulb Economizer, Add		*662.50*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add		*718.77*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add		*565.89*	
		For Factory Installed Non-Fused Disconnect, Add		*647.64*	
		For Factory Installed Exhaust Fan, Add		*3,301.89*	
		For Hot Water Coil In Lieu Of Gas Heat, Add		*770.79*	
23 74 16 00-0063	EA	3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)		6,012.73	179.05
		For Factory Installed And Wired Dry Bulb Economizer, Add		*710.28*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add		*770.79*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add		*606.23*	
		For Factory Installed Non-Fused Disconnect, Add		*694.35*	
		For Factory Installed Exhaust Fan, Add		*3,301.89*	
		For Hot Water Coil In Lieu Of Gas Heat, Add		*770.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0064	EA	4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	6,124.28	187.57
		For Factory Installed And Wired Dry Bulb Economizer, Add	*710.28*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*770.79*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*606.23*	
		For Factory Installed Non-Fused Disconnect, Add	*694.35*	
		For Factory Installed Exhaust Fan, Add	*3,301.89*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*770.79*	
23 74 16 00-0065	EA	5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	6,225.21	204.62
		For Factory Installed And Wired Dry Bulb Economizer, Add	*710.28*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*770.79*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*606.23*	
		For Factory Installed Non-Fused Disconnect, Add	*694.35*	
		For Factory Installed Exhaust Fan, Add	*3,301.89*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*770.79*	
23 74 16 00-0066	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	6,810.27	213.15
		For Factory Installed And Wired Dry Bulb Economizer, Add	*710.28*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*770.79*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*606.23*	
		For Factory Installed Non-Fused Disconnect, Add	*694.35*	
		For Factory Installed Exhaust Fan, Add	*3,301.89*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*770.79*	

23 74 16 00-0067 AAON RNA Rooftop Units *(23 74 16 00-0060)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 00-0068	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	8,484.63	221.67
		For Factory Installed And Wired Dry Bulb Economizer, Add	*691.17*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,061.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*708.15*	
		For Factory Installed Non-Fused Disconnect, Add	*654.01*	
		For Factory Installed Exhaust Fan, Add	*1,763.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*600.92*	
23 74 16 00-0069	EA	7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	9,091.00	238.73
		For Factory Installed And Wired Dry Bulb Economizer, Add	*691.17*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,061.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*708.15*	
		For Factory Installed Non-Fused Disconnect, Add	*654.01*	
		For Factory Installed Exhaust Fan, Add	*1,763.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*600.92*	
23 74 16 00-0070	EA	8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	10,513.80	255.78
		For Factory Installed And Wired Dry Bulb Economizer, Add	*691.17*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,061.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*708.15*	
		For Factory Installed Non-Fused Disconnect, Add	*654.01*	
		For Factory Installed Exhaust Fan, Add	*1,763.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*600.92*	
23 74 16 00-0071	EA	10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	10,621.23	281.35
		For Factory Installed And Wired Dry Bulb Economizer, Add	*691.17*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,061.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*708.15*	
		For Factory Installed Non-Fused Disconnect, Add	*654.01*	
		For Factory Installed Exhaust Fan, Add	*1,763.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*600.92*	

23 74 16 00-0072 AAON RNB Rooftop Units *(23 74 16 00-0060)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 00-0073	EA	9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	12,824.26	281.35
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,018.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*796.28*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*1,681.73*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*604.11*	
23 74 16 00-0074	EA	11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011)	13,057.06	315.46
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,018.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*796.28*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*1,681.73*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*604.11*	
23 74 16 00-0075	EA	13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013)	14,206.08	349.57
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,018.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*796.28*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*1,681.73*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*604.11*	
23 74 16 00-0076	EA	15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015)	14,520.59	383.67
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,018.17*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*796.28*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*1,681.73*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*604.11*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0077		**AAON RNC Rooftop Units** *(23 74 16 00-0060)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 00-0078	EA	16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016)	19,145.62	417.77
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,503.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,061.70*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*3,084.24*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*274.98*	
23 74 16 00-0079	EA	18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018)	20,702.32	451.87
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,503.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,061.70*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*3,084.24*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*274.98*	
23 74 16 00-0080	EA	20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020)	21,943.75	485.98
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,503.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,061.70*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*3,084.24*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*274.98*	
23 74 16 00-0081	EA	25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025)	23,499.66	554.19
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,503.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,061.70*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*3,084.24*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*274.98*	
23 74 16 00-0082	EA	30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030)	26,529.20	630.92
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,503.37*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,061.70*	
		For Factory Installed Non-Fused Disconnect, Add	*631.71*	
		For Factory Installed Exhaust Fan, Add	*3,084.24*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*274.98*	
23 74 16 00-0083		**AAON RND Rooftop Units** *(23 74 16 00-0060)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 00-0084	EA	26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026)	36,868.59	699.13
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0085	EA	31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031)	41,858.03	767.33
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0086	EA	40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040)	48,726.98	869.65
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0087	EA	50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)	56,692.63	980.48
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0088	EA	60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)	61,720.58	1,082.79
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0089	EA	70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)	64,841.70	1,185.11
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,327.12*	
		For Factory Installed Non-Fused Disconnect, Add	*1,437.54*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,017.23*	
23 74 16 00-0090		**AAON RNE Rooftop Units** *(23 74 16 00-0060)* Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 00-0091	EA	55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)	60,894.30	1,321.52
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0092	EA	65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)	66,871.67	1,466.46
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0093	EA	75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)	71,082.35	1,602.87
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0094	EA	95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)	84,564.88	1,747.82
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0095	EA	105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)	91,069.13	1,918.33
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0096	EA	120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)	106,658.32	2,088.85
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0097	EA	130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)	109,053.78	2,267.90
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	
23 74 16 00-0098	EA	140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)	113,479.21	2,438.42
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,499.12*	
		For Factory Installed Non-Fused Disconnect, Add	*2,153.13*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,866.59*	

23 74 16 00-0099 Heating Only Packaged Rooftop Units *(23 74 16)*

Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel.

23 74 16 00-0100	EA	24 MBH Electric Heating Only Self Contained Package Rooftop Unit	2,178.61	264.31
		For Gas Heat, Add	*141.93*	
23 74 16 00-0101	EA	32 MBH Electric Heating Only Self Contained Package Rooftop Unit	2,568.87	306.93
		For Gas Heat, Add	*167.54*	
23 74 16 00-0102	EA	45 MBH Electric Heating Only Self Contained Package Rooftop Unit	3,470.92	315.46
		For Gas Heat, Add	*230.35*	
23 74 16 00-0103	EA	60 MBH Electric Heating Only Self Contained Package Rooftop Unit	4,042.91	400.72
		For Gas Heat, Add	*267.15*	
23 74 16 00-0104	EA	95 MBH Electric Heating Only Self Contained Package Rooftop Unit	4,780.80	460.40
		For Gas Heat, Add	*316.24*	
23 74 16 00-0105	EA	112 MBH Electric Heating Only Self Contained Package Rooftop Unit	5,397.53	494.51
		For Gas Heat, Add	*357.88*	
23 74 16 00-0106	EA	140 MBH Electric Heating Only Self Contained Package Rooftop Unit	6,424.69	537.13
		For Gas Heat, Add	*428.75*	
23 74 16 00-0107	EA	170 MBH Electric Heating Only Self Contained Package Rooftop Unit	8,256.90	554.19
		For Gas Heat, Add	*555.65*	
23 74 16 00-0108	EA	200 MBH Electric Heating Only Self Contained Package Rooftop Unit	11,028.31	630.92
		For Gas Heat, Add	*746.92*	
23 74 16 00-0109	EA	230 MBH Electric Heating Only Self Contained Package Rooftop Unit	12,958.25	699.13
		For Gas Heat, Add	*879.11*	
23 74 16 00-0110	EA	270 MBH Electric Heating Only Self Contained Package Rooftop Unit	17,047.18	852.59
		For Gas Heat, Add	*1,159.20*	
23 74 16 00-0111	EA	330 MBH Electric Heating Only Self Contained Package Rooftop Unit	21,332.70	1,023.11
		For Gas Heat, Add	*1,452.54*	
23 74 16 00-0112	EA	360 MBH Electric Heating Only Self Contained Package Rooftop Unit	26,612.77	1,278.89
		For Gas Heat, Add	*1,811.74*	
23 74 16 00-0113	EA	450 MBH Electric Heating Only Self Contained Package Rooftop Unit	32,189.45	1,398.25
		For Gas Heat, Add	*2,197.67*	
23 74 16 00-0114	EA	540 MBH Electric Heating Only Self Contained Package Rooftop Unit	41,498.63	1,671.09
		For Gas Heat, Add	*2,838.23*	

23 74 16 00-0115 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 00-0116 Packaged Rooftop Heat Pump Units *(23 74 16 00-0115)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 00-0117	EA	2 Ton Packaged Rooftop Heat Pump	5,278.17	349.57
		For Economizer With Outside Air Control, Add	*1,311.16*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*228.95*	
23 74 16 00-0118	EA	2.5 Ton Packaged Rooftop Heat Pump	5,522.08	366.61
		For Economizer With Outside Air Control, Add	*1,374.75*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*239.02*	
23 74 16 00-0119	EA	3 Ton Packaged Rooftop Heat Pump	5,824.82	400.72
		For Economizer With Outside Air Control, Add	*1,453.16*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*251.60*	
23 74 16 00-0120	EA	3.5 Ton Packaged Rooftop Heat Pump	6,254.62	426.30
		For Economizer With Outside Air Control, Add	*1,347.46*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*269.68*	
23 74 16 00-0121	EA	4 Ton Packaged Rooftop Heat Pump	6,675.88	460.40
		For Economizer With Outside Air Control, Add	*1,438.76*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*287.75*	
23 74 16 00-0122	EA	5 Ton Packaged Rooftop Heat Pump	7,156.81	494.51
		For Economizer With Outside Air Control, Add	*1,545.84*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*246.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 00-0123	EA	6 Ton Packaged Rooftop Heat Pump	8,108.83	528.61
		For Economizer With Outside Air Control, Add	*1,727.38*	
		For Economizer With Outside Air Control, Add	*1,304.28*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*211.55*	
23 74 16 00-0124	EA	7.5 Ton Packaged Rooftop Heat Pump	10,862.00	554.19
		For Economizer With Outside Air Control, Add	*1,727.86*	
		For Economizer With Outside Air Control, Add	*1,630.41*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*292.35*	
23 74 16 00-0125	EA	8.5 Ton Packaged Rooftop Heat Pump	12,208.02	596.81
		For Economizer With Outside Air Control, Add	*1,805.08*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*330.69*	
23 74 16 00-0126	EA	10 Ton Packaged Rooftop Heat Pump	13,231.60	630.92
		For Economizer With Outside Air Control, Add	*1,824.48*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*239.57*	
23 74 16 00-0127	EA	12.5 Ton Packaged Rooftop Heat Pump	15,550.51	699.13
		For Economizer With Outside Air Control, Add	*2,114.35*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*283.05*	
23 74 16 00-0128	EA	15 Ton Packaged Rooftop Heat Pump	17,860.88	767.33
		For Economizer With Outside Air Control, Add	*2,399.95*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*326.52*	
23 74 16 00-0129	EA	17.5 Ton Packaged Rooftop Heat Pump	20,009.07	801.44
		For Economizer With Outside Air Control, Add	*2,614.77*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*369.49*	
23 74 16 00-0130	EA	20 Ton Packaged Rooftop Heat Pump	22,293.69	835.54
		For Economizer With Outside Air Control, Add	*2,897.81*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*412.45*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	4,293.09	383.67
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,096.09*	
		For Equipment Base Roof Curb, Add	*341.17*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	5,516.83	434.82
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,435.51*	
		For Equipment Base Roof Curb, Add	*435.72*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,620.35	511.55
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,030.33*	
		For Equipment Base Roof Curb, Add	*597.10*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,702.50	545.66
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,035.79*	
		For Equipment Base Roof Curb, Add	*605.18*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,448.46	613.87
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,827.61*	
		For Equipment Base Roof Curb, Add	*814.33*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	15,750.43	767.33
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,341.46*	
		For Equipment Base Roof Curb, Add	*1,219.65*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	8,634.50	383.67
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,398.52*	
		For Equipment Base Roof Curb, Add	*666.77*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	12,292.33	434.82
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,468.16*	
		For Equipment Base Roof Curb, Add	*943.88*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	15,213.68	511.55
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,308.33*	
		For Equipment Base Roof Curb, Add	*1,166.60*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	19,658.03	613.87
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,590.48*	
		For Equipment Base Roof Curb, Add	*1,505.05*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	31,673.95	767.33
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*9,118.52*	
		For Equipment Base Roof Curb, Add	*2,413.91*	

23 76 Evaporative Air-Cooling Equipment *(23 70)*

23 76 13 Direct Evaporative Air Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,062.06	265.43
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,253.83	309.67
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,614.71	353.91
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,759.95	398.14
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,018.68	442.38
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,175.26	486.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 76 13 00-0008		Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)* Note: Excludes motor starter, piping, power wiring and equipment rigging.		
23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,972.05	255.09
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,035.17	263.34
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,432.95	365.73
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,143.69	431.71
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,596.53	632.03
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,402.70	674.16
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,906.09	758.43
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,014.02	948.03
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,092.50	1,239.27
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,874.18	1,264.05
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,306.05	1,404.53
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,199.35	2,194.55
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,525.23	2,289.95

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001		Packaged Terminal Air-Conditioners *(23 81 13 11)*		
23 81 13 11-0002		Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*		
23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,155.28	165.89
		For >35 To 70, Deduct	*-24.70*	
		For >70 To 100, Deduct	*-41.17*	
		For >100, Deduct	*-57.64*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,227.04	194.98
		For >35 To 70, Deduct	*-25.13*	
		For >70 To 100, Deduct	*-41.88*	
		For >100, Deduct	*-58.63*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,300.01	207.79
		For >35 To 70, Deduct	*-26.52*	
		For >70 To 100, Deduct	*-44.20*	
		For >100, Deduct	*-61.88*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,403.85	223.36
		For >35 To 70, Deduct	*-28.72*	
		For >70 To 100, Deduct	*-47.87*	
		For >100, Deduct	*-67.01*	
23 81 13 11-0007		Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*		
23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,226.03	173.01
		For >35 To 70, Deduct	*-26.42*	
		For >70 To 100, Deduct	*-44.03*	
		For >100, Deduct	*-61.64*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,301.51	194.98
		For >35 To 70, Deduct	*-27.36*	
		For >70 To 100, Deduct	*-45.60*	
		For >100, Deduct	*-63.84*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,353.98	207.79
		For >35 To 70, Deduct	*-28.14*	
		For >70 To 100, Deduct	*-46.90*	
		For >100, Deduct	*-65.65*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,475.09	223.36
		For >35 To 70, Deduct	*-30.86*	
		For >70 To 100, Deduct	*-51.43*	
		For >100, Deduct	*-72.00*	
23 81 13 11-0012		Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)* Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.		
23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	72.59	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	81.75	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	90.88	
23 81 13 11-0016		Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)* Note: Includes storage and cleaning.		
23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	176.95	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	2,715.21	201.78
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	6,065.64	211.39
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,935.49	221.00
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,126.76	240.21
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,448.64	278.65
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	12,280.94	345.90
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	13,596.10	384.34
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,971.94	432.39
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	16,843.82	518.87
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	21,775.31	643.77
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	25,969.60	864.77
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	36,420.60	1,056.94
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	41,956.85	1,258.72
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	50,152.20	1,412.46

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	384.80	92.90
		For >10 To 50, Deduct	*-9.95*	
		For >50 To 75, Deduct	*-13.93*	
		For >75 To 100, Deduct	*-19.90*	
		For >100, Deduct	*-23.88*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	404.80	92.90
		For >10 To 50, Deduct	*-10.95*	
		For >50 To 75, Deduct	*-15.33*	
		For >75 To 100, Deduct	*-21.90*	
		For >100, Deduct	*-26.28*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833Q1)	454.80	92.90
		For >10 To 50, Deduct	*-13.45*	
		For >50 To 75, Deduct	*-18.83*	
		For >75 To 100, Deduct	*-26.90*	
		For >100, Deduct	*-32.28*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033Q1)	524.80	92.90
		For >10 To 50, Deduct	*-16.95*	
		For >50 To 75, Deduct	*-23.73*	
		For >75 To 100, Deduct	*-33.90*	
		For >100, Deduct	*-40.68*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	614.80	92.90
		For >10 To 50, Deduct	*-21.45*	
		For >50 To 75, Deduct	*-30.03*	
		For >75 To 100, Deduct	*-42.90*	
		For >100, Deduct	*-51.48*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	714.80	92.90
		For >10 To 50, Deduct	*-26.45*	
		For >50 To 75, Deduct	*-37.03*	
		For >75 To 100, Deduct	*-52.90*	
		For >100, Deduct	*-63.48*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	674.80	92.90
		For >10 To 50, Deduct	*-24.45*	
		For >50 To 75, Deduct	*-34.23*	
		For >75 To 100, Deduct	*-48.90*	
		For >100, Deduct	*-58.68*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	724.80	92.90
		For >10 To 50, Deduct	*-26.95*	
		For >50 To 75, Deduct	*-37.73*	
		For >75 To 100, Deduct	*-53.90*	
		For >100, Deduct	*-64.68*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	764.80	92.90
		For >10 To 50, Deduct	*-28.95*	
		For >50 To 75, Deduct	*-40.53*	
		For >75 To 100, Deduct	*-57.90*	
		For >100, Deduct	*-69.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	804.80	92.90
		For >10 To 50, Deduct	*-30.95*	
		For >50 To 75, Deduct	*-43.33*	
		For >75 To 100, Deduct	*-61.90*	
		For >100, Deduct	*-74.28*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	884.80	92.90
		For >10 To 50, Deduct	*-34.95*	
		For >50 To 75, Deduct	*-48.93*	
		For >75 To 100, Deduct	*-69.90*	
		For >100, Deduct	*-83.88*	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	894.80	92.90
		For >10 To 50, Deduct	*-35.45*	
		For >50 To 75, Deduct	*-49.63*	
		For >75 To 100, Deduct	*-70.90*	
		For >100, Deduct	*-85.08*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,045.06	92.90
		For >10 To 50, Deduct	*-42.96*	
		For >50 To 75, Deduct	*-60.15*	
		For >75 To 100, Deduct	*-85.93*	
		For >100, Deduct	*-103.11*	

23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*

23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,148.71	92.90
23 81 16 00-0019	EA	9,700 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10B)	1,241.99	92.90
23 81 16 00-0020	EA	11,900 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	1,273.09	92.90
23 81 16 00-0021	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	1,371.56	92.90
23 81 16 00-0022	EA	17,500 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30A)	1,480.39	92.90
23 81 16 00-0023	EA	24,000 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	1,977.91	92.90
23 81 16 00-0024	EA	28,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30B)	2,050.46	92.90
23 81 16 00-0025	EA	36,000 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	2,288.86	92.90

23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*

23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	764.80	92.90
		For >10 To 50, Deduct	*-28.95*	
		For >50 To 75, Deduct	*-40.53*	
		For >75 To 100, Deduct	*-57.90*	
		For >100, Deduct	*-69.48*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	874.80	92.90
		For >10 To 50, Deduct	*-34.45*	
		For >50 To 75, Deduct	*-48.23*	
		For >75 To 100, Deduct	*-68.90*	
		For >100, Deduct	*-82.68*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	934.80	92.90
		For >10 To 50, Deduct	*-37.45*	
		For >50 To 75, Deduct	*-52.43*	
		For >75 To 100, Deduct	*-74.90*	
		For >100, Deduct	*-89.88*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,154.80	92.90
		For >10 To 50, Deduct	*-48.45*	
		For >50 To 75, Deduct	*-67.83*	
		For >75 To 100, Deduct	*-96.90*	
		For >100, Deduct	*-116.28*	

23 81 16 00-0032 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*

23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	1,334.80	92.90

23 81 16 00-0034 Accessories *(23 81 16 00-0001)*

23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	345.58	50.35

23 81 16 00-0036 Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)*

Note: Includes storage and cleaning.

23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	110.60	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	237.03	

23 81 16 00-0039 Through-The-Wall, Room Air-Conditioners *(23 81 16)*

Note: Base unit excludes wall sleeve.

23 81 16 00-0040 Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0041 Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0042	EA	8,000 BTU, 10.4 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	861.71	66.36
		For >10 To 50, Deduct	*-36.45*	
		For >50 To 75, Deduct	*-51.03*	
		For >75 To 100, Deduct	*-72.90*	
		For >100, Deduct	*-87.48*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 16 00-0043	EA	9,700 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10)	921.71	66.36
		For >10 To 50, Deduct	*-39.45*	
		For >50 To 75, Deduct	*-55.23*	
		For >75 To 100, Deduct	*-78.90*	
		For >100, Deduct	*-94.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,051.71	66.36
		For >10 To 50, Deduct	*-45.95*	
		For >50 To 75, Deduct	*-64.33*	
		For >75 To 100, Deduct	*-91.90*	
		For >100, Deduct	*-110.28*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 16 00-0045	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10C30D)	926.71	66.36
		For >10 To 50, Deduct	*-39.70*	
		For >50 To 75, Deduct	*-55.58*	
		For >75 To 100, Deduct	*-79.40*	
		For >100, Deduct	*-95.28*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 16 00-0046	EA	11,500 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12C30D)	1,046.71	66.36
		For >10 To 50, Deduct	*-45.70*	
		For >50 To 75, Deduct	*-63.98*	
		For >75 To 100, Deduct	*-91.40*	
		For >100, Deduct	*-109.68*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	1,081.71	66.36
		For >10 To 50, Deduct	*-47.45*	
		For >50 To 75, Deduct	*-66.43*	
		For >75 To 100, Deduct	*-94.90*	
		For >100, Deduct	*-113.88*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	1,131.71	66.36
		For >10 To 50, Deduct	*-49.95*	
		For >50 To 75, Deduct	*-69.93*	
		For >75 To 100, Deduct	*-99.90*	
		For >100, Deduct	*-119.88*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 00-0001 Floor Mounted Air Cooled Direct Expansion Type *(23 81 23)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 00-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	23,091.14	1,888.45
		For Liebert Unit, Add	*2,531.92*	
23 81 23 00-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	25,483.14	2,065.49
		For Liebert Unit, Add	*2,795.97*	
23 81 23 00-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	35,123.99	2,360.56
		For Liebert Unit, Add	*3,951.63*	
23 81 23 00-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	38,425.21	2,508.09
		For Liebert Unit, Add	*4,336.85*	
23 81 23 00-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	41,726.44	2,655.62
		For Liebert Unit, Add	*4,722.07*	
23 81 23 00-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	46,822.38	3,186.75
		For Liebert Unit, Add	*5,251.73*	
23 81 23 00-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	52,872.42	3,540.84
		For Liebert Unit, Add	*5,950.74*	
23 81 23 00-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	55,309.94	3,657.62
		For Liebert Unit, Add	*6,230.26*	
23 81 23 00-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	60,166.12	3,776.90
		For Liebert Unit, Add	*6,811.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 00-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	65,109.88	4,249.00
		For Liebert Unit, Add	*7,348.77*	

23 81 23 00-0012 Floor Mounted Chilled Water Type *(23 81 23)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0020 for chilled water source.

23 81 23 00-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	15,569.57	1,293.97
		For Liebert Unit, Add	*1,730.53*	
23 81 23 00-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	16,741.22	1,433.33
		For Liebert Unit, Add	*1,853.77*	
23 81 23 00-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	20,800.47	2,183.16
		For Liebert Unit, Add	*2,236.20*	
23 81 23 00-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	21,730.71	2,211.91
		For Liebert Unit, Add	*2,347.73*	
23 81 23 00-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	22,568.91	2,300.40
		For Liebert Unit, Add	*2,436.24*	
23 81 23 00-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	23,135.28	2,521.59
		For Liebert Unit, Add	*2,471.64*	
23 81 23 00-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	24,555.77	2,742.78
		For Liebert Unit, Add	*2,613.26*	

23 81 23 00-0020 Floor Mounted Water Source *(23 81 23)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 00-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	12,130.67	1,180.28
		For Liebert Unit, Add	*1,295.85*	
23 81 23 00-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	13,335.74	1,239.29
		For Liebert Unit, Add	*1,435.40*	
23 81 23 00-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,211.34	1,298.31
		For Liebert Unit, Add	*1,908.88*	
23 81 23 00-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,554.22	1,416.34
		For Liebert Unit, Add	*2,053.42*	
23 81 23 00-0025	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	20,485.83	1,534.36
		For Liebert Unit, Add	*2,272.72*	
23 81 23 00-0026	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	21,305.00	1,652.39
		For Liebert Unit, Add	*2,352.46*	
23 81 23 00-0027	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	22,250.38	1,770.42
		For Liebert Unit, Add	*2,452.14*	
23 81 23 00-0028	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	22,895.50	1,888.45
		For Liebert Unit, Add	*2,511.95*	
23 81 23 00-0029	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	26,211.48	2,242.53
		For Liebert Unit, Add	*2,857.51*	

23 81 23 00-0030 Floor Mounted Glycol System Type *(23 81 23)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0020 for water source.

23 81 23 00-0031	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	22,325.96	1,293.97
		For Liebert Unit, Add	*2,575.08*	
23 81 23 00-0032	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	24,044.62	1,433.33
		For Liebert Unit, Add	*2,766.69*	
23 81 23 00-0033	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	36,909.73	1,605.85
		For Liebert Unit, Add	*4,346.08*	
23 81 23 00-0034	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	38,123.28	1,778.39
		For Liebert Unit, Add	*4,469.02*	
23 81 23 00-0035	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	40,816.55	1,950.91
		For Liebert Unit, Add	*4,776.92*	
23 81 23 00-0036	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	48,817.05	2,211.91
		For Liebert Unit, Add	*5,731.64*	
23 81 23 00-0037	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	53,486.38	2,300.40
		For Liebert Unit, Add	*6,300.92*	
23 81 23 00-0038	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	55,506.18	2,521.59
		For Liebert Unit, Add	*6,518.01*	
23 81 23 00-0039	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	67,507.28	2,742.78
		For Liebert Unit, Add	*7,982.20*	

23 81 23 00-0040 Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.

23 81 23 00-0041	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	9,094.02	560.94
		For Liebert Unit, Add	*1,031.62*	
23 81 23 00-0042	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	10,073.89	673.66
		For Liebert Unit, Add	*1,132.99*	
23 81 23 00-0043	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	11,531.72	843.09
		For Liebert Unit, Add	*1,283.47*	
23 81 23 00-0044	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	14,150.18	983.60
		For Liebert Unit, Add	*1,584.45*	
23 81 23 00-0045	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	19,094.01	1,069.06
		For Liebert Unit, Add	*2,186.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 00-0046		Removal And Reinstallation Of Computer Room Unit *(23 81 23)* Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 00-0047	EA	Removal And Reinstallation Of Computer Room Unit, Chilled Water	1,769.53	
23 81 23 00-0048	EA	Removal And Reinstallation Of Computer Room Unit, Direct Expansion	1,474.61	
23 81 26		**Split-System Air-Conditioners** *(23 81)*		
23 81 26 00-0001		Split System A/C Unit *(23 81 26)* See CSI section 22 07 19 00-0490 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.		
23 81 26 00-0002		Ductless Split System Air Conditioners *(23 81 26 00-0001)* Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0024 for ductless heat pumps.		
23 81 26 00-0003		Wall Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)*		
23 81 26 00-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,769.52	291.98
23 81 26 00-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,915.93	318.51
23 81 26 00-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,394.44	353.91
23 81 26 00-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,659.94	389.30
23 81 26 00-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,094.54	424.69
23 81 26 00-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,766.31	442.38
23 81 26 00-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,229.31	471.58
23 81 26 00-0011		Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 00-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	762.79	141.56
23 81 26 00-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	806.21	150.41
23 81 26 00-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	850.36	159.26
23 81 26 00-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	961.36	168.11
23 81 26 00-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,028.27	176.95
23 81 26 00-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,109.83	212.35
23 81 26 00-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,334.02	230.04
23 81 26 00-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,689.38	247.74
23 81 26 00-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)* Note: Excludes hangers.		
23 81 26 00-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,383.45	424.69
23 81 26 00-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,342.06	506.97
23 81 26 00-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,518.24	530.86
23 81 26 00-0024		Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 00-0002)* Note: Excludes hangers.		
23 81 26 00-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,691.92	353.91
23 81 26 00-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,138.11	389.30
23 81 26 00-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,361.75	460.07
23 81 26 00-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,048.25	506.97
23 81 26 00-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,371.33	530.86
23 81 26 00-0030		Ductless Split System Accessories *(23 81 26 00-0002)*		
23 81 26 00-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	8.46	1.27
23 81 26 00-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	10.69	1.40
23 81 26 00-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	13.15	1.54
23 81 26 00-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.41	2.37
23 81 26 00-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	23.54	2.61
23 81 26 00-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	26.75	2.88
23 81 26 00-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	34.83	4.76
23 81 26 00-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	55.51	5.23
23 81 26 00-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.90	5.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.42	5.08
23 81 26 00-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	52.97	5.58
23 81 26 00-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	79.90	6.14
23 81 26 00-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	34.83	4.76
23 81 26 00-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	55.51	5.23
23 81 26 00-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.90	5.75
23 81 26 00-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	46.86	7.93
23 81 26 00-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	66.08	8.72
23 81 26 00-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	78.35	9.59
23 81 26 00-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	24.03	1.59
23 81 26 00-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	28.82	4.76
23 81 26 00-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	44.70	5.23
23 81 26 00-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	26.42	4.76
23 81 26 00-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	35.08	5.23
23 81 26 00-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	37.86	5.75
23 81 26 00-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	114.17	6.35
23 81 26 00-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	129.31	6.98
23 81 26 00-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	88.90	23.79
23 81 26 00-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	97.31	25.37
23 81 26 00-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	126.15	26.95
23 81 26 00-0060	EA	End Cap, Set of 4.	12.01	
23 81 26 00-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	186.29	47.57
23 81 26 00-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	197.96	50.74
23 81 26 00-0063	LF	5/8" ID Condensate Drain Line	1.71	0.13
23 81 26 00-0064	LF	3/4" ID Condensate Drain Line	1.77	0.13

23 81 26 00-0065 Cased A/C Evaporator Coils *(23 81 26 00-0001)*

23 81 26 00-0066 Vertical Cased A/C Evaporator Coils *(23 81 26 00-0065)*

23 81 26 00-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	421.40	91.54
23 81 26 00-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	441.80	98.40
23 81 26 00-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	516.53	105.27
23 81 26 00-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	582.70	112.13
23 81 26 00-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	664.30	116.71
23 81 26 00-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	734.47	121.29
23 81 26 00-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	789.00	130.44
23 81 26 00-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	798.93	137.31

23 81 26 00-0075 "A" Style Horizontal Cased A/C Evaporator Coils *(23 81 26 00-0065)*

23 81 26 00-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	502.24	93.83
23 81 26 00-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	570.87	99.09
23 81 26 00-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	647.18	105.27
23 81 26 00-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	670.94	109.07
23 81 26 00-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	702.62	114.43
23 81 26 00-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	714.65	120.37
23 81 26 00-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	726.42	126.32

23 81 26 00-0083 Slab Style Horizontal Cased A/C Evaporator Coils *(23 81 26 00-0065)*

23 81 26 00-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	447.90	93.83
23 81 26 00-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	531.83	105.27
23 81 26 00-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	609.20	114.43
23 81 26 00-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	725.47	126.32

23 81 26 00-0088 Mitsubishi City Multi, Variable Refrigerant Flow *(23 81 26 00-0001)*

23 81 26 00-0089 Outdoor Units *(23 81 26 00-0088)*

23 81 26 00-0090	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	13,471.84	464.50
23 81 26 00-0091	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	14,603.33	552.98
23 81 26 00-0092	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	16,429.80	663.57
23 81 26 00-0093	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	20,244.57	685.69
23 81 26 00-0094	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	26,889.38	707.81
23 81 26 00-0095	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	27,888.15	729.93
23 81 26 00-0096	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	28,886.91	752.05
23 81 26 00-0097	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	30,580.68	796.29
23 81 26 00-0098	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	32,274.43	840.53
23 81 26 00-0099	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	36,133.44	884.76
23 81 26 00-0100	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	39,992.45	929.00

23 81 26 00-0101 Indoor Units *(23 81 26 00-0088)*

23 81 26 00-0102	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,221.53	143.77
23 81 26 00-0103	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,284.73	154.83
23 81 26 00-0104	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,341.44	165.89
23 81 26 00-0105	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,408.97	176.95
23 81 26 00-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	1,530.45	210.13
23 81 26 00-0107	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	1,714.06	254.37
23 81 26 00-0108	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	1,856.67	276.49
23 81 26 00-0109	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E2)	1,758.35	158.15
23 81 26 00-0110	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E2)	1,821.60	170.32
23 81 26 00-0111	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E2)	1,921.61	182.49
23 81 26 00-0112	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E2)	2,084.31	194.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 00-0113	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E2)	2,205.94	231.14
23 81 26 00-0114	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E2)	2,427.59	279.81
23 81 26 00-0115	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E2)	2,552.44	291.98
23 81 26 00-0116	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E2)	2,690.29	304.14
23 81 26 00-0117	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E2)	2,983.53	334.55
23 81 26 00-0118	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E2)	3,306.64	368.00
23 81 26 00-0119	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E2)	3,580.21	404.81
23 81 26 00-0120	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	4,522.74	445.28
23 81 26 00-0121	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	5,130.68	489.82
23 81 26 00-0122	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NBMU-ER2)	1,962.69	182.49
23 81 26 00-0123	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NBMU-ER2)	2,070.26	194.64
23 81 26 00-0124	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P18NBMU-ER2)	2,191.89	231.14
23 81 26 00-0125	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P24NBMU-ER2)	2,462.18	279.81
23 81 26 00-0126	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P30NBMU-ER2)	2,652.45	304.14
23 81 26 00-0127	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P36NBMU-ER2)	3,232.16	334.55
23 81 26 00-0128	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	1,797.27	158.15
23 81 26 00-0129	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	1,890.78	170.32
23 81 26 00-0130	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,031.87	182.49
23 81 26 00-0131	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	2,139.44	194.64
23 81 26 00-0132	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	1,669.18	170.32
23 81 26 00-0133	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	1,755.14	182.49
23 81 26 00-0134	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	1,845.41	194.64
23 81 26 00-0135		**Controllers For Outdoor Units** *(23 81 26 00-0088)*		
23 81 26 00-0136	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-GA)	5,969.87	132.71
23 81 26 00-0137	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-GA)	6,888.64	154.83
23 81 26 00-0138	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	7,987.93	176.95
23 81 26 00-0139	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	9,478.54	199.07
23 81 26 00-0140	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	3,486.97	88.48
23 81 26 00-0141	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	5,370.99	132.71
23 81 26 00-0142	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	8,209.45	199.07
23 81 26 00-0143	EA	ME Remote Controller (Mitsubishi PAR-F27MEA-US)	477.47	17.69
23 81 26 00-0144	EA	AG-150 Standard Package (Mitsubishi AG-150A-Standard)	4,826.33	17.69
23 81 26 00-0145	EA	GB-50ADA Standard Package (Mitsubishi GB-50ADA-A)	2,947.55	17.69
23 81 26 00-0146		**Energy Recovery Units** *(23 81 26 00-0088)*		
23 81 26 00-0147	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E-AU)	4,430.52	132.71
23 81 26 00-0148	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	8,359.96	132.71
23 81 26 00-0149	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	8,484.19	154.83
23 81 26 00-0150	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	1,777.83	110.60
23 81 26 00-0151	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	2,260.16	115.02
23 81 26 00-0152	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	2,691.67	119.44
23 81 26 00-0153	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX3-E)	4,889.95	132.71
23 81 26 00-0154		**Piping Specialties** *(23 81 26 00-0088)*		
23 81 26 00-0155	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	616.17	
23 81 26 00-0156	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	172.41	34.77
23 81 26 00-0157	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	172.41	34.77
23 81 26 00-0158	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	191.04	36.60
23 81 26 00-0159	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	238.01	41.18
23 81 26 00-0160	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	312.45	59.48
23 81 26 00-0161	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	535.20	118.95
23 81 26 00-0162	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	86.58	14.64
23 81 26 00-0163	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	98.63	20.13
23 81 26 00-0164		**Daikin VRV** *(23 81 26 00-0001)*		
23 81 26 00-0165		**Heat Pump Outdoor Units** *(23 81 26 00-0164)*		
23 81 26 00-0166	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ)	13,338.66	464.50
23 81 26 00-0167	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ)	14,930.76	552.98
23 81 26 00-0168	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ)	16,675.94	663.57
23 81 26 00-0169	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ)	20,747.88	685.69
23 81 26 00-0170	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ)	27,694.32	729.93
23 81 26 00-0171	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ)	29,262.56	752.05
23 81 26 00-0172	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ)	30,766.18	796.29
23 81 26 00-0173	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ)	32,378.64	840.53
23 81 26 00-0174	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ)	41,828.80	884.76
23 81 26 00-0175	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	43,441.27	929.00
23 81 26 00-0176	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	45,053.73	973.24

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23 81 26 00-0177	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	46,557.35	1,017.48
23 81 26 00-0178	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	48,169.82	1,061.72
23 81 26 00-0179		**Heat Recovery Heat Pump Outdoor Units** *(23 81 26 00-0164)*		
23 81 26 00-0180	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ)	17,087.44	603.86
23 81 26 00-0181	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ)	18,672.01	718.87
23 81 26 00-0182	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ)	20,557.50	862.65
23 81 26 00-0183	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ)	25,731.27	891.41
23 81 26 00-0184	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ)	34,663.70	948.91
23 81 26 00-0185	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ)	37,333.77	977.67
23 81 26 00-0186	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ)	38,755.06	1,035.18
23 81 26 00-0187	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ)	40,176.37	1,092.68
23 81 26 00-0188	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ)	52,755.48	1,150.19
23 81 26 00-0189	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ)	54,176.77	1,207.71
23 81 26 00-0190	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ)	56,904.36	1,265.22
23 81 26 00-0191	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ)	58,325.65	1,322.73
23 81 26 00-0192		**Indoor Units** *(23 81 26 00-0164)*		
23 81 26 00-0193	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU)	1,583.09	154.83
23 81 26 00-0194	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU)	1,652.52	159.26
23 81 26 00-0195	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU)	1,861.95	165.89
23 81 26 00-0196	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU)	2,100.35	210.13
23 81 26 00-0197	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU)	2,318.23	254.37
23 81 26 00-0198	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU)	2,287.73	170.32
23 81 26 00-0199	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU)	2,364.21	175.18
23 81 26 00-0200	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU)	2,482.54	97.32
23 81 26 00-0201	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU)	2,656.88	231.14
23 81 26 00-0202	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU)	3,151.64	279.81
23 81 26 00-0203	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU)	3,595.68	304.14
23 81 26 00-0204	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU)	3,847.52	334.55
23 81 26 00-0205	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU)	3,991.45	368.00
23 81 26 00-0206	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU)	2,548.57	170.32
23 81 26 00-0207	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU)	2,609.65	175.18
23 81 26 00-0208	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU)	2,773.17	182.49
23 81 26 00-0209	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU)	2,978.32	231.14
23 81 26 00-0210		**Branch Selector Boxes** *(23 81 26 00-0164)*		
23 81 26 00-0211	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU)	7,582.68	199.07
23 81 26 00-0212	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU)	11,198.82	265.43
23 81 26 00-0213	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU)	1,522.25	88.48
23 81 26 00-0214	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU)	2,059.51	132.71
23 81 26 00-0215	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU)	2,575.27	199.07
23 81 26 00-0216		**Controllers** *(23 81 26 00-0164)*		
23 81 26 00-0217	EA	Up To 16 Units, Navigation Controller (Daikin BRC1E71)	510.71	17.69
23 81 26 00-0218	EA	Individual Zone Controller (Daikin BRC2A71)	383.37	17.69
23 81 26 00-0219	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71)	694.53	17.69
23 81 26 00-0220	EA	Up To 64 Units, Multizone Controller (Daikin DCS302C71)	952.30	17.69
23 81 26 00-0221	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71)	9,004.00	212.35
23 81 26 00-0222	EA	I-Touch Manager D3net Plus Adapter (Daikin DCM601A72)	1,614.68	17.69
23 81 26 00-0223		**Energy Recovery Units** *(23 81 26 00-0164)*		
23 81 26 00-0224	EA	300 CFM Energy Recovery Unit (Daikin VAM300GVJU)	2,643.77	110.60
23 81 26 00-0225	EA	470 CFM Energy Recovery Unit (Daikin VAM470GVJU)	3,414.61	115.02
23 81 26 00-0226	EA	600 CFM Energy Recovery Unit (Daikin VAM600GVJU)	4,076.59	119.44
23 81 26 00-0227	EA	1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU)	7,558.83	132.71

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel.

23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,948.72	144.13
		For Unit Economizer, Add	*228.27*	
		For >35 To 70, Deduct	*-50.10*	
		For >70 To 100, Deduct	*-83.50*	
		For >100, Deduct	*-116.90*	
		For Low Ambient Protection, 0 Degree F, Add	*219.97*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,153.50	153.74
		For Unit Economizer, Add	*252.46*	
		For >35 To 70, Deduct	*-55.67*	
		For >70 To 100, Deduct	*-92.78*	
		For >100, Deduct	*-129.89*	
		For Low Ambient Protection, 0 Degree F, Add	*241.47*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,712.23	153.74
		For Unit Economizer, Add	*439.51*	
		For >35 To 70, Deduct	*-102.43*	
		For >70 To 100, Deduct	*-170.72*	
		For >100, Deduct	*-239.01*	
		For Low Ambient Protection, 0 Degree F, Add	*381.76*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,065.46	153.74
		For Unit Economizer, Add	*481.51*	
		For >35 To 70, Deduct	*-112.45*	
		For >70 To 100, Deduct	*-187.42*	
		For >100, Deduct	*-262.39*	
		For Low Ambient Protection, 0 Degree F, Add	*191.72*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,604.25	163.35
		For Unit Economizer, Add	*545.78*	
		For >35 To 70, Deduct	*-128.04*	
		For >70 To 100, Deduct	*-213.40*	
		For >100, Deduct	*-298.76*	
		For Low Ambient Protection, 0 Degree F, Add	*212.11*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,826.93	172.95
		For Unit Economizer, Add	*572.51*	
		For >35 To 70, Deduct	*-134.72*	
		For >70 To 100, Deduct	*-224.53*	
		For >100, Deduct	*-314.34*	
		For Low Ambient Protection, 0 Degree F, Add	*667.86*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,439.95	172.95
		For Unit Economizer, Add	*645.68*	
		For >35 To 70, Deduct	*-152.53*	
		For >70 To 100, Deduct	*-254.22*	
		For >100, Deduct	*-355.91*	
		For Low Ambient Protection, 0 Degree F, Add	*749.86*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,006.25	182.56
		For Unit Economizer, Add	*713.45*	
		For >35 To 70, Deduct	*-169.23*	
		For >70 To 100, Deduct	*-282.06*	
		For >100, Deduct	*-394.88*	
		For Low Ambient Protection, 0 Degree F, Add	*824.63*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,917.48	211.39
		For Unit Economizer, Add	*821.64*	
		For >35 To 70, Deduct	*-194.84*	
		For >70 To 100, Deduct	*-324.74*	
		For >100, Deduct	*-454.63*	
		For Low Ambient Protection, 0 Degree F, Add	*950.00*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	12,719.31	249.82
		For Unit Economizer, Add	*1,516.13*	
		For >35 To 70, Deduct	*-366.30*	
		For >70 To 100, Deduct	*-610.50*	
		For >100, Deduct	*-854.70*	
		For Low Ambient Protection, 0 Degree F, Add	*1,714.62*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	16,379.52	317.08
		For Unit Economizer, Add	*1,952.67*	
		For >35 To 70, Deduct	*-472.07*	
		For >70 To 100, Deduct	*-786.79*	
		For >100, Deduct	*-1,101.50*	
		For Low Ambient Protection, 0 Degree F, Add	*318.30*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	20,009.59	355.52
		For Unit Economizer, Add	*2,386.93*	
		For >35 To 70, Deduct	*-578.96*	
		For >70 To 100, Deduct	*-964.93*	
		For >100, Deduct	*-1,350.90*	
		For Low Ambient Protection, 0 Degree F, Add	*370.74*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	24,698.04	403.56
		For Unit Economizer, Add	*2,947.81*	
		For >35 To 70, Deduct	*-717.02*	
		For >70 To 100, Deduct	*-1,195.03*	
		For >100, Deduct	*-1,673.04*	
		For Low Ambient Protection, 0 Degree F, Add	*438.38*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	32,930.08	432.39
		For Unit Economizer, Add	*3,934.31*	
		For >35 To 70, Deduct	*-961.96*	
		For >70 To 100, Deduct	*-1,603.27*	
		For >100, Deduct	*-2,244.57*	
		For Low Ambient Protection, 0 Degree F, Add	*536.85*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	39,687.22	470.82
		For Unit Economizer, Add	*4,743.63*	
		For >35 To 70, Deduct	*-1,162.37*	
		For >70 To 100, Deduct	*-1,937.28*	
		For >100, Deduct	*-2,712.19*	
		For Low Ambient Protection, 0 Degree F, Add	*622.87*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	2,998.18	192.17
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,648.52	211.39
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,733.65	221.00
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,431.25	240.21
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,798.42	278.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,258.38	317.08
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,877.81	355.52
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,866.30	393.95
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,987.76	470.82

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	9,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10B)	1,394.80	92.90
		For >10 To 50, Deduct	*-60.45*	
		For >50 To 75, Deduct	*-84.63*	
		For >75 To 100, Deduct	*-120.90*	
		For >100, Deduct	*-145.08*	
23 81 43 00-0031	EA	11,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33B)	1,534.80	92.90
		For >10 To 50, Deduct	*-67.45*	
		For >50 To 75, Deduct	*-94.43*	
		For >75 To 100, Deduct	*-134.90*	
		For >100, Deduct	*-161.88*	
23 81 43 00-0032	EA	17,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YM18N34B)	1,744.80	92.90
		For >10 To 50, Deduct	*-77.95*	
		For >50 To 75, Deduct	*-109.13*	
		For >75 To 100, Deduct	*-155.90*	
		For >100, Deduct	*-187.08*	
23 81 43 00-0033	EA	24,000 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35B)	2,034.80	92.90
		For >10 To 50, Deduct	*-92.45*	
		For >50 To 75, Deduct	*-129.43*	
		For >75 To 100, Deduct	*-184.90*	
		For >100, Deduct	*-221.88*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	1,331.71	66.36
		For >10 To 50, Deduct	*-59.95*	
		For >50 To 75, Deduct	*-83.93*	
		For >75 To 100, Deduct	*-119.90*	
		For >100, Deduct	*-143.88*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	
23 81 43 00-0037	EA	12,000 BTU, 8.6 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12C33)	1,281.71	66.36
		For >10 To 50, Deduct	*-57.45*	
		For >50 To 75, Deduct	*-80.43*	
		For >75 To 100, Deduct	*-114.90*	
		For >100, Deduct	*-137.88*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*210.48*	

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Air Cooled, Outdoor Section *(23 81 49)*

23 81 49 00-0002	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	1,961.89	285.37
		For Low Ambient Protection, 0 Degree F, Add	*368.11*	
		For Winterstart Control, Add	*104.42*	
		For 16 SEER, Add	*443.56*	
		For 18 SEER, Add	*672.98*	
23 81 49 00-0003	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,039.74	317.08
		For Low Ambient Protection, 0 Degree F, Add	*385.19*	
		For Winterstart Control, Add	*110.42*	
		For 16 SEER, Add	*452.20*	
		For 18 SEER, Add	*686.10*	
23 81 49 00-0004	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,244.07	368.01
		For Low Ambient Protection, 0 Degree F, Add	*426.08*	
		For Winterstart Control, Add	*123.20*	
		For 16 SEER, Add	*489.16*	
		For 18 SEER, Add	*742.18*	
23 81 49 00-0005	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,465.11	422.77
		For Low Ambient Protection, 0 Degree F, Add	*379.09*	
		For Winterstart Control, Add	*137.04*	
		For 16 SEER, Add	*529.11*	
		For 18 SEER, Add	*802.78*	
23 81 49 00-0006	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,545.21	439.11
		For Low Ambient Protection, 0 Degree F, Add	*391.90*	
		For Winterstart Control, Add	*141.72*	
		For 16 SEER, Add	*545.21*	
		For 18 SEER, Add	*827.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0007	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	2,818.57	504.45
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*431.91*	
		For Winterstart Control, Add	*155.98*	
		For 16 SEER, Add	*608.40*	
		For 18 SEER, Add	*923.09*	
23 81 49 00-0008	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	3,195.93	554.89
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*318.34*	
		For Winterstart Control, Add	*103.30*	
		For 16 SEER, Add	*696.93*	
		For 18 SEER, Add	*1,057.42*	
23 81 49 00-0009	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	6,628.29	619.34
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*508.37*	
		For Winterstart Control, Add	*145.91*	
23 81 49 00-0010	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	9,194.31	743.20
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*346.46*	
		For Winterstart Control, Add	*187.65*	
23 81 49 00-0011	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	12,119.38	867.07
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*389.53*	
		For Winterstart Control, Add	*232.41*	
23 81 49 00-0012	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	16,777.27	929.00
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*412.32*	
		For Winterstart Control, Add	*287.19*	

23 81 49 00-0013 Indoor Section, Horizontal Upflow *(23 81 49)*

Note: Electric heat. Includes throwaway filters.

23 81 49 00-0014	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,140.72	94.67
		For Additional 5 KW Electric Heat, Add	*104.56*	
23 81 49 00-0015	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,253.55	117.94
		For Additional 5 KW Electric Heat, Add	*113.56*	
23 81 49 00-0016	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,303.03	142.45
		For Additional 5 KW Electric Heat, Add	*116.03*	
23 81 49 00-0017	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,763.84	166.78
		For Additional 5 KW Electric Heat, Add	*159.69*	
23 81 49 00-0018	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,806.47	188.01
		For Additional 5 KW Electric Heat, Add	*161.82*	
23 81 49 00-0019	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,001.72	215.89
		For Additional 5 KW Electric Heat, Add	*178.59*	
23 81 49 00-0020	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	4,303.11	353.91
		For Additional 5 KW Electric Heat, Add	*394.92*	
23 81 49 00-0021	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	6,381.08	398.14
		For Additional 5 KW Electric Heat, Add	*598.30*	
23 81 49 00-0022	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,986.58	442.38
		For Additional 5 KW Electric Heat, Add	*854.42*	
23 81 49 00-0023	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	10,205.48	530.86
		For Additional 5 KW Electric Heat, Add	*967.45*	

23 81 49 00-0024 Ductless Split System Heat Pumps *(23 81 49)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 00-0030 for accessories.

23 81 49 00-0025 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)*

23 81 49 00-0026	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	1,916.42	291.98
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0027	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,117.19	318.51
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	2,582.48	353.91
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,972.11	389.30
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	4,211.57	424.69
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	4,877.95	442.38
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0032	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,350.50	471.58
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

23 81 49 00-0033 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 49 00-0034	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	795.10	141.56
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0035	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	839.26	150.41
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0036	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	884.15	159.26
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0037	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,006.16	168.11
		Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0038	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps	1,072.35	176.95
		Note: Includes indoor unit and wireless thermostat.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0039	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,381.60	212.35
23 81 49 00-0040	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,822.48	230.04
23 81 49 00-0041	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	4,575.95	247.74
23 81 49 00-0042		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)* Note: Excludes hangers.		
23 81 49 00-0043	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,500.98	424.69
23 81 49 00-0044	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,463.25	506.97
23 81 49 00-0045	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,591.69	530.86
23 81 49 00-0046		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)* Note: Excludes hangers.		
23 81 49 00-0047	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,985.73	353.91
23 81 49 00-0048	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,385.65	389.30
23 81 49 00-0049	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,479.28	460.07
23 81 49 00-0050	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,169.44	506.97
23 81 49 00-0051	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,444.79	530.86

23 82 Convection Heating And Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 00-0001 Chilled Water Cooling Coils *(23 82 16)*
Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 00-0002 2 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

23 82 16 00-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	572.26	45.77
23 82 16 00-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	924.91	62.24
23 82 16 00-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,270.93	97.94
23 82 16 00-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,578.80	140.06
23 82 16 00-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,720.58	172.09
23 82 16 00-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,954.46	208.70
23 82 16 00-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,129.40	241.66
23 82 16 00-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,342.66	426.94
23 82 16 00-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,320.62	162.30
23 82 16 00-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,782.58	276.35
23 82 16 00-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,008.37	343.27
23 82 16 00-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,284.25	414.58
23 82 16 00-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,533.01	482.77

23 82 16 00-0016 4 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

23 82 16 00-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	722.88	95.20
23 82 16 00-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,142.46	137.31
23 82 16 00-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,610.73	228.84
23 82 16 00-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,043.96	339.60
23 82 16 00-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,393.20	416.50
23 82 16 00-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,861.95	508.95
23 82 16 00-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,242.76	610.56
23 82 16 00-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,312.94	710.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,908.37	306.75
23 82 16 00-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,521.52	461.36
23 82 16 00-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,843.15	572.12
23 82 16 00-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,270.23	689.28
23 82 16 00-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,649.23	805.81

23 82 16 00-0030 6 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

23 82 16 00-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,003.67	120.83
23 82 16 00-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,228.19	179.42
23 82 16 00-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,745.55	305.74
23 82 16 00-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,423.21	457.69
23 82 16 00-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,148.74	572.12
23 82 16 00-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,643.40	703.93
23 82 16 00-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,254.24	832.09
23 82 16 00-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,267.42	969.66
23 82 16 00-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,431.91	419.16
23 82 16 00-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,225.09	628.69
23 82 16 00-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,730.41	787.23
23 82 16 00-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,219.45	945.68
23 82 16 00-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,708.29	1,100.20

23 82 16 00-0044 8 Row Chilled Water Cooling Coils *(23 82 16 00-0001)*

23 82 16 00-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,248.50	145.54
23 82 16 00-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,581.83	223.36
23 82 16 00-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,436.85	398.20
23 82 16 00-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,331.45	610.56
23 82 16 00-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,035.71	763.43
23 82 16 00-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,722.22	915.39
23 82 16 00-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,386.85	1,016.99
23 82 16 00-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,978.30	1,179.65
23 82 16 00-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,814.48	510.78
23 82 16 00-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,749.54	767.91
23 82 16 00-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,338.01	956.58
23 82 16 00-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,907.64	1,144.23
23 82 16 00-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,513.66	1,346.16

23 82 16 00-0058 Direct Expansion Cooling Coils *(23 82 16)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 00-0059 2 Row Direct Expansion Cooling Coils *(23 82 16 00-0058)*

23 82 16 00-0060	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	495.98	68.66
		For 10 Fins Per Inch, Add	*7.17*	
		For 12 Fins Per Inch, Add	*17.92*	
23 82 16 00-0061	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	905.40	94.29
		For 10 Fins Per Inch, Add	*14.33*	
		For 12 Fins Per Inch, Add	*35.83*	
23 82 16 00-0062	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,270.93	148.29
		For 10 Fins Per Inch, Add	*19.51*	
		For 12 Fins Per Inch, Add	*48.78*	
23 82 16 00-0063	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,578.80	213.28
		For 10 Fins Per Inch, Add	*23.06*	
		For 12 Fins Per Inch, Add	*57.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0064	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,853.51	260.88
		For 10 Fins Per Inch, Add	*26.61*	
		For 12 Fins Per Inch, Add	*66.52*	
23 82 16 00-0065	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,103.63	315.80
		For 10 Fins Per Inch, Add	*29.45*	
		For 12 Fins Per Inch, Add	*73.62*	
23 82 16 00-0066	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,417.52	366.15
		For 10 Fins Per Inch, Add	*33.70*	
		For 12 Fins Per Inch, Add	*84.26*	
23 82 16 00-0067	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,989.99	426.94
		For 10 Fins Per Inch, Add	*42.72*	
		For 12 Fins Per Inch, Add	*106.80*	
23 82 16 00-0068	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,145.83	162.30
		For 10 Fins Per Inch, Add	*16.42*	
		For 12 Fins Per Inch, Add	*41.06*	
23 82 16 00-0069	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,566.76	276.35
		For 10 Fins Per Inch, Add	*20.28*	
		For 12 Fins Per Inch, Add	*50.70*	
23 82 16 00-0070	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,028.89	414.58
		For 10 Fins Per Inch, Add	*23.99*	
		For 12 Fins Per Inch, Add	*59.99*	
23 82 16 00-0071	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,257.91	482.77
		For 10 Fins Per Inch, Add	*25.85*	
		For 12 Fins Per Inch, Add	*64.62*	

23 82 16 00-0072 4 Row Direct Expansion Cooling Coils *(23 82 16 00-0058)*

23 82 16 00-0073	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	799.16	95.20
		For 10 Fins Per Inch, Add	*12.17*	
		For 12 Fins Per Inch, Add	*30.42*	
23 82 16 00-0074	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,142.46	137.31
		For 10 Fins Per Inch, Add	*17.38*	
		For 12 Fins Per Inch, Add	*43.46*	
23 82 16 00-0075	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,610.73	228.84
		For 10 Fins Per Inch, Add	*23.06*	
		For 12 Fins Per Inch, Add	*57.65*	
23 82 16 00-0076	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,043.96	339.60
		For 10 Fins Per Inch, Add	*27.32*	
		For 12 Fins Per Inch, Add	*68.30*	
23 82 16 00-0077	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,393.20	416.50
		For 10 Fins Per Inch, Add	*31.22*	
		For 12 Fins Per Inch, Add	*78.05*	
23 82 16 00-0078	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,861.95	508.95
		For 10 Fins Per Inch, Add	*36.90*	
		For 12 Fins Per Inch, Add	*92.24*	
23 82 16 00-0079	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,242.76	610.56
		For 10 Fins Per Inch, Add	*40.45*	
		For 12 Fins Per Inch, Add	*101.11*	
23 82 16 00-0080	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,312.94	710.71
		For 10 Fins Per Inch, Add	*37.83*	
		For 12 Fins Per Inch, Add	*94.58*	
23 82 16 00-0081	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,908.37	306.75
		For 10 Fins Per Inch, Add	*25.90*	
		For 12 Fins Per Inch, Add	*64.74*	
23 82 16 00-0082	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,521.52	461.36
		For 10 Fins Per Inch, Add	*31.98*	
		For 12 Fins Per Inch, Add	*79.94*	
23 82 16 00-0083	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,952.74	811.49
		For 10 Fins Per Inch, Add	*46.59*	
		For 12 Fins Per Inch, Add	*116.49*	
23 82 16 00-0084	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,546.58	945.68
		For 10 Fins Per Inch, Add	*53.11*	
		For 12 Fins Per Inch, Add	*132.76*	

23 82 16 00-0085 6 Row Direct Expansion Cooling Coils *(23 82 16 00-0058)*

23 82 16 00-0086	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,021.41	119.91
		For 10 Fins Per Inch, Add	*15.61*	
		For 12 Fins Per Inch, Add	*39.03*	
23 82 16 00-0087	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,228.19	179.42
		For 10 Fins Per Inch, Add	*17.38*	
		For 12 Fins Per Inch, Add	*43.46*	
23 82 16 00-0088	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,834.24	305.74
		For 10 Fins Per Inch, Add	*24.48*	
		For 12 Fins Per Inch, Add	*61.20*	
23 82 16 00-0089	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,423.21	457.69
		For 10 Fins Per Inch, Add	*30.16*	
		For 12 Fins Per Inch, Add	*75.39*	
23 82 16 00-0090	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,148.74	572.12
		For 10 Fins Per Inch, Add	*40.09*	
		For 12 Fins Per Inch, Add	*100.23*	
23 82 16 00-0091	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,643.40	703.93
		For 10 Fins Per Inch, Add	*44.70*	
		For 12 Fins Per Inch, Add	*111.76*	
23 82 16 00-0092	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,254.24	832.09
		For 10 Fins Per Inch, Add	*51.80*	
		For 12 Fins Per Inch, Add	*129.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0093	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,267.42	969.66
		For 10 Fins Per Inch, Add	*46.56*	
		For 12 Fins Per Inch, Add	*116.40*	
23 82 16 00-0094	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,431.91	419.16
		For 10 Fins Per Inch, Add	*31.87*	
		For 12 Fins Per Inch, Add	*79.68*	
23 82 16 00-0095	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,225.09	628.69
		For 10 Fins Per Inch, Add	*39.35*	
		For 12 Fins Per Inch, Add	*98.38*	
23 82 16 00-0096	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,203.95	937.90
		For 10 Fins Per Inch, Add	*46.56*	
		For 12 Fins Per Inch, Add	*116.41*	
23 82 16 00-0097	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,708.29	1,100.20
		For 10 Fins Per Inch, Add	*50.16*	
		For 12 Fins Per Inch, Add	*125.39*	

23 82 16 00-0098 8 Row Direct Expansion Cooling Coils *(23 82 16 00-0058)*

23 82 16 00-0099	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,266.24	144.63
		For 10 Fins Per Inch, Add	*19.51*	
		For 12 Fins Per Inch, Add	*48.78*	
23 82 16 00-0100	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,581.83	223.36
		For 10 Fins Per Inch, Add	*22.71*	
		For 12 Fins Per Inch, Add	*56.77*	
23 82 16 00-0101	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,436.85	398.20
		For 10 Fins Per Inch, Add	*32.82*	
		For 12 Fins Per Inch, Add	*82.04*	
23 82 16 00-0102	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,331.45	610.56
		For 10 Fins Per Inch, Add	*42.22*	
		For 12 Fins Per Inch, Add	*105.55*	
23 82 16 00-0103	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,035.71	763.43
		For 10 Fins Per Inch, Add	*50.20*	
		For 12 Fins Per Inch, Add	*125.50*	
23 82 16 00-0104	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,722.22	915.39
		For 10 Fins Per Inch, Add	*57.83*	
		For 12 Fins Per Inch, Add	*144.57*	
23 82 16 00-0105	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,386.85	1,016.99
		For 10 Fins Per Inch, Add	*67.05*	
		For 12 Fins Per Inch, Add	*167.63*	
23 82 16 00-0106	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,978.30	1,179.65
		For 10 Fins Per Inch, Add	*52.38*	
		For 12 Fins Per Inch, Add	*130.95*	
23 82 16 00-0107	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,814.48	510.78
		For 10 Fins Per Inch, Add	*35.86*	
		For 12 Fins Per Inch, Add	*89.64*	
23 82 16 00-0108	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,749.54	767.91
		For 10 Fins Per Inch, Add	*44.27*	
		For 12 Fins Per Inch, Add	*110.68*	
23 82 16 00-0109	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,930.75	1,155.76
		For 10 Fins Per Inch, Add	*52.38*	
		For 12 Fins Per Inch, Add	*130.96*	
23 82 16 00-0110	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,513.66	1,346.16
		For 10 Fins Per Inch, Add	*56.43*	
		For 12 Fins Per Inch, Add	*141.07*	

23 82 16 00-0111 Hot Water Heating Coils *(23 82 16)*

Note: Flanged construction.

23 82 16 00-0112 1 Row Hot Water Heating Coils *(23 82 16 00-0111)*

23 82 16 00-0113	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	637.66	123.57
		For 10 Fins Per Inch, Add	*7.81*	
		For 12 Fins Per Inch, Add	*19.51*	
		For 230 PSIG Heavy Duty, Add	*152.27*	
23 82 16 00-0114	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	918.78	158.36
		For 10 Fins Per Inch, Add	*12.06*	
		For 12 Fins Per Inch, Add	*30.16*	
		For 230 PSIG Heavy Duty, Add	*215.32*	
23 82 16 00-0115	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	1,145.46	217.86
		For 10 Fins Per Inch, Add	*14.19*	
		For 12 Fins Per Inch, Add	*35.48*	
		For 230 PSIG Heavy Duty, Add	*272.68*	
23 82 16 00-0116	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	1,408.51	305.74
		For 10 Fins Per Inch, Add	*15.97*	
		For 12 Fins Per Inch, Add	*39.91*	
		For 230 PSIG Heavy Duty, Add	*342.73*	
23 82 16 00-0117	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	1,619.26	366.15
		For 10 Fins Per Inch, Add	*17.74*	
		For 12 Fins Per Inch, Add	*44.35*	
		For 230 PSIG Heavy Duty, Add	*397.08*	
23 82 16 00-0118	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	1,926.51	457.69
		For 10 Fins Per Inch, Add	*20.22*	
		For 12 Fins Per Inch, Add	*50.56*	
		For 230 PSIG Heavy Duty, Add	*476.84*	
23 82 16 00-0119	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	2,152.39	508.04
		For 10 Fins Per Inch, Add	*22.71*	
		For 12 Fins Per Inch, Add	*56.77*	
		For 230 PSIG Heavy Duty, Add	*532.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0120	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	2,624.77	590.70
		For 10 Fins Per Inch, Add	*28.78*	
		For 12 Fins Per Inch, Add	*71.95*	
		For 230 PSIG Heavy Duty, Add	*643.53*	
23 82 16 00-0121	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	1,133.27	255.94
		For 10 Fins Per Inch, Add	*12.43*	
		For 12 Fins Per Inch, Add	*31.07*	
		For 230 PSIG Heavy Duty, Add	*277.85*	
23 82 16 00-0122	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	1,699.89	384.01
		For 10 Fins Per Inch, Add	*18.64*	
		For 12 Fins Per Inch, Add	*46.60*	
		For 230 PSIG Heavy Duty, Add	*416.77*	
23 82 16 00-0123	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	2,559.60	580.81
		For 10 Fins Per Inch, Add	*27.96*	
		For 12 Fins Per Inch, Add	*69.90*	
		For 230 PSIG Heavy Duty, Add	*628.09*	
23 82 16 00-0124	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	2,977.06	673.08
		For 10 Fins Per Inch, Add	*32.62*	
		For 12 Fins Per Inch, Add	*81.55*	
		For 230 PSIG Heavy Duty, Add	*730.03*	
23 82 16 00-0125	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	139.17	33.86
		For 10 Fins Per Inch, Add	*1.43*	
		For 12 Fins Per Inch, Add	*3.57*	
		For 230 PSIG Heavy Duty, Add	*34.61*	

23 82 16 00-0126 2 Row Hot Water Heating Coils *(23 82 16 00-0111)*

23 82 16 00-0127	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	979.21	152.87
		For 10 Fins Per Inch, Add	*13.48*	
		For 12 Fins Per Inch, Add	*33.70*	
		For 230 PSIG Heavy Duty, Add	*226.36*	
23 82 16 00-0128	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	1,098.66	203.22
		For 10 Fins Per Inch, Add	*13.84*	
		For 12 Fins Per Inch, Add	*34.59*	
		For 230 PSIG Heavy Duty, Add	*260.42*	
23 82 16 00-0129	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	1,514.94	305.74
		For 10 Fins Per Inch, Add	*18.09*	
		For 12 Fins Per Inch, Add	*45.23*	
		For 230 PSIG Heavy Duty, Add	*364.01*	
23 82 16 00-0130	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	1,900.65	435.72
		For 10 Fins Per Inch, Add	*20.58*	
		For 12 Fins Per Inch, Add	*51.44*	
		For 230 PSIG Heavy Duty, Add	*467.31*	
23 82 16 00-0131	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	2,229.96	538.24
		For 10 Fins Per Inch, Add	*23.06*	
		For 12 Fins Per Inch, Add	*57.65*	
		For 230 PSIG Heavy Duty, Add	*553.68*	
23 82 16 00-0132	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	2,460.74	653.59
		For 10 Fins Per Inch, Add	*23.06*	
		For 12 Fins Per Inch, Add	*57.65*	
		For 230 PSIG Heavy Duty, Add	*622.92*	
23 82 16 00-0133	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	2,802.85	763.43
		For 10 Fins Per Inch, Add	*25.54*	
		For 12 Fins Per Inch, Add	*63.86*	
		For 230 PSIG Heavy Duty, Add	*713.13*	
23 82 16 00-0134	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	3,392.92	887.01
		For 10 Fins Per Inch, Add	*32.38*	
		For 12 Fins Per Inch, Add	*80.95*	
		For 230 PSIG Heavy Duty, Add	*855.98*	
23 82 16 00-0135	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	1,464.34	382.72
		For 10 Fins Per Inch, Add	*13.98*	
		For 12 Fins Per Inch, Add	*34.95*	
		For 230 PSIG Heavy Duty, Add	*369.41*	
23 82 16 00-0136	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	2,198.42	574.96
		For 10 Fins Per Inch, Add	*20.97*	
		For 12 Fins Per Inch, Add	*52.42*	
		For 230 PSIG Heavy Duty, Add	*554.68*	
23 82 16 00-0137	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	3,306.34	866.87
		For 10 Fins Per Inch, Add	*31.45*	
		For 12 Fins Per Inch, Add	*78.63*	
		For 230 PSIG Heavy Duty, Add	*834.64*	
23 82 16 00-0138	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	3,859.98	1,012.59
		For 10 Fins Per Inch, Add	*36.70*	
		For 12 Fins Per Inch, Add	*91.74*	
		For 230 PSIG Heavy Duty, Add	*974.52*	

23 82 16 00-0139 Steam Heating Coils *(23 82 16)*

Note: Flanged construction.

23 82 16 00-0140	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	667.79	86.05
		For 2 Row Coil, Add	*234.56*	
		For 4 Row Coil, Add	*607.81*	
23 82 16 00-0141	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	769.93	118.99
		For 2 Row Coil, Add	*278.53*	
		For 4 Row Coil, Add	*718.18*	
23 82 16 00-0142	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	1,082.10	213.28
		For 2 Row Coil, Add	*409.78*	
		For 4 Row Coil, Add	*1,048.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0143	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	1,408.51	305.74
		For 2 Row Coil, Add	*544.60*	
		For 4 Row Coil, Add	*1,389.22*	
23 82 16 00-0144	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	1,601.52	366.15
		For 2 Row Coil, Add	*626.92*	
		For 4 Row Coil, Add	*1,596.11*	
23 82 16 00-0145	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	1,855.56	457.69
		For 2 Row Coil, Add	*739.75*	
		For 4 Row Coil, Add	*1,878.07*	
23 82 16 00-0146	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	2,045.95	508.04
		For 2 Row Coil, Add	*817.20*	
		For 4 Row Coil, Add	*2,074.11*	
23 82 16 00-0147	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	2,489.85	592.89
		For 2 Row Coil, Add	*984.10*	
		For 4 Row Coil, Add	*2,501.74*	
23 82 16 00-0148	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	1,075.01	255.94
		For 2 Row Coil, Add	*424.90*	
		For 4 Row Coil, Add	*1,080.15*	
23 82 16 00-0149	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	1,612.52	384.01
		For 2 Row Coil, Add	*637.34*	
		For 4 Row Coil, Add	*1,620.23*	
23 82 16 00-0150	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	2,416.84	574.96
		For 2 Row Coil, Add	*955.05*	
		For 4 Row Coil, Add	*2,427.96*	
23 82 16 00-0151	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	2,824.16	673.08
		For 2 Row Coil, Add	*1,116.48*	
		For 4 Row Coil, Add	*2,838.17*	

23 82 16 00-0152 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 00-0153	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	786.97	116.26
23 82 16 00-0154	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	971.46	115.34
23 82 16 00-0155	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,171.60	123.57
23 82 16 00-0156	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,351.31	134.56
23 82 16 00-0157	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,363.74	140.96
23 82 16 00-0158	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,625.71	148.29
23 82 16 00-0159	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,698.77	166.60
23 82 16 00-0160	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,881.45	186.73
23 82 16 00-0161	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,131.74	223.36
23 82 16 00-0162	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,314.29	234.34
23 82 16 00-0163	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,907.31	248.07
23 82 16 00-0164	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,729.17	339.60
23 82 16 00-0165	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,674.44	416.50
23 82 16 00-0166	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,391.10	435.72
23 82 16 00-0167	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,329.92	508.04

23 82 16 00-0168 Standard Electric Slip-In Blast Coil Heater *(23 82 16)*

23 82 16 00-0169 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 00-0168)*

23 82 16 00-0170	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	300.25	68.13
23 82 16 00-0171	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	311.59	73.43
23 82 16 00-0172	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	324.99	80.52
23 82 16 00-0173	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	329.51	83.16
23 82 16 00-0174	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	341.08	88.48
23 82 16 00-0175	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	354.41	95.55
23 82 16 00-0176	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	405.80	107.05
23 82 16 00-0177	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	416.59	112.37
23 82 16 00-0178	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	425.43	115.91
23 82 16 00-0179	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	438.37	122.98
23 82 16 00-0180	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	476.28	130.06
23 82 16 00-0181	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	501.46	142.45
23 82 16 00-0182	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	526.49	154.83
23 82 16 00-0183	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	551.59	167.22
23 82 16 00-0184	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	715.66	233.58
23 82 16 00-0185	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,178.72	248.62
23 82 16 00-0186	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,302.48	284.89
23 82 16 00-0187	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,526.67	315.87
23 82 16 00-0188	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,609.06	343.29
23 82 16 00-0189	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,763.27	376.91
23 82 16 00-0190	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,130.90	402.57
23 82 16 00-0191	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,335.19	432.65
23 82 16 00-0192	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,801.29	467.16
23 82 16 00-0193	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,144.21	507.85

23 82 16 00-0194 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 00-0168)*

23 82 16 00-0195	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	730.29	97.32
23 82 16 00-0196	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	763.78	106.17
23 82 16 00-0197	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	780.53	106.17
23 82 16 00-0198	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	816.72	116.78
23 82 16 00-0199	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,096.41	116.78
23 82 16 00-0200	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,123.20	116.78
23 82 16 00-0201	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,142.87	130.06
23 82 16 00-0202	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,167.44	145.99
23 82 16 00-0203	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,182.52	145.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0204	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,373.22	167.22
23 82 16 00-0205	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,634.49	167.22
23 82 16 00-0206	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,782.13	194.64
23 82 16 00-0207	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,400.13	194.64

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,202.65	148.29
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,329.73	173.01
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,474.42	194.98
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,708.96	223.36
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,909.39	234.34
		For 2-Way Valve Instead Of 3-Way, Deduct	*-100.21*	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,565.97	248.07
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.11*	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,102.78	269.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.39*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	694.72	148.29
		For 2-Way Valve Instead Of 3-Way, Deduct	*-49.76*	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	842.51	173.01
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.27*	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	995.09	194.98
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.48*	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,827.31	223.36
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.33*	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,047.47	235.25
		For 2-Way Valve Instead Of 3-Way, Deduct	*-100.21*	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,763.23	248.07
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.11*	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,477.56	269.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.39*	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,163.20	147.37
		For Fan Coil Units Without Cabinet, Deduct	*-144.95*	
		For Thru-Wall Sleeve, Add	*114.06*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-49.76*	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,331.70	173.01
		For Fan Coil Units Without Cabinet, Deduct	*-165.21*	
		For Thru-Wall Sleeve, Add	*124.09*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.27*	
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,573.05	194.98
		For Fan Coil Units Without Cabinet, Deduct	*-197.01*	
		For Thru-Wall Sleeve, Add	*132.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.48*	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,807.59	223.36
		For Fan Coil Units Without Cabinet, Deduct	*-226.49*	
		For Thru-Wall Sleeve, Add	*144.31*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.33*	
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,027.74	235.25
		For Fan Coil Units Without Cabinet, Deduct	*-257.22*	
		For Thru-Wall Sleeve, Add	*148.89*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-100.21*	
23 82 19 00-0025	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,565.97	248.07
		For Fan Coil Units Without Cabinet, Deduct	*-335.42*	
		For Thru-Wall Sleeve, Add	*153.96*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.11*	
23 82 19 00-0026	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,004.15	269.13
		For Fan Coil Units Without Cabinet, Deduct	*-396.78*	
		For Thru-Wall Sleeve, Add	*162.69*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.39*	

23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,281.55	147.37
		For Fan Coil Units Without Cabinet, Deduct	*-162.70*	
		For Thru-Wall Sleeve, Add	*114.06*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-49.76*	
23 82 19 00-0029	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,450.05	173.01
		For Fan Coil Units Without Cabinet, Deduct	*-182.96*	
		For Thru-Wall Sleeve, Add	*124.09*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-52.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0030	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,770.30	194.98
		For Fan Coil Units Without Cabinet, Deduct	*-226.59*	
		For Thru-Wall Sleeve, Add	*132.90*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-54.48*	
23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,024.57	223.36
		For Fan Coil Units Without Cabinet, Deduct	*-259.03*	
		For Thru-Wall Sleeve, Add	*144.31*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-57.33*	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,244.72	235.25
		For Fan Coil Units Without Cabinet, Deduct	*-289.77*	
		For Thru-Wall Sleeve, Add	*148.89*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-100.21*	
23 82 19 00-0033	EA	1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,664.60	248.07
		For Fan Coil Units Without Cabinet, Deduct	*-350.21*	
		For Thru-Wall Sleeve, Add	*153.96*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.11*	
23 82 19 00-0034	EA	1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,102.78	269.13
		For Fan Coil Units Without Cabinet, Deduct	*-411.57*	
		For Thru-Wall Sleeve, Add	*162.69*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-105.39*	

23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0036	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	389.19	

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demolish Cast Iron Radiator	27.45	
23 82 29 00-0003	EA	Cap Radiator	36.85	

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	36.77	
		For Wall Support Bracket, Add	*26.09*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	51.25	
		For Wall Support Bracket, Add	*27.28*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	59.33	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	74.17	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	51.52	

23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	71.28	4.81
23 82 29 00-0012	SF	Galvanized Steel Radiator Cover Note: Primed and painted.	45.59	4.81

23 82 29 00-0013 Radiator Shields *(23 82 29)*

23 82 29 00-0014	SF	Stainless Steel Radiator Shield	47.55	4.81
23 82 29 00-0015	SF	Galvanized Steel Radiator Shield Note: Primed and painted.	23.00	4.81

23 82 29 00-0016 Remove And Reinstall Radiator *(23 82 29)*

Note: Includes storage and cleaning.

23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	68.66	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	45.77	

23 82 33 Convectors *(23 82)*

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	400.93	100.69
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*51.77*	
		For Snap-On Inlet Grille, Add	*40.51*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*86.93*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	469.99	109.85
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*55.93*	
		For Snap-On Inlet Grille, Add	*43.29*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*106.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	541.72	129.98
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*65.03*	
		For Snap-On Inlet Grille, Add	*49.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*120.73*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	647.43	151.04
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*74.65*	
		For Snap-On Inlet Grille, Add	*55.76*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*146.51*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	772.37	181.25
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*88.37*	
		For Snap-On Inlet Grille, Add	*64.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*174.23*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	867.68	199.37
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*96.60*	
		For Snap-On Inlet Grille, Add	*70.40*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*197.99*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,010.92	241.66
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*115.81*	
		For Snap-On Inlet Grille, Add	*83.21*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*225.71*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,101.70	256.77
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*122.68*	
		For Snap-On Inlet Grille, Add	*87.79*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*249.47*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,204.00	286.97
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*136.40*	
		For Snap-On Inlet Grille, Add	*96.93*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*269.27*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,329.00	317.18
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*150.14*	
		For Snap-On Inlet Grille, Add	*106.09*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*296.99*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,431.31	347.38
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*163.86*	
		For Snap-On Inlet Grille, Add	*115.24*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*316.79*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	474.61	132.46
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*65.60*	
		For Snap-On Inlet Grille, Add	*49.73*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*96.59*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	556.82	153.88
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*75.21*	
		For Snap-On Inlet Grille, Add	*56.14*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*114.15*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	672.23	180.70
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*87.25*	
		For Snap-On Inlet Grille, Add	*64.17*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*140.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	785.22	201.48
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*96.57*	
		For Snap-On Inlet Grille, Add	*70.38*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*169.16*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	914.28	226.56
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*107.86*	
		For Snap-On Inlet Grille, Add	*77.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*201.16*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,021.04	245.42
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*116.38*	
		For Snap-On Inlet Grille, Add	*83.58*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*228.59*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,164.46	279.65
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*131.97*	
		For Snap-On Inlet Grille, Add	*93.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*260.60*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,268.15	296.76
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*139.57*	
		For Snap-On Inlet Grille, Add	*99.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*288.03*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,373.09	323.59
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*151.46*	
		For Snap-On Inlet Grille, Add	*106.97*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*310.88*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,504.56	349.86
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*163.46*	
		For Snap-On Inlet Grille, Add	*114.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*342.89*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,605.89	373.93
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*174.27*	
		For Snap-On Inlet Grille, Add	*122.18*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*365.75*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	547.52	161.11
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*79.19*	
		For Snap-On Inlet Grille, Add	*58.79*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*106.24*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	654.02	194.98
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*94.58*	
		For Snap-On Inlet Grille, Add	*69.06*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*125.56*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	786.70	227.93
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*109.55*	
		For Snap-On Inlet Grille, Add	*79.03*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*154.54*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	906.92	247.70
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*118.58*	
		For Snap-On Inlet Grille, Add	*85.06*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*186.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,037.39	267.66
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*127.55*	
		For Snap-On Inlet Grille, Add	*91.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*221.27*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,153.09	286.97
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*136.40*	
		For Snap-On Inlet Grille, Add	*96.93*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*251.45*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,290.47	311.14
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*147.44*	
		For Snap-On Inlet Grille, Add	*104.29*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*286.65*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,407.07	331.09
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*156.56*	
		For Snap-On Inlet Grille, Add	*110.37*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*316.83*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,511.87	353.43
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*166.44*	
		For Snap-On Inlet Grille, Add	*116.96*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*341.97*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,645.35	374.58
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*176.31*	
		For Snap-On Inlet Grille, Add	*123.54*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*377.17*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,744.19	392.70
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*184.41*	
		For Snap-On Inlet Grille, Add	*128.94*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*402.32*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	453.80	95.13
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	500.61	95.13

23 82 33 00-0042 6" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	522.22	95.13
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	594.24	95.13
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	657.25	95.13
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	756.27	95.13

23 82 36 Finned-Tube Radiation Heaters *(23 82)*

23 82 36 00-0001 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0002 Electric Wall Heating 10" Enclosure *(23 82 36 00-0001)*

23 82 36 00-0003	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	110.78	52.85
23 82 36 00-0004	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	112.94	52.85

23 82 36 00-0005 Electric Wall Heating 16" Enclosure *(23 82 36 00-0001)*

23 82 36 00-0006	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	132.39	52.85
23 82 36 00-0007	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	137.79	52.85

23 82 36 00-0008 Finned Tube Baseboard Units *(23 82 36)*

Note: Complete with steel enclosure. Single heating element.

23 82 36 00-0009 3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0010	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	269.30	35.70
		For 90 Degree Corner, Add	*44.54*	
		For Valve Enclosure, Add	*44.54*	
		For Filler Piece, Add	*37.54*	
		For End Cap, Add	*30.45*	
		For Copper Tube With Aluminum Fins, Add	*5.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0011	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	352.91	54.00
		For 90 Degree Corner, Add	*51.61*	
		For Valve Enclosure, Add	*51.61*	
		For Filler Piece, Add	*44.61*	
		For End Cap, Add	*35.05*	
		For Copper Tube With Aluminum Fins, Add	*7.97*	
23 82 36 00-0012	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	422.00	71.40
		For 90 Degree Corner, Add	*55.77*	
		For Valve Enclosure, Add	*55.77*	
		For Filler Piece, Add	*48.77*	
		For End Cap, Add	*37.75*	
		For Copper Tube With Aluminum Fins, Add	*10.62*	
23 82 36 00-0013	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	525.78	99.96
		For 90 Degree Corner, Add	*67.12*	
		For Valve Enclosure, Add	*67.12*	
		For Filler Piece, Add	*60.12*	
		For End Cap, Add	*45.13*	
		For Copper Tube With Aluminum Fins, Add	*13.21*	
23 82 36 00-0014	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	629.19	120.10
		For 90 Degree Corner, Add	*78.65*	
		For Valve Enclosure, Add	*78.65*	
		For Filler Piece, Add	*71.65*	
		For End Cap, Add	*52.62*	
		For Copper Tube With Aluminum Fins, Add	*15.73*	
23 82 36 00-0015	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	709.27	128.15
		For 90 Degree Corner, Add	*83.23*	
		For Valve Enclosure, Add	*83.23*	
		For Filler Piece, Add	*76.23*	
		For End Cap, Add	*55.60*	
		For Copper Tube With Aluminum Fins, Add	*18.87*	
23 82 36 00-0016	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	782.05	141.61
		For 90 Degree Corner, Add	*90.92*	
		For Valve Enclosure, Add	*90.92*	
		For Filler Piece, Add	*83.92*	
		For End Cap, Add	*60.60*	
		For Copper Tube With Aluminum Fins, Add	*20.76*	
23 82 36 00-0017	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	892.31	160.20
		For 90 Degree Corner, Add	*101.54*	
		For Valve Enclosure, Add	*101.54*	
		For Filler Piece, Add	*94.54*	
		For End Cap, Add	*67.50*	
		For Copper Tube With Aluminum Fins, Add	*23.90*	
23 82 36 00-0018	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	983.88	176.21
		For 90 Degree Corner, Add	*110.70*	
		For Valve Enclosure, Add	*110.70*	
		For Filler Piece, Add	*103.70*	
		For End Cap, Add	*73.46*	
		For Copper Tube With Aluminum Fins, Add	*26.42*	

23 82 36 00-0019 1" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0020	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	310.70	35.70
		For 90 Degree Corner, Add	*44.54*	
		For Valve Enclosure, Add	*44.54*	
		For Filler Piece, Add	*37.54*	
		For End Cap, Add	*30.45*	
		For Copper Tube With Aluminum Fins, Add	*7.59*	
23 82 36 00-0021	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	415.01	54.00
		For 90 Degree Corner, Add	*51.61*	
		For Valve Enclosure, Add	*51.61*	
		For Filler Piece, Add	*44.61*	
		For End Cap, Add	*35.05*	
		For Copper Tube With Aluminum Fins, Add	*11.38*	
23 82 36 00-0022	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	504.80	71.40
		For 90 Degree Corner, Add	*55.77*	
		For Valve Enclosure, Add	*55.77*	
		For Filler Piece, Add	*48.77*	
		For End Cap, Add	*37.75*	
		For Copper Tube With Aluminum Fins, Add	*15.18*	
23 82 36 00-0023	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	628.83	99.96
		For 90 Degree Corner, Add	*67.14*	
		For Valve Enclosure, Add	*67.14*	
		For Filler Piece, Add	*60.14*	
		For End Cap, Add	*45.14*	
		For Copper Tube With Aluminum Fins, Add	*18.87*	
23 82 36 00-0024	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	751.59	120.10
		For 90 Degree Corner, Add	*78.62*	
		For Valve Enclosure, Add	*78.62*	
		For Filler Piece, Add	*71.62*	
		For End Cap, Add	*52.60*	
		For Copper Tube With Aluminum Fins, Add	*22.47*	
23 82 36 00-0025	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	856.34	128.15
		For 90 Degree Corner, Add	*83.23*	
		For Valve Enclosure, Add	*83.23*	
		For Filler Piece, Add	*76.23*	
		For End Cap, Add	*55.60*	
		For Copper Tube With Aluminum Fins, Add	*26.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0026	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	943.52	141.61
		For 90 Degree Corner, Add	*90.86*	
		For Valve Enclosure, Add	*90.86*	
		For Filler Piece, Add	*83.86*	
		For End Cap, Add	*60.56*	
		For Copper Tube With Aluminum Fins, Add	*29.66*	
23 82 36 00-0027	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,078.59	160.20
		For 90 Degree Corner, Add	*101.54*	
		For Valve Enclosure, Add	*101.54*	
		For Filler Piece, Add	*94.54*	
		For End Cap, Add	*67.50*	
		For Copper Tube With Aluminum Fins, Add	*34.15*	
23 82 36 00-0028	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,189.22	176.21
		For 90 Degree Corner, Add	*110.59*	
		For Valve Enclosure, Add	*110.59*	
		For Filler Piece, Add	*103.59*	
		For End Cap, Add	*73.38*	
		For Copper Tube With Aluminum Fins, Add	*37.74*	

23 82 36 00-0029 1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0030	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	352.09	35.70
		For 90 Degree Corner, Add	*44.54*	
		For Valve Enclosure, Add	*44.54*	
		For Filler Piece, Add	*37.54*	
		For End Cap, Add	*30.45*	
		For Copper Tube With Aluminum Fins, Add	*9.87*	
23 82 36 00-0031	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	477.10	54.00
		For 90 Degree Corner, Add	*51.61*	
		For Valve Enclosure, Add	*51.61*	
		For Filler Piece, Add	*44.61*	
		For End Cap, Add	*35.05*	
		For Copper Tube With Aluminum Fins, Add	*14.80*	
23 82 36 00-0032	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	587.58	71.40
		For 90 Degree Corner, Add	*55.77*	
		For Valve Enclosure, Add	*55.77*	
		For Filler Piece, Add	*48.77*	
		For End Cap, Add	*37.75*	
		For Copper Tube With Aluminum Fins, Add	*19.73*	
23 82 36 00-0033	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	731.77	99.96
		For 90 Degree Corner, Add	*67.14*	
		For Valve Enclosure, Add	*67.14*	
		For Filler Piece, Add	*60.14*	
		For End Cap, Add	*45.14*	
		For Copper Tube With Aluminum Fins, Add	*24.53*	
23 82 36 00-0034	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	874.13	120.10
		For 90 Degree Corner, Add	*78.62*	
		For Valve Enclosure, Add	*78.62*	
		For Filler Piece, Add	*71.62*	
		For End Cap, Add	*52.60*	
		For Copper Tube With Aluminum Fins, Add	*29.21*	
23 82 36 00-0035	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,003.39	128.15
		For 90 Degree Corner, Add	*83.23*	
		For Valve Enclosure, Add	*83.23*	
		For Filler Piece, Add	*76.23*	
		For End Cap, Add	*55.60*	
		For Copper Tube With Aluminum Fins, Add	*35.05*	
23 82 36 00-0036	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,105.29	141.61
		For 90 Degree Corner, Add	*90.86*	
		For Valve Enclosure, Add	*90.86*	
		For Filler Piece, Add	*83.86*	
		For End Cap, Add	*60.56*	
		For Copper Tube With Aluminum Fins, Add	*38.55*	
23 82 36 00-0037	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,264.86	160.20
		For 90 Degree Corner, Add	*101.54*	
		For Valve Enclosure, Add	*101.54*	
		For Filler Piece, Add	*94.54*	
		For End Cap, Add	*67.50*	
		For Copper Tube With Aluminum Fins, Add	*44.39*	
23 82 36 00-0038	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,395.10	176.21
		For 90 Degree Corner, Add	*110.59*	
		For Valve Enclosure, Add	*110.59*	
		For Filler Piece, Add	*103.59*	
		For End Cap, Add	*73.38*	
		For Copper Tube With Aluminum Fins, Add	*49.07*	

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Electric Cabinet Unit Heaters *(23 82 39 13)*

Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,208.14	120.11
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,225.42	120.11
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,242.69	120.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,259.95	120.11
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,277.22	120.11
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,294.49	120.11
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,312.45	120.11
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	160.47	79.76
23 82 39 13-0011		Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,349.44	144.13
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,383.99	144.13
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,418.52	144.13
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,453.06	144.13
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,487.59	144.13
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,522.14	144.13
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,556.67	144.13
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	192.17	96.08
23 82 39 13-0020		Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,951.85	192.17
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,986.38	192.17
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,020.92	192.17
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,055.45	192.17
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,089.99	192.17
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,124.52	192.17
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	240.21	120.11
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,485.18	240.21
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,536.99	240.21
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,588.79	240.21
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,640.59	240.21
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,692.41	240.21
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,744.21	240.21
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,796.01	240.21
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	320.93	160.47
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,087.57	288.26
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,156.65	288.26
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,225.72	288.26
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,294.80	288.26
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,363.87	288.26
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,432.95	288.26
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,502.02	288.26
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	384.34	192.17
23 82 39 13-0046		Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	251.73	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	434.82	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	519.02	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	702.10	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	666.68	91.54
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	667.99	91.54
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	743.82	91.54
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	914.26	137.31
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	953.06	137.31
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,010.82	137.31
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,216.07	183.08
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,332.45	183.08
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,406.51	183.08
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,466.47	183.08
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2.000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,658.52	228.84
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,678.80	228.84
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,698.20	228.84
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,813.48	274.61
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,965.13	274.61
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,242.84	320.38
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,792.11	320.38
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,973.50	366.15
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,537.76	366.15
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	180.21	22.89

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	966.29	91.54
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,008.16	137.31
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,084.43	137.31
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,335.11	183.08
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,410.04	183.08
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,677.71	274.61
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,792.33	274.61
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,888.44	274.61
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,111.46	320.38
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,225.21	320.38
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,455.31	320.38
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,848.15	411.92
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,613.43	411.92
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,847.95	411.92
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,378.56	457.69
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	245.45	22.89

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	549.23
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	732.31

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	653.15	96.08
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	653.15	96.08
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	874.73	120.11
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,004.27	144.13
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,462.53	192.17
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,124.20	240.21
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	2,925.15	288.26
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,262.48	336.30
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	803.01	96.08
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	773.75	96.08
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	917.56	120.11
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,059.99	144.13
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	1,573.98	192.17

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	279.02	54.77
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	315.73	67.26
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	493.81	67.26
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	313.63	60.06
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	379.90	67.26
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	557.97	67.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	412.59	79.27
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	744.05	84.07
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	833.12	84.07
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	963.64	88.88
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,041.84	88.88
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	458.85	79.27
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	816.92	84.07
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	905.99	84.07

23 82 39 19-0030 Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0031	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	329.56	
23 82 39 19-0032	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	677.46	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 00-0001 Self Regulating Heating Cable *(23 83 13)*

23 83 13 00-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.18	0.63
		For TPE Covering, Add	*0.98*	
23 83 13 00-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.65	0.63
		For TPE Covering, Add	*1.10*	
23 83 13 00-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	6.08	0.63
		For TPE Covering, Add	*1.21*	
23 83 13 00-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.32	0.63
		For TPE Covering, Add	*1.02*	
23 83 13 00-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F	5.79	0.63
		For TPE Covering, Add	*1.13*	
23 83 13 00-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	6.27	0.63
		For TPE Covering, Add	*1.25*	
23 83 13 00-0008	EA	Power Connection Kit Note: Includes pre-set thermostat.	197.13	49.68
23 83 13 00-0009	EA	Splice And Tee Kit	197.13	49.68
23 83 13 00-0010	EA	End Seal Kit	115.84	9.03
23 83 13 00-0011	EA	Ambient Air Sensing Thermostat	312.99	22.58
23 83 13 00-0012	EA	Line Sensing Thermostat Note: Mechanical or electronic.	343.41	22.58

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 00-0001 Residential Humidifiers *(23 84 13)*

Note: Includes solenoid valve and flow through water supply.

23 84 13 00-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	369.19	45.77

23 84 13 00-0003 Steam Type Pneumatically Controlled *(23 84 13)*

Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

23 84 13 00-0004	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,194.32	241.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*370.50*	
23 84 13 00-0005	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,194.32	241.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*370.50*	
23 84 13 00-0006	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	1,665.17	241.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*511.76*	
23 84 13 00-0007	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	1,756.71	302.08
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*542.27*	
23 84 13 00-0008	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,439.37	241.66
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*744.02*	
23 84 13 00-0009	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	2,530.91	302.08
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*774.53*	
23 84 13 00-0010	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,740.60	302.08
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,137.44*	
23 84 13 00-0011	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	3,855.03	378.06
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,175.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 00-0012		Electric Steam Humidifiers, Self-Steam Producing *(23 84 13)*		
		Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.		
23 84 13 00-0013	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	6,859.53	377.14
23 84 13 00-0014	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	8,649.13	378.06
23 84 16		**Mechanical Dehumidification Units** *(23 84)*		
23 84 16 16		**Indoor, Mechanical Dehumidification Units** *(23 84 16)*		
23 84 16 16-0001		Mechanical Dehumidification Units *(23 84 16 16)*		
		Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	1,235.55	48.05
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	1,550.47	56.04
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,068.18	64.06
23 84 16 33		**Portable Dehumidifiers** *(23 84 16)*		
23 84 16 33-0001		Self Contained Free Standing Unit *(23 84 16 33)*		
		Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA	12 Pint/24 Hour Dehumidifier	492.54	103.79
23 84 16 33-0003	EA	15 Pint/24 Hour Dehumidifier	529.76	103.79
23 84 16 33-0004	EA	20 Pint/24 Hour Dehumidifier	596.76	103.79
23 84 16 33-0005	EA	30 Pint/24 Hour Dehumidifier	678.65	103.79
23 84 16 33-0006	EA	40 Pint/24 Hour Dehumidifier	715.87	103.79
23 84 16 33-0007	EA	65 Pint/24 Hour Dehumidifier	788.16	103.79

END OF SECTION 23

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*
Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	296.82	
		For Up To 20, Add	*60.32*	
		For >20 To 50, Add	*48.26*	
		For >50 To 100, Add	*24.13*	
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	383.30	
		For Up To 20, Add	*81.94*	
		For >20 To 50, Add	*65.55*	
		For >50 To 100, Add	*32.78*	
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	573.56	
		For Up To 20, Add	*129.51*	
		For >20 To 50, Add	*103.60*	
		For >50 To 100, Add	*51.80*	
26 01 10 91-0005	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	294.35	
		For Up To 20, Add	*59.70*	
		For >20 To 50, Add	*47.76*	
		For >50 To 100, Add	*23.88*	
26 01 10 91-0006	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	295.88	
		For Up To 20, Add	*60.09*	
		For >20 To 50, Add	*48.07*	
		For >50 To 100, Add	*24.03*	
26 01 10 91-0007	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	376.26	
		For Up To 20, Add	*80.18*	
		For >20 To 50, Add	*64.14*	
		For >50 To 100, Add	*32.07*	
26 01 10 91-0008	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	557.92	
		For Up To 20, Add	*125.60*	
		For >20 To 50, Add	*100.48*	
		For >50 To 100, Add	*50.24*	
26 01 10 91-0009	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	234.55	
		For Up To 20, Add	*44.75*	
		For >20 To 50, Add	*35.80*	
		For >50 To 100, Add	*17.90*	
26 01 10 91-0010	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	327.95	
		For Up To 20, Add	*68.10*	
		For >20 To 50, Add	*54.48*	
		For >50 To 100, Add	*27.24*	
26 01 10 91-0011	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	464.16	
		For Up To 20, Add	*102.16*	
		For >20 To 50, Add	*81.72*	
		For >50 To 100, Add	*40.86*	
26 01 10 91-0012	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	423.74	
		For Up To 20, Add	*92.05*	
		For >20 To 50, Add	*73.64*	
		For >50 To 100, Add	*36.82*	
26 01 10 91-0013	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	580.01	
		For Up To 20, Add	*131.12*	
		For >20 To 50, Add	*104.89*	
		For >50 To 100, Add	*52.45*	
26 01 10 91-0014	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,057.28	
		For Up To 20, Add	*250.44*	
		For >20 To 50, Add	*200.35*	
		For >50 To 100, Add	*100.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	485.85	
		For Up To 20, Add	*107.58*	
		For >20 To 50, Add	*86.06*	
		For >50 To 100, Add	*43.03*	
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	712.11	
		For Up To 20, Add	*164.14*	
		For >20 To 50, Add	*131.31*	
		For >50 To 100, Add	*65.66*	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*
Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect	22.58
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	22.58
26 01 20 91-0004	EA	Lock Out/Tag Out Tags	3.24

26 01 20 91-0005 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0006	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	18.79
26 01 20 91-0007	EA	Lighting, Existing Circuit Tracing Per Circuit	18.79

26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating And Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0002 Air Pollution Control Board *(26 01 30 91-0001)*

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	2,511.99

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*
Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0132 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	49.46
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	64.99
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	98.72
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	20.48

26 01 50 51-0007 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0008	EA	100 Watt, Frosted, Interior Incandescent Lamp	5.03
		For Multiple Lamps In Fixture, Deduct	*-1.39*
26 01 50 51-0009	EA	150 Watt, Frosted, Interior Incandescent Lamp	6.82
		For Multiple Lamps In Fixture, Deduct	*-1.39*
26 01 50 51-0010	EA	200 Watt, Frosted, Interior Incandescent Lamp	8.79
		For Multiple Lamps In Fixture, Deduct	*-1.39*
26 01 50 51-0011	EA	300 Watt, PS25, Interior Incandescent Lamp	11.27
		For Multiple Lamps In Fixture, Deduct	*-1.39*
26 01 50 51-0012	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	7.93
		For Multiple Lamps In Fixture, Deduct	*-1.39*
26 01 50 51-0013	EA	75 Watt, R20, Interior Incandescent Lamp	13.35
		For Multiple Lamps In Fixture, Deduct	*-1.67*
26 01 50 51-0014	EA	75 Watt, PAR38, Exterior Incandescent Lamp	16.82
		For Multiple Lamps In Fixture, Deduct	*-1.67*
26 01 50 51-0015	EA	100 Watt, PAR38, Exterior Incandescent Lamp	15.43
		For Multiple Lamps In Fixture, Deduct	*-1.67*
26 01 50 51-0016	EA	150 Watt, PAR38, Exterior Incandescent Lamp	28.59
		For Multiple Lamps In Fixture, Deduct	*-1.67*
26 01 50 51-0017	EA	250 Watt, PAR38, Exterior Incandescent Lamp	61.30
		For Multiple Lamps In Fixture, Deduct	*-1.95*
26 01 50 51-0018	EA	300 Watt, PAR56, Exterior Incandescent Lamp	70.95
		For Multiple Lamps In Fixture, Deduct	*-1.95*

26 01 50 51-0019 Exit Light Lamps *(26 01 50 51-0001)*

26 01 50 51-0020	EA	Convert Exit Light Lamps To Red LED Lamps	88.06
		For Green LED Lamps, Add	*25.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0021	EA	Fluorescent Lamp For Exit Light	25.55	
		For Multiple Lamps In Fixture, Deduct	*-5.56*	
26 01 50 51-0022	EA	Lamp Replacement For Emergency Lights On Exit Sign	39.91	
		For Multiple Lamps In Fixture, Deduct	*-2.78*	

26 01 50 51-0023 Fluorescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0024	EA	18", 15 Watt, T8 Fluorescent Lamp	8.32	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0025	EA	2', 17 Watt, T8 Fluorescent Lamp	9.68	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0026	EA	3', 25 Watt, T8 Fluorescent Lamp	11.08	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0027	EA	4', 32 Watt, T8 Fluorescent Lamp	10.42	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0028	EA	4', 30 Watt, T8 Fluorescent Lamp	13.42	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0029	EA	4', 28 Watt, T8 Fluorescent Lamp	11.99	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0030	EA	4', 25 Watt, T8 Fluorescent Lamp	11.94	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0031	EA	4', 44 Watt, T8HO Fluorescent Lamp	18.08	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0032	EA	8', 59 Watt, T8 Fluorescent Lamp	14.22	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0033	EA	18", 15 Watt, T12 Fluorescent Lamp	11.74	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0034	EA	2', 20 Watt, T12 Fluorescent Lamp	9.29	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0035	EA	3', 30 Watt, T12 Fluorescent Lamp	10.43	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0036	EA	4', 34 Watt, T12 Fluorescent Lamp	10.48	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0037	EA	4', 40 Watt, T12 Fluorescent Lamp	10.30	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0038	EA	8', 60 Watt, T12 Fluorescent Lamp	14.54	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0039	EA	8', 75 Watt, T12 Fluorescent Lamp	12.56	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0040	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	19.71	
26 01 50 51-0041	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	11.87	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0042	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	10.05	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0043	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	9.77	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0044	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	10.64	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0045	EA	6", 4 Watt, T5 Fluorescent Lamp	9.06	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0046	EA	9", 6 Watt, T5 Fluorescent Lamp	8.93	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0047	EA	12", 8 Watt, T5 Fluorescent Lamp	9.17	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0048	EA	21", 13 Watt, T5 Fluorescent Lamp	9.51	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0049	EA	24", 14 Watt, T5 Fluorescent Lamp	10.72	
		For Multiple Lamps In Fixture, Deduct	*-2.23*	
26 01 50 51-0050	EA	34", 21 Watt, T5 Fluorescent Lamp	11.71	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0051	EA	46", 28 Watt, T5 Fluorescent Lamp	11.40	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0052	EA	46", 54 Watt T5HO Fluorescent Lamp	12.31	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0053	EA	46", 54 Watt T5 Fluorescent Lamp	14.47	
26 01 50 51-0054	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	16.91	
		For Multiple Lamps In Fixture, Deduct	*-2.78*	
26 01 50 51-0055	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	16.38	
		For Multiple Lamps In Fixture, Deduct	*-2.78*	
26 01 50 51-0056	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	14.40	
		For Multiple Lamps In Fixture, Deduct	*-1.39*	
26 01 50 51-0057	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	6.90	
		For Multiple Lamps In Fixture, Deduct	*-1.39*	
26 01 50 51-0058	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	7.52	
		For Multiple Lamps In Fixture, Deduct	*-1.39*	
26 01 50 51-0059	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	19.06	
26 01 50 51-0060	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	19.06	
26 01 50 51-0061	EA	32 Watt 2D (DoubleD) Fluorescent Lamp	33.91	
26 01 50 51-0062	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	12.93	

26 01 50 51-0063 Mercury Vapor Lamps *(26 01 50 51-0001)*

26 01 50 51-0064	EA	100 Watt, Mercury Vapor Lamp	28.72	
26 01 50 51-0065	EA	175 Watt, Mercury Vapor Lamp	26.34	
26 01 50 51-0066	EA	250 Watt, Mercury Vapor Lamp	25.15	
26 01 50 51-0067	EA	400 Watt, Mercury Vapor Lamp	30.19	
26 01 50 51-0068	EA	1,000 Watt, Mercury Vapor Lamp	50.46	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 51-0069 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0070	EA	50 Watt, Pulse Start Metal Halide Lamp	27.59
26 01 50 51-0071	EA	70 Watt, Pulse Start Metal Halide Lamp	27.59
26 01 50 51-0072	EA	100 Watt, Pulse Start Metal Halide Lamp	31.38
26 01 50 51-0073	EA	150 Watt, Pulse Start Metal Halide Lamp	34.24
26 01 50 51-0074	EA	175 Watt, Probe Start Metal Halide Lamp	27.40
26 01 50 51-0075	EA	175 Watt, Pulse Start Metal Halide Lamp	39.21
26 01 50 51-0076	EA	250 Watt, Probe Start Metal Halide Lamp	26.90
26 01 50 51-0077	EA	250 Watt, Pulse Start Metal Halide Lamp	29.78
26 01 50 51-0078	EA	400 Watt, Probe Start Metal Halide Lamp	31.96
26 01 50 51-0079	EA	400 Watt, Pulse Start Metal Halide Lamp	32.80
26 01 50 51-0080	EA	1,000 Watt, Probe Start Metal Halide Lamp	33.74
26 01 50 51-0081	EA	1,000 Watt, Pulse Start Metal Halide Lamp	48.26
26 01 50 51-0082	EA	1,500 Watt, Pulse Start Metal Halide Lamp	41.51

26 01 50 51-0083 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0084	EA	35 Watt, High Pressure Sodium Lamp	24.68
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0085	EA	50 Watt, High Pressure Sodium Lamp	24.68
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0086	EA	70 Watt, High Pressure Sodium Lamp	25.16
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0087	EA	100 Watt, High Pressure Sodium Lamp	26.08
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0088	EA	150 Watt, High Pressure Sodium Lamp	25.16
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0089	EA	250 Watt, High Pressure Sodium Lamp	25.16
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0090	EA	400 Watt, High Pressure Sodium Lamp	23.80
		For Enclosed And Gasket Light Fixtures, Add	*2.15*
26 01 50 51-0091	EA	1,000 Watt, High Pressure Sodium Lamp	51.43

26 01 50 51-0092 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0093	EA	35 Watt, Low Pressure Sodium Lamp	57.66
26 01 50 51-0094	EA	55 Watt, Low Pressure Sodium Lamp	63.96
26 01 50 51-0095	EA	70 Watt, Low Pressure Sodium Lamp	65.38
26 01 50 51-0096	EA	90 Watt, Low Pressure Sodium Lamp	66.80
26 01 50 51-0097	EA	135 Watt, Low Pressure Sodium Lamp	72.47
26 01 50 51-0098	EA	180 Watt, Low Pressure Sodium Lamp	98.01

26 01 50 51-0099 LED Lamps *(26 01 50 51-0001)*

26 01 50 51-0100	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	10.05
26 01 50 51-0101	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	13.03
26 01 50 51-0102	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	13.03
26 01 50 51-0103	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	21.03
26 01 50 51-0104	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	15.05
26 01 50 51-0105	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	26.03
26 01 50 51-0106	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	17.77
26 01 50 51-0107	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	16.08
26 01 50 51-0108	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	20.57
26 01 50 51-0109	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.58
26 01 50 51-0110	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	22.57
26 01 50 51-0111	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.58
26 01 50 51-0112	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	19.37
26 01 50 51-0113	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	25.58
26 01 50 51-0114	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	25.58
26 01 50 51-0115	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	24.58
26 01 50 51-0116	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	23.58
26 01 50 51-0117	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	23.58
26 01 50 51-0118	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	43.78
26 01 50 51-0119	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	25.58
26 01 50 51-0120	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	24.58
26 01 50 51-0121	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	25.58
26 01 50 51-0122	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	25.58
26 01 50 51-0123	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	14.08
26 01 50 51-0124	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	17.77
26 01 50 51-0125	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	19.37

26 01 50 51-0126 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0001)*

26 01 50 51-0127	EA	2', 1,250 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	23.35
		For Multiple Lamps In Fixture, Deduct	*-2.23*
26 01 50 51-0128	EA	2', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	29.88
		For Multiple Lamps In Fixture, Deduct	*-2.23*
26 01 50 51-0129	EA	3', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	25.55
		For Multiple Lamps In Fixture, Deduct	*-2.50*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0130	EA	4', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	27.45	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	
26 01 50 51-0131	EA	4', 2,200 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	29.90	
		For Multiple Lamps In Fixture, Deduct	*-2.50*	

26 01 50 51-0132 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

26 01 50 51-0133	EA	Recycle 2' Length Linear Fluorescent Lamps	0.24	
26 01 50 51-0134	EA	Recycle 3' Length Linear Fluorescent Lamps	0.36	
26 01 50 51-0135	EA	Recycle 4' Length Linear Fluorescent Lamps	0.48	
26 01 50 51-0136	EA	Recycle 6' Length Linear Fluorescent Lamps	0.72	
26 01 50 51-0137	EA	Recycle 8' Length Linear Fluorescent Lamps	0.96	
26 01 50 51-0138	EA	Recycle Compact Fluorescent Lamps	0.43	
26 01 50 51-0139	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	0.43	
26 01 50 51-0140	EA	Recycle High Intensity Discharge (HID) Lamps	1.50	

26 01 50 52 Ballasts And Accessories *(26 01 50)*

26 01 50 52-0001 Lighting Ballasts *(26 01 50 52)*

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 52-0002 Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0003 T5 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0004 T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0005 14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	61.99	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*3.17*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	66.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*3.17*	

26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	61.99	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*3.17*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	66.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*3.17*	

26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	61.99	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*3.17*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	66.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*3.17*	

26 01 50 52-0014 35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	61.99	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	66.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0017 54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	61.92	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	66.14	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	89.31	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	93.52	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0022 High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0023 12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	52.98	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	57.20	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 52-0026 24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	67.37	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	71.59	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0029 39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	67.37	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	71.59	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0032 54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*

26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	52.98	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	57.20	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0035 Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

26 01 50 52-0036 Step Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*
Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0037 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast *(26 01 50 52-0036)*

26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	68.51	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0039 Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*
Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0040 54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)*

26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	203.70	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	202.48	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0043 T8 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0044 T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*
Note: Includes 120/277 Volt and low or normal ballast factor.

26 01 50 52-0045 17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	30.63	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	49.18	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	34.85	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	53.40	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.32	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*7.51*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.46	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*4.31*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	48.65	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*19.01*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	66.89	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*11.09*	

26 01 50 52-0054 25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	30.63	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	49.18	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	34.85	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	53.40	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*5.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.32	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*7.51*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.46	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*4.31*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	48.65	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*19.01*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	66.89	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*11.09*	

26 01 50 52-0063 28 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	30.63	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	49.18	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	34.85	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	53.40	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.32	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*7.51*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.46	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*4.31*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	48.65	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*19.01*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	66.89	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*11.09*	

26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	30.63	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	49.18	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	34.85	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*7.71*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	53.40	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.32	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*7.51*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.46	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*4.31*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	48.65	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*19.01*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	66.89	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*11.09*	

26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	45.25	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*3.30*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	49.18	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	49.47	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*3.30*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	53.40	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*5.07*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	61.41	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
		For High Ballast Factor, Add	*2.03*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.46	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	65.62	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
		For High Ballast Factor, Add	*2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	66.89	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	52.98	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
		For High Ballast Factor, Add	*7.06*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	57.20	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
		For High Ballast Factor, Add	*7.06*	

26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	62.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	80.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	67.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	84.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	62.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	80.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	67.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	84.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	62.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	80.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	67.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	84.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	62.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	80.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	67.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	84.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

26 01 50 52-0115 Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and high ballast factor.

26 01 50 52-0116 17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.97	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	89.55	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	93.77	37.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0123 25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.97	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0127		EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0128		EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	89.55	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0129		EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	93.77	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0130 28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0131		EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0132		EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0133		EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.97	25.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0134		EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0135		EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	89.55	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0136		EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	93.77	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0137 32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0138		EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0139		EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0140		EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.97	25.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0141		EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0142		EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	89.55	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0143		EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	93.77	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0144 40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*

26 01 50 52-0145		EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0146		EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0147		EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.97	25.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0148		EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0149		EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	89.55	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0150		EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	93.77	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0151 Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and high ballast factor.

26 01 50 52-0152 17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0153		EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0154		EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0155		EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	49.75	25.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0156		EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0157		EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	85.70	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0158		EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0159 25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0160		EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0161		EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0162		EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	49.75	25.28
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0163		EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0164		EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	85.70	33.71
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0165		EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	37.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 52-0166 28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	49.75	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	85.70	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	37.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	49.75	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	85.70	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	37.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	39.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	44.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	49.75	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	61.23	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	85.70	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	89.92	37.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	

26 01 50 52-0187 Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0188 17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	76.12	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	80.34	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	96.03	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	100.24	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0193 25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	76.12	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	80.34	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	96.03	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	100.24	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0198 28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	76.12	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	80.34	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	96.03	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	100.24	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0203 32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	76.12	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	80.34	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	96.03	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	100.24	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0208 T10 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0209 T10 Fluorescent Electronic Ballasts *(26 01 50 52-0208)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0210 40 Watt, T10 Fluorescent Electronic Ballasts *(26 01 50 52-0209)*

26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	40.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	45.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	55.01	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 01 50 52-0214 T12 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0215 T12 Fluorescent Electronic Ballasts *(26 01 50 52-0214)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0216 25 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	30.63	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	40.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	34.85	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	45.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	42.32	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	48.65	29.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0223 30 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	40.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	45.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.01	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 01 50 52-0227 34 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	40.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	45.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.01	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 01 50 52-0231 40 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	40.81	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	45.03	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.01	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 01 50 52-0235 96 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*

26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	49.62	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	57.20	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0238 High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0214)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0239 48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*

26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	63.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	67.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0242 60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*

26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	63.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	67.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0245 72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*

26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	63.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	67.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0248 96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*

26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	63.13	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	67.35	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0251 Emergency Fluorescent Ballasts *(26 01 50 52-0002)*

Note: 120/277 Volt.

26 01 50 52-0252	EA	One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	101.44	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0253	EA	Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	160.45	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0254	EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	196.60	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0255	EA	One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	148.37	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0256	EA	Two Or Three Lamp, 2,700-3,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	654.31	25.28
		For Factory Installation In New Fixtures, Deduct	*-37.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 01 50 52-0257	EA	One Lamp, 225-450 Lumens, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	198.71	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0258	EA	One Or Two Lamp, 325-1,000 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	326.25	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0259	EA	One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	184.69	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0260	EA	One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	247.16	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0261	EA	One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	194.10	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0262	EA	One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	218.37	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0263	EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	235.37	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0264	EA	Two Lamp, 600-700 Lumens, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	199.91	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0265	EA	One Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	202.24	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0266	EA	One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	177.65	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0267	EA	One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	184.69	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0268	EA	One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	180.30	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0269	EA	One Or Two Lamp, 1,100-1,400 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	321.31	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0270	EA	One Or Two Lamp, 1,800-3,500 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	398.86	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0271	EA	One Or Two Lamp, 1,450-3,500 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	736.22	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0272	EA	One Or Two Lamp, 1,100-1,400 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	514.97	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0273	EA	One Or Two Lamp, 1,100-3,100 Lumens, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	267.61	21.07
		For Factory Installation In New Fixtures, Deduct	*-35.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 01 50 52-0274	EA	One Lamp, 1,050-3,200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	342.92	16.85
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	1,867.63	21.07
		For Factory Installation In New Fixtures, Deduct	*-33.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.11*	

26 01 50 52-0276 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0276)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0278 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0279	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	58.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0280	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	63.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0281 26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0282	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	58.94	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0283	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	63.16	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0284 32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0285	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	71.69	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0286	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	75.91	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0287 40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0288	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	57.42	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0289	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	71.69	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0290	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	104.45	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0291	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	75.91	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0292	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	123.57	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 01 50 52-0293 42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0294	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	71.69	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0295	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	75.91	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0296 55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0277)*

26 01 50 52-0297	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	71.69	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0298	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	75.91	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	

26 01 50 52-0299 Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0276)*

26 01 50 52-0300 Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0299)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0301 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*

26 01 50 52-0302	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	104.27	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0303	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	108.49	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0304		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*		
26 01 50 52-0305	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	104.27	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0306	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	108.49	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0307		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*		
26 01 50 52-0308	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	104.27	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0309	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	115.53	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0310		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*		
26 01 50 52-0311	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	115.53	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0312		42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*		
26 01 50 52-0313	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	104.27	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0314	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	115.53	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0315		55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0300)*		
26 01 50 52-0316	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	163.23	16.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0317	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	183.99	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0318		High Intensity Discharge (HID) Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0319		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0318)*		
26 01 50 52-0320		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0319)*		
26 01 50 52-0321		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0320)*		
26 01 50 52-0322	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	103.09	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0323	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	105.47	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0324	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	105.47	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0325	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	94.77	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0326	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	94.77	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0327	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	144.10	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0328	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	144.10	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0329	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	184.10	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0330	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	204.50	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0331		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0320)*		
26 01 50 52-0332	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	93.68	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0333	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	99.00	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0334	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	96.71	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0335	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	112.70	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0336	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	110.42	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0337	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	125.26	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0338	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	125.26	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0339	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	149.95	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0340	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	149.95	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0341	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	236.57	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0342	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	236.57	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0343 Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0320)*

26 01 50 52-0344	EA	Single Mounting Bracket For Core And Coil Type	12.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.53*	
26 01 50 52-0345	EA	Double Mounting Bracket For Core And Coil Type	20.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	

26 01 50 52-0346 F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0319)*

26 01 50 52-0347 Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0346)*

26 01 50 52-0348	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	129.30	21.07
		For Pulse Start Ballast, Add	*9.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0349	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	135.90	21.07
		For Pulse Start Ballast, Add	*10.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0350	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	124.30	21.07
		For Pulse Start Ballast, Add	*9.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0351	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	143.37	21.07
		For Pulse Start Ballast, Add	*11.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0352	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	196.79	21.07
		For Pulse Start Ballast, Add	*16.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0353 High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0346)*

26 01 50 52-0354	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	154.32	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0355	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	164.61	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0356 Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0319)*

26 01 50 52-0357 Metal Halide, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0356)*

26 01 50 52-0358	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	252.98	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0359 High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0356)*

26 01 50 52-0360	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	388.77	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 01 50 52-0361	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	432.64	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 01 50 52-0362	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	417.46	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	

26 01 50 52-0363 Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0319)*

26 01 50 52-0364 Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0363)*

26 01 50 52-0365	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	310.13	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0366	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	351.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0367	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	462.00	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0368	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	459.61	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0369	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	641.95	22.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.35*	
26 01 50 52-0370	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	641.95	22.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.35*	
26 01 50 52-0371	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	443.31	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0372	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	520.52	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0373 High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0363)*

26 01 50 52-0374	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	573.62	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	546.41	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0376		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	700.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0377		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	700.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0378 Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0319)*

26 01 50 52-0379 Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0378)*

26 01 50 52-0380		EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	347.77	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0381		EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	375.19	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0382		EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	372.49	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0383		EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	390.86	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0384		EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	617.99	22.76
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.35*	
26 01 50 52-0385		EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	758.26	22.76
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.35*	
26 01 50 52-0386		EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	576.81	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0387		EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	525.66	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0388 High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0378)*

26 01 50 52-0389		EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	447.26	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0390		EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	481.85	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0391		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	716.66	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0392		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	617.45	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0393 Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0318)*

26 01 50 52-0394 Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0393)*

26 01 50 52-0395		EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	142.45	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0396		EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	142.45	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0397		EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	159.79	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0398		EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	402.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0399		EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	402.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0400		EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	402.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0401		EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	402.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0402		EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	402.69	21.07
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	

26 01 50 52-0403 Owner Supplied Ballasts *(26 01 50 52-0001)*

26 01 50 52-0404		EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	16.85	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 01 50 52-0405		EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	21.07	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 01 50 52-0406		EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	24.43	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.33*	
26 01 50 52-0407		EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	26.12	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.84*	
26 01 50 52-0408		EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	29.49	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.85*	
26 01 50 52-0409		EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	31.18	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.35*	

26 01 50 52-0410 Retrofit Lighting Fixtures *(26 01 50 52)*

26 01 50 52-0411 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 52-0410)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0132 for hazardous lamp recycling.

26 01 50 52-0412 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 52-0411)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0413	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	64.18	
		For Specular Ballast Cover, Add	*6.51*	
26 01 50 52-0414	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	69.24	
		For Specular Ballast Cover, Add	*7.53*	
26 01 50 52-0415	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	90.46	
		For Specular Ballast Cover, Add	*11.77*	
26 01 50 52-0416	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	104.70	
		For Specular Ballast Cover, Add	*14.62*	
26 01 50 52-0417		Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 52-0411)*		
		Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0418	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	67.30	
		For Specular Reflector, Add	*7.14*	
26 01 50 52-0419	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	72.73	
		For Specular Reflector, Add	*8.22*	
26 01 50 52-0420	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	94.83	
		For Specular Reflector, Add	*12.64*	
26 01 50 52-0421	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	118.94	
		For Specular Reflector, Add	*17.47*	
26 01 50 52-0422		Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 52-0411)*		
		Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0423	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	84.46	
		For Specular Reflector, Add	*8.76*	
26 01 50 52-0424	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	89.52	
		For Specular Reflector, Add	*9.77*	
26 01 50 52-0425	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	87.76	
		For Specular Reflector, Add	*9.42*	
26 01 50 52-0426	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	96.45	
		For Specular Reflector, Add	*11.16*	
26 01 50 52-0427	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	113.24	
		For Specular Reflector, Add	*14.52*	
26 01 50 52-0428	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	93.26	
		For Specular Reflector, Add	*10.52*	
26 01 50 52-0429	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	102.20	
		For Specular Reflector, Add	*12.31*	
26 01 50 52-0430	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	110.00	
		For Specular Reflector, Add	*13.87*	
26 01 50 52-0431		Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 52-0410)*		
26 01 50 52-0432		Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 52-0431)*		
		Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0433	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.27	
26 01 50 52-0434	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.27	
26 01 50 52-0435	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.27	
26 01 50 52-0436	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	175.16	
26 01 50 52-0437	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.27	
26 01 50 52-0438	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.27	
26 01 50 52-0439	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.27	
26 01 50 52-0440	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	175.16	
26 01 50 52-0441	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.70	
26 01 50 52-0442	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.70	
26 01 50 52-0443	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	159.70	
26 01 50 52-0444	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	175.59	
26 01 50 52-0445	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.70	
26 01 50 52-0446	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.70	
26 01 50 52-0447	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	159.70	
26 01 50 52-0448	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	175.59	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0449		**LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED)** *(26 01 50 52-0431)* Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0450	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	235.23	
26 01 50 52-0451	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	246.04	
26 01 50 52-0452		**LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™)** *(26 01 50 52-0431)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0453	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	193.02	
26 01 50 52-0454	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	197.37	
26 01 50 52-0455	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	193.02	
26 01 50 52-0456	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	197.37	
26 01 50 52-0457	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	219.14	
26 01 50 52-0458	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	225.67	
26 01 50 52-0459	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	240.90	
26 01 50 52-0460		**LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion)** *(26 01 50 52-0431)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0461	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST) (DLC Certified)	179.69	
26 01 50 52-0462	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST) (DLC Certified)	185.77	
26 01 50 52-0463	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST) (DLC Certified)	187.58	
26 01 50 52-0464	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST) (DLC Certified)	193.66	
26 01 50 52-0465	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST) (DLC Certified)	138.71	
26 01 50 52-0466	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST) (DLC Certified)	141.59	
26 01 50 52-0467	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST) (DLC Certified)	146.21	
26 01 50 52-0468	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST) (DLC Certified)	149.09	
26 01 50 52-0469	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST) (DLC Certified)	181.39	
26 01 50 52-0470	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)(DLC Certified)	213.69	
26 01 50 52-0471		**Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)** *(26 01 50 52-0431)* Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0472	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	156.52	
26 01 50 52-0473	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	121.62	
26 01 50 52-0474	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	160.16	
26 01 50 52-0475	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	125.18	
26 01 50 52-0476	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	167.08	
26 01 50 52-0477	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	134.73	
26 01 50 52-0478	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	183.75	
26 01 50 52-0479	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	148.74	
26 01 50 52-0480	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	187.19	
26 01 50 52-0481	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	152.16	
26 01 50 52-0482	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	194.07	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0483	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	161.70	
26 01 50 52-0484		LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 52-0431)* Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.		
26 01 50 52-0485	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	345.82	
26 01 50 52-0486	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	382.91	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001	EA	Parabolic Aluminum Louver Replacement	103.46	
26 01 50 53-0002	EA	Visor For Fixtures	189.37	
26 01 50 53-0003	EA	Replace Globe On Pole	247.13	
26 01 50 53-0004	EA	Replace Lenses For Flat Top Pole Fixtures	88.02	
26 01 50 53-0005	EA	Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	27.76	
26 01 50 53-0006	EA	Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	29.32	
26 01 50 53-0007	EA	Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	36.07	
26 01 50 53-0008	EA	Replace Slide-On Lampholder	11.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0009	EA	Replace Screw Mount Lampholder	11.71	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0010	EA	Replace Medium Bi-Pin Lampholder	13.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0011	EA	Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	16.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0012	EA	Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	19.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0013	EA	Replace Compact Twin-Tube Lampholder, Snap-in	13.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 01 50 53-0014	EA	Replace Exterior Light Globes	43.07	

26 05 Common Work Results For Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 00-0001 Wire And Cable *(26 05 13)*
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 00-0002 Wire Connections *(26 05 13 00-0001)*

26 05 13 00-0003 Medium Voltage Up To 5 KV *(26 05 13 00-0002)*

26 05 13 00-0004 Shielded One Conductor Cable Splice *(26 05 13 00-0003)*

26 05 13 00-0005	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	233.94	90.19
26 05 13 00-0006	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	282.45	90.19
26 05 13 00-0007	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	282.45	90.19
26 05 13 00-0008	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	309.28	108.22
26 05 13 00-0009	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	309.28	108.22
26 05 13 00-0010	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	309.28	108.22
26 05 13 00-0011	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	345.08	126.26
26 05 13 00-0012	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	345.08	126.26
26 05 13 00-0013	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	345.08	126.26

26 05 13 00-0014 Cable Termination Without Stress Cone *(26 05 13 00-0003)*

26 05 13 00-0015	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	218.82	108.22
26 05 13 00-0016	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	258.79	126.26

26 05 13 00-0017 Cable Termination With Stress Cone *(26 05 13 00-0003)*

26 05 13 00-0018	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	846.32	216.45
26 05 13 00-0019	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,168.60	297.61

26 05 13 00-0020 Connect To Pothead, Pothead Included *(26 05 13 00-0003)*

26 05 13 00-0021	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	875.62	216.45
26 05 13 00-0022	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	1,097.71	248.01

26 05 13 00-0023 Two Conductor Pothead *(26 05 13 00-0003)*
Note: Includes 5 KV pothead.

26 05 13 00-0024	EA	#6 To 4/0 AWG 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	777.72	297.61
26 05 13 00-0025	EA	250 To 350 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,016.28	378.78
26 05 13 00-0026	EA	400 To 700 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,414.11	429.46
26 05 13 00-0027	EA	750 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,112.47	501.07
26 05 13 00-0028	EA	1,000 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	3,723.93	751.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0029		**Three Conductor Pothead** *(26 05 13 00-0003)*		
		Note: Includes 5 KV pothead.		
26 05 13 00-0030	EA	#6 To 4/0 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,405.20	432.89
26 05 13 00-0031	EA	250 To 500 MCM 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,662.88	505.04
26 05 13 00-0032		**Copper Cable Splice, Crimp Compression Connection** *(26 05 13 00-0003)*		
		Note: For bare wire.		
26 05 13 00-0033	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	56.47	
26 05 13 00-0034	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	62.06	
26 05 13 00-0035	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	72.39	
26 05 13 00-0036	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	82.29	
26 05 13 00-0037	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	92.78	
26 05 13 00-0038	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	103.03	
26 05 13 00-0039	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	113.19	
26 05 13 00-0040	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	123.74	
26 05 13 00-0041	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	134.06	
26 05 13 00-0042	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	144.55	
26 05 13 00-0043	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	155.27	
26 05 13 00-0044	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	165.45	
26 05 13 00-0045	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	186.75	
26 05 13 00-0046	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	208.58	
26 05 13 00-0047		**Aluminum Cable Splice, Crimp Compression Connection** *(26 05 13 00-0003)*		
		Note: For bare wire.		
26 05 13 00-0048	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	57.52	
26 05 13 00-0049	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	62.64	
26 05 13 00-0050	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	84.20	
26 05 13 00-0051	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	97.63	
26 05 13 00-0052	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	107.60	
26 05 13 00-0053	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	117.56	
26 05 13 00-0054	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	128.81	
26 05 13 00-0055	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	139.43	
26 05 13 00-0056	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	149.79	
26 05 13 00-0057	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	160.39	
26 05 13 00-0058	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	170.83	
26 05 13 00-0059	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	194.45	
26 05 13 00-0060	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	218.19	
26 05 13 00-0061		**15 KV** *(26 05 13 00-0002)*		
26 05 13 00-0062		**Single Conductor Pothead On Racks** *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0063	EA	#2 To 4/0 AWG 1/c 15 KV Pothead (Included), On Racks	955.07	378.78
26 05 13 00-0064	EA	250 To 500 MCM 1/c 15 KV Pothead (Included), On Racks	1,209.20	468.96
26 05 13 00-0065		**Two Conductor Pothead On Rack** *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0066	EA	#2 To 4/0 AWG 2/c 15 KV Pothead (Included), On Racks	1,430.72	577.18
26 05 13 00-0067	EA	250 To 500 MCM 2/c 15 KV Pothead (Included), On Racks	1,708.96	685.40
26 05 13 00-0068		**Three Conductor Pothead On Rack** *(26 05 13 00-0061)*		
		Note: Includes pothead.		
26 05 13 00-0069	EA	#2 To 4/0 AWG 3/c 15 KV Pothead (Included), On Racks	1,839.67	748.53
26 05 13 00-0070	EA	250 To 500 MCM 3/c 15 KV Pothead (Included), On Racks	2,294.86	937.92
26 05 13 00-0071		**Stress Relief Cone On Rack** *(26 05 13 00-0061)*		
26 05 13 00-0072	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	919.68	378.78
26 05 13 00-0073	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,169.41	468.96
26 05 13 00-0074		**Grounded, Shielded Cable Splice** *(26 05 13 00-0061)*		
26 05 13 00-0075	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	653.70	279.58
26 05 13 00-0076	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	840.00	360.74
26 05 13 00-0077	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	3,321.88	992.03
26 05 13 00-0078	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	4,081.03	1,082.22
26 05 13 00-0079		**Cable Termination** *(26 05 13 00-0061)*		
26 05 13 00-0080	EA	#2 To 3/0 AWG Cable Termination 15 KV	407.02	157.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*94.70*	
26 05 13 00-0081	EA	4/0 To 250 MCM Cable Termination 15 KV	517.62	202.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.75*	
26 05 13 00-0082	EA	350 To 500 MCM Cable Termination 15 KV	638.29	248.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.81*	
26 05 13 00-0083	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	249.29	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0084		**Stress Cones, 5-15 KV, 4 Skirted** *(26 05 13 00-0061)*		
26 05 13 00-0085	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	438.55	117.24
26 05 13 00-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	495.49	129.58
26 05 13 00-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	576.80	141.80
26 05 13 00-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	723.53	163.38
26 05 13 00-0089		**Stress Cones, 5-15 KV, 6 Skirted** *(26 05 13 00-0061)*		
26 05 13 00-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	877.13	234.88
26 05 13 00-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	991.08	259.15
26 05 13 00-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	1,143.08	278.34
26 05 13 00-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	1,447.08	326.75
26 05 13 00-0094		**35 KV** *(26 05 13 00-0002)*		
26 05 13 00-0095		**35 KV One Conductor Splice** *(26 05 13 00-0094)*		
26 05 13 00-0096	EA	Cable Splicing, #1 Stranded To 4/0 Stranded, 35 KV	1,626.69	
26 05 13 00-0097		**Cable Termination** *(26 05 13 00-0094)*		
26 05 13 00-0098	EA	#2 To 3/0 AWG Cable Termination 35 KV	326.85	108.31
26 05 13 00-0099	EA	3/0 AWG To 250 MCM Cable Termination 35 KV	461.66	163.42
26 05 13 00-0100	EA	350 To 500 MCM Cable Termination 35 KV	521.24	174.78
26 05 13 00-0101	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	263.54	90.19
26 05 13 00-0102		**70 KV** *(26 05 13 00-0002)*		
26 05 13 00-0103		**Cable Splice** *(26 05 13 00-0102)*		
26 05 13 00-0104	EA	Cable Splicing, 350 MCM 70 KV	5,969.67	
26 05 13 00-0105	EA	Cable Splicing, #2 To 4/0 70 KV	1,662.50	
26 05 13 00-0106		**5 KV Cable** *(26 05 13 00-0001)*		
26 05 13 00-0107		**Pulled In Duct, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation** *(26 05 13 00-0106)*		
26 05 13 00-0108	MLF	#6 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	2,504.18	695.21
26 05 13 00-0109	MLF	#4 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	2,933.59	759.10
26 05 13 00-0110	MLF	#2 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,478.05	857.66
26 05 13 00-0111	MLF	#1/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,486.35	1,056.67
26 05 13 00-0112	MLF	#2/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,103.33	1,189.91
26 05 13 00-0113	MLF	#3/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,196.83	1,320.77
26 05 13 00-0114	MLF	#4/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,973.89	1,484.02
26 05 13 00-0115	MLF	250 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	8,225.68	1,651.04
26 05 13 00-0116	MLF	350 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	9,611.18	1,971.30
26 05 13 00-0117	MLF	500 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	12,036.75	2,317.23
26 05 13 00-0118	MLF	750 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	15,716.54	1,981.20
26 05 13 00-0119	MLF	1,000 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	23,145.19	3,144.77
26 05 13 00-0120		**Direct Burial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation** *(26 05 13 00-0106)* Note: Excludes excavation.		
26 05 13 00-0121	MLF	#6 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,417.29	
26 05 13 00-0122	MLF	#4 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,686.91	
26 05 13 00-0123	MLF	#2 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,984.90	
26 05 13 00-0124	MLF	#1/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,659.04	
26 05 13 00-0125	MLF	#2/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,942.85	
26 05 13 00-0126	MLF	#3/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,872.08	
26 05 13 00-0127	MLF	#4/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,241.03	
26 05 13 00-0128	MLF	250 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,242.33	
26 05 13 00-0129	MLF	350 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,913.90	
26 05 13 00-0130	MLF	500 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,552.84	
26 05 13 00-0131		**Aerial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation** *(26 05 13 00-0106)* Note: Installed on poles.		
26 05 13 00-0132	MLF	#6 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	1,913.65	438.37
26 05 13 00-0133	MLF	#4 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,266.31	470.02
26 05 13 00-0134	MLF	#2 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,889.65	594.38
26 05 13 00-0135	MLF	#1/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,733.42	721.56
26 05 13 00-0136	MLF	#2/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,345.68	847.05
26 05 13 00-0137	MLF	#3/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	5,430.44	968.69
26 05 13 00-0138	MLF	#4/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	6,205.75	1,123.95
26 05 13 00-0139	MLF	250 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	7,799.36	1,414.01
26 05 13 00-0140	MLF	350 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	9,365.95	1,789.16
26 05 13 00-0141	MLF	500 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	12,127.68	2,247.91

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0142		5 KV Non-Shielded Single Copper Conductor *(26 05 13 00-0106)*		
26 05 13 00-0143	MLF	1/0 5 KV Non-Shielded, Single Copper Conductor	5,378.84	1,385.46
26 05 13 00-0144	MLF	3/0 5 KV Non-Shielded, Single Copper Conductor	6,819.16	1,425.28
26 05 13 00-0145	MLF	4/0 5 KV Non-Shielded, Single Copper Conductor	7,089.27	1,456.78
26 05 13 00-0146	MLF	350 MCM 5 KV Non-Shielded, Single Copper Conductor	8,363.93	1,512.36
26 05 13 00-0147	MLF	500 MCM 5 KV Non-Shielded, Single Copper Conductor	11,623.20	1,584.96
26 05 13 00-0148	MLF	750 MCM 5 KV Non-Shielded, Single Copper Conductor	17,720.99	1,981.20
26 05 13 00-0149	MLF	1,000 MCM 5 KV Non-Shielded, Single Copper Conductor	20,648.79	2,641.64
26 05 13 00-0150		Placed In Duct, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation *(26 05 13 00-0106)*		
26 05 13 00-0151	MLF	#6 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	2,642.11	695.21
26 05 13 00-0152	MLF	#4 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,120.05	759.10
26 05 13 00-0153	MLF	#2 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,718.15	857.66
26 05 13 00-0154	MLF	#1 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,268.15	957.12
26 05 13 00-0155	MLF	#1/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,818.40	1,056.67
26 05 13 00-0156	MLF	#2/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,486.47	1,189.91
26 05 13 00-0157	MLF	#3/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,717.90	1,320.77
26 05 13 00-0158	MLF	#4/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	7,561.37	1,484.02
26 05 13 00-0159	MLF	250 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	8,963.35	1,651.04
26 05 13 00-0160	MLF	350 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	10,454.09	1,971.30
26 05 13 00-0161	MLF	500 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	13,160.62	2,317.23
26 05 13 00-0162	MLF	750 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	17,653.98	1,981.20
26 05 13 00-0163	MLF	1,000 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	25,896.18	3,144.77
26 05 13 00-0164		Direct Burial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation *(26 05 13 00-0106)*		
		Note: Excludes excavation.		
26 05 13 00-0165	MLF	#6 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,555.22	
26 05 13 00-0166	MLF	#4 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,873.37	
26 05 13 00-0167	MLF	#2 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,225.01	
26 05 13 00-0168	MLF	#1 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,608.43	
26 05 13 00-0169	MLF	#1/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,991.09	
26 05 13 00-0170	MLF	#2/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,325.99	
26 05 13 00-0171	MLF	#3/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,393.15	
26 05 13 00-0172	MLF	#4/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,828.51	
26 05 13 00-0173	MLF	250 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,980.00	
26 05 13 00-0174	MLF	350 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	7,756.80	
26 05 13 00-0175	MLF	500 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,676.71	
26 05 13 00-0176		Aerial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation *(26 05 13 00-0106)*		
		Note: Installed on poles.		
26 05 13 00-0177	MLF	#6 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,051.58	438.37
26 05 13 00-0178	MLF	#4 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,452.77	470.02
26 05 13 00-0179	MLF	#2 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,129.75	594.38
26 05 13 00-0180	MLF	#1 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,596.45	657.50
26 05 13 00-0181	MLF	#1/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,065.47	721.56
26 05 13 00-0182	MLF	#2/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,728.82	847.05
26 05 13 00-0183	MLF	#3/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	5,951.51	968.69
26 05 13 00-0184	MLF	#4/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	6,793.23	1,123.95
26 05 13 00-0185	MLF	250 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	8,537.03	1,414.01
26 05 13 00-0186	MLF	350 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	10,208.85	1,789.16
26 05 13 00-0187	MLF	500 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	13,251.55	2,247.91
26 05 13 00-0188		15 KV Cable *(26 05 13 00-0001)*		
26 05 13 00-0189		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0188)*		
26 05 13 00-0190		Placed In Duct, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0189)*		
26 05 13 00-0191	MLF	#4 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,056.79	1,385.46
26 05 13 00-0192	MLF	#2 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,380.88	1,385.46
26 05 13 00-0193	MLF	#1 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,504.50	1,385.46
26 05 13 00-0194	MLF	#1/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,907.22	1,385.46
26 05 13 00-0195	MLF	#2/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,289.45	1,385.46
26 05 13 00-0196	MLF	#3/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,082.75	1,446.18
26 05 13 00-0197	MLF	#4/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,232.91	1,446.18
26 05 13 00-0198	MLF	250 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,217.57	1,512.36
26 05 13 00-0199	MLF	350 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,186.69	1,547.82
26 05 13 00-0200	MLF	500 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	11,197.91	1,743.47
26 05 13 00-0201		Direct Burial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0189)*		
		Note: Excludes excavation.		
26 05 13 00-0202	MLF	#1 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,014.18	
26 05 13 00-0203	MLF	#1/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,416.89	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0204	MLF	#2/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,799.12	
26 05 13 00-0205	MLF	#3/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,611.57	
26 05 13 00-0206	MLF	#4/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,761.72	
26 05 13 00-0207	MLF	250 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,828.68	
26 05 13 00-0208	MLF	350 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,799.86	
26 05 13 00-0209	MLF	500 MCM Cable, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation	9,612.95	

26 05 13 00-0210 Aerial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0189)*

Note: Installed on poles.

26 05 13 00-0211	MLF	#1 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	3,679.96	626.22
26 05 13 00-0212	MLF	#1/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,332.25	721.56
26 05 13 00-0213	MLF	#2/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,042.93	847.05
26 05 13 00-0214	MLF	#3/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,003.03	968.69
26 05 13 00-0215	MLF	#4/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,559.54	1,123.95
26 05 13 00-0216	MLF	250 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,861.63	1,308.43
26 05 13 00-0217	MLF	350 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,307.99	1,524.65
26 05 13 00-0218	MLF	500 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	11,475.10	1,771.03

26 05 13 00-0219 Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0188)*

26 05 13 00-0220 Placed In Duct, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0219)*

26 05 13 00-0221	MLF	#4 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,343.56	1,385.46
26 05 13 00-0222	MLF	#2 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,725.99	1,385.46
26 05 13 00-0223	MLF	#1 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,871.86	1,385.46
26 05 13 00-0224	MLF	#1/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,347.06	1,385.46
26 05 13 00-0225	MLF	#2/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,798.09	1,385.46
26 05 13 00-0226	MLF	#3/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,706.88	1,446.18
26 05 13 00-0227	MLF	#4/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,884.07	1,446.18
26 05 13 00-0228	MLF	250 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	9,016.17	1,512.36
26 05 13 00-0229	MLF	350 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,143.78	1,547.82
26 05 13 00-0230	MLF	500 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,428.98	1,743.47

26 05 13 00-0231 Direct Burial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0219)*

Note: Excludes excavation.

26 05 13 00-0232	MLF	#1 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,381.53	
26 05 13 00-0233	MLF	#1/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,856.73	
26 05 13 00-0234	MLF	#2/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,307.76	
26 05 13 00-0235	MLF	#3/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,235.70	
26 05 13 00-0236	MLF	#4/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,412.89	
26 05 13 00-0237	MLF	250 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,624.96	
26 05 13 00-0238	MLF	350 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,750.74	
26 05 13 00-0239	MLF	500 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,844.02	

26 05 13 00-0240 Aerial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 00-0219)*

Note: Installed on poles.

26 05 13 00-0241	MLF	#1 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,047.31	626.22
26 05 13 00-0242	MLF	#1/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,772.09	721.56
26 05 13 00-0243	MLF	#2/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,551.57	847.05
26 05 13 00-0244	MLF	#3/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,627.16	968.69
26 05 13 00-0245	MLF	#4/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,210.71	1,123.95
26 05 13 00-0246	MLF	250 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,660.22	1,308.43
26 05 13 00-0247	MLF	350 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,265.08	1,524.65
26 05 13 00-0248	MLF	500 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	12,706.17	1,771.03

26 05 13 00-0249 15 KV Non-Shielded Single Copper Conductor *(26 05 13 00-0188)*

26 05 13 00-0250	MLF	1/0 15 KV Non-Shielded, Single Copper Conductor	6,792.19	1,390.31
26 05 13 00-0251	MLF	3/0 15 KV Non-Shielded, Single Copper Conductor	8,555.08	1,456.78
26 05 13 00-0252	MLF	350 MCM 15 KV Non-Shielded, Single Copper Conductor	11,410.45	1,553.86

26 05 13 00-0253 Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 00-0188)*

Note: Laid in cable tray or hung in vertical cable shaft.

26 05 13 00-0254 Galvanized Steel Interlocked Armor Cable *(26 05 13 00-0253)*

26 05 13 00-0255	LF	#2 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	35.33	10.60
26 05 13 00-0256	LF	#1/0 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	41.22	11.29

26 05 13 00-0257 Aluminum Interlocked Armor Cable *(26 05 13 00-0253)*

26 05 13 00-0258	LF	#2 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	35.33	10.60
26 05 13 00-0259	LF	#1/0 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	41.22	11.29

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 00-0260		Type URD, 15 KV Primary Concentric UD Cable *(26 05 13 00-0188)* Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 00-0261	MLF	#4 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,510.61	695.21
26 05 13 00-0262	MLF	#2 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,942.29	759.10
26 05 13 00-0263	MLF	#1 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	3,489.25	857.66
26 05 13 00-0264	MLF	#1/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	4,494.82	1,053.80
26 05 13 00-0265	MLF	#2/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	5,112.30	1,186.35
26 05 13 00-0266	MLF	#3/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	6,221.13	1,320.77
26 05 13 00-0267	MLF	#4/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	6,987.45	1,478.48
26 05 13 00-0268		15 KV URD Cable Copper Direct Burial *(26 05 13 00-0188)*		
26 05 13 00-0269	MLF	15 KV 3/C URD Cable Copper Direct Burial #6	10,266.95	
26 05 13 00-0270		35 KV And 70 KV Cable *(26 05 13 00-0001)*		
26 05 13 00-0271		35 KV, Shielded, Single Copper Conductor *(26 05 13 00-0270)*		
26 05 13 00-0272	MLF	3/0 35 KV Shielded, Single Copper Conductor	12,004.51	2,306.99
26 05 13 00-0273		70 KV, Shielded, Single Copper Conductor *(26 05 13 00-0270)*		
26 05 13 00-0274	MLF	350 MCM 70 KV Shielded, Single Copper Conductor	35,433.33	2,630.02

26 05 19 Low-Voltage Electrical Power Conductors And Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		Under Carpet Power System *(26 05 19 13)* Note: Includes laying out, floor prep, taping, testing, drill floor, folds.		
26 05 19 13-0002	LF	Cable Flat 3 Conductor #12 With Attached Bottom Shield	4.63	0.41
26 05 19 13-0003	LF	Top Shield, Steel	7.09	0.41
26 05 19 13-0004	EA	Splice, 3-Conductor	26.32	7.01
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	7.61	3.30
26 05 19 13-0006	EA	Tap 3-Conductor	32.82	8.25
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	51.14	7.01
26 05 19 13-0008	EA	Transition Block Assembly 3-conductor	33.37	4.12
26 05 19 13-0009	EA	Receptacles, Direct Connected Single, With Box	100.64	13.19
26 05 19 13-0010	EA	Receptacles, Direct Connected Dual, With Box	167.73	20.61
26 05 19 13-0011	EA	Box, Floor Mounted With Cover	167.12	16.49
26 05 19 13-0012	LF	5-Conductor #12 With Attached Bottom Shield	7.37	0.41
26 05 19 13-0013	LF	Shield, Top, Steel For 5 Conductor	7.32	0.41
26 05 19 13-0014	EA	Splice, 5 Conductor	26.67	7.01
26 05 19 13-0015	EA	Insulating Patch Splice Tap And End	44.14	4.12
26 05 19 13-0016	EA	Transition Block Assembly 5 Conductor	44.14	4.12
26 05 19 13-0017	EA	Box, Wall, Flush With Cover	75.06	16.49
26 05 19 13-0018	EA	Telephone Transition Fitting Wall Box	49.48	13.60
26 05 19 13-0019	EA	Telephone Fitting With Duplex Jack And Cover RJ-45	65.11	15.67
26 05 19 13-0020	EA	Telephone Miniature With Duplex RJ-45	28.02	6.18
26 05 19 13-0021	LF	Telephone 4-Pair Level 5 Under Carpet Wire	1.62	0.41
26 05 19 13-0022	EA	BNC Coax Connector Plug	22.37	8.25
26 05 19 13-0023	EA	TNC Connector Coax Plug	22.37	8.25
26 05 19 13-0024	CLF	Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	117.60	41.23

26 05 19 16 Low-Voltage, Single-And Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001		Cable Installation Methods *(26 05 19 16)*		
26 05 19 16-0002		Pull Cord *(26 05 19 16-0001)* Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.		
26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.28	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.15	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.63	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.36	
26 05 19 16-0007		Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)* Note: For installation under roads, driveways or other structures up to 20'.		
26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	2.42	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	3.07	
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.	338.20	
26 05 19 16-0011		Wire and Cable *(26 05 19 16)* Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 19 16-0012		Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0013		Multi-Conductor Cords *(26 05 19 16-0012)* Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0014		Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0013)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0015		300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0016		#18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0017	LF	2/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	0.96	0.36
26 05 19 16-0018	LF	3/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.01	0.36
26 05 19 16-0019	LF	4/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.15	0.36
26 05 19 16-0020		#16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0021	LF	2/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.12	0.36
26 05 19 16-0022	LF	3/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.21	0.36
26 05 19 16-0023	LF	4/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.33	0.36
26 05 19 16-0024		#14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0025	LF	2/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.29	0.36
26 05 19 16-0026	LF	3/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.42	0.36
26 05 19 16-0027	LF	4/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.69	0.36
26 05 19 16-0028		#12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0029	LF	2/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.51	0.36
26 05 19 16-0030	LF	3/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.68	0.36
26 05 19 16-0031	LF	4/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.91	0.36
26 05 19 16-0032		#10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0033	LF	2/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.01	0.45
26 05 19 16-0034	LF	3/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.12	0.45
26 05 19 16-0035	LF	4/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.29	0.45
26 05 19 16-0036		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0037		#18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0038	LF	2/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.01	0.36
26 05 19 16-0039	LF	3/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.11	0.36
26 05 19 16-0040	LF	4/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.24	0.36
26 05 19 16-0041	LF	5/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.23	0.49
26 05 19 16-0042	LF	6/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.45	0.50
26 05 19 16-0043	LF	7/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.62	0.51
26 05 19 16-0044	LF	8/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.89	0.53
26 05 19 16-0045	LF	10/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.34	0.55
26 05 19 16-0046	LF	12/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.83	0.57
26 05 19 16-0047	LF	14/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.13	0.58
26 05 19 16-0048	LF	16/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.22	0.59
26 05 19 16-0049	LF	18/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.36	0.61
26 05 19 16-0050	LF	20/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.00	0.62
26 05 19 16-0051	LF	24/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.62	0.63
26 05 19 16-0052	LF	30/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.93	0.68
26 05 19 16-0053		#16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0054	LF	2/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.21	0.36
26 05 19 16-0055	LF	3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.29	0.36
26 05 19 16-0056	LF	4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.46	0.36
26 05 19 16-0057	LF	5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.34	0.49
26 05 19 16-0058	LF	6/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.60	0.50
26 05 19 16-0059	LF	7/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.86	0.51
26 05 19 16-0060	LF	8/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.18	0.53
26 05 19 16-0061	LF	9/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.31	0.54
26 05 19 16-0062	LF	10/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.69	0.55
26 05 19 16-0063	LF	12/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.34	0.57
26 05 19 16-0064	LF	14/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.68	0.58
26 05 19 16-0065	LF	16/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.31	0.59
26 05 19 16-0066	LF	18/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.16	0.61
26 05 19 16-0067	LF	20/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.95	0.62
26 05 19 16-0068	LF	24/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.45	0.63
26 05 19 16-0069	LF	26/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.30	0.65
26 05 19 16-0070	LF	30/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.86	0.68
26 05 19 16-0071		#14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0072	LF	2/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.45	0.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0073	LF	3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.54	0.36
26 05 19 16-0074	LF	4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.79	0.36
26 05 19 16-0075	LF	5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.10	0.49
26 05 19 16-0076	LF	6/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.75	0.50
26 05 19 16-0077	LF	7/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.98	0.51
26 05 19 16-0078	LF	8/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.49	0.53
26 05 19 16-0079	LF	9/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.84	0.54
26 05 19 16-0080	LF	10/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.42	0.55
26 05 19 16-0081	LF	12/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.98	0.57
26 05 19 16-0082	LF	14/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.63	0.58
26 05 19 16-0083	LF	16/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.01	0.59
26 05 19 16-0084	LF	20/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.02	0.62
26 05 19 16-0085	LF	24/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.67	0.63
26 05 19 16-0086	LF	30/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.65	0.68
26 05 19 16-0087		#12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0088	LF	2/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.69	0.36
26 05 19 16-0089	LF	3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.87	0.36
26 05 19 16-0090	LF	4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.06	0.36
26 05 19 16-0091	LF	5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.58	0.49
26 05 19 16-0092	LF	6/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.18	0.50
26 05 19 16-0093	LF	7/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.80	0.51
26 05 19 16-0094	LF	8/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.47	0.53
26 05 19 16-0095	LF	9/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.93	0.54
26 05 19 16-0096	LF	10/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.74	0.55
26 05 19 16-0097	LF	12/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.70	0.57
26 05 19 16-0098	LF	14/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.60	0.58
26 05 19 16-0099	LF	16/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.49	0.59
26 05 19 16-0100	LF	18/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.91	0.61
26 05 19 16-0101	LF	20/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.46	0.62
26 05 19 16-0102	LF	24/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.05	0.63
26 05 19 16-0103	LF	26/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.64	0.65
26 05 19 16-0104	LF	28/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	15.15	0.66
26 05 19 16-0105	LF	30/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	15.70	0.68
26 05 19 16-0106		#10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0107	LF	2/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.96	0.45
26 05 19 16-0108	LF	3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.11	0.45
26 05 19 16-0109	LF	4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.28	0.45
26 05 19 16-0110	LF	5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.07	0.49
26 05 19 16-0111	LF	6/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.16	0.50
26 05 19 16-0112	LF	7/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.11	0.51
26 05 19 16-0113	LF	10/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.91	0.55
26 05 19 16-0114	LF	12/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.09	0.57
26 05 19 16-0115	LF	16/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.65	0.59
26 05 19 16-0116	LF	20/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	17.06	0.62
26 05 19 16-0117		#8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0118	LF	3/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.03	0.54
26 05 19 16-0119	LF	4/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.41	0.63
26 05 19 16-0120	LF	5/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.10	0.63
26 05 19 16-0121		#6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0122	LF	3/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.89	0.63
26 05 19 16-0123	LF	4/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.11	0.72
26 05 19 16-0124	LF	5/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.54	0.90
26 05 19 16-0125		#4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0126	LF	3/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	9.45	0.90
26 05 19 16-0127	LF	4/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	10.38	0.99
26 05 19 16-0128	LF	5/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	12.58	1.08
26 05 19 16-0129		#2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0130	LF	3/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	13.98	1.80
26 05 19 16-0131	LF	4/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	17.81	2.25
26 05 19 16-0132	LF	5/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	21.42	2.98
26 05 19 16-0133		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0134		#18, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0135	LF	2/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.34	0.36
26 05 19 16-0136	LF	3/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.49	0.36
26 05 19 16-0137	LF	4/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.79	0.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0138		#16, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0139	LF	2/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.43	0.36
26 05 19 16-0140	LF	3/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.67	0.36
26 05 19 16-0141	LF	4/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.79	0.36
26 05 19 16-0142		#14, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0143	LF	2/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.04	0.36
26 05 19 16-0144	LF	3/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.03	0.36
26 05 19 16-0145	LF	4/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.91	0.45
26 05 19 16-0146		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0147		#18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0148	LF	2/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.96	0.36
26 05 19 16-0149	LF	3/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.38	0.36
26 05 19 16-0150	LF	4/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.82	0.36
26 05 19 16-0151		#16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0152	LF	2/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.11	0.36
26 05 19 16-0153	LF	3/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.54	0.36
26 05 19 16-0154	LF	4/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.21	0.36
26 05 19 16-0155	LF	5/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.47	0.45
26 05 19 16-0156		#14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0157	LF	3/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.64	0.36
26 05 19 16-0158	LF	4/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.18	0.36
26 05 19 16-0159	LF	5/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.57	0.45
26 05 19 16-0160		#12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0161	LF	3/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.15	0.36
26 05 19 16-0162	LF	4/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.64	0.36
26 05 19 16-0163	LF	5/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.07	0.45
26 05 19 16-0164		#10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0165	LF	3/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.62	0.45
26 05 19 16-0166	LF	4/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.06	0.45
26 05 19 16-0167	LF	5/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.48	0.45
26 05 19 16-0168		Multi-Conductor Type SEOW Cord *(26 05 19 16-0013)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0169		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0168)*		
26 05 19 16-0170		#16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0171	LF	3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.45	0.36
26 05 19 16-0172	LF	4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.61	0.36
26 05 19 16-0173	LF	5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.52	0.45
26 05 19 16-0174		#14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0175	LF	3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.96	0.36
26 05 19 16-0176	LF	4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.27	0.36
26 05 19 16-0177	LF	5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.32	0.45
26 05 19 16-0178		#12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0179	LF	3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.47	0.36
26 05 19 16-0180	LF	4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.88	0.36
26 05 19 16-0181	LF	5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.66	0.45
26 05 19 16-0182		#10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0183	LF	3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.16	0.45
26 05 19 16-0184	LF	4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.66	0.45
26 05 19 16-0185	LF	5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.92	0.45
26 05 19 16-0186		Multi-Conductor Type W Cord *(26 05 19 16-0013)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0187		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0186)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0188		**#8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0187)*		
26 05 19 16-0189	LF	3/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.45	0.54
26 05 19 16-0190	LF	4/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.79	0.63
26 05 19 16-0191	LF	5/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.70	0.63
26 05 19 16-0192		**#6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0187)*		
26 05 19 16-0193	LF	3/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.77	0.63
26 05 19 16-0194	LF	4/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.70	0.72
26 05 19 16-0195	LF	5/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.09	0.90
26 05 19 16-0196		**#4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0187)*		
26 05 19 16-0197	LF	3/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.60	0.63
26 05 19 16-0198	LF	4/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.79	0.72
26 05 19 16-0199	LF	5/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	10.04	0.90
26 05 19 16-0200		**Cord Grips, Cable Reels, Extension Cords, And Accessories** *(26 05 19 16-0012)*		
26 05 19 16-0201		**Cord Grips** *(26 05 19 16-0200)*		
26 05 19 16-0202	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	56.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 05 19 16-0203	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	56.74	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.40*	
26 05 19 16-0204		**Cable Reels** *(26 05 19 16-0200)*		
		Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0205	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	529.15	45.09
26 05 19 16-0206	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,472.30	45.09
26 05 19 16-0207	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,099.49	45.09
26 05 19 16-0208		**Extension Cords** *(26 05 19 16-0200)*		
26 05 19 16-0209	EA	Extension Cord, 120 Volt 12/3, 100 Ft	88.73	
26 05 19 16-0210	EA	Extension Cord, 240 Volt 10/3, 100 Ft	133.52	
26 05 19 16-0211		**Plugs And Connector Bodies** *(26 05 19 16-0200)*		
		Note: Up to 277 volts.		
26 05 19 16-0212		**NEMA Twist-Lock Plugs** *(26 05 19 16-0211)*		
26 05 19 16-0213	EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	62.80	
26 05 19 16-0214	EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	64.16	
26 05 19 16-0215	EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	58.43	
26 05 19 16-0216	EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	62.63	
26 05 19 16-0217	EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	82.32	
26 05 19 16-0218	EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	87.65	
26 05 19 16-0219	EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	92.87	
26 05 19 16-0220	EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	83.11	
26 05 19 16-0221	EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	95.94	
26 05 19 16-0222	EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	98.43	
26 05 19 16-0223	EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	101.61	
26 05 19 16-0224		**NEMA Twist-Lock Connector Bodies** *(26 05 19 16-0211)*		
26 05 19 16-0225	EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	66.65	
26 05 19 16-0226	EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	71.48	
26 05 19 16-0227	EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	61.32	
26 05 19 16-0228	EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	83.11	
26 05 19 16-0229	EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	97.19	
26 05 19 16-0230	EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	104.00	
26 05 19 16-0231	EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	126.92	
26 05 19 16-0232	EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	121.13	
26 05 19 16-0233	EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	149.85	
26 05 19 16-0234	EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	157.45	
26 05 19 16-0235	EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	149.17	
26 05 19 16-0236		**Watertight Pin And Sleeve Plug** *(26 05 19 16-0211)*		
26 05 19 16-0237	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	166.01	27.06
26 05 19 16-0238	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	167.63	27.06
26 05 19 16-0239	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	180.23	27.06
26 05 19 16-0240	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	181.84	29.76
26 05 19 16-0241	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	179.40	29.76
26 05 19 16-0242	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	180.12	29.76
26 05 19 16-0243	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	249.27	33.28
26 05 19 16-0244	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	243.18	33.28
26 05 19 16-0245	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	269.33	33.28
26 05 19 16-0246	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	266.51	36.53
26 05 19 16-0247	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	255.94	36.53
26 05 19 16-0248	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	263.21	36.53
26 05 19 16-0249	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	337.74	43.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0250	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	343.53	43.29
26 05 19 16-0251	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	329.79	43.29
26 05 19 16-0252	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	375.01	48.16
26 05 19 16-0253	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	365.99	48.16
26 05 19 16-0254	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	369.89	48.16
26 05 19 16-0255	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	460.86	54.11
26 05 19 16-0256	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	483.25	54.11
26 05 19 16-0257	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	474.50	59.52
26 05 19 16-0258	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	466.85	59.52
26 05 19 16-0259	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	470.98	59.52

26 05 19 16-0260 Watertight Pin And Sleeve Connector *(26 05 19 16-0211)*

26 05 19 16-0261	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	175.34	27.06
26 05 19 16-0262	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	176.46	27.06
26 05 19 16-0263	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	205.48	27.06
26 05 19 16-0264	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	205.36	29.76
26 05 19 16-0265	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	202.41	29.76
26 05 19 16-0266	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	205.08	29.76
26 05 19 16-0267	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	254.85	33.28
26 05 19 16-0268	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	254.79	33.28
26 05 19 16-0269	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	264.80	33.28
26 05 19 16-0270	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	263.79	36.53
26 05 19 16-0271	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	265.85	36.53
26 05 19 16-0272	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	263.68	36.53
26 05 19 16-0273	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	394.93	43.29
26 05 19 16-0274	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	382.68	43.29
26 05 19 16-0275	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	375.37	43.29
26 05 19 16-0276	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	409.05	48.16
26 05 19 16-0277	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	419.71	48.16
26 05 19 16-0278	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	420.49	48.16
26 05 19 16-0279	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	523.60	54.11
26 05 19 16-0280	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	537.66	54.11
26 05 19 16-0281	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	581.50	59.52
26 05 19 16-0282	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	562.19	59.52
26 05 19 16-0283	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	568.78	59.52

26 05 19 16-0284 Accessories *(26 05 19 16-0200)*

26 05 19 16-0285	EA	1/2" Straight Steel Cord Connector	37.64	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0286	EA	1/2" Straight Nylon Cord Connector	23.33	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 19 16-0287	EA	1/2" 90 Degree Steel Cord Connector	43.61	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0288	EA	1/2" 90 Degree Nylon Cord Connector	28.57	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0289	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	43.13	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0290	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	71.29	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 05 19 16-0291	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	28.19	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0292	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	45.40	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0293	EA	3/4" Straight Steel Cord Connector	39.02	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0294	EA	3/4" Straight Nylon Cord Connector	24.02	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 19 16-0295	EA	3/4" 90 Degree Steel Cord Connector	47.92	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0296	EA	3/4" 90 Degree Nylon Cord Connector	30.73	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0297	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	49.09	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 05 19 16-0298	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	58.20	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 05 19 16-0299	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	34.15	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0300	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	41.20	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 05 19 16-0301	EA	1" Straight Steel Cord Connector	47.86	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0302	EA	1" Straight Nylon Cord Connector	28.44	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 19 16-0303	EA	1" 90 Degree Steel Cord Connector	53.77	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0304	EA	1" 90 Degree Nylon Cord Connector	33.65	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 19 16-0305	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	58.38	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 05 19 16-0306	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	64.34	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 05 19 16-0307	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	38.87	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 19 16-0308	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	45.19	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0309		ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)* Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0310		ACSR Cable *(26 05 19 16-0309)*		
26 05 19 16-0311	MLF	#4 AWG ACSR Cable Swan 6/1 Installed On Poles, Aluminum Cable	1,147.92	406.52
26 05 19 16-0312	MLF	#4 AWG ACSR Cable Swanate 7/1 Installed On Poles, Aluminum Cable	1,205.84	422.12
26 05 19 16-0313	MLF	#2 AWG ACSR Cable Sparrow 6/1 Installed On Poles, Aluminum Cable	1,277.60	438.37
26 05 19 16-0314	MLF	#2 AWG ACSR Cable Sparate 7/1 Installed On Poles, Aluminum Cable	1,336.03	454.24
26 05 19 16-0315	MLF	#1/0 AWG ACSR Cable Raven 6/1 Installed On Poles, Aluminum Cable	1,436.85	469.64
26 05 19 16-0316	MLF	#2/0 AWG ACSR Cable Quail 6/1 Installed On Poles, Aluminum Cable	1,653.20	532.39
26 05 19 16-0317	MLF	#3/0 AWG ACSR Cable Pigeon 6/1 Installed On Poles, Aluminum Cable	1,880.85	593.73
26 05 19 16-0318	MLF	#4/0 AWG ACSR Cable Penguin 6/1 Installed On Poles, Aluminum Cable	2,125.12	655.91
26 05 19 16-0319	MLF	#1 Bare Aluminum Wire	1,613.62	569.22
26 05 19 16-0320	MLF	336 AWG ACSR Cable Merlin 18/1 Installed On Pole, Aluminum Cable	2,595.01	842.92
26 05 19 16-0321	MLF	477 AWG ACSR Cable Hawk 26/1 Installed On Pole, Aluminum Cable	2,963.19	966.90
26 05 19 16-0322		All Aluminum Conductors *(26 05 19 16-0309)*		
26 05 19 16-0323	MLF	795.0 ACSR Conductor Aluminum	21,893.84	7,924.83
26 05 19 16-0324		600 Volt Wire *(26 05 19 16-0011)*		
26 05 19 16-0325		Single Solid Conductor, Copper *(26 05 19 16-0324)*		
26 05 19 16-0326	MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	472.72	200.10
26 05 19 16-0327	MLF	#12 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	585.51	235.39
26 05 19 16-0328	MLF	#10 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	714.28	287.83
26 05 19 16-0329	MLF	#14 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	622.41	200.10
26 05 19 16-0330	MLF	#12 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	749.97	235.39
26 05 19 16-0331	MLF	#10 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	896.11	287.83
26 05 19 16-0332		Power Cable, Stranded Conductor, Copper *(26 05 19 16-0324)*		
26 05 19 16-0333		Power Cable, Stranded, Single Conductor, XHHW *(26 05 19 16-0332)*		
26 05 19 16-0334	MLF	#16 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	498.18	164.90
26 05 19 16-0335	MLF	#14 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	589.71	197.88
26 05 19 16-0336	MLF	#12 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	719.59	230.86
26 05 19 16-0337	MLF	#10 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	875.38	263.83
26 05 19 16-0338	MLF	#8 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	1,155.91	329.79
26 05 19 16-0339	MLF	#6 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	1,537.35	395.75
26 05 19 16-0340	MLF	#4 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	2,081.74	494.69
26 05 19 16-0341	MLF	#3 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	2,451.04	560.64
26 05 19 16-0342	MLF	#2 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	2,884.09	626.60
26 05 19 16-0343	MLF	#1 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	3,534.37	692.57
26 05 19 16-0344	MLF	1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	4,221.27	791.50
26 05 19 16-0345	MLF	2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	5,028.66	890.44
26 05 19 16-0346	MLF	3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	5,981.94	989.38
26 05 19 16-0347	MLF	4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	7,121.12	1,088.31
26 05 19 16-0348	MLF	250 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	7,563.18	1,187.25
26 05 19 16-0349	MLF	300 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	8,908.89	1,286.19
26 05 19 16-0350	MLF	350 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	9,510.11	1,385.12
26 05 19 16-0351	MLF	400 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	10,605.93	1,484.06
26 05 19 16-0352	MLF	500 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	12,215.30	1,583.00
26 05 19 16-0353	MLF	600 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	14,015.15	1,714.92
26 05 19 16-0354	MLF	750 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	20,966.79	1,912.80
26 05 19 16-0355	MLF	1,000 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	29,352.44	2,242.59
26 05 19 16-0356		Power Cable, Stranded, Multi Conductor, XHHW *(26 05 19 16-0332)*		
26 05 19 16-0357	MLF	2/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,179.41	395.66
26 05 19 16-0358	MLF	3/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,439.33	461.79
26 05 19 16-0359	MLF	4/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,781.78	560.64
26 05 19 16-0360	MLF	6/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,094.73	609.87
26 05 19 16-0361	MLF	7/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,245.75	643.01
26 05 19 16-0362	MLF	9/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,627.32	708.88
26 05 19 16-0363	MLF	10/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,942.17	738.89
26 05 19 16-0364	MLF	12/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,160.22	807.99
26 05 19 16-0365	MLF	14/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,474.24	857.63
26 05 19 16-0366	MLF	24/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,001.42	1,088.40
26 05 19 16-0367	MLF	37/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	7,555.66	1,615.98
26 05 19 16-0368	MLF	2/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,439.38	461.79
26 05 19 16-0369	MLF	3/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,829.08	560.64
26 05 19 16-0370	MLF	4/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,218.78	659.59
26 05 19 16-0371	MLF	2/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,914.99	593.38
26 05 19 16-0372	MLF	3/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,459.66	724.88
26 05 19 16-0373	MLF	4/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,172.08	923.58
26 05 19 16-0374	MLF	6/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	4,263.85	1,187.66
26 05 19 16-0375	MLF	9/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,734.84	1,517.12
26 05 19 16-0376	MLF	2/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,353.04	676.08
26 05 19 16-0377	MLF	3/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,973.04	791.50
26 05 19 16-0378	MLF	4/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,840.38	1,005.87
26 05 19 16-0379	MLF	2/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,992.34	758.52

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0380		MLF	3/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,993.69	939.91
26 05 19 16-0381		MLF	4/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,089.93	1,159.22
26 05 19 16-0382		MLF	2/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,990.67	920.28
26 05 19 16-0383		MLF	3/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,166.60	1,052.62
26 05 19 16-0384		MLF	4/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	6,663.88	1,313.56
26 05 19 16-0385		MLF	2/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,437.55	1,120.97
26 05 19 16-0386		MLF	3/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	7,086.57	1,253.54
26 05 19 16-0387		MLF	4/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	9,392.72	1,648.96
26 05 19 16-0388		MLF	3/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	9,365.70	1,582.76
26 05 19 16-0389		MLF	4/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	12,156.59	1,977.93
26 05 19 16-0390		MLF	3/c #1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	11,015.63	1,715.25
26 05 19 16-0391		MLF	3/c #2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	13,352.47	1,977.93
26 05 19 16-0392		MLF	3/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	16,294.38	2,307.55
26 05 19 16-0393		MLF	4/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	21,451.14	2,966.89
26 05 19 16-0394		MLF	3/c #4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	19,802.50	2,640.57
26 05 19 16-0395		MLF	3/c 250 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	21,202.26	2,966.89
26 05 19 16-0396		MLF	3/c 350 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	26,386.64	3,297.92
26 05 19 16-0397		MLF	3/c 500 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	33,834.83	3,624.58

26 05 19 16-0398 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0324)

Note: Direct bury.

26 05 19 16-0399		MLF	#14 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	648.87	
26 05 19 16-0400		MLF	#12 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	761.95	
26 05 19 16-0401		MLF	#10 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	933.71	
26 05 19 16-0402		MLF	#8 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,213.92	
26 05 19 16-0403		MLF	#6 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,643.73	
26 05 19 16-0404		MLF	#4 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	2,142.83	
26 05 19 16-0405		MLF	#2 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	3,022.70	
26 05 19 16-0406		MLF	#1 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	3,686.18	
26 05 19 16-0407		MLF	#1/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	4,472.08	
26 05 19 16-0408		MLF	#2/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	5,360.28	
26 05 19 16-0409		MLF	#3/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	6,389.99	
26 05 19 16-0410		MLF	#4/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	7,193.45	
26 05 19 16-0411		MLF	250 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	7,797.32	
26 05 19 16-0412		MLF	300 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	9,219.55	
26 05 19 16-0413		MLF	350 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	10,262.71	
26 05 19 16-0414		MLF	400 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	11,468.50	
26 05 19 16-0415		MLF	500 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	13,433.99	
26 05 19 16-0416		MLF	600 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	15,762.27	
26 05 19 16-0417		MLF	750 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	24,312.88	
26 05 19 16-0418		MLF	#14 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	704.10	
26 05 19 16-0419		MLF	#12 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	857.42	
26 05 19 16-0420		MLF	#10 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,052.81	
26 05 19 16-0421		MLF	#8 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,278.52	
26 05 19 16-0422		MLF	#6 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,703.58	
26 05 19 16-0423		MLF	#4 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,331.15	
26 05 19 16-0424		MLF	#2 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,258.82	
26 05 19 16-0425		MLF	#1 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,957.45	
26 05 19 16-0426		MLF	#1/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,463.94	
26 05 19 16-0427		MLF	#2/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,034.53	
26 05 19 16-0428		MLF	#3/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,944.92	
26 05 19 16-0429		MLF	#4/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,088.66	
26 05 19 16-0430		MLF	250 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,138.85	
26 05 19 16-0431		MLF	300 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	9,257.89	
26 05 19 16-0432		MLF	350 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	10,490.07	
26 05 19 16-0433		MLF	400 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	11,771.51	
26 05 19 16-0434		MLF	500 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	14,013.19	
26 05 19 16-0435		MLF	750 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	24,964.45	
26 05 19 16-0436		MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	476.69	
26 05 19 16-0437		MLF	#12 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	586.90	
26 05 19 16-0438		MLF	#10 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	715.65	
26 05 19 16-0439		MLF	#8 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	983.16	
26 05 19 16-0440		MLF	#6 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,305.61	
26 05 19 16-0441		MLF	#4 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,686.26	
26 05 19 16-0442		MLF	#2 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,368.56	
26 05 19 16-0443		MLF	#1 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,789.34	
26 05 19 16-0444		MLF	#1/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,242.33	
26 05 19 16-0445		MLF	#2/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,655.06	
26 05 19 16-0446		MLF	#3/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,273.12	
26 05 19 16-0447		MLF	#4/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,041.00	
26 05 19 16-0448		MLF	250 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,865.42	
26 05 19 16-0449		MLF	300 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,721.19	
26 05 19 16-0450		MLF	350 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,635.27	
26 05 19 16-0451		MLF	400 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,519.93	
26 05 19 16-0452		MLF	500 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	9,996.75	
26 05 19 16-0453		MLF	600 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	12,311.84	
26 05 19 16-0454		MLF	750 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	18,232.81	
26 05 19 16-0455		MLF	#2 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,868.96	
26 05 19 16-0456		MLF	#1/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,517.19	
26 05 19 16-0457		MLF	#2/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,129.67	

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CSI	UOM	DESCRIPTION	MINOR UNIT COST	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0458	MLF	#3/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		6,954.69	
26 05 19 16-0459	MLF	#4/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		7,725.47	
26 05 19 16-0460	MLF	250 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		8,330.48	
26 05 19 16-0461	MLF	350 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		11,834.90	
26 05 19 16-0462	MLF	400 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		12,858.57	
26 05 19 16-0463	MLF	500 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit		14,627.19	

26 05 19 16-0464 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0324)*

26 05 19 16-0465 ACTHH, Solid *(26 05 19 16-0464)*

26 05 19 16-0466	MLF	#8 AWG Cable - Type ACT, 1 Conductor, Solid		1,838.63	541.10
26 05 19 16-0467	MLF	#6 AWG Cable - Type ACT, 1 Conductor, Solid		2,116.17	613.25
26 05 19 16-0468	MLF	#4 AWG Cable - Type ACT, 1 Conductor, Solid		2,400.24	649.33
26 05 19 16-0469	MLF	#14 AWG Cable - Type ACTHH, 2 Conductors, Solid		2,700.77	901.84
26 05 19 16-0470	MLF	#12 AWG Cable - Type ACTHH, 2 Conductors, Solid		2,911.33	1,009.89
26 05 19 16-0471	MLF	#10 AWG Cable - Type ACTHH, 2 Conductors, Solid		3,621.24	1,118.92
26 05 19 16-0472	MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Solid		4,637.71	1,226.96
26 05 19 16-0473	MLF	#14 AWG Cable - Type ACTHH, 3 Conductors, Solid		3,233.12	1,009.89
26 05 19 16-0474	MLF	#12 AWG Cable - Type ACTHH, 3 Conductors, Solid		3,411.78	1,118.92
26 05 19 16-0475	MLF	#10 AWG Cable - Type ACTHH, 3 Conductors, Solid		4,294.82	1,263.13
26 05 19 16-0476	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Solid		5,469.55	1,370.63
26 05 19 16-0477	MLF	#14 AWG Cable - Type ACTHH, 4 Conductors, Solid		3,820.68	1,118.92
26 05 19 16-0478	MLF	#12 AWG Cable - Type ACTHH, 4 Conductors, Solid		4,201.63	1,263.13
26 05 19 16-0479	MLF	#10 AWG Cable - Type ACTHH, 4 Conductors, Solid		5,265.27	1,406.97
26 05 19 16-0480	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Solid		6,704.74	1,515.74

26 05 19 16-0481 ACTHH, Stranded *(26 05 19 16-0464)*

26 05 19 16-0482	MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Stranded		4,818.93	1,299.47
26 05 19 16-0483	MLF	#6 AWG Cable - Type ACTHH, 2 Conductors, Stranded		5,834.86	1,478.40
26 05 19 16-0484	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Stranded		5,650.46	1,442.96
26 05 19 16-0485	MLF	#6 AWG Cable - Type ACTHH, 3 Conductors, Stranded		7,013.41	1,622.06
26 05 19 16-0486	MLF	#4 AWG Cable - Type ACTHH, 3 Conductors, Stranded		8,778.67	1,803.69
26 05 19 16-0487	MLF	#3 AWG Cable - Type ACTHH, 3 Conductors, Stranded		10,057.29	1,982.08
26 05 19 16-0488	MLF	#2 AWG Cable - Type ACTHH, 3 Conductors, Stranded		11,482.53	2,162.72
26 05 19 16-0489	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Stranded		7,242.95	1,731.00
26 05 19 16-0490	MLF	#6 AWG Cable - Type ACTHH, 4 Conductors, Stranded		8,697.57	1,910.65
26 05 19 16-0491	MLF	#4 AWG Cable - Type ACTHH, 4 Conductors, Stranded		11,047.79	2,092.46
26 05 19 16-0492	MLF	#3 AWG Cable - Type ACTHH, 4 Conductors, Stranded		12,099.14	2,271.66
26 05 19 16-0493	MLF	#2 AWG Cable - Type ACTHH, 4 Conductors, Stranded		14,261.12	2,450.68

26 05 19 16-0494 HCFC, Solid *(26 05 19 16-0464)*

26 05 19 16-0495	MLF	#14 AWG Cable - Type HCF, 2 Conductors, Solid		2,981.01	901.84
26 05 19 16-0496	MLF	#12 AWG Cable - Type HCF, 2 Conductors, Solid		3,273.95	1,013.31
26 05 19 16-0497	MLF	#10 AWG Cable - Type HCF, 2 Conductors, Solid		3,652.01	1,113.42
26 05 19 16-0498	MLF	#14 AWG Cable - Type HCF, 3 Conductors, Solid		3,582.77	1,013.31
26 05 19 16-0499	MLF	#12 AWG Cable - Type HCF, 3 Conductors, Solid		3,854.09	1,113.42
26 05 19 16-0500	MLF	#10 AWG Cable - Type HCF, 3 Conductors, Solid		4,968.79	1,270.25
26 05 19 16-0501	MLF	#14 AWG Cable - Type HCF, 4 Conductors, Solid		4,351.20	1,113.42
26 05 19 16-0502	MLF	#12 AWG Cable - Type HCF, 4 Conductors, Solid		4,774.92	1,270.25
26 05 19 16-0503	MLF	#10 AWG Cable - Type HCF, 4 Conductors, Solid		6,401.04	1,409.14

26 05 19 16-0504 MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0464)*

26 05 19 16-0505	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor		2,704.60	901.84
26 05 19 16-0506	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor		3,022.68	1,013.31
26 05 19 16-0507	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor		3,601.83	1,113.42
26 05 19 16-0508	MLF	#8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor		4,535.55	1,189.81
26 05 19 16-0509	MLF	#6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor		5,580.79	1,261.32
26 05 19 16-0510	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		3,115.25	1,013.31
26 05 19 16-0511	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		3,505.83	1,113.42
26 05 19 16-0512	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		4,411.45	1,270.25
26 05 19 16-0513	MLF	#8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		5,648.76	1,370.63
26 05 19 16-0514	MLF	#6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		6,568.75	1,478.40
26 05 19 16-0515	MLF	#4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		8,056.39	1,587.79
26 05 19 16-0516	MLF	#2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor		10,223.30	1,695.20
26 05 19 16-0517	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		3,593.43	1,113.42
26 05 19 16-0518	MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		4,115.06	1,270.25
26 05 19 16-0519	MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		6,067.09	1,409.14
26 05 19 16-0520	MLF	#8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		8,123.22	1,552.25
26 05 19 16-0521	MLF	#6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		9,858.72	1,660.84
26 05 19 16-0522	MLF	#4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		12,885.53	1,768.34
26 05 19 16-0523	MLF	#2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor		16,527.33	1,874.94

26 05 19 16-0524 MC, Solid Or Stranded, Aluminum Armor *(26 05 19 16-0464)*

26 05 19 16-0525	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor		2,684.68	901.84
26 05 19 16-0526	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor		2,971.04	1,013.31
26 05 19 16-0527	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor		3,556.15	1,113.42
26 05 19 16-0528	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor		3,198.44	1,013.31
26 05 19 16-0529	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor		3,459.94	1,113.42
26 05 19 16-0530	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor		4,375.16	1,270.25
26 05 19 16-0531	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor		3,988.93	1,113.42

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0532		MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,401.71	1,270.25
26 05 19 16-0533		MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	6,067.09	1,409.14
26 05 19 16-0534			FPLP Solid TFN Red Armored Cable *(26 05 19 16-0464)*		
			Note: Color coded red.		
26 05 19 16-0535		MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,584.36	685.40
26 05 19 16-0536		MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,943.16	793.62
26 05 19 16-0537		MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,603.73	901.84
26 05 19 16-0538		MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,120.19	1,010.07
26 05 19 16-0539		MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,948.90	793.62
26 05 19 16-0540		MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,465.89	901.84
26 05 19 16-0541		MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,285.69	1,010.07
26 05 19 16-0542		MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,858.54	1,118.29
26 05 19 16-0543			FPLP Solid THHN Red Armored Cable *(26 05 19 16-0464)*		
			Note: Color coded red.		
26 05 19 16-0544		MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	3,286.81	901.84
26 05 19 16-0545		MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	4,021.51	1,010.07
26 05 19 16-0546		MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	5,227.66	1,118.29
26 05 19 16-0547		MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	6,022.93	1,226.51
26 05 19 16-0548		MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	4,076.85	1,010.07
26 05 19 16-0549		MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	4,924.32	1,118.29
26 05 19 16-0550			FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0464)*		
			Note: Color coded red.		
26 05 19 16-0551		MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,772.32	685.40
26 05 19 16-0552		MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,394.29	1,010.07
26 05 19 16-0553		MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,382.77	793.62
26 05 19 16-0554		MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	3,976.51	901.84
26 05 19 16-0555		MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,455.82	1,118.29
26 05 19 16-0556		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	3,966.96	937.92
26 05 19 16-0557		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,859.19	1,082.22
26 05 19 16-0558			Armored Cable Connectors *(26 05 19 16-0464)*		
26 05 19 16-0559		EA	3/4" Armored Cable Connector	5.34	1.97
			For Work In Restricted Working Space, Add	*1.49*	
			For Installation Above 14', Add	*0.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 19 16-0560		EA	1" Armored Cable Connector	6.29	2.31
			For Work In Restricted Working Space, Add	*1.73*	
			For Installation Above 14', Add	*0.87*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 19 16-0561		EA	1-1/4" Armored Cable Connector	8.94	3.30
			For Work In Restricted Working Space, Add	*2.48*	
			For Installation Above 14', Add	*1.24*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 19 16-0562			600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0324)*		
26 05 19 16-0563		MLF	#14 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	648.77	132.16
			For EPR Insulation, Add	*23.11*	
			For Hypalon (CSPE) Jacket, Add	*53.93*	
26 05 19 16-0564		MLF	#12 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	734.19	146.35
			For EPR Insulation, Add	*23.56*	
			For Hypalon (CSPE) Jacket, Add	*54.97*	
26 05 19 16-0565		MLF	#10 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	888.90	182.95
			For EPR Insulation, Add	*34.40*	
			For Hypalon (CSPE) Jacket, Add	*80.26*	
26 05 19 16-0566		MLF	#8 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,201.47	291.04
			For EPR Insulation, Add	*56.55*	
			For Hypalon (CSPE) Jacket, Add	*131.95*	
26 05 19 16-0567		MLF	#6 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,622.86	349.24
			For EPR Insulation, Add	*95.02*	
			For Hypalon (CSPE) Jacket, Add	*221.72*	
26 05 19 16-0568		MLF	#4 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	2,195.10	405.48
			For EPR Insulation, Add	*143.76*	
			For Hypalon (CSPE) Jacket, Add	*335.43*	
26 05 19 16-0569		MLF	#3 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	2,503.02	464.10
			For EPR Insulation, Add	*165.21*	
			For Hypalon (CSPE) Jacket, Add	*385.49*	
26 05 19 16-0570		MLF	#2 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	3,123.04	522.72
			For EPR Insulation, Add	*233.48*	
			For Hypalon (CSPE) Jacket, Add	*544.79*	
26 05 19 16-0571		MLF	#1 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	3,834.54	582.16
			For EPR Insulation, Add	*315.47*	
			For Hypalon (CSPE) Jacket, Add	*736.10*	
26 05 19 16-0572		MLF	#1/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	4,605.41	656.78
			For EPR Insulation, Add	*394.00*	
			For Hypalon (CSPE) Jacket, Add	*919.33*	
26 05 19 16-0573		MLF	#2/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	5,527.88	728.35
			For EPR Insulation, Add	*495.27*	
			For Hypalon (CSPE) Jacket, Add	*1,155.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0574	MLF	#3/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	6,599.41	813.10
		For EPR Insulation, Add	*618.90*	
		For Hypalon (CSPE) Jacket, Add	*1,444.09*	
26 05 19 16-0575	MLF	#4/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	7,432.63	904.04
		For EPR Insulation, Add	*706.78*	
		For Hypalon (CSPE) Jacket, Add	*1,649.14*	
26 05 19 16-0576	MLF	250 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	7,926.80	991.52
		For EPR Insulation, Add	*743.80*	
		For Hypalon (CSPE) Jacket, Add	*1,735.53*	
26 05 19 16-0577	MLF	300 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	9,306.39	1,089.96
		For EPR Insulation, Add	*913.64*	
		For Hypalon (CSPE) Jacket, Add	*2,131.82*	
26 05 19 16-0578	MLF	350 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	10,361.05	1,155.51
		For EPR Insulation, Add	*1,034.73*	
		For Hypalon (CSPE) Jacket, Add	*2,414.38*	
26 05 19 16-0579	MLF	400 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	11,580.69	1,291.47
		For EPR Insulation, Add	*1,180.58*	
		For Hypalon (CSPE) Jacket, Add	*2,754.69*	
26 05 19 16-0580	MLF	500 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	13,186.47	1,436.32
		For EPR Insulation, Add	*1,384.34*	
		For Hypalon (CSPE) Jacket, Add	*3,230.14*	
26 05 19 16-0581	MLF	600 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	15,382.26	1,494.37
		For EPR Insulation, Add	*1,664.25*	
		For Hypalon (CSPE) Jacket, Add	*3,883.24*	
26 05 19 16-0582	MLF	750 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	24,595.27	1,552.33
		For EPR Insulation, Add	*2,971.99*	
		For Hypalon (CSPE) Jacket, Add	*6,934.65*	
26 05 19 16-0583	MLF	1,000 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	30,818.81	1,658.69
		For EPR Insulation, Add	*3,856.06*	
		For Hypalon (CSPE) Jacket, Add	*8,997.46*	
26 05 19 16-0584	MLF	#16 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,045.50	296.65
26 05 19 16-0585	MLF	#14 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,275.26	329.79
26 05 19 16-0586	MLF	#12 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,586.46	396.08
26 05 19 16-0587	MLF	#10 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,875.04	461.54
26 05 19 16-0588	MLF	#8 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	2,643.43	494.20
26 05 19 16-0589	MLF	#18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	376.66	164.90
26 05 19 16-0590	MLF	#16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	469.93	181.39
26 05 19 16-0591	MLF	#14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	476.69	132.24
26 05 19 16-0592	MLF	#12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	586.90	157.64
26 05 19 16-0593	MLF	#10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	715.67	198.29
26 05 19 16-0594	MLF	#8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	983.16	261.36
26 05 19 16-0595	MLF	#6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,305.61	315.62
26 05 19 16-0596	MLF	#4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,686.26	372.99
26 05 19 16-0597	MLF	#3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,001.60	422.22
26 05 19 16-0598	MLF	#2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,368.56	472.84
26 05 19 16-0599	MLF	#1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,789.34	533.60
26 05 19 16-0600	MLF	#1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,242.33	584.31
26 05 19 16-0601	MLF	#2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,655.06	645.73
26 05 19 16-0602	MLF	#3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	4,273.12	683.00
26 05 19 16-0603	MLF	#4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	5,041.00	768.41
26 05 19 16-0604	MLF	250 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	5,865.42	817.47
26 05 19 16-0605	MLF	300 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	6,721.19	925.81
26 05 19 16-0606	MLF	350 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	7,635.28	1,024.58
26 05 19 16-0607	MLF	400 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	8,519.94	1,052.62
26 05 19 16-0608	MLF	500 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	9,996.75	1,113.62
26 05 19 16-0609	MLF	600 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	12,229.40	1,310.51
26 05 19 16-0610	MLF	750 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	18,232.80	1,552.33
26 05 19 16-0611	MLF	1,000 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	21,775.24	1,874.21
26 05 19 16-0612	MLF	#16 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	1,874.58	396.08
26 05 19 16-0613	MLF	#14 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	2,092.45	461.54
26 05 19 16-0614	MLF	#12 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	2,421.62	528.08
26 05 19 16-0615	MLF	#10 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	3,109.05	593.38
26 05 19 16-0616	MLF	#8 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	3,517.72	659.59
26 05 19 16-0617	MLF	#6 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	4,438.72	724.88
26 05 19 16-0618		600 Volt, Single Stranded Copper, Low Smoke Zero Halogen *(26 05 19 16-0324)*		
26 05 19 16-0619	MLF	#14 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	460.04	132.24
26 05 19 16-0620	MLF	#12 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	579.19	157.64
26 05 19 16-0621	MLF	#10 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	773.88	198.29
26 05 19 16-0622	MLF	#8 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	1,137.51	261.36
26 05 19 16-0623	MLF	#6 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	1,589.31	315.62
26 05 19 16-0624	MLF	#4 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	2,041.86	372.99
26 05 19 16-0625	MLF	#3 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	2,436.44	422.22
26 05 19 16-0626	MLF	#2 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	2,927.92	472.84
26 05 19 16-0627	MLF	#1 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	3,351.98	533.60
26 05 19 16-0628	MLF	#1/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	3,818.16	584.31
26 05 19 16-0629	MLF	#2/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	4,380.58	645.73
26 05 19 16-0630	MLF	#3/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	5,221.67	683.00
26 05 19 16-0631	MLF	#4/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	6,294.10	768.41
26 05 19 16-0632	MLF	250 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	7,116.37	817.47
26 05 19 16-0633	MLF	300 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	8,343.61	925.81
26 05 19 16-0634	MLF	350 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	9,638.55	1,024.58
26 05 19 16-0635	MLF	400 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	10,495.55	1,052.62
26 05 19 16-0636	MLF	500 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	12,529.26	1,113.62
26 05 19 16-0637	MLF	600 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	14,983.81	1,310.51
26 05 19 16-0638	MLF	750 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	19,361.99	1,552.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0639	MLF	1,000 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	25,082.65	1,874.21
26 05 19 16-0640		**600 Volt, Feeder Wire, Single Stranded Aluminum** *(26 05 19 16-0324)*		
26 05 19 16-0641	MLF	#6 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	789.59	252.54
26 05 19 16-0642	MLF	#4 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	929.18	293.65
26 05 19 16-0643	MLF	#2 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,207.07	376.95
26 05 19 16-0644	MLF	#1 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,439.99	420.93
26 05 19 16-0645	MLF	#1/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,650.93	474.24
26 05 19 16-0646	MLF	#2/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,858.40	523.43
26 05 19 16-0647	MLF	#3/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,159.90	590.72
26 05 19 16-0648	MLF	#4/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,388.33	651.72
26 05 19 16-0649	MLF	250 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,717.74	716.44
26 05 19 16-0650	MLF	300 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,227.73	779.12
26 05 19 16-0651	MLF	350 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,405.60	841.78
26 05 19 16-0652	MLF	400 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,861.90	936.30
26 05 19 16-0653	MLF	500 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,254.82	1,030.77
26 05 19 16-0654	MLF	600 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,127.65	1,200.73
26 05 19 16-0655	MLF	700 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,745.01	1,316.33
26 05 19 16-0656	MLF	750 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,891.90	1,365.13
26 05 19 16-0657	MLF	1,000 MCM Cable - Type THHN-THWN, 600 Volt, Aluminum, Single Stranded, Placed In Conduit	7,830.97	1,655.98
26 05 19 16-0658	MLF	#8 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	870.32	292.77
26 05 19 16-0659	MLF	#6 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	979.53	329.79
26 05 19 16-0660	MLF	#4 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,205.40	405.73
26 05 19 16-0661	MLF	#2 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,502.81	497.32
26 05 19 16-0662	MLF	#1 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,843.58	585.46
26 05 19 16-0663	MLF	1/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,105.59	659.83
26 05 19 16-0664	MLF	2/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,370.99	732.88
26 05 19 16-0665	MLF	3/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,668.30	799.58
26 05 19 16-0666	MLF	4/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,871.14	850.95
26 05 19 16-0667	MLF	250 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,184.13	910.47
26 05 19 16-0668	MLF	300 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,693.58	975.77
26 05 19 16-0669	MLF	350 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,910.06	1,054.10
26 05 19 16-0670	MLF	400 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,364.23	1,149.49
26 05 19 16-0671	MLF	500 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,942.00	1,319.17
26 05 19 16-0672	MLF	600 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,553.82	1,388.26
26 05 19 16-0673	MLF	700 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,063.83	1,463.62
26 05 19 16-0674	MLF	750 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,318.02	1,555.46
26 05 19 16-0675	MLF	1,000 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	9,066.42	2,179.93
26 05 19 16-0676	MLF	#6 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	959.37	329.79
26 05 19 16-0677	MLF	#4 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,187.43	405.65
26 05 19 16-0678	MLF	#2 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,468.53	497.99
26 05 19 16-0679	MLF	#1 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,775.21	582.16
26 05 19 16-0680	MLF	#1/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,004.20	656.78
26 05 19 16-0681	MLF	#2/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,244.83	728.35
26 05 19 16-0682	MLF	#3/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,530.85	799.58
26 05 19 16-0683	MLF	#4/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,728.62	850.95
26 05 19 16-0684	MLF	250 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,007.02	909.90
26 05 19 16-0685	MLF	300 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,444.56	977.01
26 05 19 16-0686	MLF	350 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,679.37	1,055.50
26 05 19 16-0687	MLF	400 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,038.84	1,146.85
26 05 19 16-0688	MLF	500 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,646.83	1,319.17
26 05 19 16-0689	MLF	600 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,118.56	1,384.55
26 05 19 16-0690	MLF	700 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,563.00	1,463.62
26 05 19 16-0691	MLF	750 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,827.10	1,550.76
26 05 19 16-0692		**Non-Metallic Sheathed Cable** *(26 05 19 16-0324)*		
26 05 19 16-0693		**Indoor Installation** *(26 05 19 16-0692)*		
		Note: For NM, NM-B, NMC-B and NMS-B.		
26 05 19 16-0694	MLF	#14-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	1,814.61	626.52
		For Installation In Wood Stud Wall (Includes Drilling), Add	*234.94*	
26 05 19 16-0695	MLF	#14-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,233.69	758.52
		For Installation In Wood Stud Wall (Includes Drilling), Add	*284.46*	
26 05 19 16-0696	MLF	#12-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,010.57	712.35
		For Installation In Wood Stud Wall (Includes Drilling), Add	*253.53*	
26 05 19 16-0697	MLF	#12-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,473.37	791.34
		For Installation In Wood Stud Wall (Includes Drilling), Add	*296.76*	
26 05 19 16-0698	MLF	#10-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,508.75	791.75
		For Installation In Wood Stud Wall (Includes Drilling), Add	*296.91*	
26 05 19 16-0699	MLF	#10-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	3,076.54	923.58
		For Installation In Wood Stud Wall (Includes Drilling), Add	*346.34*	
26 05 19 16-0700	MLF	#8-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	3,197.28	948.15
		For Installation In Wood Stud Wall (Includes Drilling), Add	*337.62*	
26 05 19 16-0701	MLF	#8-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	4,149.41	1,146.03
		For Installation In Wood Stud Wall (Includes Drilling), Add	*408.12*	
26 05 19 16-0702	MLF	#6-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	3,846.19	1,080.07
		For Installation In Wood Stud Wall (Includes Drilling), Add	*383.38*	
26 05 19 16-0703	MLF	#6-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	4,956.99	1,302.68
		For Installation In Wood Stud Wall (Includes Drilling), Add	*463.77*	
26 05 19 16-0704	MLF	#4-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	6,425.73	1,434.60
		For Installation In Wood Stud Wall (Includes Drilling), Add	*510.15*	
26 05 19 16-0705	MLF	#2-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	8,936.84	1,558.27
		For Installation In Wood Stud Wall (Includes Drilling), Add	*556.52*	

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

26 05 19 16-0706 Direct Burial Cable *(26 05 19 16-0692)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0707	MLF	#14-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		1,899.53	
26 05 19 16-0708	MLF	#14-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		2,405.35	
26 05 19 16-0709	MLF	#12-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		2,397.58	
26 05 19 16-0710	MLF	#12-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		2,805.33	
26 05 19 16-0711	MLF	#10-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		2,639.44	
26 05 19 16-0712	MLF	#10-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		3,315.07	
26 05 19 16-0713	MLF	#8-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		3,490.00	
26 05 19 16-0714	MLF	#8-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		4,393.79	
26 05 19 16-0715	MLF	#6-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		4,457.65	
26 05 19 16-0716	MLF	#6-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching		5,303.66	

26 05 19 16-0717 SEU Cable Copper, 3 Conductor *(26 05 19 16-0692)*

26 05 19 16-0718	MLF	12-12-12 Cable SEU Copper		2,293.91	793.89
26 05 19 16-0719	MLF	10-10-10 Cable SEU Copper		2,807.41	901.84
26 05 19 16-0720	MLF	8-8-8 Cable SEU Copper		3,408.34	1,009.89
26 05 19 16-0721	MLF	6-6-8 Cable SEU Copper		4,012.73	1,082.67
26 05 19 16-0722	MLF	6-6-6 Cable SEU Copper		4,282.10	1,118.92
26 05 19 16-0723	MLF	4-4-6 Cable SEU Copper		5,116.81	1,226.96
26 05 19 16-0724	MLF	4-4-4 Cable SEU Copper		5,469.01	1,263.13
26 05 19 16-0725	MLF	3-3-5 Cable SEU Copper		6,292.58	1,370.63
26 05 19 16-0726	MLF	3-3-3 Cable SEU Copper		6,674.15	1,442.96
26 05 19 16-0727	MLF	2-2-4 Cable SEU Copper		7,110.48	1,515.74
26 05 19 16-0728	MLF	2-2-2 Cable SEU Copper		7,577.56	1,587.79
26 05 19 16-0729	MLF	1-1-1 Cable SEU Copper		9,170.72	1,803.69
26 05 19 16-0730	MLF	1/0-1/0-1/0 Cable SEU Copper		10,820.85	2,022.12
26 05 19 16-0731	MLF	2/0-2/0-2/0 Cable SEU Copper		12,912.73	2,277.43
26 05 19 16-0732	MLF	3/0-3/0-3/0 Cable SEU Copper		15,381.32	2,533.29
26 05 19 16-0733	MLF	4/0-4/0-4/0 Cable SEU Copper		17,186.50	2,827.10

26 05 19 16-0734 SEU Cable Aluminum, 3 Conductor *(26 05 19 16-0692)*

26 05 19 16-0735	MLF	8-8-8 Cable SEU Aluminum		3,164.94	1,013.31
26 05 19 16-0736	MLF	6-6-6 Cable SEU Aluminum		3,595.59	1,113.42
26 05 19 16-0737	MLF	4-4-6 Cable SEU Aluminum		4,028.68	1,218.76
26 05 19 16-0738	MLF	4-4-4 Cable SEU Aluminum		4,216.74	1,270.25
26 05 19 16-0739	MLF	2-2-4 Cable SEU Aluminum		5,040.30	1,503.11
26 05 19 16-0740	MLF	2-2-2 Cable SEU Aluminum		5,346.50	1,582.19
26 05 19 16-0741	MLF	1-1-1 Cable SEU Aluminum		6,394.28	1,803.69
26 05 19 16-0742	MLF	1/0-1/0-2 Cable SEU Aluminum		6,765.61	1,898.65
26 05 19 16-0743	MLF	1/0-1/0-1/0 Cable SEU Aluminum		8,135.75	2,004.08
26 05 19 16-0744	MLF	2/0-2/0-1 Cable SEU Aluminum		7,639.81	2,147.30
26 05 19 16-0745	MLF	2/0-2/0-2/0 Cable SEU Aluminum		8,066.74	2,254.62
26 05 19 16-0746	MLF	3/0-3/0-1/0 Cable SEU Aluminum		8,760.20	2,360.86
26 05 19 16-0747	MLF	3/0-3/0-3/0 Cable SEU Aluminum		9,366.05	2,505.15
26 05 19 16-0748	MLF	4/0-4/0-2/0 Cable SEU Aluminum		9,906.57	2,708.24
26 05 19 16-0749	MLF	4/0-4/0-4/0 Cable SEU Aluminum		10,450.63	2,818.27

26 05 19 16-0750 SER Cable Copper, 4 Conductor *(26 05 19 16-0692)*

26 05 19 16-0751	MLF	6-6-6-6 Cable SER Copper		6,440.58	1,299.47
26 05 19 16-0752	MLF	4-4-4-6 Cable SER Copper		8,117.68	1,406.97
26 05 19 16-0753	MLF	3-3-3-5 Cable SER Copper		9,486.36	1,587.79
26 05 19 16-0754	MLF	2-2-2-4 Cable SER Copper		10,988.26	1,731.00
26 05 19 16-0755	MLF	1-1-1-3 Cable SER Copper		13,295.67	1,982.08
26 05 19 16-0756	MLF	1/0-1/0-1/0-2 Cable SER Copper		16,738.96	2,271.66
26 05 19 16-0757	MLF	2/0-2/0-2/0-1 Cable SER Copper		19,809.48	2,450.68
26 05 19 16-0758	MLF	3/0-3/0-3/0-1/0 Cable SER Copper		23,744.59	2,741.16

26 05 19 16-0759 Control Tray Cable, Low Voltage *(26 05 19 16-0011)*

Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.

26 05 19 16-0760	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable		856.26	399.95
		For Installation On Exposed Surface, Deduct	*-133.32*		
26 05 19 16-0761	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable		989.52	447.40
		For Installation On Exposed Surface, Deduct	*-149.13*		
26 05 19 16-0762	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable		1,039.20	447.37
		For Installation On Exposed Surface, Deduct	*-149.13*		
26 05 19 16-0763	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable		1,301.01	561.13
		For Installation On Exposed Surface, Deduct	*-187.04*		
26 05 19 16-0764	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable		1,640.92	683.78
		For Installation On Exposed Surface, Deduct	*-227.93*		
26 05 19 16-0765	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable		1,876.42	751.93
		For Installation On Exposed Surface, Deduct	*-250.64*		
26 05 19 16-0766	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable		2,236.84	854.38
		For Installation On Exposed Surface, Deduct	*-284.79*		
26 05 19 16-0767	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable		2,833.35	1,044.29
		For Installation On Exposed Surface, Deduct	*-348.10*		
26 05 19 16-0768	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable		3,244.54	1,139.27
		For Installation On Exposed Surface, Deduct	*-379.75*		
26 05 19 16-0769	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable		3,863.89	1,174.88
		For Installation On Exposed Surface, Deduct	*-391.63*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0770	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	4,735.84	1,467.74
		For Installation On Exposed Surface, Deduct	*-489.25*	
26 05 19 16-0771	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	5,685.90	1,715.33
		For Installation On Exposed Surface, Deduct	*-571.78*	
26 05 19 16-0772	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	938.73	421.30
		For Installation On Exposed Surface, Deduct	*-140.33*	
26 05 19 16-0773	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,089.73	470.94
		For Installation On Exposed Surface, Deduct	*-156.98*	
26 05 19 16-0774	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,270.55	542.18
		For Installation On Exposed Surface, Deduct	*-180.73*	
26 05 19 16-0775	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,441.66	590.65
		For Installation On Exposed Surface, Deduct	*-196.88*	
26 05 19 16-0776	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	1,826.21	719.77
		For Installation On Exposed Surface, Deduct	*-239.92*	
26 05 19 16-0777	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,098.18	791.50
		For Installation On Exposed Surface, Deduct	*-263.83*	
26 05 19 16-0778	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	2,515.00	899.34
		For Installation On Exposed Surface, Deduct	*-299.78*	
26 05 19 16-0779	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,198.09	1,099.20
		For Installation On Exposed Surface, Deduct	*-366.40*	
26 05 19 16-0780	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	3,680.75	1,199.12
		For Installation On Exposed Surface, Deduct	*-399.71*	
26 05 19 16-0781	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	4,443.39	1,236.72
		For Installation On Exposed Surface, Deduct	*-412.24*	
26 05 19 16-0782	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	5,436.87	1,544.91
		For Installation On Exposed Surface, Deduct	*-514.97*	
26 05 19 16-0783	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	6,543.12	1,805.61
		For Installation On Exposed Surface, Deduct	*-601.87*	
26 05 19 16-0784	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,020.86	439.78
		For Installation On Exposed Surface, Deduct	*-146.59*	
26 05 19 16-0785	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,225.28	494.69
		For Installation On Exposed Surface, Deduct	*-164.90*	
26 05 19 16-0786	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,439.14	565.43
		For Installation On Exposed Surface, Deduct	*-188.48*	
26 05 19 16-0787	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	1,624.60	608.96
		For Installation On Exposed Surface, Deduct	*-202.99*	
26 05 19 16-0788	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,175.56	746.48
		For Installation On Exposed Surface, Deduct	*-248.83*	
26 05 19 16-0789	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	2,514.70	824.48
		For Installation On Exposed Surface, Deduct	*-274.88*	
26 05 19 16-0790	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,102.84	920.12
		For Installation On Exposed Surface, Deduct	*-306.71*	
26 05 19 16-0791	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	3,706.14	1,099.04
		For Installation On Exposed Surface, Deduct	*-366.40*	
26 05 19 16-0792	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	6,373.03	1,277.12
		For Installation On Exposed Surface, Deduct	*-425.60*	
26 05 19 16-0793	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	5,582.57	1,493.14
		For Installation On Exposed Surface, Deduct	*-497.82*	
26 05 19 16-0794	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	6,501.59	1,668.58
		For Installation On Exposed Surface, Deduct	*-556.19*	
26 05 19 16-0795	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	7,844.00	1,950.05
		For Installation On Exposed Surface, Deduct	*-650.02*	
26 05 19 16-0796	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,196.98	470.94
		For Installation On Exposed Surface, Deduct	*-156.98*	
26 05 19 16-0797	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,438.32	521.07
		For Installation On Exposed Surface, Deduct	*-173.64*	
26 05 19 16-0798	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	1,755.70	599.57
		For Installation On Exposed Surface, Deduct	*-199.85*	
26 05 19 16-0799	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	1,995.00	638.15
		For Installation On Exposed Surface, Deduct	*-212.72*	
26 05 19 16-0800	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	2,645.43	760.83
		For Installation On Exposed Surface, Deduct	*-253.61*	
26 05 19 16-0801	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	3,271.43	899.34
		For Installation On Exposed Surface, Deduct	*-299.78*	
26 05 19 16-0802	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	3,994.16	1,014.61
		For Installation On Exposed Surface, Deduct	*-338.20*	
26 05 19 16-0803	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	4,762.50	1,164.00
		For Installation On Exposed Surface, Deduct	*-388.00*	
26 05 19 16-0804	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	5,642.33	1,319.34
		For Installation On Exposed Surface, Deduct	*-439.78*	
26 05 19 16-0805	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	7,255.25	1,541.94
		For Installation On Exposed Surface, Deduct	*-513.98*	
26 05 19 16-0806	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	8,398.48	1,802.15
		For Installation On Exposed Surface, Deduct	*-600.72*	
26 05 19 16-0807	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	10,171.79	2,106.38
		For Installation On Exposed Surface, Deduct	*-702.13*	
26 05 19 16-0808	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,439.78	494.69
		For Installation On Exposed Surface, Deduct	*-164.90*	
26 05 19 16-0809	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	1,812.47	542.51
		For Installation On Exposed Surface, Deduct	*-180.73*	
26 05 19 16-0810	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,216.05	618.36
		For Installation On Exposed Surface, Deduct	*-206.12*	
26 05 19 16-0811	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	2,585.69	670.79
		For Installation On Exposed Surface, Deduct	*-223.60*	
26 05 19 16-0812	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	3,514.49	841.96
		For Installation On Exposed Surface, Deduct	*-280.65*	
26 05 19 16-0813	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	4,178.62	942.38
		For Installation On Exposed Surface, Deduct	*-314.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0814	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	4,869.01	1,099.20
		For Installation On Exposed Surface, Deduct	*-366.40*	
26 05 19 16-0815	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	5,764.26	1,257.00
		For Installation On Exposed Surface, Deduct	*-419.00*	
26 05 19 16-0816	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	6,850.98	1,424.70
		For Installation On Exposed Surface, Deduct	*-474.90*	
26 05 19 16-0817	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	8,866.15	1,665.12
		For Installation On Exposed Surface, Deduct	*-555.04*	
26 05 19 16-0818	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	10,256.87	1,946.11
		For Installation On Exposed Surface, Deduct	*-648.70*	
26 05 19 16-0819	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	12,451.28	2,275.07
		For Installation On Exposed Surface, Deduct	*-758.36*	

26 05 19 16-0820 Single Conductor Installed On Poles *(26 05 19 16-0011)*

26 05 19 16-0821 Bare Stranded Conductor *(26 05 19 16-0820)*

26 05 19 16-0822	MLF	#12 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	990.69	344.44
26 05 19 16-0823	MLF	#10 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,140.25	375.43
26 05 19 16-0824	MLF	#8 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,290.82	406.81
26 05 19 16-0825	MLF	#6 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,537.68	438.37
26 05 19 16-0826	MLF	#4 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,823.87	470.02
26 05 19 16-0827	MLF	#2 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,532.51	563.76
26 05 19 16-0828	MLF	#1 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,894.48	626.22
26 05 19 16-0829	MLF	#1/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,283.42	687.56
26 05 19 16-0830	MLF	#2/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	4,325.84	815.49
26 05 19 16-0831	MLF	#3/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	5,211.54	937.60
26 05 19 16-0832	MLF	#4/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	5,634.64	1,062.62
26 05 19 16-0833	MLF	250 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	7,064.88	1,252.36
26 05 19 16-0834	MLF	300 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	7,253.97	1,318.30
26 05 19 16-0835	MLF	350 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	8,863.53	1,380.57
26 05 19 16-0836	MLF	400 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	9,730.63	1,437.21
26 05 19 16-0837	MLF	500 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	11,215.25	1,498.54

26 05 19 16-0838 Insulated Stranded Conductor *(26 05 19 16-0820)*

26 05 19 16-0839	MLF	#12 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,050.76	344.44
26 05 19 16-0840	MLF	#10 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,217.77	375.43
26 05 19 16-0841	MLF	#8 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,443.84	406.81
26 05 19 16-0842	MLF	#6 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,566.64	438.37
26 05 19 16-0843	MLF	#4 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,868.06	470.02
26 05 19 16-0844	MLF	#2 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,468.69	563.76
26 05 19 16-0845	MLF	#1 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,888.11	626.22
26 05 19 16-0846	MLF	#1/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,372.28	687.56
26 05 19 16-0847	MLF	#2/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	4,052.97	815.49
26 05 19 16-0848	MLF	#3/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	4,831.19	937.60
26 05 19 16-0849	MLF	#4/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	5,664.31	1,062.62
26 05 19 16-0850	MLF	250 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	6,883.32	1,252.36
26 05 19 16-0851	MLF	300 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	7,734.53	1,318.30
26 05 19 16-0852	MLF	350 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	8,434.86	1,380.57
26 05 19 16-0853	MLF	400 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	9,375.19	1,437.21
26 05 19 16-0854	MLF	500 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	10,459.26	1,498.54

26 05 19 16-0855 Bare Solid Conductor *(26 05 19 16-0820)*

26 05 19 16-0856	MLF	#12 AWG 1/c Bare Solid Copper Cable, Installed On Poles	990.69	344.44
26 05 19 16-0857	MLF	#8 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,290.82	406.81
26 05 19 16-0858	MLF	#6 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,537.68	438.37
26 05 19 16-0859	MLF	#4 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,805.61	470.02

26 05 19 23 Manufactured Wiring Assemblies *(26 05 19)*

26 05 19 23-0001 Festoon Cable Systems Complete System *(26 05 19 23)*

26 05 19 23-0002 Components *(26 05 19 23-0001)*

26 05 19 23-0003	LF	20' C Channel Type Track, Galvanized Steel Festoon Cable System Components	12.18	5.41
26 05 19 23-0004	EA	Channel Track Hanger, Plated Steel Festoon Cable System Components	48.35	19.84
26 05 19 23-0005	EA	Channel Track Joint Clamp Assembly Festoon Cable System Components	39.70	19.84
26 05 19 23-0006	EA	End Stop For Channel Track Festoon Cable System Components	10.11	4.51
26 05 19 23-0007	EA	End Clamp And Cable Saddle Assembly With Steel Saddle, Festoon Cable System	50.53	22.55
26 05 19 23-0008	EA	Cable Supplying Trolley, Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	43.50	1.80
26 05 19 23-0009	EA	Towing Trolley Assembly With Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	49.84	1.80
26 05 19 23-0010	EA	J-Box With 2 Terminal Blocks And Bracket Festoon Cable System Components	297.99	112.73
26 05 19 23-0011	EA	Watertight Connector For Flat Cable Festoon Cable System Components	27.13	9.03

26 05 19 23-0012 Cable *(26 05 19 23-0001)*

26 05 19 23-0013	LF	12/c #16 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	6.14	1.80
26 05 19 23-0014	LF	12/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	6.61	1.80
26 05 19 23-0015	LF	8/c #16 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.67	1.80
26 05 19 23-0016	LF	8/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.70	1.80
26 05 19 23-0017	LF	7/c #12 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	6.19	1.80
26 05 19 23-0018	LF	4/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	4.74	1.80
26 05 19 23-0019	LF	4/c #12 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	4.99	1.80

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 23-0020		Complete Systems *(26 05 19 23-0001)*		
26 05 19 23-0021	EA	Festoon System, 80' Long, Complete With 7/c #12 And 4/c #14, Wet Environment Note: Includes 10 each cable trolleys with steel saddle, stainless steel wheels, 1 each J-box with terminal strips and brackets, 80 LF C type track, 20' sections, 9 each hangars, 3 each joints, 2 each end stop, 1 each end clamp with steel saddle, 1 each towing trolley with steel saddle, 2 each watertight connectors for 4/c #14, 2 each watertight connectors for 7/c #12, 80 LF each type cable as listed.	4,976.36	1,803.69

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001		Cable For Sound System *(26 05 23)*		
26 05 23 00-0002		Shielded Conductors *(26 05 23 00-0001)* Note: One pair, stranded or solid, copper, PVC jacketed, sizes as indicated on tasks.		
26 05 23 00-0003	MLF	1 Pair #20 AWG Sound System, Placed In Conduit, Shielded	734.87	329.79
26 05 23 00-0004	MLF	1 Pair #14 AWG Sound System, Placed In Conduit, Shielded	1,116.02	329.79
26 05 23 00-0005	MLF	3 Conductor, #16 AWG Sound System, Placed In Conduit, Shielded	945.20	195.46
26 05 23 00-0006	MLF	6 Conductor, #18 AWG Sound System, Placed In Conduit, Shielded	992.56	199.85
26 05 23 00-0007		Cable For HVAC System Controls *(26 05 23)*		
26 05 23 00-0008		Low Voltage Thermostat Cable To 300 Volts *(26 05 23 00-0007)* Note: For surface or conduit installation.		
26 05 23 00-0009	MLF	#20/2 Conductor, Low Volt Thermostat Cable	357.31	105.12
26 05 23 00-0010	MLF	#20/3 Conductor, Low Volt Thermostat Cable	407.90	110.73
26 05 23 00-0011	MLF	#20/4 Conductor, Low Volt Thermostat Cable	442.10	117.08
26 05 23 00-0012	MLF	#20/5 Conductor, Low Volt Thermostat Cable	529.76	122.02
26 05 23 00-0013	MLF	#20/6 Conductor, Low Volt Thermostat Cable	555.36	127.79
26 05 23 00-0014	MLF	#20/7 Conductor, Low Volt Thermostat Cable	611.14	133.11
26 05 23 00-0015	MLF	#20/8 Conductor, Low Volt Thermostat Cable	659.55	138.43
26 05 23 00-0016	MLF	#20/9 Conductor, Low Volt Thermostat Cable	716.06	143.95
26 05 23 00-0017	MLF	#20/10 Conductor, Low Volt Thermostat Cable	770.39	148.27
26 05 23 00-0018	MLF	#18/2 Conductor, Low Volt Thermostat Cable	388.04	105.12
26 05 23 00-0019	MLF	#18/3 Conductor, Low Volt Thermostat Cable	462.73	110.73
26 05 23 00-0020	MLF	#18/4 Conductor, Low Volt Thermostat Cable	529.09	117.08
26 05 23 00-0021	MLF	#18/5 Conductor, Low Volt Thermostat Cable	565.67	122.02
26 05 23 00-0022	MLF	#18/6 Conductor, Low Volt Thermostat Cable	627.50	127.79
26 05 23 00-0023	MLF	#18/7 Conductor, Low Volt Thermostat Cable	644.26	133.11
26 05 23 00-0024	MLF	#18/8 Conductor, Low Volt Thermostat Cable	710.09	138.43
26 05 23 00-0025	MLF	#18/9 Conductor, Low Volt Thermostat Cable	837.34	143.95
26 05 23 00-0026	MLF	#18/10 Conductor, Low Volt Thermostat Cable	919.97	148.27

26 05 26 Grounding And Bonding For Electrical Systems *(26 05)*

26 05 26 00-0001		Conductors, Straps And Conduit Jumpers *(26 05 26)*		
26 05 26 00-0002		Single Conductor *(26 05 26 00-0001)*		
26 05 26 00-0003		Copper Bare Stranded Conductors *(26 05 26 00-0002)*		
26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	426.31	170.95
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	548.66	170.95
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	671.70	205.92
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	894.63	205.92
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	1,175.69	248.66
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	1,804.00	248.66
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	2,076.10	299.17
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	2,431.25	299.17
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	3,366.02	376.87
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	4,129.48	376.87
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	4,407.32	501.20
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	5,614.68	501.20
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	5,650.63	578.90
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	7,543.16	578.90
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	10,250.63	714.89
26 05 26 00-0019		Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*		
26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	749.99	233.11
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	812.24	233.11
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,028.90	233.11
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,180.43	404.07
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	1,572.75	404.07
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	2,191.07	404.07
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	2,632.70	707.12
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	3,196.54	707.12
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	3,722.65	707.12
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	4,404.70	707.12
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	5,169.49	924.70
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	6,212.14	924.70
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	7,208.38	924.70
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	8,502.04	1,437.56
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	11,021.85	1,437.56

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0035		**Copper Bare Single Solid Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	426.31	170.95
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	548.66	170.95
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	671.70	205.92
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	894.63	205.92
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	1,175.69	248.66
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	1,804.00	248.66
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	2,431.25	299.17
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	4,407.32	396.30
26 05 26 00-0044		**Aluminum Bare Single Stranded Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	503.93	205.92
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	551.84	205.92
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	625.96	248.66
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	776.49	248.66
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	889.49	299.17
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,018.72	299.17
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	1,161.71	376.87
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	1,332.98	376.87
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	1,587.95	501.20
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	1,775.20	501.20
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	2,097.10	578.90
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	2,372.49	578.90
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	2,795.55	714.89
26 05 26 00-0058		**Aluminum Bare Single Solid Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	503.93	205.92
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	551.84	205.92
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	625.96	248.66
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	776.49	248.66
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	858.13	396.30
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,018.72	396.30
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,084.03	376.87
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	1,176.56	376.87
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	1,587.95	501.20
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	1,775.20	501.20
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	2,097.10	578.90
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	2,372.49	578.90
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	2,795.55	714.89
26 05 26 00-0072		**Aluminum Smooth Woven Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	1.98	0.62
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.18	0.68
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.57	0.78
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.60	0.80
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.72	0.84
26 05 26 00-0078		**Copper Flexible Braid Connector Jumper Strap** *(26 05 26 00-0001)* Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.		
26 05 26 00-0079	EA	100 Amp, Copper Flexible Braid Jumper Strap, 12" Length	95.78	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 05 26 00-0080	EA	225 Amp, Copper Flexible Braid Jumper Strap, 12" Length	161.83	27.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 05 26 00-0081	EA	225 Amp, Copper Flexible Braid Jumper Strap, 18" Length	204.96	27.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 05 26 00-0082	EA	225 Amp, Copper Flexible Braid Jumper Strap, 24" Length	247.49	27.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 05 26 00-0083	EA	400 Amp, Copper Flexible Braid Jumper Strap, 12" Length	217.11	29.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 05 26 00-0084	EA	400 Amp, Copper Flexible Braid Jumper Strap, 18" Length	279.16	29.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 05 26 00-0085	EA	400 Amp, Copper Flexible Braid Jumper Strap, 24" Length	333.06	29.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 05 26 00-0086	EA	600 Amp, Copper Flexible Braid Jumper Strap, 12" Length	280.62	37.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.32*	
26 05 26 00-0087	EA	800 Amp, Copper Flexible Braid Jumper Strap, 12" Length	337.58	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 05 26 00-0088		**Bonding Jumper For Metallic Conduit** *(26 05 26 00-0001)*		
26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper - Metallic Conduit	132.62	49.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.18*	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper - Metallic Conduit	163.38	49.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.69*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper - Metallic Conduit	234.72	76.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.99*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper - Metallic Conduit	342.02	76.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0093		Ground Rods *(26 05 26)*		
26 05 26 00-0094		Copper-Clad Ground Rods *(26 05 26 00-0093)*		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	75.24	67.64
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	78.21	67.64
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	90.19	67.64
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	88.42	67.64
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	92.14	67.64
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	107.11	67.64
26 05 26 00-0101		Copper Grounding Shaft *(26 05 26 00-0093)*		
26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	232.77	67.64
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	288.18	67.64
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	439.79	67.64
26 05 26 00-0105		Ground Access Wells *(26 05 26 00-0093)*		
26 05 26 00-0106		Precast Ground Access Wells *(26 05 26 00-0105)*		
26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	170.92	
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	178.69	
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	472.33	
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	480.09	
26 05 26 00-0111		Polyvinyl Chloride (PVC) Ground Access Well *(26 05 26 00-0105)*		
26 05 26 00-0112	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	281.93	
26 05 26 00-0113	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	328.88	
26 05 26 00-0114	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	595.88	
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	270.25	
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	278.56	
26 05 26 00-0117	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	572.22	
26 05 26 00-0118	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	157.84	
26 05 26 00-0119	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	168.95	
26 05 26 00-0120	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	178.12	
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	125.17	
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	178.37	
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	303.71	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	398.14	
26 05 26 00-0125	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	248.38	
26 05 26 00-0126	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	352.91	
26 05 26 00-0127	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	368.46	
26 05 26 00-0128	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	448.74	
26 05 26 00-0129	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	206.72	
26 05 26 00-0130	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	348.64	
26 05 26 00-0131	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	374.55	
26 05 26 00-0132		Polymer Concrete Ground Access Well *(26 05 26 00-0105)*		
26 05 26 00-0133	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	301.28	
26 05 26 00-0134	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	329.08	
26 05 26 00-0135	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	331.03	
26 05 26 00-0136	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	361.56	
26 05 26 00-0137	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	361.86	
26 05 26 00-0138	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	395.38	
26 05 26 00-0139	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	477.43	
26 05 26 00-0140	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	522.92	
26 05 26 00-0141		High Density Polyethylene (HDPE) Ground Access Well *(26 05 26 00-0105)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0142	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	117.77	
26 05 26 00-0143	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	162.07	
26 05 26 00-0144		Ground Rod Clamps And Fittings *(26 05 26)*		
26 05 26 00-0145		Bronze Ground Rod Clamp *(26 05 26 00-0144)*		
26 05 26 00-0146	EA	1/2" Bronze Ground Rod Clamp	17.73	10.19
26 05 26 00-0147	EA	5/8" Bronze Ground Rod Clamp	18.48	10.19
26 05 26 00-0148	EA	3/4" Bronze Ground Rod Clamp	19.55	10.19
26 05 26 00-0149		Bronze Pipe Clamps *(26 05 26 00-0144)*		
26 05 26 00-0150	EA	1/2" To 1" Bronze Pipe Ground Clamps	24.78	16.95
26 05 26 00-0151	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	32.00	20.29
26 05 26 00-0152	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	50.12	23.72
26 05 26 00-0153	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	60.74	30.48
26 05 26 00-0154	EA	4" To 6" Bronze Ground Clamps For Pipe	93.98	44.01
26 05 26 00-0155		Grounding Fittings *(26 05 26 00-0144)*		
26 05 26 00-0156		Embedded Fittings *(26 05 26 00-0155)*		
26 05 26 00-0157	EA	Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	119.30	
26 05 26 00-0158	EA	Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	126.09	
26 05 26 00-0159	EA	Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded	138.12	
26 05 26 00-0160	EA	Grounding Wire Splice, Copper To Aluminum, #8 - 1 AWG	118.63	
26 05 26 00-0161	EA	Grounding Wire Splice, Copper To Aluminum, 1/0 - 3/0 AWG	142.16	
26 05 26 00-0162	EA	Grounding Wire Splice, Copper To Aluminum, 4/0 - 300 MCM	166.67	
26 05 26 00-0163	EA	Grounding Wire Splice, Copper To Aluminum, 350 MCM And Up	187.64	
26 05 26 00-0164		Ground Rod Receptacle *(26 05 26 00-0155)*		
26 05 26 00-0165	EA	1/2" Ground Rod Receptacle	256.75	93.79
26 05 26 00-0166	EA	5/8" Ground Rod Receptacle	267.99	96.44
26 05 26 00-0167	EA	3/4" Ground Rod Receptacle	279.50	99.06
26 05 26 00-0168		Ground Kits For Circuit Breaker Panels *(26 05 26 00-0155)*		
26 05 26 00-0169	EA	14-8 AWG Copper Ground Kit	57.87	22.55
26 05 26 00-0170	EA	12-8 AWG Aluminum Ground Kit	51.72	22.55
26 05 26 00-0171	EA	14-4 AWG Copper Ground Kit	63.57	22.55
26 05 26 00-0172	EA	12-4 AWG Aluminum Ground Kit	56.36	22.55
26 05 26 00-0173		Insulated Grounding Bars *(26 05 26 00-0144)*		
26 05 26 00-0174	EA	Insulated Ground Bar 1/2" x 4" x 10"	235.61	22.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 05 26 00-0175	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	246.62	22.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 05 26 00-0176		Ground Conductor Bonding *(26 05 26)*		
26 05 26 00-0177		Ground Conductor Bonding *(26 05 26 00-0176)*		
26 05 26 00-0178		Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld *(26 05 26 00-0177)*		
26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	105.34	
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	114.35	
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	123.37	
26 05 26 00-0182	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	177.48	
26 05 26 00-0183		Tee, Wye Or Cross Cadweld *(26 05 26 00-0177)*		
26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	118.86	
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	136.90	
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	168.47	
26 05 26 00-0187	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	204.53	
26 05 26 00-0188		Grounding Equipment *(26 05 26)*		
26 05 26 00-0189		Special Grounding Equipment *(26 05 26 00-0188)*		
26 05 26 00-0190		Ground Reels And Ground Bus *(26 05 26 00-0189)*		
26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable	528.46	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0192		Copper Bars *(26 05 26 00-0189)*		
26 05 26 00-0193	LF	1/4" x 2" Copper Bar	30.91	
26 05 26 00-0194		Phenolic Insulators *(26 05 26 00-0189)*		
26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators	23.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 26 00-0196		Grounding Studs *(26 05 26 00-0189)*		
26 05 26 00-0197	EA	Ball Grounding Stud	33.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 05 26 00-0198		Equipment Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0199	EA	Switch Rating 30 Ground Bar Kit	25.71	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 26 00-0200	EA	Switch Rating 60 Ground Bar Kit	32.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 05 26 00-0201	EA	Switch Rating 100 Ground Bar Kit	37.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 26 00-0202	EA	Switch Rating 200 Ground Bar Kit	64.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 05 26 00-0203		Panelboard Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0204	EA	Panelboard Ground Bar Kit	90.95	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 26 00-0205		Circuit Breaker Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0206	EA	3 Circuit, Ground Bar Kit	21.20	4.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 26 00-0207	EA	4 Circuit, Ground Bar Kit	20.84	4.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 26 00-0208	EA	7 Circuit, Ground Bar Kit	21.43	4.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 26 00-0209	EA	12 Circuit, Ground Bar Kit	24.29	4.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.60*	
26 05 26 00-0210	EA	20 Circuit, Ground Bar Kit	27.64	5.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.14*	
26 05 26 00-0211	EA	24 Circuit, Ground Bar Kit	30.50	5.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.68*	
26 05 26 00-0212	EA	30 Circuit, Ground Bar Kit	34.14	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.49*	
26 05 26 00-0213	EA	54 Circuit, Ground Bar Kit	39.52	7.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 05 26 00-0214	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	42.41	5.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.68*	
26 05 26 00-0215	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	47.00	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.49*	
26 05 26 00-0216	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	52.49	7.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	

26 05 29 Hangers And Supports For Electrical Systems *(26 05)*

26 05 29 00-0001		Metal Framing Channel And Fittings *(26 05 29)*		
26 05 29 00-0002		Metal Framing Channel *(26 05 29 00-0001)*		
26 05 29 00-0003		14 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0004		14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	15.82	4.95
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	17.62	4.95
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	7.99	1.86
26 05 29 00-0008		14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	24.39	4.95
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	26.75	4.95
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.75	4.95
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	39.46	4.95
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	16.56	1.86
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	18.92	1.86
26 05 29 00-0015		14 Gauge, 316 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.56	4.95
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	55.10	4.95
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	26.73	1.86

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0019		12 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0020		12 Gauge, Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	16.87	4.95
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	16.51	4.95
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	16.28	4.95
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	19.70	4.95
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	19.00	4.95
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	18.54	4.95
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	9.04	1.86
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	8.68	1.86
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	8.45	1.86
26 05 29 00-0030		12 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	27.53	4.95
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	31.59	4.95
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	41.02	4.95
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	49.15	4.95
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	19.70	1.86
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	23.76	1.86
26 05 29 00-0037		Metal Framing Channel Fittings *(26 05 29 00-0001)*		
26 05 29 00-0038		Unistrut Channel Closure Strips And Caps *(26 05 29 00-0037)*		
26 05 29 00-0039		Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	4.46	0.45
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	10.43	4.52
26 05 29 00-0042		Stainless Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	15.12	4.52
26 05 29 00-0044		Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0045		Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.53	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.50	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	5.42	
26 05 29 00-0049		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	11.64	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	17.17	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	21.85	
26 05 29 00-0053		90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0054		Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	4.39	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	3.72	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.23	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.15	
26 05 29 00-0059		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	6.80	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	8.42	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	7.19	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	10.08	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.24	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	16.79	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	9.70	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	13.93	
26 05 29 00-0068		60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0069		Steel 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	8.81	
26 05 29 00-0071		U-Connector, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0072		Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	3.28	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	3.63	
26 05 29 00-0075		Stainless Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	13.83	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0077		Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0078		Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	9.03	
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	26.61	
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex screw and nut.		
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.70	1.35
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.71	1.35
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.79	1.35
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.80	1.81
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.20	1.81
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.25	1.81
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.44	2.26
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.80	2.26
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.15	2.26
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.27	2.26
26 05 29 00-0094		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.68	1.35
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.29	1.35
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.91	1.35
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.62	1.81
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.33	1.81
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.78	1.81
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.98	2.26
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.50	2.26
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.16	2.26
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.58	2.26
26 05 29 00-0105		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.05	1.35
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.92	1.35
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.17	1.35
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.74	1.81
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.74	1.81
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.89	1.81
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.14	2.26
26 05 29 00-0113	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.91	2.26
26 05 29 00-0114	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.43	2.26
26 05 29 00-0115	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.81	2.26
26 05 29 00-0116		Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0117		Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0118	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	26.89	8.25
26 05 29 00-0119	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	18.89	8.25
26 05 29 00-0120	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	26.08	8.25
26 05 29 00-0121		304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0122	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	34.76	8.25
26 05 29 00-0123		Square Washers For Unistrut Channel *(26 05 29 00-0037)*		
26 05 29 00-0124		Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0125	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	3.22	
26 05 29 00-0126		Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0127	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	3.47	
26 05 29 00-0128	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	4.31	
26 05 29 00-0129		Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0130	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	24.35	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0131		Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0132	EA	Steel Trolley Track Hanger For Unistrut Channel	30.35	
26 05 29 00-0133		Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex bolt.		
26 05 29 00-0134		Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* Note: Includes hex bolt.		
26 05 29 00-0135	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	5.90	
26 05 29 00-0136	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.39	
26 05 29 00-0137	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	6.75	
26 05 29 00-0138	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	8.73	
26 05 29 00-0139		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)* Note: Includes hex bolt.		
26 05 29 00-0140	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	10.11	
26 05 29 00-0141	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	10.68	
26 05 29 00-0142	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	14.62	
26 05 29 00-0143	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	24.18	
26 05 29 00-0144		Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex bolt.		
26 05 29 00-0145		Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* Note: Includes hex bolt.		
26 05 29 00-0146	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	5.91	
26 05 29 00-0147	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.45	
26 05 29 00-0148	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	6.78	
26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	9.30	
26 05 29 00-0150		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)* Note: Includes hex bolt.		
26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	7.57	
26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.89	
26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	9.58	
26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	23.59	
26 05 29 00-0155		Mounting Assemblies *(26 05 29)*		
26 05 29 00-0156		Galvanized Steel Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0157		Galvanized Steel Back Plate *(26 05 29 00-0156)*		
26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	323.71	54.11
26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	81.64	18.04
26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	206.48	45.09
26 05 29 00-0161		Aluminum Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0162		Aluminum Back Plate *(26 05 29 00-0161)*		
26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate	190.67	67.64
26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate	434.71	67.64
26 05 29 00-0165		Supports *(26 05 29)*		
26 05 29 00-0166		One Hole Steel Conduit Straps *(26 05 29 00-0165)*		
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	3.22	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	3.26	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.90*	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	3.46	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	3.61	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	3.71	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.95*	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	4.31	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	4.93	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.07*	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	5.14	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	6.16	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	6.97	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.28*	

26 05 29 00-0177 One Hole Iron Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	3.32	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.91*	
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap	3.42	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap	3.59	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap	4.02	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.98*	
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap	4.19	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap	5.26	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap	7.56	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap	9.48	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.53*	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap	12.29	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.81*	
26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	23.52	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-2.93*	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	29.56	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.62*	
		For >250 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.53*	

26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	3.68	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	3.74	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	3.78	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	3.83	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	3.86	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	3.94	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	4.41	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.09*	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	4.50	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	4.87	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	5.12	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	5.45	
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.01*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.20*	

26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	2.87	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.74*	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	3.09	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	3.28	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.78*	
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	4.06	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.86*	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	4.69	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	5.35	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	8.02	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.25*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	11.21	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.57*	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	14.31	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.88*	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	28.87	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.34*	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	53.44	
		For Work In Restricted Working Space, Add	*0.68*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.66*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.29*	
		For >500, Deduct	*-5.79*	

26 05 29 00-0213 Conduit Clips *(26 05 29 00-0165)*

Note: Push in or clip.

26 05 29 00-0214	EA	1/2" Conduit Clip	3.49	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0215	EA	3/4" Conduit Clip	3.49	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0216	EA	1" Conduit Clip	3.44	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	3.55	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.82*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.93*	

26 05 29 00-0218 Bolt And Nut Conduit Clips *(26 05 29 00-0165)*

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	4.33	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.00*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	4.45	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.00*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	4.73	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.06*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.24*	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	4.80	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.06*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.25*	
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	5.24	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.06*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	5.66	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.12*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.49*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.38*	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	6.05	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	10.18	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.92*	

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0165)*

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	2.53	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.64*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	2.56	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.64*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	2.65	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.64*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	2.87	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.64*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.72*	

26 05 29 00-0232 Beam Flange Clamps *(26 05 29 00-0165)*

Note: For threaded rod, nut not required.

26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	3.49	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.80*	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	3.43	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.79*	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	3.77	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.83*	

26 05 29 00-0236 T-Bar Support Clips *(26 05 29 00-0165)*

26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	6.01	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.50*	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	5.75	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	2.04	
		For >50 To 100, Deduct	*-0.08*	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.43*	
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	15.02	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 29 00-0241 Switch And Outlet Box Type Supports *(26 05 29 00-0165)*

26 05 29 00-0242	EA	1/4" To 3/4" Drawall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	4.06	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	3.50	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.71*	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	3.98	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	2.71	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	2.81	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.64*	

26 05 29 00-0247 Lighting Fixture Hanger *(26 05 29 00-0165)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	4.15	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	12.41	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-1.96*	
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	16.74	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.40*	

26 05 29 00-0251 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.70	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.91*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.71	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.91*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.79	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.80	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.20	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.24*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.25	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.43	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.55*	
		For Work In Restricted Working Space, Add	*1.35*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.79	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.58*	
		For Work In Restricted Working Space, Add	*1.35*	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.14	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*1.35*	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.26	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*1.35*	

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.96	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.64*	
		For >500, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.93	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.89	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.12	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.82	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.30*	
		For Work In Restricted Working Space, Add	*1.08*	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.86	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*1.08*	

26 05 29 00-0269 "J" Type Conduit Hangers *(26 05 29 00-0165)*

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	15.41	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.94*	
		For >500, Deduct	*-2.80*	
		For Work In Restricted Working Space, Add	*1.89*	
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	15.57	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.96*	
		For >500, Deduct	*-2.82*	
		For Work In Restricted Working Space, Add	*1.89*	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	16.62	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-3.10*	
		For Work In Restricted Working Space, Add	*2.16*	
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	16.79	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-3.12*	
		For Work In Restricted Working Space, Add	*2.16*	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	17.81	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.41*	
		For Work In Restricted Working Space, Add	*2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	18.46	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*2.44*	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	28.60	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-3.27*	
		For >500, Deduct	*-4.66*	
		For Work In Restricted Working Space, Add	*2.71*	
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	30.47	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.53*	
		For >500, Deduct	*-5.03*	
		For Work In Restricted Working Space, Add	*2.98*	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	32.84	
		For >50 To 100, Deduct	*-1.09*	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-3.82*	
		For >500, Deduct	*-5.45*	
		For Work In Restricted Working Space, Add	*3.25*	
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	42.86	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.68*	
		For >250 To 500, Deduct	*-4.57*	
		For >500, Deduct	*-6.45*	
		For Work In Restricted Working Space, Add	*3.25*	
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	47.05	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-4.99*	
		For >500, Deduct	*-7.05*	
		For Work In Restricted Working Space, Add	*3.52*	
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	65.66	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.96*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.27*	
		For Work In Restricted Working Space, Add	*4.06*	

26 05 29 00-0282 Between Studs Box Brackets *(26 05 29 00-0165)*

26 05 29 00-0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	5.66	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*0.81*	
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	6.68	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*0.81*	

26 05 29 00-0285 Hangers And Brackets *(26 05 29 00-0165)*

26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	2.19	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.58*	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.13	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.13	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	2.74	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	2.75	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	2.69	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	2.74	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	2.75	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	

26 05 29 00-0294 Clips And Accessories *(26 05 29 00-0165)*

26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.46	
		For >50 To 100, Deduct	*-0.06*	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.37*	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.48	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.37*	
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	1.57	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.26*	
		For >500, Deduct	*-0.38*	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	1.77	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.40*	

26 05 29 00-0299 Wire Ties *(26 05 29 00-0165)*

Note: Per hundred (C).

26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	12.33	
		For UV Black, Add	*0.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	12.44	
		For UV Black, Add	*0.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties	12.52	
		For UV Black, Add	*0.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	12.56	
		For UV Black, Add	*0.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	13.01	
		For UV Black, Add	*0.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.95*	
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	15.93	
		For UV Black, Add	*0.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties	15.47	
		For UV Black, Add	*0.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 29 00-0307	C	6" Length, 40 LB Tensile Strength, Nylon Cable Ties	15.94	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.95*	
26 05 29 00-0308	C	8" Length, 40 LB Tensile Strength, Nylon Cable Ties	16.42	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 29 00-0309	C	10" Length, 40 LB Tensile Strength, Nylon Cable Ties	25.26	
		For UV Black, Add	*2.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 29 00-0310	C	11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties	26.54	
		For UV Black, Add	*2.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 29 00-0311	C	7" Length, 50 LB Tensile Strength, Nylon Cable Ties	17.32	
		For UV Black, Add	*1.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 29 00-0312	C	8" Length, 50 LB Tensile Strength, Nylon Cable Ties	16.18	
		For UV Black, Add	*0.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 29 00-0313	C	11" Length, 50 LB Tensile Strength, Nylon Cable Ties	25.61	
		For UV Black, Add	*2.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	
26 05 29 00-0314	C	14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties	29.64	
		For UV Black, Add	*2.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 29 00-0315	C	8" Length, 120 LB Tensile Strength, Nylon Cable Ties	29.45	
		For UV Black, Add	*2.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.08*	
26 05 29 00-0316	C	11" Length, 120 LB Tensile Strength, Nylon Cable Ties	32.31	
		For UV Black, Add	*3.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0317	C	15" Length, 120 LB Tensile Strength, Nylon Cable Ties	39.69	
		For UV Black, Add	*4.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.53*	
26 05 29 00-0318	C	17" Length, 120 LB Tensile Strength, Nylon Cable Ties	58.30	
		For UV Black, Add	*6.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.76*	
26 05 29 00-0319	C	17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties	56.35	
		For UV Black, Add	*6.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.76*	
26 05 29 00-0320	C	21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties	69.43	
		For UV Black, Add	*8.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 05 29 00-0321	C	30" Length, 175 LB Tensile Strength, Nylon Cable Ties	80.87	
		For UV Black, Add	*10.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 29 00-0322	C	46" Length, 175 LB Tensile Strength, Nylon Cable Ties	112.35	
		For UV Black, Add	*14.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 29 00-0323	C	3/4" x 3/4" Self Adhesive Tie Mounts	29.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.47*	
26 05 29 00-0324	C	1.1" x 1.1" Tie Mounts With Screw	58.95	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.94*	
26 05 29 00-0325	EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	1.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0326	EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	1.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.11*	
26 05 29 00-0327	EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	1.64	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.11*	
26 05 29 00-0328	EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	2.25	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.11*	
26 05 29 00-0329	EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll	55.65	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.85*	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.

26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0332	EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	6.90	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-3.33*	
26 05 29 00-0333	EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.08	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-3.41*	
26 05 29 00-0334	EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	7.42	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.51*	
26 05 29 00-0335	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.60	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.60*	
26 05 29 00-0336	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.78	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.58*	
		For >500, Deduct	*-3.68*	
26 05 29 00-0337	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	8.58	
		For >50 To 100, Deduct	*-0.77*	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.83*	
26 05 29 00-0338	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	8.90	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.93*	

26 05 29 00-0339 Machine Screws *(26 05 29 00-0330)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0340	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.05	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0341	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.08	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0342	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.61	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.70	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.28*	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.29	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.53*	

26 05 29 00-0345 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0330)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	3.16	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	3.13	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.27	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.35	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-1.93*	

26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0330)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.38	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.41	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.83	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.18*	

26 05 29 00-0354 Hollow Wall Screw Anchors *(26 05 29 00-0330)*

26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.41	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.62*	
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.44	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.62*	
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.50	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.87	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.75*	
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.94	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.96	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.98	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.08	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.12	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.77*	

26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

26 05 29 00-0365	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	3.36	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.57*	
26 05 29 00-0366	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	3.96	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.82*	
26 05 29 00-0367	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.28	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.34*	

26 05 29 00-0368 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0369	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	5.38	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.46*	
		For >500, Deduct	*-2.07*	
26 05 29 00-0370	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	5.64	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.18*	
26 05 29 00-0371	EA	1" Conduit, Push-In Acoustical T-Bar Clip	6.13	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.32*	

26 05 29 00-0372 Threaded Rod, Accessories And Attachments *(26 05 29)*

26 05 29 00-0373 Threaded Rod And Rod Accessories *(26 05 29 00-0372)*

26 05 29 00-0374 Carbon Steel Threaded Rod *(26 05 29 00-0373)*

Note: Includes plain finish.

26 05 29 00-0375	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.48	0.57
		For Galvanized, Add	*0.54*	
		For Zinc Coated, Add	*0.39*	
26 05 29 00-0376	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.36	0.60
		For Galvanized, Add	*0.86*	
		For Zinc Coated, Add	*0.62*	
26 05 29 00-0377	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.58	0.62
		For Galvanized, Add	*1.34*	
		For Zinc Coated, Add	*0.95*	
26 05 29 00-0378	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.35	0.64
		For Galvanized, Add	*2.43*	
		For Zinc Coated, Add	*1.73*	
26 05 29 00-0379	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.99	0.66
		For Galvanized, Add	*2.67*	
		For Zinc Coated, Add	*1.90*	
26 05 29 00-0380	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.87	0.75
		For Galvanized, Add	*3.74*	
		For Zinc Coated, Add	*2.67*	
26 05 29 00-0381	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.48	0.83
		For Galvanized, Add	*4.72*	
		For Zinc Coated, Add	*3.37*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0382		**Threaded Rod Couplings** *(26 05 29 00-0373)*		
26 05 29 00-0383	EA	3/8" Diameter, Threaded Rod Coupling Nut	6.90	
26 05 29 00-0384	EA	1/2" Diameter, Threaded Rod Coupling Nut	7.79	
26 05 29 00-0385	EA	5/8" Diameter, Threaded Rod Coupling Nut	9.50	
26 05 29 00-0386	EA	3/4" Diameter, Threaded Rod Coupling Nut	11.30	
26 05 29 00-0387	EA	7/8" Diameter, Threaded Rod Coupling Nut	15.68	
26 05 29 00-0388	EA	1" Diameter, Threaded Rod Coupling Nut	18.56	
26 05 29 00-0389	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	33.09	
26 05 29 00-0390		**Flat Washers** *(26 05 29 00-0373)*		
26 05 29 00-0391	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.59	0.22
		For Galvanized, Add	*0.02*	
26 05 29 00-0392	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.73	0.22
		For Galvanized, Add	*0.04*	
26 05 29 00-0393	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.92	0.22
		For Galvanized, Add	*0.08*	
26 05 29 00-0394	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.09	0.45
		For Galvanized, Add	*0.12*	
26 05 29 00-0395	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.22	0.45
		For Galvanized, Add	*0.14*	
26 05 29 00-0396	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.43	0.45
		For Galvanized, Add	*0.17*	
26 05 29 00-0397	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.60	0.45
		For Galvanized, Add	*0.19*	
26 05 29 00-0398		**Malleable Iron Eye Sockets** *(26 05 29 00-0373)*		
		Note: Type 16.		
26 05 29 00-0399	EA	3/8" Rod Size, Malleable Iron Eye Socket	8.28	
26 05 29 00-0400	EA	1/2" Rod Size, Malleable Iron Eye Socket	9.89	
26 05 29 00-0401	EA	5/8" Rod Size, Malleable Iron Eye Socket	17.19	
26 05 29 00-0402	EA	3/4" Rod Size, Malleable Iron Eye Socket	24.48	
26 05 29 00-0403	EA	7/8" Rod Size, Malleable Iron Eye Socket	26.09	
26 05 29 00-0404		**Hex Nuts** *(26 05 29 00-0373)*		
26 05 29 00-0405	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.57	0.22
		For Galvanized, Add	*0.02*	
26 05 29 00-0406	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.22
		For Galvanized, Add	*0.04*	
26 05 29 00-0407	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.92	0.22
		For Galvanized, Add	*0.08*	
26 05 29 00-0408	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.06	0.45
		For Galvanized, Add	*0.11*	
26 05 29 00-0409	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.48	0.45
		For Galvanized, Add	*0.21*	
26 05 29 00-0410	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.87	0.45
		For Galvanized, Add	*0.28*	
26 05 29 00-0411	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.95	0.45
		For Galvanized, Add	*0.53*	
26 05 29 00-0412		**Forged Steel Turnbuckles** *(26 05 29 00-0373)*		
		Note: Type 13.		
26 05 29 00-0413	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	20.38	
26 05 29 00-0414	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	25.11	
26 05 29 00-0415	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	33.50	
26 05 29 00-0416	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	41.39	
26 05 29 00-0417	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	100.88	
26 05 29 00-0418	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	67.62	
26 05 29 00-0419	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	135.16	
26 05 29 00-0420		**Attachments** *(26 05 29 00-0372)*		
26 05 29 00-0421		**Welded Beam Attachments** *(26 05 29 00-0420)*		
		Note: Type 22.		
26 05 29 00-0422	EA	3/8" Rod Size, Welded Beam Attachment	37.51	9.02
26 05 29 00-0423	EA	1/2" Rod Size, Welded Beam Attachment	39.99	9.47
26 05 29 00-0424	EA	5/8" Rod Size, Welded Beam Attachment	42.55	10.01
26 05 29 00-0425	EA	3/4" Rod Size, Welded Beam Attachment	53.83	10.64
26 05 29 00-0426	EA	7/8" Rod Size, Welded Beam Attachment	64.28	11.27
26 05 29 00-0427	EA	1" Rod Size, Welded Beam Attachment	89.46	12.90
26 05 29 00-0428	EA	1-1/8" Rod Size, Welded Beam Attachment	125.69	13.53
26 05 29 00-0429		**C-Clamp Style Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	13.67	6.77
26 05 29 00-0431	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	16.16	7.23
26 05 29 00-0432	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	18.27	7.74
26 05 29 00-0433	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	23.20	8.34
26 05 29 00-0434	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	33.12	9.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0435		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	35.96	9.03
26 05 29 00-0437	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	52.25	9.86
26 05 29 00-0438	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	74.08	10.84
26 05 29 00-0439	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	88.51	12.04
26 05 29 00-0440	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	211.55	13.55
26 05 29 00-0441		**Steel U-Bolts** *(26 05 29 00-0420)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	11.12	5.42
26 05 29 00-0443	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	12.04	5.70
26 05 29 00-0444	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	12.94	6.02
26 05 29 00-0445	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	14.63	6.37
26 05 29 00-0446	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	15.14	6.77
26 05 29 00-0447	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	16.19	7.23
26 05 29 00-0448	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	22.87	7.74
26 05 29 00-0449	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	25.17	8.34
26 05 29 00-0450	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	30.22	9.03
26 05 29 00-0451		**Stainless Steel Threaded Rod** *(26 05 29 00-0372)*		
26 05 29 00-0452	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.21	0.45
		For 316 Stainless Steel, Add	*0.53*	
26 05 29 00-0453	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.23	0.50
		For 316 Stainless Steel, Add	*0.91*	
26 05 29 00-0454	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.11	0.57
		For 316 Stainless Steel, Add	*1.21*	
26 05 29 00-0455	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	5.60	0.58
		For 316 Stainless Steel, Add	*1.80*	
26 05 29 00-0456	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.67	0.60
		For 316 Stainless Steel, Add	*2.22*	
26 05 29 00-0457	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	9.84	0.61
		For 316 Stainless Steel, Add	*3.49*	
26 05 29 00-0458	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.65	0.62
		For 316 Stainless Steel, Add	*5.03*	
26 05 29 00-0459	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	18.67	0.64
		For 316 Stainless Steel, Add	*7.04*	
26 05 29 00-0460	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	23.97	0.75
		For 316 Stainless Steel, Add	*9.10*	
26 05 29 00-0461	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	50.38	0.90
		For 316 Stainless Steel, Add	*19.64*	
26 05 29 00-0462		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463		**Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0462)*		
26 05 29 00-0464		**Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0465	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	44.39	18.04
26 05 29 00-0466	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	48.27	19.66
26 05 29 00-0467	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	51.73	21.64
26 05 29 00-0468	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.36	24.08
26 05 29 00-0469	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	70.63	27.06
26 05 29 00-0470	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	83.55	29.76
26 05 29 00-0471	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	91.34	32.47
26 05 29 00-0472	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.39	35.17
26 05 29 00-0473	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	106.27	37.88
26 05 29 00-0474	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	114.74	40.58
26 05 29 00-0475		**Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0476	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	47.15	18.04
26 05 29 00-0477	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	50.15	19.66
26 05 29 00-0478	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	57.34	21.64
26 05 29 00-0479	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	63.36	24.08
26 05 29 00-0480	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	71.40	27.06
26 05 29 00-0481	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	82.23	29.76
26 05 29 00-0482	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	93.84	32.47
26 05 29 00-0483	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	103.70	35.17
26 05 29 00-0484	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	110.45	37.88
26 05 29 00-0485	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	115.30	40.58
26 05 29 00-0486		**Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0487	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	44.83	17.86
26 05 29 00-0488	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	48.31	19.48
26 05 29 00-0489	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	54.55	21.64
26 05 29 00-0490	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	63.42	23.81
26 05 29 00-0491	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	81.20	27.06
26 05 29 00-0492	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	89.07	29.76
26 05 29 00-0493		**Polyvinyl Chloride (PVC) Coated Conduit Straps** *(26 05 29 00-0462)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0494		**One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)*		
26 05 29 00-0495	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	4.84	0.54
26 05 29 00-0496	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	5.24	0.54
26 05 29 00-0497	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.60	0.54
26 05 29 00-0498	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.20	0.54
26 05 29 00-0499	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.05	0.54
26 05 29 00-0500	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.99	0.54
26 05 29 00-0501	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	23.90	0.54
26 05 29 00-0502	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.95	0.54
26 05 29 00-0503	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	56.38	0.54
26 05 29 00-0504	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	59.91	0.54
26 05 29 00-0505		**Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)*		
26 05 29 00-0506	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.54	1.08
26 05 29 00-0507	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.58	1.08
26 05 29 00-0508	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.82	1.08
26 05 29 00-0509	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.26	1.08
26 05 29 00-0510	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.59	1.08
26 05 29 00-0511	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.38	1.08
26 05 29 00-0512	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.13	1.08
26 05 29 00-0513	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.84	1.08
26 05 29 00-0514	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.96	1.08
26 05 29 00-0515	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.45	1.08
26 05 29 00-0516		**Polyvinyl Chloride (PVC) Coated Clamp Back Spacer** *(26 05 29 00-0462)*		
26 05 29 00-0517		**Polyvinyl Chloride (PVC) Coated Clamp Back Spacer** *(26 05 29 00-0516)*		
26 05 29 00-0518	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	8.69	1.08
26 05 29 00-0519	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	10.05	1.08
26 05 29 00-0520	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	12.53	1.08
26 05 29 00-0521	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	14.60	1.08
26 05 29 00-0522	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	19.41	1.08
26 05 29 00-0523	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	33.72	1.08
26 05 29 00-0524	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	47.11	1.08
26 05 29 00-0525	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	64.19	1.08
26 05 29 00-0526	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	112.06	1.08
26 05 29 00-0527	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	112.06	1.08
26 05 29 00-0528		**Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories** *(26 05 29 00-0462)*		
26 05 29 00-0529		**Polyvinyl Chloride (PVC) Coated Threaded Rod** *(26 05 29 00-0528)*		
26 05 29 00-0530	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	5.96	0.72
26 05 29 00-0531	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	7.33	0.81
26 05 29 00-0532		**Attachments** *(26 05 29 00-0462)*		
26 05 29 00-0533		**Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts** *(26 05 29 00-0532)*		
26 05 29 00-0534	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	13.13	5.42
26 05 29 00-0535	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	13.60	5.69
26 05 29 00-0536	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	14.34	6.05
26 05 29 00-0537	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	15.25	6.41
26 05 29 00-0538	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	16.23	6.77
26 05 29 00-0539	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.09	7.23
26 05 29 00-0540	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	25.13	7.77
26 05 29 00-0541	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	26.44	8.31
26 05 29 00-0542	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	28.23	9.03
26 05 29 00-0543	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	44.43	10.30
26 05 29 00-0544	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	54.76	11.92
26 05 29 00-0545		**Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps** *(26 05 29 00-0532)*		
26 05 29 00-0546	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	45.24	17.86
26 05 29 00-0547	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	51.83	17.86
26 05 29 00-0548	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	54.54	17.86
26 05 29 00-0549	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	59.89	18.94
26 05 29 00-0550	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	69.94	21.64
26 05 29 00-0551		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0532)* Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	16.32	5.95
26 05 29 00-0553	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	17.23	6.49
26 05 29 00-0554	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	18.76	7.03
26 05 29 00-0555	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	21.18	8.12
26 05 29 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	24.21	9.20
26 05 29 00-0557	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.77	9.74
26 05 29 00-0558	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	29.61	10.82
26 05 29 00-0559	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	34.90	11.90
26 05 29 00-0560	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	37.98	12.45
26 05 29 00-0561	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	40.05	13.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0562	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	43.01	15.15
26 05 29 00-0563		**Polyvinyl Chloride (PVC) Coated Channel** *(26 05 29 00-0462)*		
26 05 29 00-0564	LF	Polyvinyl Chloride (PVC) Coated Channel, A12	15.81	2.71
26 05 29 00-0565	LF	Polyvinyl Chloride (PVC) Coated Channel, A12A	27.68	3.79
26 05 29 00-0566	LF	Polyvinyl Chloride (PVC) Coated Channel, A12P	16.83	2.71
26 05 29 00-0567	LF	Polyvinyl Chloride (PVC) Coated Channel, C14	12.70	2.71
26 05 29 00-0568	LF	Polyvinyl Chloride (PVC) Coated Channel, C14P	13.33	2.71
26 05 29 00-0569		**Polymer Concrete Pads** *(26 05 29)* Note: Excludes excavation and backfill.		
26 05 29 00-0570		**Polymer Concrete, Box Pads** *(26 05 29 00-0569)*		
26 05 29 00-0571	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	758.91	92.29
26 05 29 00-0572	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	782.64	92.29
26 05 29 00-0573	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,000.72	92.29
26 05 29 00-0574	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,036.88	92.29
26 05 29 00-0575	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	967.06	92.29
26 05 29 00-0576	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	1,137.82	92.29
26 05 29 00-0577	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	1,268.75	92.29
26 05 29 00-0578	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	1,229.26	115.37
26 05 29 00-0579	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	1,841.01	115.37
26 05 29 00-0580	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	2,455.79	115.37
26 05 29 00-0581		**Polymer Concrete, Telecommunications Equipment Pads** *(26 05 29 00-0569)*		
26 05 29 00-0582	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	370.52	51.01
26 05 29 00-0583	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	435.35	51.01
26 05 29 00-0584	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	563.44	69.22
26 05 29 00-0585	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	587.53	69.22
26 05 29 00-0586	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	832.81	69.22
26 05 29 00-0587	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	866.90	69.22
26 05 29 00-0588	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	930.42	69.22
26 05 29 00-0589	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	930.42	69.22
26 05 29 00-0590	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,728.42	69.22
26 05 29 00-0591	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,956.12	69.22
26 05 29 00-0592		**Polymer Concrete, Electrical Equipment Pads** *(26 05 29 00-0569)*		
26 05 29 00-0593	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	233.22	51.01
26 05 29 00-0594	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	249.88	51.01
26 05 29 00-0595	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	265.06	51.01
26 05 29 00-0596	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	315.49	51.01
26 05 29 00-0597	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	292.99	51.01
26 05 29 00-0598	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	303.59	51.01
26 05 29 00-0599	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	331.08	51.01
26 05 29 00-0600	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	347.12	51.01
26 05 29 00-0601	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	400.68	51.01
26 05 29 00-0602	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	488.90	51.01
26 05 29 00-0603	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	714.64	69.22
26 05 29 00-0604	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	746.89	69.22
26 05 29 00-0605	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	757.06	69.22
26 05 29 00-0606	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	824.84	69.22
26 05 29 00-0607	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,731.48	69.22
26 05 29 00-0608	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	2,035.17	69.22

26 05 33 Raceway And Boxes For Electrical Systems *(26 05)*

26 05 33 13 Conduit For Electrical Systems *(26 05 33)*

26 05 33 13-0001		**Conduit Assemblies** *(26 05 33 13)* Note: With fittings and wire.		
26 05 33 13-0002		**Electrical Metallic Tubing (EMT) Conduit Assemblies** *(26 05 33 13-0001)* Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and wire as indicated. Per CLF.		
26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	646.31	201.51
		For Work In Restricted Working Space, Add	*172.75*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	705.01	218.82
		For Work In Restricted Working Space, Add	*187.59*	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	684.94	210.16
		For Work In Restricted Working Space, Add	*180.17*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	756.51	230.36
		For Work In Restricted Working Space, Add	*197.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0007	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	713.49	217.25
		For Work In Restricted Working Space, Add	*186.20*	
26 05 33 13-0008	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	772.17	234.56
		For Work In Restricted Working Space, Add	*201.04*	
26 05 33 13-0009	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	830.87	251.87
		For Work In Restricted Working Space, Add	*215.88*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	889.56	269.20
		For Work In Restricted Working Space, Add	*230.72*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	752.11	225.90
		For Work In Restricted Working Space, Add	*193.62*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	823.69	246.11
		For Work In Restricted Working Space, Add	*210.94*	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	895.25	266.31
		For Work In Restricted Working Space, Add	*228.25*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	966.82	286.51
		For Work In Restricted Working Space, Add	*245.56*	
26 05 33 13-0015	CLF	1" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	803.44	233.82
		For Work In Restricted Working Space, Add	*200.45*	
26 05 33 13-0016	CLF	1" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	862.12	251.13
		For Work In Restricted Working Space, Add	*215.29*	
26 05 33 13-0017	CLF	1" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	920.81	268.45
		For Work In Restricted Working Space, Add	*230.13*	
26 05 33 13-0018	CLF	1" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	979.52	285.76
		For Work In Restricted Working Space, Add	*244.97*	
26 05 33 13-0019	CLF	1" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	842.08	242.48
		For Work In Restricted Working Space, Add	*207.87*	
26 05 33 13-0020	CLF	1" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	913.63	262.68
		For Work In Restricted Working Space, Add	*225.18*	
26 05 33 13-0021	CLF	1" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	985.21	282.88
		For Work In Restricted Working Space, Add	*242.50*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,056.78	303.08
		For Work In Restricted Working Space, Add	*259.81*	

26 05 33 13-0023 Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, terminations, straps, and wire as indicated. Per CLF.

26 05 33 13-0024	CLF	1/2" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	807.15	229.37
		For Work In Restricted Working Space, Add	*196.59*	
26 05 33 13-0025	CLF	1/2" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	865.83	246.68
		For Work In Restricted Working Space, Add	*211.43*	
26 05 33 13-0026	CLF	1/2" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	845.77	238.03
		For Work In Restricted Working Space, Add	*204.01*	
26 05 33 13-0027	CLF	1/2" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	917.34	258.23
		For Work In Restricted Working Space, Add	*221.32*	
26 05 33 13-0028	CLF	3/4" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	879.69	244.63
		For Work In Restricted Working Space, Add	*209.65*	
26 05 33 13-0029	CLF	3/4" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	938.39	261.94
		For Work In Restricted Working Space, Add	*224.49*	
26 05 33 13-0030	CLF	3/4" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	997.07	279.25
		For Work In Restricted Working Space, Add	*239.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0031	CLF	3/4" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	918.32	253.28
		For Work In Restricted Working Space, Add	*217.07*	
26 05 33 13-0032	CLF	3/4" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	989.89	273.48
		For Work In Restricted Working Space, Add	*234.38*	
26 05 33 13-0033	CLF	3/4" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,061.46	293.68
		For Work In Restricted Working Space, Add	*251.70*	
26 05 33 13-0034	CLF	1" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,108.81	292.11
		For Work In Restricted Working Space, Add	*250.39*	
26 05 33 13-0035	CLF	1" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,167.50	309.43
		For Work In Restricted Working Space, Add	*265.23*	
26 05 33 13-0036	CLF	1" Rigid Galvanized Steel (RGS) With 6 #12 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,226.19	326.74
		For Work In Restricted Working Space, Add	*280.07*	
26 05 33 13-0037	CLF	1" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,160.32	303.66
		For Work In Restricted Working Space, Add	*260.28*	
26 05 33 13-0038	CLF	1" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,231.90	323.85
		For Work In Restricted Working Space, Add	*277.60*	
26 05 33 13-0039	CLF	1" Rigid Galvanized Steel (RGS) With 6 #10 THHN/THWN Wire Assembly Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.	1,303.46	344.05
		For Work In Restricted Working Space, Add	*294.91*	

26 05 33 13-0040 Conduit *(26 05 33 13)*

Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

26 05 33 13-0041 Conduit Installed Above Grade *(26 05 33 13-0040)*

See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

26 05 33 13-0042 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0043 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0042)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-0044	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	5.71	1.81
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.46*	
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-0045	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	6.40	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.52*	
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.74*	
26 05 33 13-0046	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	8.02	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.66*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
26 05 33 13-0047	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.59	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation Above 14', Add	*0.99*	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000, Deduct	*-0.79*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
26 05 33 13-0048	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	11.09	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.11*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.92*	
		For Installation In Metal Stud Wall, Add	*0.74*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.86*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0049	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	13.97	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Installation Above 14', Add	*1.36*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.17*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.36*	
26 05 33 13-0050	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	20.50	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.74*	
		For Installation In Metal Stud Wall, Add	*1.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.09*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.86*	
26 05 33 13-0051	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	26.83	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.27*	
		For Installation In Metal Stud Wall, Add	*1.65*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.12*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.47*	
26 05 33 13-0052	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	33.23	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.81*	
		For Installation In Metal Stud Wall, Add	*2.06*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.15*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.09*	
26 05 33 13-0053	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	39.42	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For >250 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.32*	
		For Installation In Metal Stud Wall, Add	*2.47*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.71*	
26 05 33 13-0054	LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	61.09	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-5.33*	
		For Installation In Metal Stud Wall, Add	*3.13*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.83*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.70*	
26 05 33 13-0055	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	81.39	15.83
		For Work In Restricted Working Space, Add	*11.87*	
		For Installation Above 14', Add	*5.94*	
		For >250 To 500, Deduct	*-2.09*	
		For >500 To 1,000, Deduct	*-5.12*	
		For >1,000, Deduct	*-7.15*	
		For Installation In Metal Stud Wall, Add	*3.96*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*9.89*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*5.94*	

26 05 33 13-0056 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0057	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	24.37	8.16
		For Work In Restricted Working Space, Add	*6.14*	
		For Installation Above 14', Add	*3.07*	
26 05 33 13-0058	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	30.60	10.14
		For Work In Restricted Working Space, Add	*7.64*	
		For Installation Above 14', Add	*3.82*	
26 05 33 13-0059	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	38.95	12.45
		For Work In Restricted Working Space, Add	*9.31*	
		For Installation Above 14', Add	*4.65*	
26 05 33 13-0060	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	49.60	14.42
		For Work In Restricted Working Space, Add	*10.82*	
		For Installation Above 14', Add	*5.41*	
26 05 33 13-0061	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	57.53	16.57
		For Work In Restricted Working Space, Add	*12.41*	
		For Installation Above 14', Add	*6.21*	
26 05 33 13-0062	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	67.72	18.22
		For Work In Restricted Working Space, Add	*13.65*	
		For Installation Above 14', Add	*6.83*	
26 05 33 13-0063	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	96.46	22.75
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
26 05 33 13-0064	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	136.42	31.00
		For Work In Restricted Working Space, Add	*23.25*	
		For Installation Above 14', Add	*11.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0065	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	179.54	34.96
		For Work In Restricted Working Space, Add	*26.22*	
		For Installation Above 14', Add	*13.11*	
26 05 33 13-0066	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	219.93	45.51
		For Work In Restricted Working Space, Add	*34.13*	
		For Installation Above 14', Add	*17.06*	
26 05 33 13-0067	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	359.72	74.21
		For Work In Restricted Working Space, Add	*55.66*	
		For Installation Above 14', Add	*27.83*	
26 05 33 13-0068	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	540.78	111.47
		For Work In Restricted Working Space, Add	*83.60*	
		For Installation Above 14', Add	*41.80*	

26 05 33 13-0069 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0070	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	24.37	8.16
		For Work In Restricted Working Space, Add	*6.14*	
		For Installation Above 14', Add	*3.07*	
26 05 33 13-0071	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	30.60	10.14
		For Work In Restricted Working Space, Add	*7.64*	
		For Installation Above 14', Add	*3.82*	
26 05 33 13-0072	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	38.95	12.45
		For Work In Restricted Working Space, Add	*9.31*	
		For Installation Above 14', Add	*4.65*	
26 05 33 13-0073	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	49.60	14.42
		For Work In Restricted Working Space, Add	*10.82*	
		For Installation Above 14', Add	*5.41*	
26 05 33 13-0074	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	57.53	16.57
		For Work In Restricted Working Space, Add	*12.41*	
		For Installation Above 14', Add	*6.21*	
26 05 33 13-0075	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	67.72	18.22
		For Work In Restricted Working Space, Add	*13.65*	
		For Installation Above 14', Add	*6.83*	
26 05 33 13-0076	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	94.85	22.75
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
26 05 33 13-0077	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	130.16	31.00
		For Work In Restricted Working Space, Add	*23.25*	
		For Installation Above 14', Add	*11.62*	
26 05 33 13-0078	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	170.73	34.96
		For Work In Restricted Working Space, Add	*26.22*	
		For Installation Above 14', Add	*13.11*	
26 05 33 13-0079	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	208.22	45.51
		For Work In Restricted Working Space, Add	*34.13*	
		For Installation Above 14', Add	*17.06*	
26 05 33 13-0080	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	359.72	74.21
		For Work In Restricted Working Space, Add	*55.66*	
		For Installation Above 14', Add	*27.83*	
26 05 33 13-0081	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	540.78	111.47
		For Work In Restricted Working Space, Add	*83.60*	
		For Installation Above 14', Add	*41.80*	

26 05 33 13-0082 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0083	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	59.60	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0084	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	68.69	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0085	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	79.39	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0086	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	89.34	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	

26 05 33 13-0087 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0088	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	64.49	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0089	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	74.98	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0090	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	82.25	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0091	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	92.55	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0092	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	122.71	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0093	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	165.23	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	

26 05 33 13-0094 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0095	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	64.72	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0096	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	74.36	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0097	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	85.35	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0098	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	99.48	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0099	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	129.16	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0100	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	170.44	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0101	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	212.13	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0102	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	257.98	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	

26 05 33 13-0103 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0104	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	72.52	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0105	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	82.02	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0106	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	91.08	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0107	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	107.93	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0108	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	140.69	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0109	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	188.51	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0110	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	229.70	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0111	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	271.99	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	

26 05 33 13-0112 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0113	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	72.05	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0114	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	87.71	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0115	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	97.24	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0116	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	115.98	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0117	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	151.75	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0118	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	202.78	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0119	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	247.06	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0120	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	297.69	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0121	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	433.54	120.58
		For Work In Restricted Working Space, Add	*72.35*	
		For Installation Above 14', Add	*36.17*	

26 05 33 13-0122 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0123	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	76.22	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0124	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	90.51	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0125	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	108.04	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0126	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	122.27	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0127	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	164.86	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0128	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	214.98	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0129	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	269.49	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0130	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	309.78	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	
26 05 33 13-0131	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	532.20	120.58
		For Work In Restricted Working Space, Add	*72.35*	
		For Installation Above 14', Add	*36.17*	
26 05 33 13-0132	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	682.03	181.14
		For Work In Restricted Working Space, Add	*108.68*	
		For Installation Above 14', Add	*54.34*	

26 05 33 13-0133 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0134	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	82.32	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0135	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	97.96	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0136	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	115.97	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0137	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	130.55	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	
26 05 33 13-0138	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	174.89	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0139	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	232.86	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0140	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	287.42	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0141	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	361.38	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	
26 05 33 13-0142	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	603.38	120.58
		For Work In Restricted Working Space, Add	*72.35*	
		For Installation Above 14', Add	*36.17*	
26 05 33 13-0143	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	743.66	181.14
		For Work In Restricted Working Space, Add	*108.68*	
		For Installation Above 14', Add	*54.34*	

26 05 33 13-0144 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0042)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0145	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	87.40	20.37
		For Work In Restricted Working Space, Add	*12.22*	
		For Installation Above 14', Add	*6.11*	
26 05 33 13-0146	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	103.71	23.58
		For Work In Restricted Working Space, Add	*14.15*	
		For Installation Above 14', Add	*7.07*	
26 05 33 13-0147	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	120.98	26.79
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0148	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	146.03	29.48
		For Work In Restricted Working Space, Add	*17.69*	
		For Installation Above 14', Add	*8.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0149	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	193.39	36.98
		For Work In Restricted Working Space, Add	*22.19*	
		For Installation Above 14', Add	*11.09*	
26 05 33 13-0150	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	250.88	50.38
		For Work In Restricted Working Space, Add	*30.23*	
		For Installation Above 14', Add	*15.11*	
26 05 33 13-0151	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	309.96	56.80
		For Work In Restricted Working Space, Add	*34.09*	
		For Installation Above 14', Add	*17.04*	
26 05 33 13-0152	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	388.76	73.95
		For Work In Restricted Working Space, Add	*44.37*	
		For Installation Above 14', Add	*22.19*	
26 05 33 13-0153	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	625.66	120.58
		For Work In Restricted Working Space, Add	*72.35*	
		For Installation Above 14', Add	*36.17*	
26 05 33 13-0154	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	756.13	181.14
		For Work In Restricted Working Space, Add	*108.68*	
		For Installation Above 14', Add	*54.34*	

26 05 33 13-0155 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0042)*

26 05 33 13-0156	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	10.78	5.25
		For Work In Restricted Working Space, Add	*3.15*	
		For Installation Above 14', Add	*1.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.15*	
26 05 33 13-0157	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	11.58	5.60
		For Work In Restricted Working Space, Add	*3.37*	
		For Installation Above 14', Add	*1.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.37*	
26 05 33 13-0158	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.16	6.30
		For Work In Restricted Working Space, Add	*3.78*	
		For Installation Above 14', Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.78*	
26 05 33 13-0159	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.81	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 33 13-0160	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	18.61	8.76
		For Work In Restricted Working Space, Add	*5.26*	
		For Installation Above 14', Add	*2.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.26*	
26 05 33 13-0161	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	23.04	10.51
		For Work In Restricted Working Space, Add	*6.31*	
		For Installation Above 14', Add	*3.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.31*	
26 05 33 13-0162	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	29.00	12.27
		For Work In Restricted Working Space, Add	*7.36*	
		For Installation Above 14', Add	*3.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	
26 05 33 13-0163	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	32.75	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0164	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	38.08	13.19
		For Work In Restricted Working Space, Add	*9.46*	
		For Installation Above 14', Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.46*	
26 05 33 13-0165	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	42.25	17.52
		For Work In Restricted Working Space, Add	*10.51*	
		For Installation Above 14', Add	*5.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.51*	
26 05 33 13-0166	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	50.84	19.28
		For Work In Restricted Working Space, Add	*11.56*	
		For Installation Above 14', Add	*5.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-0167	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	73.19	21.02
		For Work In Restricted Working Space, Add	*12.62*	
		For Installation Above 14', Add	*6.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.62*	

26 05 33 13-0168 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0042)*

26 05 33 13-0169	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	13.05	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0170	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	14.19	6.60
		For Work In Restricted Working Space, Add	*3.96*	
		For Installation Above 14', Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-0171	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	16.58	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0172	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	18.63	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0173	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	23.78	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0174	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	28.15	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0175	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	39.56	14.42
		For Work In Restricted Working Space, Add	*8.66*	
		For Installation Above 14', Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-0176	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	47.03	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 05 33 13-0177	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	69.90	18.55
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0178	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	94.43	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0179	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	126.04	22.67
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-0180	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	185.66	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	

26 05 33 13-0181 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0042)*

26 05 33 13-0182	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	13.86	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0183	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	15.40	6.60
		For Work In Restricted Working Space, Add	*3.96*	
		For Installation Above 14', Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-0184	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	18.11	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0185	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	21.22	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0186	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	26.47	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0187	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	32.93	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0188	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	46.04	14.42
		For Work In Restricted Working Space, Add	*8.66*	
		For Installation Above 14', Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-0189	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	54.62	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 05 33 13-0190	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	71.32	18.55
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0191	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	100.76	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0192	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	132.94	22.67
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-0193	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	188.09	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	

26 05 33 13-0194 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0042)*

26 05 33 13-0195	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	20.86	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0196	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	23.35	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0197	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	26.70	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0198	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	31.68	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0199	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	38.34	12.78
		For Work In Restricted Working Space, Add	*7.67*	
		For Installation Above 14', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-0200	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	48.26	15.26
		For Work In Restricted Working Space, Add	*9.15*	
		For Installation Above 14', Add	*4.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.15*	
26 05 33 13-0201	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	64.45	17.72
		For Work In Restricted Working Space, Add	*10.64*	
		For Installation Above 14', Add	*5.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.64*	
26 05 33 13-0202	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	71.15	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0203	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	80.44	23.08
		For Work In Restricted Working Space, Add	*13.85*	
		For Installation Above 14', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.85*	
26 05 33 13-0204	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	103.57	25.56
		For Work In Restricted Working Space, Add	*15.34*	
		For Installation Above 14', Add	*7.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.34*	
26 05 33 13-0205	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	146.34	28.04
		For Work In Restricted Working Space, Add	*16.82*	
		For Installation Above 14', Add	*8.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.82*	
26 05 33 13-0206	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	201.01	30.91
		For Work In Restricted Working Space, Add	*18.55*	
		For Installation Above 14', Add	*9.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.55*	

26 05 33 13-0207 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0042)*

26 05 33 13-0208	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	11.30	3.79
		For Work In Restricted Working Space, Add	*2.82*	
		For Installation Above 14', Add	*1.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 33 13-0209	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	13.52	4.37
		For Work In Restricted Working Space, Add	*3.27*	
		For Installation Above 14', Add	*1.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.27*	
26 05 33 13-0210	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	17.31	5.27
		For Work In Restricted Working Space, Add	*3.94*	
		For Installation Above 14', Add	*1.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.94*	
26 05 33 13-0211	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	24.53	6.52
		For Work In Restricted Working Space, Add	*4.90*	
		For Installation Above 14', Add	*2.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.90*	
26 05 33 13-0212	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	33.12	8.74
		For Work In Restricted Working Space, Add	*6.56*	
		For Installation Above 14', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.56*	
26 05 33 13-0213	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	54.83	13.11
		For Work In Restricted Working Space, Add	*9.83*	
		For Installation Above 14', Add	*4.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.83*	
26 05 33 13-0214	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	90.89	14.51
		For Work In Restricted Working Space, Add	*10.88*	
		For Installation Above 14', Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 33 13-0215	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	108.58	17.56
		For Work In Restricted Working Space, Add	*13.18*	
		For Installation Above 14', Add	*6.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.18*	
26 05 33 13-0216	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	145.27	22.01
		For Work In Restricted Working Space, Add	*16.50*	
		For Installation Above 14', Add	*8.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 05 33 13-0217	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	170.72	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0218	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	285.04	29.35
		For Work In Restricted Working Space, Add	*21.99*	
		For Installation Above 14', Add	*10.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.99*	
26 05 33 13-0219	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	338.76	32.98
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	

26 05 33 13-0220 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0042)*

26 05 33 13-0221	EA	1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple	11.51	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0222	EA	3/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple	13.25	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0223	EA	1" x 2" Long Rigid Galvanized Steel (RGS) Nipple	16.90	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0224	EA	1-1/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple	19.70	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0225	EA	1-1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple	22.47	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0226	EA	1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	11.57	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0227	EA	3/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	13.35	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0228	EA	1" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	17.01	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0229	EA	1-1/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	19.85	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0230	EA	1-1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	22.71	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0231	EA	2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple	25.61	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0232	EA	1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple	11.64	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0233	EA	3/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple	13.44	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0234	EA	1" x 3" Long Rigid Galvanized Steel (RGS) Nipple	17.16	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0235	EA	1-1/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple	19.98	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0236	EA	1-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple	22.87	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0237	EA	2" x 3" Long Rigid Galvanized Steel (RGS) Nipple	26.01	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0238	EA	2-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple	34.08	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0239	EA	3" x 3" Long Rigid Galvanized Steel (RGS) Nipple	46.19	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0240	EA	1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	11.72	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0241	EA	3/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	13.49	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0242	EA	1" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	17.37	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0243	EA	1-1/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	20.24	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0244	EA	1-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	23.21	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0245	EA	2" x 3-1/2" Long Rigid Galvanized Steel (RGS), Nipple	26.42	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0246	EA	2-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	35.18	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0247	EA	3" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple	47.15	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0248	EA	1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple	11.81	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0249	EA	3/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple	13.64	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0250	EA	1" x 4" Long Rigid Galvanized Steel (RGS) Nipple	17.49	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0251	EA	1-1/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple	20.36	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0252	EA	1-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple	23.44	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0253	EA	2" x 4" Long Rigid Galvanized Steel (RGS) Nipple	26.77	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0254	EA	2-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple	35.52	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0255	EA	3" x 4" Long Rigid Galvanized Steel (RGS) Nipple	47.85	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0256	EA	3-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple	54.77	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0257	EA	4" x 4" Long Rigid Galvanized Steel (RGS) Nipple	69.32	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0258	EA	1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple	11.94	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0259	EA	3/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple	13.83	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0260	EA	1" x 5" Long Rigid Galvanized Steel (RGS) Nipple	17.73	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0261	EA	1-1/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple	20.71	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0262	EA	1-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple	23.78	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0263	EA	2" x 5" Long Rigid Galvanized Steel (RGS) Nipple	27.38	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0264	EA	2-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple	36.89	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0265	EA	3" x 5" Long Rigid Galvanized Steel (RGS) Nipple	49.33	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0266	EA	3-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple	56.24	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0267	EA	4" x 5" Long Rigid Galvanized Steel (RGS) Nipple	71.46	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0268	EA	5" x 5" Long Rigid Galvanized Steel (RGS) Nipple	106.63	39.16
		For Work In Restricted Working Space, Add	*23.50*	
		For Installation Above 14', Add	*11.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-0269	EA	6" x 5" Long Rigid Galvanized Steel (RGS) Nipple	135.77	50.21
		For Work In Restricted Working Space, Add	*30.15*	
		For Installation Above 14', Add	*15.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-0270	EA	1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple	12.17	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0271	EA	3/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple	14.07	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0272	EA	1" x 6" Long Rigid Galvanized Steel (RGS) Nipple	17.92	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0273	EA	1-1/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple	21.04	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0274	EA	1-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple	24.51	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0275	EA	2" x 6" Long Rigid Galvanized Steel (RGS) Nipple	28.00	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0276	EA	2-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple	38.08	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0277	EA	3" x 6" Long Rigid Galvanized Steel (RGS) Nipple	50.83	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0278	EA	3-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple	58.03	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0279	EA	4" x 6" Long Rigid Galvanized Steel (RGS) Nipple	73.17	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0280	EA	5" x 6" Long Rigid Galvanized Steel (RGS) Nipple	109.12	39.16
		For Work In Restricted Working Space, Add	*23.50*	
		For Installation Above 14', Add	*11.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-0281	EA	6" x 6" Long Rigid Galvanized Steel (RGS) Nipple	139.42	50.21
		For Work In Restricted Working Space, Add	*30.15*	
		For Installation Above 14', Add	*15.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-0282	EA	1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple	13.04	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0283	EA	3/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple	15.18	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0284	EA	1" x 8" Long Rigid Galvanized Steel (RGS) Nipple	19.22	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0285	EA	1-1/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple	22.89	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0286	EA	1-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple	26.57	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0287	EA	2" x 8" Long Rigid Galvanized Steel (RGS) Nipple	30.17	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0288	EA	2-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple	41.25	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0289	EA	3" x 8" Long Rigid Galvanized Steel (RGS) Nipple	54.47	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0290	EA	3-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple	61.66	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0291	EA	4" x 8" Long Rigid Galvanized Steel (RGS) Nipple	77.18	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0292	EA	5" x 8" Long Rigid Galvanized Steel (RGS) Nipple	114.91	39.16
		For Work In Restricted Working Space, Add	*23.50*	
		For Installation Above 14', Add	*11.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-0293	EA	6" x 8" Long Rigid Galvanized Steel (RGS) Nipple	145.91	50.21
		For Work In Restricted Working Space, Add	*30.15*	
		For Installation Above 14', Add	*15.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-0294	EA	1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple	13.62	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0295	EA	3/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple	15.74	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0296	EA	1" x 10" Long Rigid Galvanized Steel (RGS) Nipple	20.26	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0297	EA	1-1/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple	24.12	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0298	EA	1-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple	27.78	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0299	EA	2" x 10" Long Rigid Galvanized Steel (RGS) Nipple	31.58	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0300	EA	2-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple	43.38	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0301	EA	3" x 10" Long Rigid Galvanized Steel (RGS) Nipple	57.33	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0302	EA	3-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple	65.43	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0303	EA	4" x 10" Long Rigid Galvanized Steel (RGS) Nipple	81.95	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0304	EA	5" x 10" Long Rigid Galvanized Steel (RGS) Nipple	121.21	39.16
		For Work In Restricted Working Space, Add	*23.50*	
		For Installation Above 14', Add	*11.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-0305	EA	6" x 10" Long Rigid Galvanized Steel (RGS) Nipple	157.26	50.21
		For Work In Restricted Working Space, Add	*30.15*	
		For Installation Above 14', Add	*15.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0306	EA	1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple	14.06	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0307	EA	3/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple	16.16	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0308	EA	1" x 12" Long Rigid Galvanized Steel (RGS) Nipple	20.88	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0309	EA	1-1/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple	25.10	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-0310	EA	1-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple	28.39	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0311	EA	2" x 12" Long Rigid Galvanized Steel (RGS) Nipple	32.75	11.55
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-0312	EA	2-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple	45.89	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-0313	EA	3" x 12" Long Rigid Galvanized Steel (RGS) Nipple	61.31	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0314	EA	3-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple	69.09	21.85
		For Work In Restricted Working Space, Add	*13.11*	
		For Installation Above 14', Add	*6.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-0315	EA	4" x 12" Long Rigid Galvanized Steel (RGS) Nipple	86.72	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0316	EA	5" x 12" Long Rigid Galvanized Steel (RGS) Nipple	130.28	39.16
		For Work In Restricted Working Space, Add	*23.50*	
		For Installation Above 14', Add	*11.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-0317	EA	6" x 12" Long Rigid Galvanized Steel (RGS) Nipple	163.57	50.21
		For Work In Restricted Working Space, Add	*30.15*	
		For Installation Above 14', Add	*15.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	

26 05 33 13-0318 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0042)*

26 05 33 13-0319	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	11.81	4.29
		For Work In Restricted Working Space, Add	*3.24*	
		For Installation Above 14', Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.24*	
26 05 33 13-0320	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	13.84	4.95
		For Work In Restricted Working Space, Add	*3.69*	
		For Installation Above 14', Add	*1.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.69*	
26 05 33 13-0321	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	17.49	6.26
		For Work In Restricted Working Space, Add	*4.72*	
		For Installation Above 14', Add	*2.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.72*	
26 05 33 13-0322	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	21.69	7.50
		For Work In Restricted Working Space, Add	*5.66*	
		For Installation Above 14', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.66*	
26 05 33 13-0323	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	23.75	8.25
		For Work In Restricted Working Space, Add	*6.19*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-0324	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	30.36	10.14
		For Work In Restricted Working Space, Add	*7.62*	
		For Installation Above 14', Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.62*	
26 05 33 13-0325	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	49.48	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0326	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	75.61	22.75
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-0327	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	92.13	26.87
		For Work In Restricted Working Space, Add	*20.05*	
		For Installation Above 14', Add	*10.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0328	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	109.33	31.00
		For Work In Restricted Working Space, Add	*23.25*	
		For Installation Above 14', Add	*11.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.25*	

26 05 33 13-0329 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0042)*

Note: Erickson fittings.

26 05 33 13-0330	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	34.90	13.19
		For Work In Restricted Working Space, Add	*9.91*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 05 33 13-0331	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	39.26	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For Installation Above 14', Add	*5.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0332	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	45.49	16.41
		For Work In Restricted Working Space, Add	*12.32*	
		For Installation Above 14', Add	*6.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.32*	
26 05 33 13-0333	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	54.39	17.97
		For Work In Restricted Working Space, Add	*13.48*	
		For Installation Above 14', Add	*6.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0334	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	60.50	19.63
		For Work In Restricted Working Space, Add	*14.75*	
		For Installation Above 14', Add	*7.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.75*	
26 05 33 13-0335	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	75.96	21.27
		For Work In Restricted Working Space, Add	*15.97*	
		For Installation Above 14', Add	*7.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.97*	
26 05 33 13-0336	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	118.61	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-0337	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	162.36	32.98
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 05 33 13-0338	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	232.09	39.57
		For Work In Restricted Working Space, Add	*29.69*	
		For Installation Above 14', Add	*14.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.69*	
26 05 33 13-0339	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	263.71	42.87
		For Work In Restricted Working Space, Add	*32.15*	
		For Installation Above 14', Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 05 33 13-0340	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	453.18	52.76
		For Work In Restricted Working Space, Add	*39.57*	
		For Installation Above 14', Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.57*	
26 05 33 13-0341	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	580.75	61.01
		For Work In Restricted Working Space, Add	*45.75*	
		For Installation Above 14', Add	*22.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.75*	

26 05 33 13-0342 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0042)*

26 05 33 13-0343	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	19.19	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
26 05 33 13-0344	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	21.34	7.26
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
26 05 33 13-0345	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	24.43	8.25
		For Work In Restricted Working Space, Add	*6.19*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0346	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	27.28	8.90
		For Work In Restricted Working Space, Add	*6.68*	
		For Installation Above 14', Add	*3.34*	
26 05 33 13-0347	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	31.74	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0348	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	37.56	10.89
		For Work In Restricted Working Space, Add	*8.16*	
		For Installation Above 14', Add	*4.08*	
26 05 33 13-0349	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	49.57	13.19
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0350	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	61.47	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
26 05 33 13-0351	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	73.82	19.79
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0352	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	82.52	21.44
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-0353 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0042)*

26 05 33 13-0354	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	18.16	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0355	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	20.22	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0356	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	24.99	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0357	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	30.69	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0358	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	39.52	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 05 33 13-0359	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	45.84	18.55
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0360	EA	2-1/2" Water Tight Conduit Hubs	56.06	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0361	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	75.19	25.97
		For Work In Restricted Working Space, Add	*15.58*	
		For Installation Above 14', Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-0362	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	89.36	31.33
		For Work In Restricted Working Space, Add	*18.80*	
		For Installation Above 14', Add	*9.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.80*	
26 05 33 13-0363	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	109.41	37.10
		For Work In Restricted Working Space, Add	*22.26*	
		For Installation Above 14', Add	*11.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.26*	

26 05 33 13-0364 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0042)*

Note: Type AX

26 05 33 13-0365	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	83.20	13.19
		For Work In Restricted Working Space, Add	*9.90*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0366	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	94.42	14.85
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
26 05 33 13-0367	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	111.74	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
26 05 33 13-0368	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	136.68	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
26 05 33 13-0369	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	171.53	19.79
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0370	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	236.68	21.44
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0371	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	361.93	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
26 05 33 13-0372	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	463.64	32.98
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.37*	
26 05 33 13-0373	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	676.20	39.57
		For Work In Restricted Working Space, Add	*29.68*	
		For Installation Above 14', Add	*14.84*	
26 05 33 13-0374	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	720.88	42.87
		For Work In Restricted Working Space, Add	*32.15*	
		For Installation Above 14', Add	*16.08*	
26 05 33 13-0375	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,103.20	52.76
		For Work In Restricted Working Space, Add	*39.58*	
		For Installation Above 14', Add	*19.79*	
26 05 33 13-0376	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,354.73	58.54
		For Work In Restricted Working Space, Add	*43.93*	
		For Installation Above 14', Add	*21.96*	

26 05 33 13-0377 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0042)*

Note: Type AX-8

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0378		EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	91.59	13.19
			For Work In Restricted Working Space, Add	*9.90*	
			For Installation Above 14', Add	*4.95*	
26 05 33 13-0379		EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	101.85	14.85
			For Work In Restricted Working Space, Add	*11.13*	
			For Installation Above 14', Add	*5.57*	
26 05 33 13-0380		EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	123.41	16.49
			For Work In Restricted Working Space, Add	*12.37*	
			For Installation Above 14', Add	*6.18*	
26 05 33 13-0381		EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	155.06	18.14
			For Work In Restricted Working Space, Add	*13.61*	
			For Installation Above 14', Add	*6.80*	
26 05 33 13-0382		EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	208.05	19.79
			For Work In Restricted Working Space, Add	*14.84*	
			For Installation Above 14', Add	*7.42*	
26 05 33 13-0383		EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	254.13	21.44
			For Work In Restricted Working Space, Add	*16.08*	
			For Installation Above 14', Add	*8.04*	
26 05 33 13-0384		EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	475.05	26.38
			For Work In Restricted Working Space, Add	*19.79*	
			For Installation Above 14', Add	*9.89*	
26 05 33 13-0385		EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	540.88	32.98
			For Work In Restricted Working Space, Add	*24.73*	
			For Installation Above 14', Add	*12.37*	
26 05 33 13-0386		EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	828.85	39.57
			For Work In Restricted Working Space, Add	*29.68*	
			For Installation Above 14', Add	*14.84*	
26 05 33 13-0387		EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	897.32	42.87
			For Work In Restricted Working Space, Add	*32.15*	
			For Installation Above 14', Add	*16.08*	
26 05 33 13-0388		EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,251.93	52.76
			For Work In Restricted Working Space, Add	*39.58*	
			For Installation Above 14', Add	*19.79*	
26 05 33 13-0389		EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,546.08	58.54
			For Work In Restricted Working Space, Add	*43.93*	
			For Installation Above 14', Add	*21.96*	

26 05 33 13-0390 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0042)*

Note: Type EX

26 05 33 13-0391		EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	103.88	13.19
			For Work In Restricted Working Space, Add	*9.90*	
			For Installation Above 14', Add	*4.95*	
26 05 33 13-0392		EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	130.82	14.85
			For Work In Restricted Working Space, Add	*11.13*	
			For Installation Above 14', Add	*5.57*	
26 05 33 13-0393		EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	162.54	16.49
			For Work In Restricted Working Space, Add	*12.37*	
			For Installation Above 14', Add	*6.18*	
26 05 33 13-0394		EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	197.43	18.14
			For Work In Restricted Working Space, Add	*13.61*	
			For Installation Above 14', Add	*6.80*	
26 05 33 13-0395		EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	265.42	19.79
			For Work In Restricted Working Space, Add	*14.84*	
			For Installation Above 14', Add	*7.42*	
26 05 33 13-0396		EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	364.99	21.44
			For Work In Restricted Working Space, Add	*16.08*	
			For Installation Above 14', Add	*8.04*	
26 05 33 13-0397		EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	566.32	26.38
			For Work In Restricted Working Space, Add	*19.79*	
			For Installation Above 14', Add	*9.89*	
26 05 33 13-0398		EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	763.11	32.98
			For Work In Restricted Working Space, Add	*24.73*	
			For Installation Above 14', Add	*12.37*	
26 05 33 13-0399		EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,144.93	39.57
			For Work In Restricted Working Space, Add	*29.68*	
			For Installation Above 14', Add	*14.84*	
26 05 33 13-0400		EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,185.21	42.87
			For Work In Restricted Working Space, Add	*32.15*	
			For Installation Above 14', Add	*16.08*	
26 05 33 13-0401		EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,782.62	52.76
			For Work In Restricted Working Space, Add	*39.58*	
			For Installation Above 14', Add	*19.79*	
26 05 33 13-0402		EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,209.28	58.54
			For Work In Restricted Working Space, Add	*43.93*	
			For Installation Above 14', Add	*21.96*	

26 05 33 13-0403 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0042)*

Note: Type DX

26 05 33 13-0404		EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	179.63	13.19
			For Work In Restricted Working Space, Add	*9.90*	
			For Installation Above 14', Add	*4.95*	
26 05 33 13-0405		EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	213.89	14.85
			For Work In Restricted Working Space, Add	*11.13*	
			For Installation Above 14', Add	*5.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0406	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	258.41	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
26 05 33 13-0407	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	303.66	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
26 05 33 13-0408	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	335.77	19.79
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0409	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	414.67	21.44
		For Work In Restricted Working Space, Add	*16.08*	
		For Installation Above 14', Add	*8.04*	
26 05 33 13-0410	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	547.88	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
26 05 33 13-0411	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	694.76	32.98
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.37*	
26 05 33 13-0412	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	781.99	39.57
		For Work In Restricted Working Space, Add	*29.68*	
		For Installation Above 14', Add	*14.84*	
26 05 33 13-0413	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	947.74	42.87
		For Work In Restricted Working Space, Add	*32.15*	
		For Installation Above 14', Add	*16.08*	
26 05 33 13-0414	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,618.87	52.76
		For Work In Restricted Working Space, Add	*39.58*	
		For Installation Above 14', Add	*19.79*	
26 05 33 13-0415	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,571.43	58.54
		For Work In Restricted Working Space, Add	*43.93*	
		For Installation Above 14', Add	*21.96*	

26 05 33 13-0416 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0042)*

26 05 33 13-0417	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	46.72	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
26 05 33 13-0418	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	53.91	8.25
		For Work In Restricted Working Space, Add	*6.19*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0419	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	66.42	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0420	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	93.22	13.19
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0421	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	141.23	19.79
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0422	EA	5" To 6" Conduit, 14" Bonding Jumper	240.27	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
26 05 33 13-0423	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	51.90	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
26 05 33 13-0424	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	60.45	8.25
		For Work In Restricted Working Space, Add	*6.19*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0425	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	72.41	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0426	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	101.18	13.19
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0427	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	151.78	19.79
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0428	EA	5" To 6" Conduit, 24" Bonding Jumper	274.31	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	

26 05 33 13-0429 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0042)*

26 05 33 13-0430	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	59.97	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0431	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	71.48	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 33 13-0432	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	86.01	28.86
		For Work In Restricted Working Space, Add	*17.32*	
		For Installation Above 14', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-0433	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	100.31	32.98
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0434	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	125.93	37.10
		For Work In Restricted Working Space, Add	*22.26*	
		For Installation Above 14', Add	*11.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.26*	
26 05 33 13-0435	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	149.45	41.23
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 05 33 13-0436	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	203.04	49.47
		For Work In Restricted Working Space, Add	*29.68*	
		For Installation Above 14', Add	*14.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 05 33 13-0437	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	242.60	57.72
		For Work In Restricted Working Space, Add	*34.63*	
		For Installation Above 14', Add	*17.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	
26 05 33 13-0438	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	498.72	65.96
		For Work In Restricted Working Space, Add	*39.58*	
		For Installation Above 14', Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.58*	
26 05 33 13-0439	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	572.92	74.21
		For Work In Restricted Working Space, Add	*44.52*	
		For Installation Above 14', Add	*22.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	

26 05 33 13-0440 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0042)*

26 05 33 13-0441	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	10.87	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0442	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	15.24	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
26 05 33 13-0443	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	20.02	9.07
		For Work In Restricted Working Space, Add	*5.44*	
		For Installation Above 14', Add	*2.72*	
26 05 33 13-0444	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	22.98	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0445	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	27.71	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0446	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	32.46	14.01
		For Work In Restricted Working Space, Add	*8.41*	
		For Installation Above 14', Add	*4.21*	
26 05 33 13-0447	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	41.26	15.67
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
26 05 33 13-0448	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	48.36	17.72
		For Work In Restricted Working Space, Add	*10.64*	
		For Installation Above 14', Add	*5.32*	
26 05 33 13-0449	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	56.19	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Installation Above 14', Add	*5.81*	
26 05 33 13-0450	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	59.40	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	

26 05 33 13-0451 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0042)*

26 05 33 13-0452	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	2.52	0.82
26 05 33 13-0453	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	3.48	1.23
26 05 33 13-0454	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	5.77	2.06
26 05 33 13-0455	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	8.35	2.89
26 05 33 13-0456	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	10.01	3.30
26 05 33 13-0457	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	11.76	3.71

26 05 33 13-0458 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0042)*

26 05 33 13-0459	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	99.68	10.01
		For Work In Restricted Working Space, Add	*7.50*	
		For Installation Above 14', Add	*3.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.50*	
26 05 33 13-0460	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	102.09	10.97
		For Work In Restricted Working Space, Add	*8.23*	
		For Installation Above 14', Add	*4.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.23*	
26 05 33 13-0461	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	121.43	12.04
		For Work In Restricted Working Space, Add	*9.01*	
		For Installation Above 14', Add	*4.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.01*	
26 05 33 13-0462	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	133.31	13.19
		For Work In Restricted Working Space, Add	*9.90*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.90*	
26 05 33 13-0463	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	151.89	14.85
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0464		EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	219.56	16.49
			For Work In Restricted Working Space, Add	*12.38*	
			For Installation Above 14', Add	*6.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.38*	
26 05 33 13-0465		EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	255.60	22.01
			For Work In Restricted Working Space, Add	*16.50*	
			For Installation Above 14', Add	*8.25*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 05 33 13-0466		EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	283.32	24.16
			For Work In Restricted Working Space, Add	*18.13*	
			For Installation Above 14', Add	*9.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.13*	
26 05 33 13-0467		EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	327.87	26.38
			For Work In Restricted Working Space, Add	*19.79*	
			For Installation Above 14', Add	*9.90*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-0468		EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	369.54	29.68
			For Work In Restricted Working Space, Add	*22.26*	
			For Installation Above 14', Add	*11.13*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.26*	
26 05 33 13-0469		EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	489.22	32.98
			For Work In Restricted Working Space, Add	*24.73*	
			For Installation Above 14', Add	*12.37*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 05 33 13-0470		EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	604.17	36.61
			For Work In Restricted Working Space, Add	*27.46*	
			For Installation Above 14', Add	*13.73*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.46*	

26 05 33 13-0471 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0042)*

26 05 33 13-0472		EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	13.45	6.39
			For Work In Restricted Working Space, Add	*3.83*	
			For Installation Above 14', Add	*1.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-0473		EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	14.83	6.81
			For Work In Restricted Working Space, Add	*4.08*	
			For Installation Above 14', Add	*2.04*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.08*	
26 05 33 13-0474		EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	15.24	7.01
			For Work In Restricted Working Space, Add	*4.20*	
			For Installation Above 14', Add	*2.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 33 13-0475		EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	17.62	7.22
			For Work In Restricted Working Space, Add	*4.33*	
			For Installation Above 14', Add	*2.16*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 05 33 13-0476		EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	18.05	7.42
			For Work In Restricted Working Space, Add	*4.46*	
			For Installation Above 14', Add	*2.23*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0477		EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	18.87	7.83
			For Work In Restricted Working Space, Add	*4.70*	
			For Installation Above 14', Add	*2.35*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0478		EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	20.37	8.25
			For Work In Restricted Working Space, Add	*4.95*	
			For Installation Above 14', Add	*2.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0479		EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	20.78	8.45
			For Work In Restricted Working Space, Add	*5.07*	
			For Installation Above 14', Add	*2.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-0480		EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	21.60	8.86
			For Work In Restricted Working Space, Add	*5.32*	
			For Installation Above 14', Add	*2.66*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.32*	
26 05 33 13-0481		EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.43	9.27
			For Work In Restricted Working Space, Add	*5.57*	
			For Installation Above 14', Add	*2.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-0482		EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	27.06	9.27
			For Work In Restricted Working Space, Add	*5.57*	
			For Installation Above 14', Add	*2.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.57*	
26 05 33 13-0483		EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	27.47	9.48
			For Work In Restricted Working Space, Add	*5.69*	
			For Installation Above 14', Add	*2.84*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0484		EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	28.30	9.89
			For Work In Restricted Working Space, Add	*5.94*	
			For Installation Above 14', Add	*2.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.94*	
26 05 33 13-0485		EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.12	10.30
			For Work In Restricted Working Space, Add	*6.18*	
			For Installation Above 14', Add	*3.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0486	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	31.18	11.34
		For Work In Restricted Working Space, Add	*6.80*	
		For Installation Above 14', Add	*3.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.80*	
26 05 33 13-0487	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	39.40	13.40
		For Work In Restricted Working Space, Add	*8.04*	
		For Installation Above 14', Add	*4.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	

26 05 33 13-0488 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0042)*

26 05 33 13-0489	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	1.71	0.82
		For Work In Restricted Working Space, Add	*0.50*	
		For Installation Above 14', Add	*0.25*	
26 05 33 13-0490	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	2.57	1.23
		For Work In Restricted Working Space, Add	*0.74*	
		For Installation Above 14', Add	*0.37*	
26 05 33 13-0491	EA	1" Rigid Galvanized Steel (RGS) Locknuts	4.27	2.06
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
26 05 33 13-0492	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	6.01	2.89
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
26 05 33 13-0493	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	6.91	3.30
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation Above 14', Add	*0.99*	
26 05 33 13-0494	EA	2" Rigid Galvanized Steel (RGS) Locknuts	7.80	3.71
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.11*	
26 05 33 13-0495	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	10.90	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0496	EA	3" Rigid Galvanized Steel (RGS) Locknuts	13.48	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
26 05 33 13-0497	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	15.86	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
26 05 33 13-0498	EA	4" Rigid Galvanized Steel (RGS) Locknuts	17.80	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	

26 05 33 13-0499 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0042)*

26 05 33 13-0500	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	2.57	0.82
		For Work In Restricted Working Space, Add	*0.50*	
		For Installation Above 14', Add	*0.25*	
26 05 33 13-0501	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.59	1.23
		For Work In Restricted Working Space, Add	*0.74*	
		For Installation Above 14', Add	*0.37*	
26 05 33 13-0502	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	5.70	2.06
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
26 05 33 13-0503	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	7.97	2.89
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
26 05 33 13-0504	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	9.01	3.30
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation Above 14', Add	*0.99*	
26 05 33 13-0505	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.57	3.71
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.11*	
26 05 33 13-0506	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	15.74	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0507	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	19.80	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
26 05 33 13-0508	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	26.07	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
26 05 33 13-0509	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	31.22	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	

26 05 33 13-0510 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0042)*

26 05 33 13-0511	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	7.26	2.48
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
26 05 33 13-0512	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.10	3.30
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation Above 14', Add	*0.99*	
26 05 33 13-0513	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	11.62	4.12
		For Work In Restricted Working Space, Add	*2.48*	
		For Installation Above 14', Add	*1.24*	
26 05 33 13-0514	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	16.96	6.60
		For Work In Restricted Working Space, Add	*3.96*	
		For Installation Above 14', Add	*1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0515	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	19.11	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
26 05 33 13-0516	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	21.71	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
26 05 33 13-0517	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	29.89	9.89
		For Work In Restricted Working Space, Add	*5.94*	
		For Installation Above 14', Add	*2.97*	
26 05 33 13-0518	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	36.30	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0519	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	44.93	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0520	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	54.73	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	

26 05 33 13-0521 Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0042)*

26 05 33 13-0522	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	16.47	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
26 05 33 13-0523	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	19.10	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
26 05 33 13-0524	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	24.68	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0525	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	32.40	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0526	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	43.59	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0527	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	61.59	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
26 05 33 13-0528	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	96.43	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0529	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	119.97	28.86
		For Work In Restricted Working Space, Add	*17.32*	
		For Installation Above 14', Add	*8.66*	
26 05 33 13-0530	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	151.44	35.04
		For Work In Restricted Working Space, Add	*21.03*	
		For Installation Above 14', Add	*10.51*	
26 05 33 13-0531	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	182.03	41.23
		For Work In Restricted Working Space, Add	*24.73*	
		For Installation Above 14', Add	*12.37*	

26 05 33 13-0532 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0042)*

26 05 33 13-0533	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	23.22	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0534	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	28.93	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0535	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	40.28	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
26 05 33 13-0536	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	52.04	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
26 05 33 13-0537	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	63.55	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	
26 05 33 13-0538	EA	2" Rigid Galvanized Steel (RGS) Compression Connector	88.50	28.86
		For Work In Restricted Working Space, Add	*17.32*	
		For Installation Above 14', Add	*8.66*	
26 05 33 13-0539	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	130.80	32.98
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
26 05 33 13-0540	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	142.79	28.45
		For Work In Restricted Working Space, Add	*17.06*	
		For Installation Above 14', Add	*8.53*	
26 05 33 13-0541	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	199.66	43.28
		For Work In Restricted Working Space, Add	*25.97*	
		For Installation Above 14', Add	*12.99*	
26 05 33 13-0542	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	243.64	49.47
		For Work In Restricted Working Space, Add	*29.68*	
		For Installation Above 14', Add	*14.84*	

26 05 33 13-0543 Rigid Galvanized Steel (RGS) Knock Out Seal *(26 05 33 13-0042)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0544	EA	1/2" Snap-in Knock Out Seal	4.32	2.06
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
26 05 33 13-0545	EA	3/4" Snap-in Knock Out Seal	5.21	2.48
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
26 05 33 13-0546	EA	1" Snap-in Knock Out Seal	6.18	2.89
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
26 05 33 13-0547	EA	1-1/4" Snap-in Knock Out Seal	7.95	3.71
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.11*	
26 05 33 13-0548	EA	1-1/2" Snap-in Knock Out Seal	8.99	4.12
		For Work In Restricted Working Space, Add	*2.48*	
		For Installation Above 14', Add	*1.24*	
26 05 33 13-0549	EA	2" Snap-in Knock Out Seal	10.94	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0550	EA	2-1/2" 3-Piece Knock Out Seal	14.82	6.18
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
26 05 33 13-0551	EA	3" 3-Piece Knock Out Seal	17.12	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
26 05 33 13-0552	EA	3-1/2" 3-Piece Knock Out Seal	19.28	7.83
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
26 05 33 13-0553	EA	4" 3-Piece Knock Out Seal	22.08	8.66
		For Work In Restricted Working Space, Add	*5.19*	
		For Installation Above 14', Add	*2.60*	

26 05 33 13-0554 Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0042)*

26 05 33 13-0555	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	10.19	4.95
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-0556	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	12.05	5.77
		For Work In Restricted Working Space, Add	*3.47*	
		For Installation Above 14', Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-0557	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	15.10	7.01
		For Work In Restricted Working Space, Add	*4.20*	
		For Installation Above 14', Add	*2.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	
26 05 33 13-0558	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	18.39	8.25
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0559	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	23.05	10.30
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0560	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	28.70	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0561	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	36.39	14.42
		For Work In Restricted Working Space, Add	*8.66*	
		For Installation Above 14', Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-0562	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	40.71	16.49
		For Work In Restricted Working Space, Add	*9.89*	
		For Installation Above 14', Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 05 33 13-0563	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	50.76	18.55
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0564	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	69.86	20.61
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 05 33 13-0565 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0042)*

26 05 33 13-0566	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	20.04	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
26 05 33 13-0567	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	23.27	8.66
		For Work In Restricted Working Space, Add	*5.19*	
		For Installation Above 14', Add	*2.60*	
26 05 33 13-0568	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	29.69	9.89
		For Work In Restricted Working Space, Add	*5.94*	
		For Installation Above 14', Add	*2.97*	
26 05 33 13-0569	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	38.07	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0570	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	50.84	14.85
		For Work In Restricted Working Space, Add	*8.90*	
		For Installation Above 14', Add	*4.45*	
26 05 33 13-0571	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	68.12	17.31
		For Work In Restricted Working Space, Add	*10.39*	
		For Installation Above 14', Add	*5.19*	
26 05 33 13-0572	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	94.86	19.79
		For Work In Restricted Working Space, Add	*11.87*	
		For Installation Above 14', Add	*5.94*	
26 05 33 13-0573	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	166.60	24.74
		For Work In Restricted Working Space, Add	*14.84*	
		For Installation Above 14', Add	*7.42*	

26 05 33 13-0574 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0575 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0574)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-0576	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	4.08	1.48
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation Above 14', Add	*0.56*	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.32*	
		For Installation In Metal Stud Wall, Add	*0.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.93*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.56*	
		For Factory Applied Color Coating, Add	*0.11*	
26 05 33 13-0577	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	4.70	1.65
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.37*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.03*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.62*	
		For Factory Applied Color Coating, Add	*0.17*	
26 05 33 13-0578	LF	1" Electrical Metallic Tubing (EMT) Conduit	5.49	1.81
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation Above 14', Add	*0.68*	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.44*	
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
		For Factory Applied Color Coating, Add	*0.29*	
26 05 33 13-0579	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	6.62	2.04
		For Work In Restricted Working Space, Add	*1.53*	
		For Installation Above 14', Add	*0.77*	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.53*	
		For Installation In Metal Stud Wall, Add	*0.51*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.28*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.77*	
		For Factory Applied Color Coating, Add	*0.45*	
26 05 33 13-0580	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	7.65	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.62*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Factory Applied Color Coating, Add	*0.56*	
26 05 33 13-0581	LF	2" Electrical Metallic Tubing (EMT) Conduit	8.83	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation Above 14', Add	*0.99*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.72*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
		For Factory Applied Color Coating, Add	*0.67*	
26 05 33 13-0582	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	11.14	3.14
		For Work In Restricted Working Space, Add	*2.35*	
		For Installation Above 14', Add	*1.17*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.92*	
		For Installation In Metal Stud Wall, Add	*0.78*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.96*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.17*	
		For Factory Applied Color Coating, Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0583	LF	3" Electrical Metallic Tubing (EMT) Conduit	13.21	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Installation Above 14', Add	*1.36*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.09*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.36*	
		For Factory Applied Color Coating, Add	*1.24*	
26 05 33 13-0584	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	16.25	4.29
		For Work In Restricted Working Space, Add	*3.22*	
		For Installation Above 14', Add	*1.61*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.36*	
		For Installation In Metal Stud Wall, Add	*1.07*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.68*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.61*	
		For Factory Applied Color Coating, Add	*1.66*	
26 05 33 13-0585	LF	4" Electrical Metallic Tubing (EMT) Conduit	21.52	6.34
		For Work In Restricted Working Space, Add	*4.76*	
		For Installation Above 14', Add	*2.38*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.76*	
		For Installation In Metal Stud Wall, Add	*1.59*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.96*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.38*	
		For Factory Applied Color Coating, Add	*1.70*	

26 05 33 13-0586 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0574)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0587	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	10.79	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Installation Above 14', Add	*1.36*	
26 05 33 13-0588	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	11.42	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0589	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	13.95	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Installation Above 14', Add	*1.73*	
26 05 33 13-0590	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	15.36	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
26 05 33 13-0591	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	18.21	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
26 05 33 13-0592	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	23.92	7.59
		For Work In Restricted Working Space, Add	*5.69*	
		For Installation Above 14', Add	*2.84*	
26 05 33 13-0593	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	32.40	8.57
		For Work In Restricted Working Space, Add	*6.43*	
		For Installation Above 14', Add	*3.21*	
26 05 33 13-0594	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	41.62	9.56
		For Work In Restricted Working Space, Add	*7.17*	
		For Installation Above 14', Add	*3.59*	
26 05 33 13-0595	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	47.34	10.55
		For Work In Restricted Working Space, Add	*7.91*	
		For Installation Above 14', Add	*3.96*	
26 05 33 13-0596	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	97.82	27.74
		For Work In Restricted Working Space, Add	*20.80*	
		For Installation Above 14', Add	*10.40*	

26 05 33 13-0597 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0574)*

26 05 33 13-0598	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	4.32	1.97
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
26 05 33 13-0599	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.23	1.97
		For Work In Restricted Working Space, Add	*1.48*	
		For Installation Above 14', Add	*0.74*	
26 05 33 13-0600	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.21	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
26 05 33 13-0601	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.39	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation Above 14', Add	*1.11*	
26 05 33 13-0602	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	10.35	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Installation Above 14', Add	*1.36*	
26 05 33 13-0603	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	14.07	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
26 05 33 13-0604	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	19.47	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0605	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	25.24	7.59
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
26 05 33 13-0606	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	28.41	8.25
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
26 05 33 13-0607	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	80.94	22.98
		For Work In Restricted Working Space, Add	*22.32*	
		For Installation Above 14', Add	*11.16*	

26 05 33 13-0608 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0574)*

26 05 33 13-0609	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	5.44	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
26 05 33 13-0610	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	6.31	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
26 05 33 13-0611	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	9.00	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Installation Above 14', Add	*1.24*	
26 05 33 13-0612	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	11.46	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
26 05 33 13-0613	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	13.75	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Installation Above 14', Add	*1.73*	
26 05 33 13-0614	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	18.32	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
26 05 33 13-0615	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	28.84	7.92
		For Work In Restricted Working Space, Add	*5.94*	
		For Installation Above 14', Add	*2.97*	
26 05 33 13-0616	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	33.37	9.23
		For Work In Restricted Working Space, Add	*6.92*	
		For Installation Above 14', Add	*3.46*	
26 05 33 13-0617	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	41.73	11.55
		For Work In Restricted Working Space, Add	*8.66*	
		For Installation Above 14', Add	*4.33*	
26 05 33 13-0618	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	53.52	14.85
		For Work In Restricted Working Space, Add	*11.13*	
		For Installation Above 14', Add	*5.57*	

26 05 33 13-0619 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0574)*

26 05 33 13-0620	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	4.28	1.65
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation Above 14', Add	*0.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.24*	
26 05 33 13-0621	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.20	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation Above 14', Add	*0.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-0622	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.21	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation Above 14', Add	*0.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-0623	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	9.07	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Installation Above 14', Add	*1.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-0624	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	11.08	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation Above 14', Add	*1.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-0625	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	14.13	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation Above 14', Add	*1.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0626	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	21.38	6.60
		For Work In Restricted Working Space, Add	*4.95*	
		For Installation Above 14', Add	*2.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0627	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	26.59	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0628	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	31.46	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0629	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	36.64	11.55
		For Work In Restricted Working Space, Add	*8.66*	
		For Installation Above 14', Add	*4.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0630			Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0574)*		
26 05 33 13-0631		EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	5.78	2.23
			For Work In Restricted Working Space, Add	*1.66*	
			For Installation Above 14', Add	*0.83*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.66*	
26 05 33 13-0632		EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	6.43	2.40
			For Work In Restricted Working Space, Add	*1.80*	
			For Installation Above 14', Add	*0.90*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.80*	
26 05 33 13-0633		EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.08	2.97
			For Work In Restricted Working Space, Add	*2.20*	
			For Installation Above 14', Add	*1.10*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.20*	
26 05 33 13-0634		EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.64	3.79
			For Work In Restricted Working Space, Add	*2.82*	
			For Installation Above 14', Add	*1.41*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 33 13-0635		EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	12.62	4.37
			For Work In Restricted Working Space, Add	*3.29*	
			For Installation Above 14', Add	*1.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.29*	
26 05 33 13-0636		EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	15.45	5.27
			For Work In Restricted Working Space, Add	*3.96*	
			For Installation Above 14', Add	*1.98*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-0637		EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	25.71	7.34
			For Work In Restricted Working Space, Add	*5.49*	
			For Installation Above 14', Add	*2.75*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.49*	
26 05 33 13-0638		EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	33.27	9.73
			For Work In Restricted Working Space, Add	*7.32*	
			For Installation Above 14', Add	*3.66*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.32*	
26 05 33 13-0639		EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	42.49	12.53
			For Work In Restricted Working Space, Add	*9.42*	
			For Installation Above 14', Add	*4.71*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.42*	
26 05 33 13-0640		EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	53.42	16.49
			For Work In Restricted Working Space, Add	*12.37*	
			For Installation Above 14', Add	*6.18*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0641			Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0574)*		
26 05 33 13-0642		EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	5.20	1.97
			For Work In Restricted Working Space, Add	*1.49*	
			For Installation Above 14', Add	*0.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.49*	
26 05 33 13-0643		EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.16	2.31
			For Work In Restricted Working Space, Add	*1.73*	
			For Installation Above 14', Add	*0.87*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.73*	
26 05 33 13-0644		EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	8.80	3.30
			For Work In Restricted Working Space, Add	*2.48*	
			For Installation Above 14', Add	*1.24*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-0645		EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	10.92	3.96
			For Work In Restricted Working Space, Add	*2.97*	
			For Installation Above 14', Add	*1.48*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-0646		EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	13.00	4.62
			For Work In Restricted Working Space, Add	*3.47*	
			For Installation Above 14', Add	*1.73*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-0647		EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	16.95	5.93
			For Work In Restricted Working Space, Add	*4.46*	
			For Installation Above 14', Add	*2.23*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0648		EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	26.12	7.92
			For Work In Restricted Working Space, Add	*5.94*	
			For Installation Above 14', Add	*2.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.94*	
26 05 33 13-0649		EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	33.02	9.89
			For Work In Restricted Working Space, Add	*7.42*	
			For Installation Above 14', Add	*3.71*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0650		EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	41.62	11.55
			For Work In Restricted Working Space, Add	*8.66*	
			For Installation Above 14', Add	*4.33*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-0651		EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	46.82	13.19
			For Work In Restricted Working Space, Add	*9.89*	
			For Installation Above 14', Add	*4.95*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-0652 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0574)*

26 05 33 13-0653	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	5.95	2.23
		For Work In Restricted Working Space, Add	*1.66*	
		For Installation Above 14', Add	*0.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.66*	
26 05 33 13-0654	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	6.61	2.40
		For Work In Restricted Working Space, Add	*1.80*	
		For Installation Above 14', Add	*0.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.80*	
26 05 33 13-0655	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.24	2.97
		For Work In Restricted Working Space, Add	*2.20*	
		For Installation Above 14', Add	*1.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.20*	
26 05 33 13-0656	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.07	3.79
		For Work In Restricted Working Space, Add	*2.82*	
		For Installation Above 14', Add	*1.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 33 13-0657	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	13.34	4.37
		For Work In Restricted Working Space, Add	*3.29*	
		For Installation Above 14', Add	*1.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.29*	
26 05 33 13-0658	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	16.50	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Installation Above 14', Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-0659	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	29.53	7.34
		For Work In Restricted Working Space, Add	*5.49*	
		For Installation Above 14', Add	*2.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.49*	
26 05 33 13-0660	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	39.69	9.73
		For Work In Restricted Working Space, Add	*7.32*	
		For Installation Above 14', Add	*3.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.32*	
26 05 33 13-0661	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	53.74	12.53
		For Work In Restricted Working Space, Add	*9.42*	
		For Installation Above 14', Add	*4.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.42*	
26 05 33 13-0662	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	67.34	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 05 33 13-0663 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0574)*

Note: Excludes jumper.

26 05 33 13-0664	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	45.15	10.97
		For Work In Restricted Working Space, Add	*8.23*	
		For Installation Above 14', Add	*4.12*	
26 05 33 13-0665	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	54.38	13.27
		For Work In Restricted Working Space, Add	*9.98*	
		For Installation Above 14', Add	*4.99*	
26 05 33 13-0666	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	66.80	16.66
		For Work In Restricted Working Space, Add	*12.47*	
		For Installation Above 14', Add	*6.24*	
26 05 33 13-0667	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	86.48	20.45
		For Work In Restricted Working Space, Add	*15.35*	
		For Installation Above 14', Add	*7.67*	
26 05 33 13-0668	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	107.60	24.00
		For Work In Restricted Working Space, Add	*17.99*	
		For Installation Above 14', Add	*9.00*	
26 05 33 13-0669	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	134.96	29.19
		For Work In Restricted Working Space, Add	*21.91*	
		For Installation Above 14', Add	*10.96*	
26 05 33 13-0670	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	259.56	37.52
		For Work In Restricted Working Space, Add	*28.14*	
		For Installation Above 14', Add	*14.07*	
26 05 33 13-0671	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	317.67	43.86
		For Work In Restricted Working Space, Add	*32.91*	
		For Installation Above 14', Add	*16.45*	
26 05 33 13-0672	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	390.78	47.82
		For Work In Restricted Working Space, Add	*35.87*	
		For Installation Above 14', Add	*17.94*	
26 05 33 13-0673	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	422.86	52.76
		For Work In Restricted Working Space, Add	*39.59*	
		For Installation Above 14', Add	*19.79*	

26 05 33 13-0674 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters *(26 05 33 13-0574)*

26 05 33 13-0675	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	8.39	2.97
		For Work In Restricted Working Space, Add	*2.20*	
		For Installation Above 14', Add	*1.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.20*	
26 05 33 13-0676	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	8.97	2.97
		For Work In Restricted Working Space, Add	*2.20*	
		For Installation Above 14', Add	*1.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0677	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.03	3.22
		For Work In Restricted Working Space, Add	*2.44*	
		For Installation Above 14', Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.44*	
26 05 33 13-0678	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.69	3.71
		For Work In Restricted Working Space, Add	*2.78*	
		For Installation Above 14', Add	*1.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-0679	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	16.70	4.45
		For Work In Restricted Working Space, Add	*3.36*	
		For Installation Above 14', Add	*1.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.36*	
26 05 33 13-0680	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	20.44	5.11
		For Work In Restricted Working Space, Add	*3.84*	
		For Installation Above 14', Add	*1.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.84*	
26 05 33 13-0681	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	26.67	6.44
		For Work In Restricted Working Space, Add	*4.80*	
		For Installation Above 14', Add	*2.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.80*	

26 05 33 13-0682 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0574)*

26 05 33 13-0683	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	17.63	7.42
		For Work In Restricted Working Space, Add	*4.46*	
		For Installation Above 14', Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-0684	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	20.53	8.66
		For Work In Restricted Working Space, Add	*5.19*	
		For Installation Above 14', Add	*2.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-0685	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	25.54	9.89
		For Work In Restricted Working Space, Add	*5.94*	
		For Installation Above 14', Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.94*	
26 05 33 13-0686	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	32.65	12.37
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation Above 14', Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	

26 05 33 13-0687 Intermediate Metal Conduit (IMC) *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0688 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0687)*

Note: Includes field bending conduit up to 1".

26 05 33 13-0689	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	5.07	1.65
		For Installation Above 14', Add	*0.62*	
		For Work In Restricted Working Space, Add	*1.24*	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.07*	
		For >1,000, Deduct	*-0.10*	
		For Installation In Metal Stub Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.03*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.62*	
26 05 33 13-0690	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	5.66	1.81
		For Installation Above 14', Add	*0.68*	
		For Work In Restricted Working Space, Add	*1.36*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.08*	
		For >1,000, Deduct	*-0.11*	
		For Installation In Metal Stub Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-0691	LF	1" Intermediate Metal Conduit (IMC) Conduit	6.69	1.97
		For Installation Above 14', Add	*0.74*	
		For Work In Restricted Working Space, Add	*1.49*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000, Deduct	*-0.17*	
		For Installation In Metal Stub Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.74*	
26 05 33 13-0692	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	7.98	3.96
		For Installation Above 14', Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.73*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.22*	
		For Installation In Metal Stub Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.44*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
26 05 33 13-0693	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	9.21	2.64
		For Installation Above 14', Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.98*	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000, Deduct	*-0.26*	
		For Installation In Metal Stub Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.65*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0694	LF	2" Intermediate Metal Conduit (IMC) Conduit	10.96	2.97
		For Installation Above 14', Add	*1.11*	
		For Work In Restricted Working Space, Add	*2.23*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000, Deduct	*-0.35*	
		For Installation In Metal Stub Wall, Add	*0.74*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.86*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
26 05 33 13-0695	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	17.73	3.96
		For Installation Above 14', Add	*1.48*	
		For Work In Restricted Working Space, Add	*2.97*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000, Deduct	*-0.78*	
		For Installation In Metal Stub Wall, Add	*0.99*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.47*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.48*	
26 05 33 13-0696	LF	3" Intermediate Metal Conduit (IMC) Conduit	22.02	4.95
		For Installation Above 14', Add	*1.86*	
		For Work In Restricted Working Space, Add	*3.71*	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-0.97*	
		For Installation In Metal Stub Wall, Add	*1.24*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.09*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.86*	
26 05 33 13-0697	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	26.03	5.93
		For Installation Above 14', Add	*2.23*	
		For Work In Restricted Working Space, Add	*4.46*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000, Deduct	*-1.12*	
		For Installation In Metal Stub Wall, Add	*1.49*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.71*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.23*	
26 05 33 13-0698	LF	4" Intermediate Metal Conduit (IMC) Conduit	30.47	6.93
		For Installation Above 14', Add	*2.60*	
		For Work In Restricted Working Space, Add	*5.19*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.32*	
		For Installation In Metal Stub Wall, Add	*1.73*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.33*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.60*	

26 05 33 13-0699 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0687)*

See CSI section 26 05 33 13-2198 for conduit field bending.

26 05 33 13-0700	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	39.06	12.45
		For Installation Above 14', Add	*4.65*	
		For Work In Restricted Working Space, Add	*9.31*	
26 05 33 13-0701	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	47.31	14.42
		For Installation Above 14', Add	*5.41*	
		For Work In Restricted Working Space, Add	*10.82*	
26 05 33 13-0702	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	55.61	16.57
		For Installation Above 14', Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.41*	
26 05 33 13-0703	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	66.00	18.22
		For Installation Above 14', Add	*6.83*	
		For Work In Restricted Working Space, Add	*13.65*	
26 05 33 13-0704	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	91.68	22.75
		For Installation Above 14', Add	*8.53*	
		For Work In Restricted Working Space, Add	*17.06*	
26 05 33 13-0705	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	130.76	31.00
		For Installation Above 14', Add	*11.62*	
		For Work In Restricted Working Space, Add	*23.25*	
26 05 33 13-0706	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	181.45	34.96
		For Installation Above 14', Add	*13.11*	
		For Work In Restricted Working Space, Add	*26.22*	
26 05 33 13-0707	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	222.85	45.51
		For Installation Above 14', Add	*17.06*	
		For Work In Restricted Working Space, Add	*34.13*	

26 05 33 13-0708 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0687)*

26 05 33 13-0709	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	11.07	4.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-0710	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	12.97	0.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-0711	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	16.66	6.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-0712	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	20.28	7.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-0713	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	22.50	8.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0714	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	28.67	10.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-0715	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	50.93	16.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0716	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	64.69	22.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.82*	
26 05 33 13-0717	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	82.38	26.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.04*	
26 05 33 13-0718	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	96.79	31.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.25*	

26 05 33 13-0719 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0687)*

Note: 3-Piece coupling.

26 05 33 13-0720	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	35.72	13.19
		For Installation Above 14', Add	*4.95*	
		For Work In Restricted Working Space, Add	*9.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.91*	
26 05 33 13-0721	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	40.33	14.75
		For Installation Above 14', Add	*5.53*	
		For Work In Restricted Working Space, Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-0722	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	47.75	16.41
		For Installation Above 14', Add	*6.16*	
		For Work In Restricted Working Space, Add	*12.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.32*	
26 05 33 13-0723	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	57.25	17.97
		For Installation Above 14', Add	*6.74*	
		For Work In Restricted Working Space, Add	*13.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.48*	
26 05 33 13-0724	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	64.63	19.63
		For Installation Above 14', Add	*7.37*	
		For Work In Restricted Working Space, Add	*14.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.75*	
26 05 33 13-0725	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	84.19	21.27
		For Installation Above 14', Add	*7.98*	
		For Work In Restricted Working Space, Add	*15.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.97*	
26 05 33 13-0726	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	132.18	26.38
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-0727	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	183.42	32.98
		For Installation Above 14', Add	*12.37*	
		For Work In Restricted Working Space, Add	*24.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 05 33 13-0728	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	261.20	39.57
		For Installation Above 14', Add	*14.85*	
		For Work In Restricted Working Space, Add	*29.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.69*	
26 05 33 13-0729	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	299.20	42.87
		For Installation Above 14', Add	*16.08*	
		For Work In Restricted Working Space, Add	*32.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	

26 05 33 13-0730 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0687)*

26 05 33 13-0731	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	19.43	6.60
		For Installation Above 14', Add	*2.47*	
		For Work In Restricted Working Space, Add	*4.95*	
26 05 33 13-0732	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	21.62	7.26
		For Installation Above 14', Add	*2.72*	
		For Work In Restricted Working Space, Add	*5.44*	
26 05 33 13-0733	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	24.76	8.25
		For Installation Above 14', Add	*3.09*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-0734	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	27.72	8.90
		For Installation Above 14', Add	*3.34*	
		For Work In Restricted Working Space, Add	*6.68*	
26 05 33 13-0735	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	32.35	9.89
		For Installation Above 14', Add	*3.71*	
		For Work In Restricted Working Space, Add	*7.42*	
26 05 33 13-0736	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	38.47	10.89
		For Installation Above 14', Add	*4.08*	
		For Work In Restricted Working Space, Add	*8.16*	
26 05 33 13-0737	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	51.02	13.19
		For Installation Above 14', Add	*4.95*	
		For Work In Restricted Working Space, Add	*9.89*	
26 05 33 13-0738	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	63.25	16.49
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0739	EA	3-1/2"" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	75.96	19.79
		For Installation Above 14', Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
26 05 33 13-0740	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	85.05	21.44
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	

26 05 33 13-0741 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0687)*

26 05 33 13-0742	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	17.71	6.60
		For Installation Above 14', Add	*2.47*	
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-0743	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	22.45	8.25
		For Installation Above 14', Add	*3.09*	
		For Work In Restricted Working Space, Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-0744	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	27.45	9.89
		For Installation Above 14', Add	*3.71*	
		For Work In Restricted Working Space, Add	*7.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 05 33 13-0745	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	32.70	11.55
		For Installation Above 14', Add	*4.33*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	
26 05 33 13-0746	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	37.93	13.19
		For Installation Above 14', Add	*4.95*	
		For Work In Restricted Working Space, Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.89*	
26 05 33 13-0747	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	44.25	14.85
		For Installation Above 14', Add	*5.57*	
		For Work In Restricted Working Space, Add	*11.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.13*	
26 05 33 13-0748	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	53.21	16.49
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0749	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	61.49	18.14
		For Installation Above 14', Add	*6.80*	
		For Work In Restricted Working Space, Add	*13.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-0750	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	74.52	21.44
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0751	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	84.11	23.08
		For Installation Above 14', Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.31*	

26 05 33 13-0752 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0687)*

26 05 33 13-0753	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	85.96	13.19
		For Installation Above 14', Add	*4.95*	
		For Work In Restricted Working Space, Add	*9.90*	
26 05 33 13-0754	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	95.37	14.85
		For Installation Above 14', Add	*5.57*	
		For Work In Restricted Working Space, Add	*11.13*	
26 05 33 13-0755	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	105.99	16.49
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.37*	
26 05 33 13-0756	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	126.13	18.14
		For Installation Above 14', Add	*6.80*	
		For Work In Restricted Working Space, Add	*13.61*	
26 05 33 13-0757	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	151.94	19.79
		For Installation Above 14', Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
26 05 33 13-0758	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	194.89	21.44
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0759	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	287.92	26.38
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
26 05 33 13-0760	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	347.47	32.98
		For Installation Above 14', Add	*12.37*	
		For Work In Restricted Working Space, Add	*24.73*	
26 05 33 13-0761	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	477.56	39.57
		For Installation Above 14', Add	*14.84*	
		For Work In Restricted Working Space, Add	*29.68*	
26 05 33 13-0762	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	549.23	42.87
		For Installation Above 14', Add	*16.08*	
		For Work In Restricted Working Space, Add	*32.15*	

26 05 33 13-0763 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0687)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0764	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	61.61	20.61
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-0765	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	73.41	24.74
		For Installation Above 14', Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 33 13-0766	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	88.49	28.86
		For Installation Above 14', Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-0767	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	103.32	32.98
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-0768	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	130.46	37.10
		For Installation Above 14', Add	*11.13*	
		For Work In Restricted Working Space, Add	*22.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.26*	
26 05 33 13-0769	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	155.32	41.23
		For Installation Above 14', Add	*12.37*	
		For Work In Restricted Working Space, Add	*24.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 05 33 13-0770	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	212.16	49.47
		For Installation Above 14', Add	*14.84*	
		For Work In Restricted Working Space, Add	*29.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.68*	
26 05 33 13-0771	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	253.74	57.72
		For Installation Above 14', Add	*17.31*	
		For Work In Restricted Working Space, Add	*34.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.63*	
26 05 33 13-0772	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	530.84	65.96
		For Installation Above 14', Add	*19.79*	
		For Work In Restricted Working Space, Add	*39.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.58*	
26 05 33 13-0773	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	610.11	74.21
		For Installation Above 14', Add	*22.26*	
		For Work In Restricted Working Space, Add	*44.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	

26 05 33 13-0774 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0687)*

26 05 33 13-0775	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	10.59	3.96
		For Installation Above 14', Add	*1.48*	
		For Work In Restricted Working Space, Add	*2.97*	
26 05 33 13-0776	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	14.86	5.60
		For Installation Above 14', Add	*2.10*	
		For Work In Restricted Working Space, Add	*4.21*	
26 05 33 13-0777	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	19.38	7.26
		For Installation Above 14', Add	*2.72*	
		For Work In Restricted Working Space, Add	*5.44*	
26 05 33 13-0778	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	22.19	8.25
		For Installation Above 14', Add	*3.09*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-0779	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	26.71	9.89
		For Installation Above 14', Add	*3.71*	
		For Work In Restricted Working Space, Add	*7.42*	
26 05 33 13-0780	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	30.67	11.22
		For Installation Above 14', Add	*4.21*	
		For Work In Restricted Working Space, Add	*8.42*	
26 05 33 13-0781	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	37.11	12.53
		For Installation Above 14', Add	*4.70*	
		For Work In Restricted Working Space, Add	*9.40*	
26 05 33 13-0782	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	43.36	14.18
		For Installation Above 14', Add	*5.32*	
		For Work In Restricted Working Space, Add	*10.64*	
26 05 33 13-0783	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	49.34	15.50
		For Installation Above 14', Add	*5.81*	
		For Work In Restricted Working Space, Add	*11.63*	
26 05 33 13-0784	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	51.87	16.49
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.36*	

26 05 33 13-0785 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0687)*

26 05 33 13-0786	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	4.90	1.65
		For Installation Above 14', Add	*0.62*	
		For Work In Restricted Working Space, Add	*1.24*	
26 05 33 13-0787	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	5.34	1.65
		For Installation Above 14', Add	*0.62*	
		For Work In Restricted Working Space, Add	*1.24*	

26 05 33 13-0788 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0041)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0789		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0788)*		
		Note: Includes field bending for conduit up to 1".		
26 05 33 13-0790	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	11.08	2.31
		For Installation Above 14', Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.73*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.96*	
26 05 33 13-0791	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	12.75	2.64
		For Installation Above 14', Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.98*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000, Deduct	*-1.11*	
26 05 33 13-0792	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	16.22	3.30
		For Installation Above 14', Add	*1.24*	
		For Work In Restricted Working Space, Add	*2.48*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000, Deduct	*-1.42*	
26 05 33 13-0793	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	20.00	3.96
		For Installation Above 14', Add	*1.48*	
		For Work In Restricted Working Space, Add	*2.97*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000, Deduct	*-1.75*	
26 05 33 13-0794	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	24.66	4.95
		For Installation Above 14', Add	*1.86*	
		For Work In Restricted Working Space, Add	*3.71*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.16*	
26 05 33 13-0795	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	30.86	5.93
		For Installation Above 14', Add	*2.23*	
		For Work In Restricted Working Space, Add	*4.46*	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-1.94*	
		For >1,000, Deduct	*-2.71*	
26 05 33 13-0796	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	41.59	6.93
		For Installation Above 14', Add	*2.60*	
		For Work In Restricted Working Space, Add	*5.19*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000, Deduct	*-3.73*	
26 05 33 13-0797	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	52.05	8.57
		For Installation Above 14', Add	*3.22*	
		For Work In Restricted Working Space, Add	*6.43*	
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.37*	
		For >1,000, Deduct	*-4.67*	
26 05 33 13-0798	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	63.83	10.55
		For Installation Above 14', Add	*3.96*	
		For Work In Restricted Working Space, Add	*7.91*	
		For >250 To 500, Deduct	*-2.53*	
		For >500 To 1,000, Deduct	*-4.13*	
		For >1,000, Deduct	*-5.72*	
26 05 33 13-0799	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	75.48	12.53
		For Installation Above 14', Add	*4.70*	
		For Work In Restricted Working Space, Add	*9.40*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.88*	
		For >1,000, Deduct	*-6.76*	
26 05 33 13-0800	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	115.33	14.85
		For Installation Above 14', Add	*5.57*	
		For Work In Restricted Working Space, Add	*11.13*	
		For >250 To 500, Deduct	*-4.84*	
		For >500 To 1,000, Deduct	*-7.72*	
		For >1,000, Deduct	*-10.61*	
26 05 33 13-0801	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	156.68	19.79
		For Installation Above 14', Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
		For >250 To 500, Deduct	*-6.60*	
		For >500 To 1,000, Deduct	*-10.51*	
		For >1,000, Deduct	*-14.43*	
26 05 33 13-0802		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0788)*		
26 05 33 13-0803	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	12.05	3.22
		For Installation Above 14', Add	*0.97*	
		For Work In Restricted Working Space, Add	*1.93*	
26 05 33 13-0804	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	14.45	4.29
		For Installation Above 14', Add	*1.29*	
		For Work In Restricted Working Space, Add	*2.57*	
26 05 33 13-0805	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	18.35	5.36
		For Installation Above 14', Add	*1.61*	
		For Work In Restricted Working Space, Add	*3.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0806	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	20.69	5.89
		For Installation Above 14', Add	*1.77*	
		For Work In Restricted Working Space, Add	*3.54*	
26 05 33 13-0807	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	24.51	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
26 05 33 13-0808	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	31.57	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-0809	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	57.63	9.64
		For Installation Above 14', Add	*2.90*	
		For Work In Restricted Working Space, Add	*5.79*	
26 05 33 13-0810	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	73.35	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-0811	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	90.81	15.54
		For Installation Above 14', Add	*4.66*	
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-0812	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	112.71	21.44
		For Installation Above 14', Add	*6.43*	
		For Work In Restricted Working Space, Add	*12.86*	
26 05 33 13-0813	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	286.51	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0814	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	287.42	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	

26 05 33 13-0815 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0788)*

Note: 90, 45, or 30 degree.

26 05 33 13-0816	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	46.46	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-0817	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	53.65	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-0818	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	64.14	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0819	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	75.93	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0820	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	88.95	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0821	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	108.30	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0822	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	166.92	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0823	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	249.32	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0824	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	308.56	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0825	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	353.98	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0826	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	737.75	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-0827	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,160.50	181.14
		For Installation Above 14', Add	*54.34*	
		For Work In Restricted Working Space, Add	*108.68*	

26 05 33 13-0828 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0788)*

26 05 33 13-0829	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	110.49	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0830	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	124.33	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0831	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	141.93	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0832	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	169.43	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0833	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	236.12	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0834		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0788)*		
26 05 33 13-0835	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	123.03	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0836	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	145.04	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0837	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	156.78	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0838	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	201.82	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0839	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	267.35	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0840	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	341.93	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0841		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0788)*		
26 05 33 13-0842	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	138.02	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0843	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	155.83	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0844	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	175.84	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0845	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	212.56	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0846	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	303.23	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0847	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	384.05	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0848	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	484.99	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0849	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	546.19	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0850		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0788)*		
26 05 33 13-0851	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	163.91	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0852	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	181.15	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0853	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	204.59	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0854	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	253.96	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0855	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	367.45	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0856	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	455.43	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0857	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	528.57	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0858	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	626.20	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0859		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0788)*		
26 05 33 13-0860	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	184.05	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0861	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	204.72	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0862	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	232.88	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0863	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	290.00	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0864	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	402.49	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0865	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	512.52	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0866	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	634.54	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0867	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	699.64	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0868	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,166.51	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	

26 05 33 13-0869 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0788)*

26 05 33 13-0870	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	210.39	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0871	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	233.20	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0872	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	263.90	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0873	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	329.97	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0874	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	460.88	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0875	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	585.26	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0876	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	687.63	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0877	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	794.45	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0878	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,232.96	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-0879	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,685.55	181.14
		For Installation Above 14', Add	*54.34*	
		For Work In Restricted Working Space, Add	*108.68*	

26 05 33 13-0880 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0788)*

26 05 33 13-0881	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	247.07	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0882	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	258.59	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0883	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	305.43	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0884	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	385.61	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0885	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	539.61	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0886	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	683.32	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0887	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	835.24	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0888	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	978.90	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0889	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,449.70	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-0890	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,785.04	181.14
		For Installation Above 14', Add	*54.34*	
		For Work In Restricted Working Space, Add	*108.68*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0891			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0788)*		
26 05 33 13-0892		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	255.90	20.37
			For Installation Above 14', Add	*6.11*	
			For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-0893		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	301.53	23.58
			For Installation Above 14', Add	*7.07*	
			For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-0894		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	341.33	26.79
			For Installation Above 14', Add	*8.04*	
			For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-0895		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	402.34	29.48
			For Installation Above 14', Add	*8.84*	
			For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-0896		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	559.28	36.98
			For Installation Above 14', Add	*11.09*	
			For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-0897		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	713.48	50.38
			For Installation Above 14', Add	*15.11*	
			For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-0898		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	915.64	56.80
			For Installation Above 14', Add	*17.04*	
			For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-0899		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,020.73	73.95
			For Installation Above 14', Add	*22.19*	
			For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-0900		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,507.93	120.58
			For Installation Above 14', Add	*36.17*	
			For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-0901		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,835.59	181.14
			For Installation Above 14', Add	*54.34*	
			For Work In Restricted Working Space, Add	*108.68*	
26 05 33 13-0902			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0788)*		
26 05 33 13-0903		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	92.92	13.40
			For Installation Above 14', Add	*4.02*	
			For Work In Restricted Working Space, Add	*8.04*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0904		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	113.35	17.68
			For Installation Above 14', Add	*5.31*	
			For Work In Restricted Working Space, Add	*10.61*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 05 33 13-0905		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	152.10	20.37
			For Installation Above 14', Add	*6.11*	
			For Work In Restricted Working Space, Add	*12.22*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0906		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	252.80	23.58
			For Installation Above 14', Add	*7.07*	
			For Work In Restricted Working Space, Add	*14.15*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0907		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	278.89	26.79
			For Installation Above 14', Add	*8.04*	
			For Work In Restricted Working Space, Add	*16.08*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0908		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	353.72	29.48
			For Installation Above 14', Add	*8.84*	
			For Work In Restricted Working Space, Add	*17.69*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0909		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	976.91	36.98
			For Installation Above 14', Add	*11.09*	
			For Work In Restricted Working Space, Add	*22.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0910		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,164.10	50.38
			For Installation Above 14', Add	*15.11*	
			For Work In Restricted Working Space, Add	*30.23*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0911		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,544.59	73.95
			For Installation Above 14', Add	*22.19*	
			For Work In Restricted Working Space, Add	*44.37*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	
26 05 33 13-0912			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0788)*		
26 05 33 13-0913		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	88.90	13.40
			For Installation Above 14', Add	*4.02*	
			For Work In Restricted Working Space, Add	*8.04*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0914	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	108.81	17.68
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 05 33 13-0915	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	152.10	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0916	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	250.46	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0917	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	269.47	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0918	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	353.84	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0919	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	936.69	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0920	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,134.76	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0921	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,544.52	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	

26 05 33 13-0922 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0788)*

26 05 33 13-0923	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	80.00	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0924	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	95.30	17.68
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 05 33 13-0925	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	112.61	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0926	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	161.59	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0927	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	188.99	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0928	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	295.68	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0929	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	824.69	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0930	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	925.55	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0931	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,178.99	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	

26 05 33 13-0932 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0788)*

26 05 33 13-0933	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	139.54	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0934	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	211.10	17.68
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0935	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	265.96	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0936	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	306.98	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0937	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	348.63	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0938	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	460.59	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0939	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,466.49	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0940	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,710.11	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0941	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,098.91	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	

26 05 33 13-0942 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0788)*

26 05 33 13-0943	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	155.35	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0944	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	226.02	17.68
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 05 33 13-0945	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	268.80	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0946	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	311.66	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0947	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	361.47	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0948	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	573.37	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0949	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,636.65	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0950	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,304.19	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0951	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,399.66	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	

26 05 33 13-0952 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0788)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0953	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	122.13	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-0954	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	153.87	17.68
		For Installation Above 14', Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.61*	
26 05 33 13-0955	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	184.60	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 05 33 13-0956	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	204.24	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.15*	
26 05 33 13-0957	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	276.53	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-0958	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	393.37	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0959	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,325.55	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-0960	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,489.73	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.23*	
26 05 33 13-0961	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,766.17	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.37*	

26 05 33 13-0962 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0788)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-0963	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	106.52	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-0964	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	120.02	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0965	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	149.24	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-0966	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	196.85	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-0967	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	230.58	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-0968	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	316.44	51.45
		For Installation Above 14', Add	*15.44*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	
26 05 33 13-0969	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	536.58	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.41*	
26 05 33 13-0970	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	685.90	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0971	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	957.38	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 05 33 13-0972	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,096.51	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.10*	

26 05 33 13-0973 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0788)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-0974	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	139.12	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-0975	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	158.87	37.52
		For Installation Above 14', Add	*11.25*	
		For Work In Restricted Working Space, Add	*22.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-0976	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	195.46	41.27
		For Installation Above 14', Add	*12.38*	
		For Work In Restricted Working Space, Add	*24.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.76*	
26 05 33 13-0977	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	265.44	47.16
		For Installation Above 14', Add	*14.15*	
		For Work In Restricted Working Space, Add	*28.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.30*	
26 05 33 13-0978	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	315.00	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	
26 05 33 13-0979	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	431.15	63.24
		For Installation Above 14', Add	*18.97*	
		For Work In Restricted Working Space, Add	*37.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.94*	

26 05 33 13-0980 Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0788)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-0981	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	122.51	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-0982	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	139.59	34.30
		For Installation Above 14', Add	*10.29*	
		For Work In Restricted Working Space, Add	*20.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.58*	
26 05 33 13-0983	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	170.14	37.52
		For Installation Above 14', Add	*11.25*	
		For Work In Restricted Working Space, Add	*22.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.51*	
26 05 33 13-0984	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	219.64	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-0985	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	261.53	47.16
		For Installation Above 14', Add	*14.15*	
		For Work In Restricted Working Space, Add	*28.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.30*	
26 05 33 13-0986	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	353.21	55.20
		For Installation Above 14', Add	*16.56*	
		For Work In Restricted Working Space, Add	*33.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.12*	
26 05 33 13-0987	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	570.94	80.39
		For Installation Above 14', Add	*24.12*	
		For Work In Restricted Working Space, Add	*48.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.23*	
26 05 33 13-0988	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	756.33	104.51
		For Installation Above 14', Add	*31.35*	
		For Work In Restricted Working Space, Add	*62.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.70*	
26 05 33 13-0989	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,043.93	128.62
		For Installation Above 14', Add	*38.59*	
		For Work In Restricted Working Space, Add	*77.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.17*	
26 05 33 13-0990	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,163.22	154.88
		For Installation Above 14', Add	*46.47*	
		For Work In Restricted Working Space, Add	*92.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.93*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0991		Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0788)*		
26 05 33 13-0992	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	25.97	3.22
		For Installation Above 14', Add	*0.97*	
		For Work In Restricted Working Space, Add	*1.93*	
26 05 33 13-0993	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	29.08	3.75
		For Installation Above 14', Add	*1.13*	
		For Work In Restricted Working Space, Add	*2.25*	
26 05 33 13-0994	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	37.94	4.82
		For Installation Above 14', Add	*1.45*	
		For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-0995	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	48.90	5.89
		For Installation Above 14', Add	*1.77*	
		For Work In Restricted Working Space, Add	*3.54*	
26 05 33 13-0996	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	54.63	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
26 05 33 13-0997	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	67.81	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-0998	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	88.17	9.11
		For Installation Above 14', Add	*2.73*	
		For Work In Restricted Working Space, Add	*5.47*	
26 05 33 13-0999	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	95.67	12.86
		For Installation Above 14', Add	*3.86*	
		For Work In Restricted Working Space, Add	*7.72*	
26 05 33 13-1000	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	116.64	14.47
		For Installation Above 14', Add	*4.34*	
		For Work In Restricted Working Space, Add	*8.68*	
26 05 33 13-1001	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	124.15	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.94*	
26 05 33 13-1002		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0788)*		
26 05 33 13-1003	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	121.33	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-1004	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	134.10	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-1005	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	156.80	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1006	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	186.36	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-1007	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	233.53	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-1008	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	283.16	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	
26 05 33 13-1009	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	410.65	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.41*	
26 05 33 13-1010	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	525.56	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.88*	
26 05 33 13-1011	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,070.93	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 05 33 13-1012	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,576.32	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.10*	
26 05 33 13-1013		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0788)*		
26 05 33 13-1014	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	212.28	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1015	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	228.14	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-1016	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	260.49	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1017	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	291.23	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-1018	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	354.26	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-1019	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	398.00	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	
26 05 33 13-1020	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	559.97	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.41*	
26 05 33 13-1021	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	781.27	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.88*	
26 05 33 13-1022	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,145.19	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	
26 05 33 13-1023	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,673.50	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.10*	

26 05 33 13-1024 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0788)*

26 05 33 13-1025	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	168.50	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-1026	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	179.11	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-1027	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	205.81	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1028	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	229.21	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-1029	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	318.15	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-1030	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	400.18	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	
26 05 33 13-1031	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	623.47	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.41*	
26 05 33 13-1032	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	910.47	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.88*	
26 05 33 13-1033	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,145.19	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.35*	

26 05 33 13-1034 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0788)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1035	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	225.13	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-1036	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	249.58	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-1037	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	310.09	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1038	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	382.96	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-1039	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	535.37	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	
26 05 33 13-1040	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	641.61	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.87*	

26 05 33 13-1041 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0788)*

26 05 33 13-1042	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	41.89	10.30
		For Installation Above 14', Add	*3.09*	
		For Work In Restricted Working Space, Add	*6.18*	
26 05 33 13-1043	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	55.92	12.37
		For Installation Above 14', Add	*3.71*	
		For Work In Restricted Working Space, Add	*7.42*	
26 05 33 13-1044	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	70.84	16.49
		For Installation Above 14', Add	*4.95*	
		For Work In Restricted Working Space, Add	*9.89*	
26 05 33 13-1045	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	98.05	20.61
		For Installation Above 14', Add	*6.18*	
		For Work In Restricted Working Space, Add	*12.37*	
26 05 33 13-1046	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	129.29	24.74
		For Installation Above 14', Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
26 05 33 13-1047	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	226.50	28.86
		For Installation Above 14', Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.32*	
26 05 33 13-1048	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	331.69	32.98
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
26 05 33 13-1049	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	414.97	37.10
		For Installation Above 14', Add	*11.13*	
		For Work In Restricted Working Space, Add	*22.26*	
26 05 33 13-1050	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	579.98	43.28
		For Installation Above 14', Add	*12.99*	
		For Work In Restricted Working Space, Add	*25.97*	
26 05 33 13-1051	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	705.07	49.47
		For Installation Above 14', Add	*14.84*	
		For Work In Restricted Working Space, Add	*29.68*	
26 05 33 13-1052	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,128.74	78.32
		For Installation Above 14', Add	*23.50*	
		For Work In Restricted Working Space, Add	*47.00*	
26 05 33 13-1053	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,539.40	119.55
		For Installation Above 14', Add	*35.86*	
		For Work In Restricted Working Space, Add	*71.73*	

26 05 33 13-1054 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0788)*

26 05 33 13-1055	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	158.50	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1056	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	187.95	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
26 05 33 13-1057	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	206.72	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1058	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	299.73	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1059	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	397.84	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1060	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	427.96	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1061	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,025.10	71.28
		For Installation Above 14', Add	*21.38*	
		For Work In Restricted Working Space, Add	*42.77*	
26 05 33 13-1062	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,075.69	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
26 05 33 13-1063	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,770.24	120.58
		For Installation Above 14', Add	*36.18*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1064	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,837.60	146.84
		For Installation Above 14', Add	*44.06*	
		For Work In Restricted Working Space, Add	*88.11*	

26 05 33 13-1065 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0788)*

26 05 33 13-1066	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	234.69	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1067	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	267.31	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1068	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	534.49	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1069	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	559.62	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1070	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	768.05	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1071	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	817.56	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
26 05 33 13-1072	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,579.75	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
26 05 33 13-1073	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,656.34	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
26 05 33 13-1074	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,432.58	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1075	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,751.48	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	

26 05 33 13-1076 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0788)*

26 05 33 13-1077	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	88.99	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1078	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	103.27	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1079	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	122.85	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1080	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	145.15	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	

26 05 33 13-1081 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0788)*

26 05 33 13-1082	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	69.14	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1083	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	79.44	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1084	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	111.24	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1085	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	145.24	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1086	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	177.63	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1087	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	258.39	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1088	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	354.19	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	

26 05 33 13-1089 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0788)*

26 05 33 13-1090	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	89.04	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1091	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	106.01	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1092	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	122.87	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1093	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	145.20	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	

26 05 33 13-1094 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0788)*

26 05 33 13-1095	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	69.21	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1096	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	79.44	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1097	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	103.02	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1098	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	129.28	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1099	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	151.63	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1100	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	175.11	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1101	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	332.95	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1102	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	378.99	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-1103	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	408.10	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-1104	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	502.20	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	

26 05 33 13-1105 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0788)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1106	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	145.65	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.44*	
26 05 33 13-1107	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	156.85	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.69*	
26 05 33 13-1108	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	171.22	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.26*	
26 05 33 13-1109	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	231.98	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.47*	
26 05 33 13-1110	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	297.42	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	

26 05 33 13-1111 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover

(26 05 33 13-0788)

26 05 33 13-1112	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	177.10	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1113	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	190.23	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1114	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	222.59	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1115	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	321.14	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1116	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	528.44	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1117	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	569.32	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	

26 05 33 13-1118 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0788)*

26 05 33 13-1119	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	194.95	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1120	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	220.01	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1121	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	239.58	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1122	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	338.40	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1123	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	569.62	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1124	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	607.11	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	

26 05 33 13-1125 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0788)*

26 05 33 13-1126	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	195.09	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1127	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	214.74	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1128	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	255.98	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1129	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	351.55	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1130	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	589.24	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1131	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	631.30	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	

26 05 33 13-1132 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0788)*

26 05 33 13-1133	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	244.51	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1134	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	269.67	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1135	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	291.70	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1136	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	750.92	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	

26 05 33 13-1137 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0788)*

Note: Excludes cover.

26 05 33 13-1138	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	112.74	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1139	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	123.56	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1140	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	137.68	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1141	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	126.14	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1142	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	135.28	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1143	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	153.96	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	

26 05 33 13-1144 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0788)*

Note: Excludes cover.

26 05 33 13-1145	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	119.08	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1146	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	130.69	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1147	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	142.61	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1148	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	135.20	25.72
		For Installation Above 14', Add	*7.72*	
		For Work In Restricted Working Space, Add	*15.44*	
26 05 33 13-1149	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	146.97	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1150	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	166.00	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	

26 05 33 13-1151 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0788)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1152	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	44.37	3.22
		For Installation Above 14', Add	*0.97*	
		For Work In Restricted Working Space, Add	*1.93*	
26 05 33 13-1153	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	60.55	3.75
		For Installation Above 14', Add	*1.13*	
		For Work In Restricted Working Space, Add	*2.25*	
26 05 33 13-1154	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	57.08	3.75
		For Installation Above 14', Add	*1.13*	
		For Work In Restricted Working Space, Add	*2.25*	
26 05 33 13-1155	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	50.58	3.75
		For Installation Above 14', Add	*1.13*	
		For Work In Restricted Working Space, Add	*2.25*	
26 05 33 13-1156	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	251.44	5.36
		For Installation Above 14', Add	*1.61*	
		For Work In Restricted Working Space, Add	*3.22*	
26 05 33 13-1157	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	223.28	5.36
		For Installation Above 14', Add	*1.61*	
		For Work In Restricted Working Space, Add	*3.22*	

26 05 33 13-1158 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies *(26 05 33 13-0788)*

Note: Includes covers.

26 05 33 13-1159	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	252.34	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1160	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	282.99	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1161	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	394.84	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1162	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	470.36	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
26 05 33 13-1163	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	680.24	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
26 05 33 13-1164	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	856.42	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
26 05 33 13-1165	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,263.01	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1166	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,568.17	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	
26 05 33 13-1167	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	252.34	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1168	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	282.99	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1169	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	393.71	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1170	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	458.89	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
26 05 33 13-1171	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	690.80	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
26 05 33 13-1172	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	903.79	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	
26 05 33 13-1173	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,320.19	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1174	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,603.78	146.84
		For Installation Above 14', Add	*44.05*	
		For Work In Restricted Working Space, Add	*88.10*	
26 05 33 13-1175	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	252.34	33.76
		For Installation Above 14', Add	*10.13*	
		For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1176	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	282.99	39.12
		For Installation Above 14', Add	*11.74*	
		For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1177	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	393.71	42.87
		For Installation Above 14', Add	*12.86*	
		For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1178	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	458.89	51.45
		For Installation Above 14', Add	*15.43*	
		For Work In Restricted Working Space, Add	*30.87*	
26 05 33 13-1179	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	690.80	72.35
		For Installation Above 14', Add	*21.71*	
		For Work In Restricted Working Space, Add	*43.41*	
26 05 33 13-1180	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	903.79	96.47
		For Installation Above 14', Add	*28.94*	
		For Work In Restricted Working Space, Add	*57.88*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1181		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,320.19	120.58
			For Installation Above 14', Add	*36.17*	
			For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1182		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,603.78	146.84
			For Installation Above 14', Add	*44.05*	
			For Work In Restricted Working Space, Add	*88.10*	
26 05 33 13-1183		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	252.34	33.76
			For Installation Above 14', Add	*10.13*	
			For Work In Restricted Working Space, Add	*20.26*	
26 05 33 13-1184		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	282.99	39.12
			For Installation Above 14', Add	*11.74*	
			For Work In Restricted Working Space, Add	*23.47*	
26 05 33 13-1185		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	394.84	42.87
			For Installation Above 14', Add	*12.86*	
			For Work In Restricted Working Space, Add	*25.72*	
26 05 33 13-1186		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	465.06	51.45
			For Installation Above 14', Add	*15.43*	
			For Work In Restricted Working Space, Add	*30.87*	
26 05 33 13-1187		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	680.24	72.35
			For Installation Above 14', Add	*21.71*	
			For Work In Restricted Working Space, Add	*43.41*	
26 05 33 13-1188		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	856.42	96.47
			For Installation Above 14', Add	*28.94*	
			For Work In Restricted Working Space, Add	*57.88*	
26 05 33 13-1189		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,263.01	120.58
			For Installation Above 14', Add	*36.17*	
			For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1190		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,583.00	146.84
			For Installation Above 14', Add	*44.05*	
			For Work In Restricted Working Space, Add	*88.10*	

26 05 33 13-1191 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0788)*

26 05 33 13-1192		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	130.05	4.82
			For Installation Above 14', Add	*1.45*	
			For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-1193		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	131.13	5.36
			For Installation Above 14', Add	*1.61*	
			For Work In Restricted Working Space, Add	*3.22*	
26 05 33 13-1194		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	185.40	7.50
			For Installation Above 14', Add	*2.25*	
			For Work In Restricted Working Space, Add	*4.50*	
26 05 33 13-1195		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	187.54	8.57
			For Installation Above 14', Add	*2.57*	
			For Work In Restricted Working Space, Add	*5.15*	
26 05 33 13-1196		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	329.56	10.18
			For Installation Above 14', Add	*3.06*	
			For Work In Restricted Working Space, Add	*6.11*	
26 05 33 13-1197		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	334.91	12.86
			For Installation Above 14', Add	*3.86*	
			For Work In Restricted Working Space, Add	*7.72*	
26 05 33 13-1198		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	506.32	14.47
			For Installation Above 14', Add	*4.34*	
			For Work In Restricted Working Space, Add	*8.68*	
26 05 33 13-1199		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	514.90	18.75
			For Installation Above 14', Add	*5.63*	
			For Work In Restricted Working Space, Add	*11.26*	

26 05 33 13-1200 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0788)*

26 05 33 13-1201		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	222.00	13.40
			For Installation Above 14', Add	*4.02*	
			For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1202		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	262.01	16.61
			For Installation Above 14', Add	*4.98*	
			For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1203		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	309.86	20.37
			For Installation Above 14', Add	*6.11*	
			For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1204		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	382.31	23.58
			For Installation Above 14', Add	*7.07*	
			For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1205		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	512.89	26.79
			For Installation Above 14', Add	*8.04*	
			For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1206		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	713.06	29.48
			For Installation Above 14', Add	*8.84*	
			For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1207		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,020.33	36.98
			For Installation Above 14', Add	*11.09*	
			For Work In Restricted Working Space, Add	*22.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1208	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,267.03	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-1209	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,783.06	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-1210	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,051.75	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	

26 05 33 13-1211 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0788)*

26 05 33 13-1212	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	355.74	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1213	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	368.38	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1214	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	413.08	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1215	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	500.26	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1216	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	607.07	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1217	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	777.89	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1218	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,150.93	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1219	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,441.55	50.38
		For Installation Above 14', Add	*15.11*	
		For Work In Restricted Working Space, Add	*30.23*	
26 05 33 13-1220	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,839.40	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-1221	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,301.29	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	

26 05 33 13-1222 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0788)*

26 05 33 13-1223	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	72.59	6.44
		For Installation Above 14', Add	*1.93*	
		For Work In Restricted Working Space, Add	*3.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 05 33 13-1224	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	78.33	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1225	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	85.88	9.64
		For Installation Above 14', Add	*2.90*	
		For Work In Restricted Working Space, Add	*5.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.79*	
26 05 33 13-1226	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	96.84	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1227	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	131.14	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1228	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	160.75	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1229	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	231.10	18.75
		For Installation Above 14', Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.26*	
26 05 33 13-1230	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	301.44	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1231	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	386.23	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1232	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	485.31	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1233	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	598.44	60.02
		For Installation Above 14', Add	*18.01*	
		For Work In Restricted Working Space, Add	*36.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.01*	
26 05 33 13-1234	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	902.54	90.57
		For Installation Above 14', Add	*27.17*	
		For Work In Restricted Working Space, Add	*54.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.34*	

26 05 33 13-1235 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0788)*

26 05 33 13-1236	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	110.58	6.44
		For Installation Above 14', Add	*1.93*	
		For Work In Restricted Working Space, Add	*3.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 05 33 13-1237	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	116.59	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1238	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	124.99	9.64
		For Installation Above 14', Add	*2.90*	
		For Work In Restricted Working Space, Add	*5.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.79*	
26 05 33 13-1239	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	142.44	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1240	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	152.67	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1241	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	172.74	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1242	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	264.75	18.75
		For Installation Above 14', Add	*5.63*	
		For Work In Restricted Working Space, Add	*11.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.26*	
26 05 33 13-1243	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	315.95	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1244	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	389.36	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1245	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	505.55	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1246	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	785.57	60.02
		For Installation Above 14', Add	*18.01*	
		For Work In Restricted Working Space, Add	*36.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.01*	
26 05 33 13-1247	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,288.17	90.57
		For Installation Above 14', Add	*27.17*	
		For Work In Restricted Working Space, Add	*54.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.34*	

26 05 33 13-1248 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0788)*

26 05 33 13-1249	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	119.03	6.44
		For Installation Above 14', Add	*1.93*	
		For Work In Restricted Working Space, Add	*3.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 05 33 13-1250	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	124.61	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1251	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	133.37	9.64
		For Installation Above 14', Add	*2.90*	
		For Work In Restricted Working Space, Add	*5.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.79*	
26 05 33 13-1252	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	167.88	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1253	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	183.37	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1254	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	193.93	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	

26 05 33 13-1255 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0788)*

26 05 33 13-1256	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	85.40	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1257	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	92.91	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1258	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	120.74	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1259	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	175.92	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1260	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	208.90	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1261	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	265.93	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1262	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	354.16	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1263	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	460.26	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1264	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	592.82	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-1265	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	763.21	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-1266	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,391.22	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1267	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,731.99	181.14
		For Installation Above 14', Add	*54.34*	
		For Work In Restricted Working Space, Add	*108.68*	

26 05 33 13-1268 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0788)*

26 05 33 13-1269	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	87.38	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1270	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	100.45	16.61
		For Installation Above 14', Add	*4.98*	
		For Work In Restricted Working Space, Add	*9.97*	
26 05 33 13-1271	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	124.76	20.37
		For Installation Above 14', Add	*6.11*	
		For Work In Restricted Working Space, Add	*12.22*	
26 05 33 13-1272	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	183.30	23.58
		For Installation Above 14', Add	*7.07*	
		For Work In Restricted Working Space, Add	*14.15*	
26 05 33 13-1273	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	219.14	26.79
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
26 05 33 13-1274	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	288.05	29.48
		For Installation Above 14', Add	*8.84*	
		For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1275	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	401.49	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1276	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	508.39	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
26 05 33 13-1277	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	679.82	56.80
		For Installation Above 14', Add	*17.04*	
		For Work In Restricted Working Space, Add	*34.09*	
26 05 33 13-1278	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	849.89	73.95
		For Installation Above 14', Add	*22.19*	
		For Work In Restricted Working Space, Add	*44.37*	
26 05 33 13-1279	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,550.12	120.58
		For Installation Above 14', Add	*36.17*	
		For Work In Restricted Working Space, Add	*72.35*	
26 05 33 13-1280	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,988.57	181.14
		For Installation Above 14', Add	*54.34*	
		For Work In Restricted Working Space, Add	*108.68*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1281				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0788)*		
26 05 33 13-1282		EA		3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	48.22	4.29
				For Installation Above 14', Add	*1.29*	
				For Work In Restricted Working Space, Add	*2.57*	
26 05 33 13-1283		EA		1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	52.76	5.36
				For Installation Above 14', Add	*1.61*	
				For Work In Restricted Working Space, Add	*3.22*	
26 05 33 13-1284		EA		1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	60.16	5.36
				For Installation Above 14', Add	*1.61*	
				For Work In Restricted Working Space, Add	*3.22*	
26 05 33 13-1285		EA		1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	74.51	5.89
				For Installation Above 14', Add	*1.77*	
				For Work In Restricted Working Space, Add	*3.54*	
26 05 33 13-1286		EA		1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	78.78	5.89
				For Installation Above 14', Add	*1.77*	
				For Work In Restricted Working Space, Add	*3.54*	
26 05 33 13-1287		EA		1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	67.23	6.97
				For Installation Above 14', Add	*2.09*	
				For Work In Restricted Working Space, Add	*4.18*	
26 05 33 13-1288		EA		1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	76.77	6.97
				For Installation Above 14', Add	*2.09*	
				For Work In Restricted Working Space, Add	*4.18*	
26 05 33 13-1289		EA		1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	119.67	6.97
				For Installation Above 14', Add	*2.09*	
				For Work In Restricted Working Space, Add	*4.18*	
26 05 33 13-1290		EA		2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	132.97	8.04
				For Installation Above 14', Add	*2.41*	
				For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-1291		EA		2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	129.26	8.04
				For Installation Above 14', Add	*2.41*	
				For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-1292		EA		2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	136.15	8.04
				For Installation Above 14', Add	*2.41*	
				For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-1293		EA		2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	153.45	8.04
				For Installation Above 14', Add	*2.41*	
				For Work In Restricted Working Space, Add	*4.82*	
26 05 33 13-1294		EA		2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	152.02	9.64
				For Installation Above 14', Add	*2.90*	
				For Work In Restricted Working Space, Add	*5.79*	
26 05 33 13-1295		EA		3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	193.58	13.40
				For Installation Above 14', Add	*4.02*	
				For Work In Restricted Working Space, Add	*8.04*	
26 05 33 13-1296		EA		3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	286.00	15.54
				For Installation Above 14', Add	*4.66*	
				For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-1297		EA		4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	382.50	21.44
				For Installation Above 14', Add	*6.43*	
				For Work In Restricted Working Space, Add	*12.86*	
26 05 33 13-1298		EA		5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	477.70	29.48
				For Installation Above 14', Add	*8.84*	
				For Work In Restricted Working Space, Add	*17.69*	
26 05 33 13-1299				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0788)*		
26 05 33 13-1300		EA		1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	29.48	6.44
				For Installation Above 14', Add	*1.93*	
				For Work In Restricted Working Space, Add	*3.86*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.86*	
26 05 33 13-1301		EA		3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	33.02	8.04
				For Installation Above 14', Add	*2.41*	
				For Work In Restricted Working Space, Add	*4.82*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1302		EA		1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.24	10.18
				For Installation Above 14', Add	*3.06*	
				For Work In Restricted Working Space, Add	*6.11*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1303		EA		1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.56	11.79
				For Installation Above 14', Add	*3.54*	
				For Work In Restricted Working Space, Add	*7.07*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1304		EA		1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.49	13.40
				For Installation Above 14', Add	*4.02*	
				For Work In Restricted Working Space, Add	*8.04*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1305		EA		1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	32.69	6.97
				For Installation Above 14', Add	*2.09*	
				For Work In Restricted Working Space, Add	*4.18*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1306	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.29	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1307	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.54	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1308	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.99	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1309	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.11	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1310	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.47	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1311	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	32.85	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1312	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.45	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1313	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.83	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1314	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.31	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1315	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.43	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1316	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.28	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1317	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.00	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1318	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.61	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1319	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.15	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1320	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.63	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1321	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.88	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1322	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.83	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1323	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	83.77	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1324	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	108.28	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1325	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.16	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1326	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.90	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1327	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.47	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1328	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.95	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1329	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.34	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1330	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	62.37	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1331	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	86.02	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1332	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	113.12	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1333	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	135.06	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1334	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	157.68	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1335	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.46	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1336	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.22	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1337	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.81	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1338	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.56	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1339	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.97	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1340	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	63.76	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1341	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	94.96	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1342	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	120.36	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1343	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	136.60	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1344	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	161.81	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1345	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	238.49	50.91
		For Installation Above 14', Add	*15.27*	
		For Work In Restricted Working Space, Add	*30.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	
26 05 33 13-1346	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	36.03	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1347	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.79	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1348	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.42	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1349	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.69	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1350	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.33	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1351	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	65.14	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1352	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	104.05	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1353	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.99	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1354	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	145.28	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1355	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	176.44	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1356	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	260.36	50.91
		For Installation Above 14', Add	*15.27*	
		For Work In Restricted Working Space, Add	*30.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	
26 05 33 13-1357	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	36.91	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1358	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.65	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1359	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.78	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1360	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.99	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1361	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.11	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1362	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.91	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1363	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	115.22	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1364	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	143.16	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1365	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	166.99	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1366	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	198.40	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1367	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	275.34	50.91
		For Installation Above 14', Add	*15.27*	
		For Work In Restricted Working Space, Add	*30.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	
26 05 33 13-1368	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.84	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1369	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.56	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1370	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.12	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1371	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.08	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1372	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.69	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1373	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	81.86	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1374	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	127.03	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1375	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	160.03	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1376	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	189.79	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1377	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	236.82	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1378	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	305.25	50.91
		For Installation Above 14', Add	*15.27*	
		For Work In Restricted Working Space, Add	*30.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	
26 05 33 13-1379	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.80	6.97
		For Installation Above 14', Add	*2.09*	
		For Work In Restricted Working Space, Add	*4.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	
26 05 33 13-1380	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.63	8.04
		For Installation Above 14', Add	*2.41*	
		For Work In Restricted Working Space, Add	*4.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.82*	
26 05 33 13-1381	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.53	10.18
		For Installation Above 14', Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.11*	
26 05 33 13-1382	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	63.80	11.79
		For Installation Above 14', Add	*3.54*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.07*	
26 05 33 13-1383	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.66	13.40
		For Installation Above 14', Add	*4.02*	
		For Work In Restricted Working Space, Add	*8.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.04*	
26 05 33 13-1384	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	89.85	15.01
		For Installation Above 14', Add	*4.50*	
		For Work In Restricted Working Space, Add	*9.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.00*	
26 05 33 13-1385	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	142.79	18.22
		For Installation Above 14', Add	*5.47*	
		For Work In Restricted Working Space, Add	*10.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.93*	
26 05 33 13-1386	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	185.33	25.19
		For Installation Above 14', Add	*7.56*	
		For Work In Restricted Working Space, Add	*15.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.11*	
26 05 33 13-1387	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	203.78	28.41
		For Installation Above 14', Add	*8.52*	
		For Work In Restricted Working Space, Add	*17.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.04*	
26 05 33 13-1388	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	248.61	36.98
		For Installation Above 14', Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.19*	
26 05 33 13-1389	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	309.52	50.91
		For Installation Above 14', Add	*15.27*	
		For Work In Restricted Working Space, Add	*30.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.55*	

26 05 33 13-1390 Aluminum Conduit *(26 05 33 13-0041)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1391 Aluminum Conduit With Threaded Coupling *(26 05 33 13-1390)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1392	LF	1/2" Aluminum Conduit With Threaded Coupling	5.15	1.65
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.62*	
26 05 33 13-1393	LF	3/4" Aluminum Conduit With Threaded Coupling	5.91	1.81
		For Work In Restricted Working Space, Add	*1.36*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-1394	LF	1" Aluminum Conduit With Threaded Coupling	6.91	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.74*	
26 05 33 13-1395	LF	1-1/4" Aluminum Conduit With Threaded Coupling	7.93	2.15
		For Work In Restricted Working Space, Add	*1.61*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1396	LF	1-1/2" Aluminum Conduit With Threaded Coupling	8.96	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
26 05 33 13-1397	LF	2" Aluminum Conduit With Threaded Coupling	10.87	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
26 05 33 13-1398	LF	2-1/2" Aluminum Conduit With Threaded Coupling	14.99	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.24*	
26 05 33 13-1399	LF	3" Aluminum Conduit With Threaded Coupling	18.75	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.48*	
26 05 33 13-1400	LF	3-1/2" Aluminum Conduit With Threaded Coupling	23.00	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.86*	
26 05 33 13-1401	LF	4" Aluminum Conduit With Threaded Coupling	28.26	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.35*	
26 05 33 13-1402	LF	5" Aluminum Conduit With Threaded Coupling	37.81	7.92
		For Work In Restricted Working Space, Add	*5.94*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.97*	
26 05 33 13-1403	LF	6" Aluminum Conduit With Threaded Coupling	48.46	9.89
		For Work In Restricted Working Space, Add	*7.42*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.71*	

26 05 33 13-1404 Aluminum 90 Degree Elbows *(26 05 33 13-1390)*

26 05 33 13-1405	EA	1" Aluminum 90 Degree Elbow	32.42	8.57
		For Work In Restricted Working Space, Add	*6.43*	
26 05 33 13-1406	EA	1-1/4" Aluminum 90 Degree Elbow	41.76	9.73
		For Work In Restricted Working Space, Add	*7.30*	
26 05 33 13-1407	EA	1-1/2" Aluminum 90 Degree Elbow	51.25	11.22
		For Work In Restricted Working Space, Add	*8.41*	
26 05 33 13-1408	EA	2" Aluminum 90 Degree Elbow	66.33	12.86
		For Work In Restricted Working Space, Add	*9.65*	
26 05 33 13-1409	EA	2-1/2" Aluminum 90 Degree Elbow	96.74	15.67
		For Work In Restricted Working Space, Add	*11.75*	
26 05 33 13-1410	EA	3" Aluminum 90 Degree Elbow	139.65	20.28
		For Work In Restricted Working Space, Add	*15.21*	
26 05 33 13-1411	EA	3-1/2" Aluminum 90 Degree Elbow	195.60	22.75
		For Work In Restricted Working Space, Add	*17.06*	
26 05 33 13-1412	EA	4" Aluminum 90 Degree Elbow	235.80	28.53
		For Work In Restricted Working Space, Add	*21.40*	
26 05 33 13-1413	EA	5" Aluminum 90 Degree Elbow	602.58	46.50
		For Work In Restricted Working Space, Add	*34.88*	
26 05 33 13-1414	EA	6" Aluminum 90 Degree Elbow	847.67	69.92
		For Work In Restricted Working Space, Add	*52.44*	

26 05 33 13-1415 Aluminum Bushing Set With Locknut *(26 05 33 13-1390)*

26 05 33 13-1416	EA	1/2" Aluminum Bushing Set With Locknut	9.08	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-1417	EA	3/4" Aluminum Bushing Set With Locknut	14.08	4.29
		For Work In Restricted Working Space, Add	*3.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-1418	EA	1" Aluminum Bushing Set With Locknut	13.73	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-1419	EA	1-1/4" Aluminum Bushing Set With Locknut	15.45	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-1420	EA	1-1/2" Aluminum Bushing Set With Locknut	18.91	7.26
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1421	EA	2" Aluminum Bushing Set With Locknut	23.13	8.74
		For Work In Restricted Working Space, Add	*6.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.56*	
26 05 33 13-1422	EA	2-1/2" Aluminum Bushing Set With Locknut	28.57	10.38
		For Work In Restricted Working Space, Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 05 33 13-1423	EA	3" Aluminum Bushing Set With Locknut	33.53	11.87
		For Work In Restricted Working Space, Add	*8.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-1424	EA	3-1/2" Aluminum Bushing Set With Locknut	36.26	12.86
		For Work In Restricted Working Space, Add	*9.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.65*	
26 05 33 13-1425	EA	4" Aluminum Bushing Set With Locknut	39.55	13.85
		For Work In Restricted Working Space, Add	*10.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.39*	
26 05 33 13-1426	EA	5" Aluminum Bushing Set With Locknut	52.33	18.46
		For Work In Restricted Working Space, Add	*13.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.85*	
26 05 33 13-1427	EA	6" Aluminum Bushing Set With Locknut	77.71	27.71
		For Work In Restricted Working Space, Add	*20.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1428		**Schedule 40 Polyvinyl Chloride (PVC) Conduit** *(26 05 33 13-0041)* Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1429		**Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings** *(26 05 33 13-1428)* Note: Includes field bend conduit up to 1".		
26 05 33 13-1430	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	3.35	1.27
		For Schedule 60, Add	*0.20*	
		For Schedule 80, Add	*0.38*	
26 05 33 13-1431	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	3.72	1.40
		For Schedule 60, Add	*0.23*	
		For Schedule 80, Add	*0.43*	
26 05 33 13-1432	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	4.41	1.63
		For Schedule 60, Add	*0.29*	
		For Schedule 80, Add	*0.52*	
26 05 33 13-1433	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	5.09	1.86
		For Schedule 60, Add	*0.34*	
		For Schedule 80, Add	*0.62*	
26 05 33 13-1434	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	5.96	2.17
		For Schedule 60, Add	*0.40*	
		For Schedule 80, Add	*0.73*	
26 05 33 13-1435	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	6.90	2.48
		For Schedule 60, Add	*0.48*	
		For Schedule 80, Add	*0.86*	
26 05 33 13-1436	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	8.47	2.95
		For Schedule 60, Add	*0.64*	
		For Schedule 80, Add	*1.12*	
26 05 33 13-1437	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	9.84	3.42
		For Schedule 60, Add	*0.75*	
		For Schedule 80, Add	*1.31*	
26 05 33 13-1438	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	11.78	4.04
		For Schedule 60, Add	*0.92*	
		For Schedule 80, Add	*1.60*	
26 05 33 13-1439	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	14.26	4.98
		For Schedule 60, Add	*1.08*	
		For Schedule 80, Add	*1.88*	
26 05 33 13-1440	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	20.14	6.99
		For Schedule 60, Add	*1.54*	
		For Schedule 80, Add	*2.68*	
26 05 33 13-1441	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings	26.81	9.32
		For Schedule 60, Add	*2.04*	
		For Schedule 80, Add	*3.56*	
26 05 33 13-1442		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows** *(26 05 33 13-1428)* See CSI section 26 05 33 13-2208 for conduit field bending.		
26 05 33 13-1443	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	16.06	6.22
		For Schedule 60, Add	*0.91*	
		For Schedule 80, Add	*1.74*	
26 05 33 13-1444	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	17.69	6.84
		For Schedule 60, Add	*1.00*	
		For Schedule 80, Add	*1.92*	
26 05 33 13-1445	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	20.38	7.77
		For Schedule 60, Add	*1.21*	
		For Schedule 80, Add	*2.28*	
26 05 33 13-1446	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	26.25	9.95
		For Schedule 60, Add	*1.59*	
		For Schedule 80, Add	*2.97*	
26 05 33 13-1447	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	32.94	12.43
		For Schedule 60, Add	*2.02*	
		For Schedule 80, Add	*3.76*	
26 05 33 13-1448	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	41.34	15.54
		For Schedule 60, Add	*2.57*	
		For Schedule 80, Add	*4.76*	
26 05 33 13-1449	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	51.28	18.65
		For Schedule 60, Add	*3.50*	
		For Schedule 80, Add	*6.29*	
26 05 33 13-1450	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	62.24	21.75
		For Schedule 60, Add	*4.68*	
		For Schedule 80, Add	*8.18*	
26 05 33 13-1451	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	77.07	26.42
		For Schedule 60, Add	*6.06*	
		For Schedule 80, Add	*10.46*	
26 05 33 13-1452	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	91.90	31.08
		For Schedule 60, Add	*7.44*	
		For Schedule 80, Add	*12.74*	
26 05 33 13-1453	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	121.68	38.85
		For Schedule 60, Add	*10.99*	
		For Schedule 80, Add	*18.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1454	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	147.89	46.62
		For Schedule 60, Add	*13.66*	
		For Schedule 80, Add	*22.62*	

26 05 33 13-1455 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-1428)*

See CSI section 26 05 33 13-2208 for conduit field bending.

26 05 33 13-1456	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	15.95	6.22
		For Schedule 60, Add	*0.88*	
		For Schedule 80, Add	*1.70*	
26 05 33 13-1457	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	17.65	6.84
		For Schedule 60, Add	*0.99*	
		For Schedule 80, Add	*1.90*	
26 05 33 13-1458	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	20.32	7.77
		For Schedule 60, Add	*1.19*	
		For Schedule 80, Add	*2.25*	
26 05 33 13-1459	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	26.08	9.95
		For Schedule 60, Add	*1.55*	
		For Schedule 80, Add	*2.91*	
26 05 33 13-1460	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	32.57	12.43
		For Schedule 60, Add	*1.93*	
		For Schedule 80, Add	*3.63*	
26 05 33 13-1461	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	41.14	15.54
		For Schedule 60, Add	*2.52*	
		For Schedule 80, Add	*4.69*	
26 05 33 13-1462	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	50.91	18.65
		For Schedule 60, Add	*3.40*	
		For Schedule 80, Add	*6.16*	
26 05 33 13-1463	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	61.77	21.75
		For Schedule 60, Add	*4.56*	
		For Schedule 80, Add	*8.02*	
26 05 33 13-1464	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	75.75	26.42
		For Schedule 60, Add	*5.73*	
		For Schedule 80, Add	*10.00*	
26 05 33 13-1465	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	90.76	31.08
		For Schedule 60, Add	*7.15*	
		For Schedule 80, Add	*12.34*	
26 05 33 13-1466	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	120.21	38.85
		For Schedule 60, Add	*10.62*	
		For Schedule 80, Add	*17.79*	
26 05 33 13-1467	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2208 for conduit field bending.	143.50	46.62
		For Schedule 60, Add	*12.56*	
		For Schedule 80, Add	*21.09*	

26 05 33 13-1468 Polyvinyl Chloride (PVC) Conduit Adapters *(26 05 33 13-1428)*

26 05 33 13-1469	EA	1/2" Polyvinyl Chloride (PVC) Conduit Adapter	11.12	4.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.26*	
26 05 33 13-1470	EA	3/4" Polyvinyl Chloride (PVC) Conduit Adapter	12.74	4.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1471	EA	1" Polyvinyl Chloride (PVC) Conduit Adapter	14.41	5.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-1472	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter	16.13	6.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.66*	
26 05 33 13-1473	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter	20.05	7.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.83*	
26 05 33 13-1474	EA	2" Polyvinyl Chloride (PVC) Conduit Adapter	24.15	9.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-1475	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter	32.78	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1476	EA	3" Polyvinyl Chloride (PVC) Conduit Adapter	41.22	15.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	
26 05 33 13-1477	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter	53.54	20.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.15*	
26 05 33 13-1478	EA	4" Polyvinyl Chloride (PVC) Conduit Adapter	65.28	24.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.65*	
26 05 33 13-1479	EA	5" Polyvinyl Chloride (PVC) Conduit Adapter	83.82	31.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.31*	
26 05 33 13-1480	EA	6" Polyvinyl Chloride (PVC) Conduit Adapter	104.49	38.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.14*	

26 05 33 13-1481 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-1428)*

26 05 33 13-1482	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	11.41	3.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1483	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	13.08	4.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.26*	
26 05 33 13-1484	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	14.77	4.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1485	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	17.19	5.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-1486	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	19.10	6.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.66*	
26 05 33 13-1487	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	22.45	7.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-1488	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	25.21	8.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-1489	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	28.73	9.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-1490	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	33.85	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-1491	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	37.74	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1492	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	44.90	13.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 05 33 13-1493	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	50.06	15.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	

26 05 33 13-1494 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1428)*

26 05 33 13-1495	EA	1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter	12.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-1496	EA	3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter	14.64	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.30*	
26 05 33 13-1497	EA	1" Polyvinyl Chloride (PVC) Conduit Terminal Adapter	16.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.77*	
26 05 33 13-1498	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter	18.21	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.32*	

26 05 33 13-1499 Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover *(26 05 33 13-1428)*

26 05 33 13-1500	EA	1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	33.48	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1501	EA	3/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	38.34	13.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 05 33 13-1502	EA	1" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	42.56	15.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	
26 05 33 13-1503	EA	1-1/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	51.93	18.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.99*	
26 05 33 13-1504	EA	1-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	64.46	23.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.48*	
26 05 33 13-1505	EA	2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	80.89	27.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.98*	
26 05 33 13-1506	EA	2-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	119.89	31.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.31*	
26 05 33 13-1507	EA	3" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	129.09	34.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.64*	
26 05 33 13-1508	EA	3-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	142.14	38.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.14*	
26 05 33 13-1509	EA	4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	160.49	45.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.80*	

26 05 33 13-1510 Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover *(26 05 33 13-1428)*

26 05 33 13-1511	EA	1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	44.41	16.49
		For Schedule 60, Add	*2.86*	
		For Schedule 80, Add	*5.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 05 33 13-1512	EA	3/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	49.30	18.14
		For Schedule 60, Add	*3.26*	
		For Schedule 80, Add	*5.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-1513	EA	1" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	53.46	19.79
		For Schedule 60, Add	*3.47*	
		For Schedule 80, Add	*6.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.84*	
26 05 33 13-1514	EA	1-1/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	65.01	23.08
		For Schedule 60, Add	*4.71*	
		For Schedule 80, Add	*8.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-1515	EA	1-1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	78.65	28.04
		For Schedule 60, Add	*5.64*	
		For Schedule 80, Add	*10.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.03*	
26 05 33 13-1516	EA	2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover	94.85	32.98
		For Schedule 60, Add	*7.22*	
		For Schedule 80, Add	*12.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	

26 05 33 13-1517 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1428)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1518	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	59.72	15.54
26 05 33 13-1519	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	67.98	18.65
26 05 33 13-1520	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	76.57	21.75
26 05 33 13-1521	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	84.83	24.87
26 05 33 13-1522	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	92.93	27.97
26 05 33 13-1523	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	101.93	31.08
26 05 33 13-1524	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	122.21	35.75
26 05 33 13-1525	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	143.72	40.40
26 05 33 13-1526	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	167.47	46.62
26 05 33 13-1527	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	198.00	54.40
26 05 33 13-1528	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	253.51	65.27
26 05 33 13-1529	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	331.34	83.92

26 05 33 13-1530 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1428)*

26 05 33 13-1531	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	8.84	3.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.33*	
26 05 33 13-1532	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	10.50	3.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.80*	
26 05 33 13-1533	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	12.14	4.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.26*	
26 05 33 13-1534	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	14.25	4.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1535	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	16.37	5.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-1536	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	18.83	6.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.66*	
26 05 33 13-1537	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	25.05	7.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.36*	
26 05 33 13-1538	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	27.70	8.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-1539	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	34.00	9.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1540	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	39.72	9.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.23*	
26 05 33 13-1541	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	45.33	10.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-1542	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	55.90	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	

26 05 33 13-1543 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-1428)*

26 05 33 13-1544	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	88.71	27.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.98*	
26 05 33 13-1545	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	85.47	18.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.99*	
26 05 33 13-1546	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	196.85	31.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.31*	
26 05 33 13-1547	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	372.09	45.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.80*	

26 05 33 13-1548 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-0041)*

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1549 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1548)*

26 05 33 13-1550	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	4.81	1.27
26 05 33 13-1551	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	5.33	1.40
26 05 33 13-1552	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	6.01	1.61
26 05 33 13-1553	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	6.70	1.86
26 05 33 13-1554	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	7.64	2.17
26 05 33 13-1555	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	8.48	2.48
26 05 33 13-1556	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	10.09	2.95
26 05 33 13-1557	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.79	3.42
26 05 33 13-1558	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.77	4.04
26 05 33 13-1559	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	16.49	4.98
26 05 33 13-1560	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	22.57	6.99
26 05 33 13-1561	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	29.66	9.32

26 05 33 13-1562 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1548)*

26 05 33 13-1563	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	45.54	6.22
		For 24" Radius, Add	*3.03*	
		For 36" Radius, Add	*4.55*	
		For 48" Radius, Add	*6.08*	
26 05 33 13-1564	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	50.69	6.84
		For 24" Radius, Add	*3.37*	
		For 36" Radius, Add	*5.07*	
		For 48" Radius, Add	*6.76*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1565	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	53.36	7.77
		For 24" Radius, Add	*3.52*	
		For 36" Radius, Add	*5.34*	
		For 48" Radius, Add	*7.16*	
26 05 33 13-1566	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	59.13	9.95
		For 24" Radius, Add	*3.81*	
		For 36" Radius, Add	*5.91*	
		For 48" Radius, Add	*8.01*	
26 05 33 13-1567	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	65.68	12.43
		For 24" Radius, Add	*4.15*	
		For 36" Radius, Add	*6.57*	
		For 48" Radius, Add	*8.99*	
26 05 33 13-1568	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	78.22	15.54
		For 24" Radius, Add	*4.90*	
		For 36" Radius, Add	*7.82*	
		For 48" Radius, Add	*10.75*	
26 05 33 13-1569	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	93.74	18.65
		For 24" Radius, Add	*5.87*	
		For 36" Radius, Add	*9.37*	
		For 48" Radius, Add	*12.88*	
26 05 33 13-1570	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	110.95	21.75
		For 24" Radius, Add	*6.96*	
		For 36" Radius, Add	*11.10*	
		For 48" Radius, Add	*15.23*	
26 05 33 13-1571	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	129.67	26.42
		For 24" Radius, Add	*8.07*	
		For 36" Radius, Add	*12.97*	
		For 48" Radius, Add	*17.86*	
26 05 33 13-1572	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	148.38	31.08
		For 24" Radius, Add	*9.19*	
		For 36" Radius, Add	*14.84*	
		For 48" Radius, Add	*20.49*	
26 05 33 13-1573	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	185.50	38.85
		For 24" Radius, Add	*11.48*	
		For 36" Radius, Add	*18.55*	
		For 48" Radius, Add	*25.62*	
26 05 33 13-1574	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	227.00	46.62
		For 24" Radius, Add	*14.11*	
		For 36" Radius, Add	*22.70*	
		For 48" Radius, Add	*31.29*	

26 05 33 13-1575 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1548)*

26 05 33 13-1576	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	40.14	6.22
		For 24" Radius, Add	*2.62*	
		For 36" Radius, Add	*4.01*	
		For 48" Radius, Add	*5.41*	
26 05 33 13-1577	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	44.64	6.84
		For 24" Radius, Add	*2.92*	
		For 36" Radius, Add	*4.46*	
		For 48" Radius, Add	*6.01*	
26 05 33 13-1578	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	47.25	7.77
		For 24" Radius, Add	*3.06*	
		For 36" Radius, Add	*4.73*	
		For 48" Radius, Add	*6.39*	
26 05 33 13-1579	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	52.96	9.95
		For 24" Radius, Add	*3.35*	
		For 36" Radius, Add	*5.30*	
		For 48" Radius, Add	*7.24*	
26 05 33 13-1580	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	59.45	12.43
		For 24" Radius, Add	*3.68*	
		For 36" Radius, Add	*5.95*	
		For 48" Radius, Add	*8.21*	
26 05 33 13-1581	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	71.13	15.54
		For 24" Radius, Add	*4.36*	
		For 36" Radius, Add	*7.11*	
		For 48" Radius, Add	*9.86*	
26 05 33 13-1582	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	85.26	18.65
		For 24" Radius, Add	*5.23*	
		For 36" Radius, Add	*8.53*	
		For 48" Radius, Add	*11.82*	
26 05 33 13-1583	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	100.77	21.75
		For 24" Radius, Add	*6.20*	
		For 36" Radius, Add	*10.08*	
		For 48" Radius, Add	*13.96*	
26 05 33 13-1584	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	118.22	26.42
		For 24" Radius, Add	*7.22*	
		For 36" Radius, Add	*11.82*	
		For 48" Radius, Add	*16.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1585	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	135.66	31.08
		For 24" Radius, Add	*8.23*	
		For 36" Radius, Add	*13.57*	
		For 48" Radius, Add	*18.90*	
26 05 33 13-1586	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	169.59	38.85
		For 24" Radius, Add	*10.29*	
		For 36" Radius, Add	*16.96*	
		For 48" Radius, Add	*23.63*	
26 05 33 13-1587	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	207.12	46.62
		For 24" Radius, Add	*12.62*	
		For 36" Radius, Add	*20.71*	
		For 48" Radius, Add	*28.80*	

26 05 33 13-1588 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1548)*

26 05 33 13-1589	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	37.08	5.60
		For 24" Radius, Add	*2.43*	
		For 36" Radius, Add	*3.71*	
		For 48" Radius, Add	*4.98*	
26 05 33 13-1590	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	41.24	6.15
		For 24" Radius, Add	*2.71*	
		For 36" Radius, Add	*4.12*	
		For 48" Radius, Add	*5.54*	
26 05 33 13-1591	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	43.62	6.99
		For 24" Radius, Add	*2.83*	
		For 36" Radius, Add	*4.36*	
		For 48" Radius, Add	*5.89*	
26 05 33 13-1592	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	48.76	8.95
		For 24" Radius, Add	*3.10*	
		For 36" Radius, Add	*4.88*	
		For 48" Radius, Add	*6.65*	
26 05 33 13-1593	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	54.61	11.19
		For 24" Radius, Add	*3.40*	
		For 36" Radius, Add	*5.46*	
		For 48" Radius, Add	*7.53*	
26 05 33 13-1594	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	65.29	13.98
		For 24" Radius, Add	*4.02*	
		For 36" Radius, Add	*6.53*	
		For 48" Radius, Add	*9.04*	
26 05 33 13-1595	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	78.24	16.79
		For 24" Radius, Add	*4.82*	
		For 36" Radius, Add	*7.82*	
		For 48" Radius, Add	*10.83*	
26 05 33 13-1596	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	92.50	19.58
		For 24" Radius, Add	*5.71*	
		For 36" Radius, Add	*9.25*	
		For 48" Radius, Add	*12.79*	
26 05 33 13-1597	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	108.42	23.78
		For 24" Radius, Add	*6.65*	
		For 36" Radius, Add	*10.84*	
		For 48" Radius, Add	*15.04*	
26 05 33 13-1598	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	124.36	27.97
		For 24" Radius, Add	*7.58*	
		For 36" Radius, Add	*12.44*	
		For 48" Radius, Add	*17.29*	
26 05 33 13-1599	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	155.45	34.97
		For 24" Radius, Add	*9.47*	
		For 36" Radius, Add	*15.55*	
		For 48" Radius, Add	*21.62*	
26 05 33 13-1600	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	189.95	41.96
		For 24" Radius, Add	*11.62*	
		For 36" Radius, Add	*19.00*	
		For 48" Radius, Add	*26.37*	

26 05 33 13-1601 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1548)*

26 05 33 13-1602	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	35.58	5.60
		For 24" Radius, Add	*2.32*	
		For 36" Radius, Add	*3.56*	
		For 48" Radius, Add	*4.80*	
26 05 33 13-1603	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	39.56	6.15
		For 24" Radius, Add	*2.58*	
		For 36" Radius, Add	*3.96*	
		For 48" Radius, Add	*5.33*	
26 05 33 13-1604	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	41.92	6.99
		For 24" Radius, Add	*2.71*	
		For 36" Radius, Add	*4.19*	
		For 48" Radius, Add	*5.68*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1605	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	47.05	8.95
		For 24" Radius, Add	*2.97*	
		For 36" Radius, Add	*4.71*	
		For 48" Radius, Add	*6.44*	
26 05 33 13-1606	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	52.88	11.19
		For 24" Radius, Add	*3.27*	
		For 36" Radius, Add	*5.29*	
		For 48" Radius, Add	*7.31*	
26 05 33 13-1607	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	63.32	13.98
		For 24" Radius, Add	*3.87*	
		For 36" Radius, Add	*6.33*	
		For 48" Radius, Add	*8.79*	
26 05 33 13-1608	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	75.89	16.79
		For 24" Radius, Add	*4.64*	
		For 36" Radius, Add	*7.59*	
		For 48" Radius, Add	*10.54*	
26 05 33 13-1609	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	89.67	19.58
		For 24" Radius, Add	*5.50*	
		For 36" Radius, Add	*8.97*	
		For 48" Radius, Add	*12.43*	
26 05 33 13-1610	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	105.24	23.78
		For 24" Radius, Add	*6.41*	
		For 36" Radius, Add	*10.52*	
		For 48" Radius, Add	*14.64*	
26 05 33 13-1611	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	120.82	27.97
		For 24" Radius, Add	*7.31*	
		For 36" Radius, Add	*12.08*	
		For 48" Radius, Add	*16.85*	
26 05 33 13-1612	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	151.04	34.97
		For 24" Radius, Add	*9.14*	
		For 36" Radius, Add	*15.10*	
		For 48" Radius, Add	*21.07*	
26 05 33 13-1613	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	184.43	41.96
		For 24" Radius, Add	*11.21*	
		For 36" Radius, Add	*18.44*	
		For 48" Radius, Add	*25.68*	

26 05 33 13-1614 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1548)*

26 05 33 13-1615	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	23.30	4.35
26 05 33 13-1616	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	26.27	4.98
26 05 33 13-1617	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	27.96	5.60
26 05 33 13-1618	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	29.64	6.22
26 05 33 13-1619	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	33.81	7.77
26 05 33 13-1620	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	40.44	9.32
26 05 33 13-1621	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	51.70	12.43
26 05 33 13-1622	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	63.59	15.54
26 05 33 13-1623	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	78.34	20.20
26 05 33 13-1624	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	93.10	24.87
26 05 33 13-1625	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	116.35	31.08
26 05 33 13-1626	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	145.44	38.85

26 05 33 13-1627 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1548)*

26 05 33 13-1628	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	17.89	4.35
26 05 33 13-1629	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	20.22	4.98
26 05 33 13-1630	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	21.85	5.60
26 05 33 13-1631	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	23.49	6.22
26 05 33 13-1632	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	27.46	7.77
26 05 33 13-1633	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	31.39	9.32
26 05 33 13-1634	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	40.78	12.43
26 05 33 13-1635	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	50.49	15.54
26 05 33 13-1636	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	63.60	20.20
26 05 33 13-1637	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	76.72	24.87
26 05 33 13-1638	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	95.90	31.08
26 05 33 13-1639	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	119.88	38.85

26 05 33 13-1640 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1548)*

26 05 33 13-1641	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	19.59	3.58
26 05 33 13-1642	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	22.11	4.98
26 05 33 13-1643	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	23.77	5.60
26 05 33 13-1644	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	25.39	6.22
26 05 33 13-1645	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	29.50	7.77
26 05 33 13-1646	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	35.30	9.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1647	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	45.46	12.43
26 05 33 13-1648	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	56.11	15.54
26 05 33 13-1649	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	69.92	20.20
26 05 33 13-1650	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	83.74	24.87
26 05 33 13-1651	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	104.65	31.08
26 05 33 13-1652	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	130.84	38.85

26 05 33 13-1653 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-1548)*

26 05 33 13-1654	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	48.45	15.54
26 05 33 13-1655	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	57.27	18.65
26 05 33 13-1656	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	65.17	21.75
26 05 33 13-1657	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	73.01	24.87
26 05 33 13-1658	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	81.02	27.97
26 05 33 13-1659	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	90.89	31.08
26 05 33 13-1660	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	105.19	35.75
26 05 33 13-1661	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	120.02	40.40
26 05 33 13-1662	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	137.94	46.62
26 05 33 13-1663	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	159.74	54.40
26 05 33 13-1664	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	185.10	62.17
26 05 33 13-1665	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	211.95	69.93

26 05 33 13-1666 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-1548)*

26 05 33 13-1667	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	52.35	15.54
26 05 33 13-1668	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	61.64	18.65
26 05 33 13-1669	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	69.56	21.75
26 05 33 13-1670	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	77.45	24.87
26 05 33 13-1671	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	85.49	27.97
26 05 33 13-1672	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	96.01	31.08
26 05 33 13-1673	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	111.33	35.75
26 05 33 13-1674	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	127.39	40.40
26 05 33 13-1675	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	146.22	46.62
26 05 33 13-1676	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	168.95	54.40
26 05 33 13-1677	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	196.64	62.17
26 05 33 13-1678	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	226.38	69.93

26 05 33 13-1679 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-1548)*

26 05 33 13-1680	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	42.98	4.35
26 05 33 13-1681	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	48.09	4.98
26 05 33 13-1682	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	50.74	5.60
26 05 33 13-1683	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	53.44	6.22
26 05 33 13-1684	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	57.92	7.77
26 05 33 13-1685	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	65.46	9.32
26 05 33 13-1686	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	81.67	12.43
26 05 33 13-1687	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	99.52	15.54
26 05 33 13-1688	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	118.77	20.20
26 05 33 13-1689	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	138.01	24.87
26 05 33 13-1690	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	172.53	31.08
26 05 33 13-1691	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	214.95	38.85

26 05 33 13-1692 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-1548)*

26 05 33 13-1693	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	59.13	15.54
26 05 33 13-1694	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	69.16	18.65
26 05 33 13-1695	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	82.24	21.75
26 05 33 13-1696	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	99.71	24.87
26 05 33 13-1697	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	121.39	27.97
26 05 33 13-1698	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	153.96	31.08
26 05 33 13-1699	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	209.36	35.75
26 05 33 13-1700	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	249.82	40.40
26 05 33 13-1701	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	299.56	46.62
26 05 33 13-1702	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	353.19	54.40
26 05 33 13-1703	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	413.41	62.17
26 05 33 13-1704	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	612.84	69.93

26 05 33 13-1705 Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover *(26 05 33 13-1548)*

26 05 33 13-1706	EA	1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	49.03	12.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1707	EA	3/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	56.38	13.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 05 33 13-1708	EA	1" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	71.49	15.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1709	EA	1-1/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	86.94	18.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.99*	
26 05 33 13-1710	EA	1-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	110.12	23.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.48*	
26 05 33 13-1711	EA	2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	146.73	27.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.98*	
26 05 33 13-1712	EA	2-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	225.59	32.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.48*	
26 05 33 13-1713	EA	3" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	285.25	37.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.98*	
26 05 33 13-1714	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	341.58	43.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.63*	
26 05 33 13-1715	EA	4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	397.93	49.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.30*	
26 05 33 13-1716	EA	5" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	466.27	55.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.96*	
26 05 33 13-1717	EA	6" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	527.41	62.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.62*	

26 05 33 13-1718 Explosion Proof Conduit Fittings *(26 05 33 13-0041)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-1719 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1718)*

26 05 33 13-1720	EA	1/2" Explosion Proof Malleable Iron Conduit Union	31.51	6.86
26 05 33 13-1721	EA	3/4" Explosion Proof Malleable Iron Conduit Union	38.73	7.59
26 05 33 13-1722	EA	1" Explosion Proof Malleable Iron Conduit Union	61.15	10.12
26 05 33 13-1723	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	80.63	11.20
26 05 33 13-1724	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	101.40	13.73
26 05 33 13-1725	EA	2" Explosion Proof Malleable Iron Conduit Union	126.15	15.90
26 05 33 13-1726	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	191.77	22.73
26 05 33 13-1727	EA	3" Explosion Proof Malleable Iron Conduit Union	243.46	27.06
26 05 33 13-1728	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	406.90	32.47
26 05 33 13-1729	EA	4" Explosion Proof Malleable Iron Conduit Union	432.62	41.49

26 05 33 13-1730 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1718)*

26 05 33 13-1731	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	111.22	21.68
26 05 33 13-1732	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	125.38	24.57
26 05 33 13-1733	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	146.61	27.10
26 05 33 13-1734	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	125.85	27.10
26 05 33 13-1735	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	149.97	32.52
26 05 33 13-1736	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	177.31	37.21

26 05 33 13-1737 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1718)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-1738	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	92.01	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 05 33 13-1739	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	94.25	20.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.17*	
26 05 33 13-1740	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	102.88	22.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.53*	
26 05 33 13-1741	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	132.07	27.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.32*	
26 05 33 13-1742	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	168.24	31.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.84*	
26 05 33 13-1743	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	215.61	36.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.10*	
26 05 33 13-1744	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	307.34	54.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 05 33 13-1745	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	388.37	67.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.87*	
26 05 33 13-1746	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	545.80	74.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.00*	
26 05 33 13-1747	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	702.33	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.88*	

26 05 33 13-1748 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1718)*

26 05 33 13-1749	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	241.53	8.31
26 05 33 13-1750	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	315.83	9.39

26 05 33 13-1751 Conduit Installed Below Grade *(26 05 33 13-0040)*

Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-1752 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1751)*

26 05 33 13-1753 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial *(26 05 33 13-1752)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1754	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	2.68	
		For Schedule 60, Add	*0.17*	
		For Schedule 80, Add	*0.31*	
26 05 33 13-1755	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	2.94	
		For Schedule 60, Add	*0.19*	
		For Schedule 80, Add	*0.35*	
26 05 33 13-1756	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.24	
		For Schedule 60, Add	*0.23*	
		For Schedule 80, Add	*0.41*	
26 05 33 13-1757	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.53	
		For Schedule 60, Add	*0.26*	
		For Schedule 80, Add	*0.46*	
26 05 33 13-1758	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.83	
		For Schedule 60, Add	*0.30*	
		For Schedule 80, Add	*0.51*	
26 05 33 13-1759	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	4.18	
		For Schedule 60, Add	*0.35*	
		For Schedule 80, Add	*0.59*	
26 05 33 13-1760	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	4.79	
		For Schedule 60, Add	*0.46*	
		For Schedule 80, Add	*0.75*	
26 05 33 13-1761	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	5.19	
		For Schedule 60, Add	*0.52*	
		For Schedule 80, Add	*0.84*	
26 05 33 13-1762	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	5.75	
		For Schedule 60, Add	*0.62*	
		For Schedule 80, Add	*0.99*	
26 05 33 13-1763	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	6.11	
		For Schedule 60, Add	*0.67*	
		For Schedule 80, Add	*1.07*	
26 05 33 13-1764	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	7.12	
		For Schedule 60, Add	*0.89*	
		For Schedule 80, Add	*1.37*	
26 05 33 13-1765	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	8.16	
		For Schedule 60, Add	*1.11*	
		For Schedule 80, Add	*1.69*	

26 05 33 13-1766 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1752)*

See CSI section 26 05 33 13-2208 for conduit field bending.

26 05 33 13-1767	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	19.95	
		For Schedule 60, Add	*1.10*	
		For Schedule 80, Add	*2.13*	
26 05 33 13-1768	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	23.90	
		For Schedule 60, Add	*1.31*	
		For Schedule 80, Add	*2.54*	
26 05 33 13-1769	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	28.14	
		For Schedule 60, Add	*1.60*	
		For Schedule 80, Add	*3.05*	
26 05 33 13-1770	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	32.46	
		For Schedule 60, Add	*1.90*	
		For Schedule 80, Add	*3.59*	
26 05 33 13-1771	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	36.83	
		For Schedule 60, Add	*2.21*	
		For Schedule 80, Add	*4.15*	
26 05 33 13-1772	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	41.34	
		For Schedule 60, Add	*2.57*	
		For Schedule 80, Add	*4.76*	
26 05 33 13-1773	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	47.40	
		For Schedule 60, Add	*3.30*	
		For Schedule 80, Add	*5.91*	
26 05 33 13-1774	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	54.46	
		For Schedule 60, Add	*4.29*	
		For Schedule 80, Add	*7.41*	
26 05 33 13-1775	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	65.42	
		For Schedule 60, Add	*5.48*	
		For Schedule 80, Add	*9.30*	
26 05 33 13-1776	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	76.37	
		For Schedule 60, Add	*6.66*	
		For Schedule 80, Add	*11.19*	
26 05 33 13-1777	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	94.47	
		For Schedule 60, Add	*9.63*	
		For Schedule 80, Add	*15.58*	
26 05 33 13-1778	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	109.03	
		For Schedule 60, Add	*11.72*	
		For Schedule 80, Add	*18.74*	

26 05 33 13-1779 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1752)*

See CSI section 26 05 33 13-2208 for conduit field bending.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1780	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	19.84	
		For Schedule 60, Add	*1.07*	
		For Schedule 80, Add	*2.09*	
26 05 33 13-1781	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	23.86	
		For Schedule 60, Add	*1.30*	
		For Schedule 80, Add	*2.52*	
26 05 33 13-1782	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	28.08	
		For Schedule 60, Add	*1.58*	
		For Schedule 80, Add	*3.03*	
26 05 33 13-1783	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	32.29	
		For Schedule 60, Add	*1.86*	
		For Schedule 80, Add	*3.53*	
26 05 33 13-1784	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	36.46	
		For Schedule 60, Add	*2.12*	
		For Schedule 80, Add	*4.02*	
26 05 33 13-1785	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	41.14	
		For Schedule 60, Add	*2.52*	
		For Schedule 80, Add	*4.69*	
26 05 33 13-1786	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	47.03	
		For Schedule 60, Add	*3.21*	
		For Schedule 80, Add	*5.78*	
26 05 33 13-1787	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	53.99	
		For Schedule 60, Add	*4.17*	
		For Schedule 80, Add	*7.24*	
26 05 33 13-1788	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	64.10	
		For Schedule 60, Add	*5.15*	
		For Schedule 80, Add	*8.84*	
26 05 33 13-1789	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	75.23	
		For Schedule 60, Add	*6.37*	
		For Schedule 80, Add	*10.79*	
26 05 33 13-1790	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	93.00	
		For Schedule 60, Add	*9.26*	
		For Schedule 80, Add	*15.07*	
26 05 33 13-1791	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	104.64	
		For Schedule 60, Add	*10.62*	
		For Schedule 80, Add	*17.20*	

26 05 33 13-1792 Polyvinyl Chloride (PVC) Conduit Adapters, Direct Burial *(26 05 33 13-1752)*

26 05 33 13-1793	EA	1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	11.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.26*	
26 05 33 13-1794	EA	3/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	12.74	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.73*	
26 05 33 13-1795	EA	1" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	14.41	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-1796	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	16.13	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.66*	
26 05 33 13-1797	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	17.72	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.13*	
26 05 33 13-1798	EA	2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	19.49	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.60*	
26 05 33 13-1799	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	22.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 33 13-1800	EA	3" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	25.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-1801	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	30.22	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.16*	
26 05 33 13-1802	EA	4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	34.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.32*	
26 05 33 13-1803	EA	5" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	41.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 05 33 13-1804	EA	6" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	46.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.66*	

26 05 33 13-1805 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1752)*

26 05 33 13-1806	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	18.75	
26 05 33 13-1807	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.66	
26 05 33 13-1808	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	23.23	
26 05 33 13-1809	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	25.99	
26 05 33 13-1810	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	28.73	
26 05 33 13-1811	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	33.85	
26 05 33 13-1812	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	37.74	
26 05 33 13-1813	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	44.90	
26 05 33 13-1814	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	50.06	

26 05 33 13-1815 Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial *(26 05 33 13-1752)*

26 05 33 13-1816	EA	1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	11.07	
26 05 33 13-1817	EA	3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	12.74	
26 05 33 13-1818	EA	1" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	14.35	
26 05 33 13-1819	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	16.03	
26 05 33 13-1820	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	17.63	
26 05 33 13-1821	EA	2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	19.37	
26 05 33 13-1822	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	22.43	
26 05 33 13-1823	EA	3" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	25.33	
26 05 33 13-1824	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	29.77	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1825	EA	4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	33.73	
26 05 33 13-1826	EA	5" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	40.19	
26 05 33 13-1827	EA	6" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	45.11	

26 05 33 13-1828 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1751)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1829 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1828)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-1830	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	9.84	1.73
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000, Deduct	*-0.87*	
26 05 33 13-1831	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.10	2.15
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.71*	
		For >1,000, Deduct	*-0.99*	
26 05 33 13-1832	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	13.74	2.40
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.23*	
26 05 33 13-1833	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	16.71	3.22
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.51*	
26 05 33 13-1834	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.71	3.63
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.29*	
		For >1,000, Deduct	*-1.79*	
26 05 33 13-1835	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	25.08	3.96
		For >250 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.28*	
26 05 33 13-1836	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	36.65	5.93
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.36*	
26 05 33 13-1837	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	47.10	7.42
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000, Deduct	*-4.30*	
26 05 33 13-1838	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	58.06	7.83
		For >250 To 500, Deduct	*-2.39*	
		For >500 To 1,000, Deduct	*-3.84*	
		For >1,000, Deduct	*-5.29*	
26 05 33 13-1839	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	68.89	8.66
		For >250 To 500, Deduct	*-2.83*	
		For >500 To 1,000, Deduct	*-4.55*	
		For >1,000, Deduct	*-6.27*	
26 05 33 13-1840	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	109.56	11.96
		For >250 To 500, Deduct	*-4.69*	
		For >500 To 1,000, Deduct	*-7.43*	
		For >1,000, Deduct	*-10.17*	
26 05 33 13-1841	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	146.78	15.67
		For >250 To 500, Deduct	*-6.35*	
		For >500 To 1,000, Deduct	*-10.02*	
		For >1,000, Deduct	*-13.69*	

26 05 33 13-1842 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1828)*

26 05 33 13-1843	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	10.56	2.48
26 05 33 13-1844	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.48	3.30
26 05 33 13-1845	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	15.88	4.12
26 05 33 13-1846	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	17.97	4.53
26 05 33 13-1847	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	21.30	5.36
26 05 33 13-1848	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	27.86	6.18
26 05 33 13-1849	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	53.17	7.42
26 05 33 13-1850	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	67.17	10.30
26 05 33 13-1851	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	83.64	11.96
26 05 33 13-1852	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	102.81	16.49
26 05 33 13-1853	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	272.90	22.67
26 05 33 13-1854	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	279.75	12.78

26 05 33 13-1855 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1828)*

Note: 90, 45, or 30 degree.

26 05 33 13-1856	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	40.28	10.30
26 05 33 13-1857	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	45.98	12.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1858	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	54.74	15.67
26 05 33 13-1859	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	65.05	18.14
26 05 33 13-1860	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	76.59	20.61
26 05 33 13-1861	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	94.70	22.67
26 05 33 13-1862	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	149.85	28.45
26 05 33 13-1863	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	226.07	38.75
26 05 33 13-1864	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	282.34	43.69
26 05 33 13-1865	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	319.85	56.88
26 05 33 13-1866	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	682.10	92.75
26 05 33 13-1867	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,076.90	139.34
26 05 33 13-1868		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1869	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	101.09	15.67
26 05 33 13-1870	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	113.45	18.14
26 05 33 13-1871	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	129.57	20.61
26 05 33 13-1872	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	155.83	22.67
26 05 33 13-1873	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	219.05	28.45
26 05 33 13-1874		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1875	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	113.63	15.67
26 05 33 13-1876	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	134.16	18.14
26 05 33 13-1877	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	144.42	20.61
26 05 33 13-1878	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	188.22	22.67
26 05 33 13-1879	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	250.28	28.45
26 05 33 13-1880	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	318.68	38.75
26 05 33 13-1881		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1882	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	128.62	15.67
26 05 33 13-1883	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	144.95	18.14
26 05 33 13-1884	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	163.48	20.61
26 05 33 13-1885	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	198.96	22.67
26 05 33 13-1886	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	286.16	28.45
26 05 33 13-1887	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	360.80	38.75
26 05 33 13-1888	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	458.77	43.69
26 05 33 13-1889	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	512.06	56.88
26 05 33 13-1890		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1891	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	154.51	15.67
26 05 33 13-1892	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	170.27	18.14
26 05 33 13-1893	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	192.23	20.61
26 05 33 13-1894	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	240.36	22.67
26 05 33 13-1895	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	350.38	28.45
26 05 33 13-1896	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	432.18	38.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1897	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	502.35	43.69
26 05 33 13-1898	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	592.07	56.88
26 05 33 13-1899		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial *(26 05 33 13-1828)*		
26 05 33 13-1900	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	174.65	15.67
26 05 33 13-1901	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	193.84	18.14
26 05 33 13-1902	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	220.52	20.61
26 05 33 13-1903	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	276.40	22.67
26 05 33 13-1904	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	385.42	28.45
26 05 33 13-1905	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	489.27	38.75
26 05 33 13-1906	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	608.32	43.69
26 05 33 13-1907	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	665.51	56.88
26 05 33 13-1908	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,110.86	92.75
26 05 33 13-1909		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial *(26 05 33 13-1828)*		
26 05 33 13-1910	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	200.99	15.67
26 05 33 13-1911	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	222.32	18.14
26 05 33 13-1912	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	251.54	20.61
26 05 33 13-1913	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	316.37	22.67
26 05 33 13-1914	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	443.81	28.45
26 05 33 13-1915	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	562.01	38.75
26 05 33 13-1916	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	661.41	43.69
26 05 33 13-1917	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	760.32	56.88
26 05 33 13-1918	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,177.31	92.75
26 05 33 13-1919	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,601.95	139.34
26 05 33 13-1920		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1828)*		
26 05 33 13-1921	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	237.67	15.67
26 05 33 13-1922	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	247.71	18.14
26 05 33 13-1923	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	293.06	20.61
26 05 33 13-1924	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	372.01	22.67
26 05 33 13-1925	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	522.55	28.45
26 05 33 13-1926	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	660.07	38.75
26 05 33 13-1927	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	809.02	43.69
26 05 33 13-1928	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	944.77	56.88
26 05 33 13-1929	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,394.05	92.75
26 05 33 13-1930	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,701.44	139.34
26 05 33 13-1931		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1828)*		
26 05 33 13-1932	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	246.50	15.67
26 05 33 13-1933	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	290.65	18.14
26 05 33 13-1934	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	328.96	20.61
26 05 33 13-1935	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	388.74	22.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1936	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	542.22	28.45
26 05 33 13-1937	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	690.23	38.75
26 05 33 13-1938	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	889.42	43.69
26 05 33 13-1939	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	986.60	56.88
26 05 33 13-1940	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,452.28	92.75
26 05 33 13-1941	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,751.99	139.34
26 05 33 13-1942		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1943	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	79.22	10.30
26 05 33 13-1944	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	85.24	12.78
26 05 33 13-1945	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	111.34	15.67
26 05 33 13-1946	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	165.04	18.14
26 05 33 13-1947	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	196.54	20.61
26 05 33 13-1948	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	252.33	22.67
26 05 33 13-1949	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	337.09	28.45
26 05 33 13-1950	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	443.19	28.45
26 05 33 13-1951	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	566.60	43.69
26 05 33 13-1952	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	729.08	56.88
26 05 33 13-1953	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,335.57	92.75
26 05 33 13-1954	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,648.39	139.34
26 05 33 13-1955		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1956	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	81.20	10.30
26 05 33 13-1957	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	92.78	12.78
26 05 33 13-1958	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	115.36	15.67
26 05 33 13-1959	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	172.42	18.14
26 05 33 13-1960	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	206.78	20.61
26 05 33 13-1961	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	274.45	22.67
26 05 33 13-1962	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	384.42	28.45
26 05 33 13-1963	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	491.32	28.45
26 05 33 13-1964	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	653.60	43.69
26 05 33 13-1965	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	815.76	56.88
26 05 33 13-1966	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,494.47	92.75
26 05 33 13-1967	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,904.97	139.34
26 05 33 13-1968		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial** *(26 05 33 13-1828)*		
26 05 33 13-1969	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	26.51	4.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-1970	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	29.31	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1971	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.54	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1972	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.12	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1973	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.31	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1974	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	29.48	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-1975	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.58	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1976	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.84	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1977	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.55	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1978	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.93	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1979	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.54	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-1980	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	29.64	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-1981	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.74	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1982	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.13	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1983	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.86	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1984	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.25	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1985	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.35	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-1986	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.79	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-1987	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.90	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1988	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.45	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1989	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.18	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1990	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.70	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1991	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.90	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-1992	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	75.36	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-1993	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	96.66	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-1994	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.95	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-1995	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.19	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-1996	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.77	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-1997	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.50	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-1998	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.16	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-1999	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.44	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2000	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	77.61	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2001	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	101.50	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-2002	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	121.95	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2003	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	140.61	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	

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26 05 33 13-2004	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	32.25	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-2005	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.51	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2006	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.11	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2007	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.11	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2008	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.79	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2009	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.83	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2010	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.55	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2011	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	108.74	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-2012	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	123.49	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2013	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	144.74	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-2014	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	214.99	39.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-2015	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	32.82	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-2016	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.08	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2017	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.72	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2018	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.24	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2019	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.15	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2020	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.21	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2021	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	95.64	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2022	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	118.37	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-2023	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	132.17	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2024	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	159.37	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-2025	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	236.86	39.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-2026	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.70	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-2027	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.94	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2028	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.08	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2029	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.54	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2030	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.93	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2031	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	64.98	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2032	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	106.81	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2033	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	131.54	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	

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26 05 33 13-2034	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	153.88	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2035	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	181.33	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-2036	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	251.84	39.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-2037	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.63	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-2038	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.85	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2039	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.42	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2040	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.63	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2041	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.51	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2042	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	74.93	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2043	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	118.62	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2044	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	148.41	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-2045	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	176.68	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2046	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	219.75	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-2047	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	281.75	39.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	
26 05 33 13-2048	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.59	5.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.22*	
26 05 33 13-2049	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.92	6.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2050	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.83	7.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2051	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.35	9.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2052	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	68.48	10.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2053	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	82.92	11.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	
26 05 33 13-2054	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	134.38	14.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.41*	
26 05 33 13-2055	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	173.71	19.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-2056	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	190.67	21.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.11*	
26 05 33 13-2057	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	231.54	28.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.06*	
26 05 33 13-2058	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	286.02	39.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.50*	

26 05 33 13-2059 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1751)*

Note: Direct burial or encased application.

26 05 33 13-2060 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2059)*

26 05 33 13-2061	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	4.14	1.01
		For Work In Restricted Working Space, Add	*0.76*	
26 05 33 13-2062	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	4.55	1.09
		For Work In Restricted Working Space, Add	*0.82*	
26 05 33 13-2063	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	4.84	1.16
		For Work In Restricted Working Space, Add	*0.87*	
26 05 33 13-2064	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.14	1.24
		For Work In Restricted Working Space, Add	*0.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2065	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.51	1.32
		For Work In Restricted Working Space, Add	*0.99*	
26 05 33 13-2066	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.76	1.40
		For Work In Restricted Working Space, Add	*1.05*	
26 05 33 13-2067	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	6.41	1.47
		For Work In Restricted Working Space, Add	*1.11*	
26 05 33 13-2068	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	7.14	1.55
		For Work In Restricted Working Space, Add	*1.17*	
26 05 33 13-2069	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	7.74	1.63
		For Work In Restricted Working Space, Add	*1.22*	
26 05 33 13-2070	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.34	1.71
		For Work In Restricted Working Space, Add	*1.28*	
26 05 33 13-2071	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.55	1.78
		For Work In Restricted Working Space, Add	*1.34*	
26 05 33 13-2072	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.01	1.86
		For Work In Restricted Working Space, Add	*1.40*	

26 05 33 13-2073 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2059)*

26 05 33 13-2074	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	49.43	7.77
		For Work In Restricted Working Space, Add	*5.83*	
		For 24" Radius, Add	*3.22*	
		For 36" Radius, Add	*4.94*	
		For 48" Radius, Add	*6.66*	
26 05 33 13-2075	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	56.90	9.32
		For Work In Restricted Working Space, Add	*6.99*	
		For 24" Radius, Add	*3.68*	
		For 36" Radius, Add	*5.69*	
		For 48" Radius, Add	*7.70*	
26 05 33 13-2076	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	61.12	10.88
		For Work In Restricted Working Space, Add	*8.16*	
		For 24" Radius, Add	*3.90*	
		For 36" Radius, Add	*6.11*	
		For 48" Radius, Add	*8.32*	
26 05 33 13-2077	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	65.34	12.43
		For Work In Restricted Working Space, Add	*9.32*	
		For 24" Radius, Add	*4.12*	
		For 36" Radius, Add	*6.53*	
		For 48" Radius, Add	*8.94*	
26 05 33 13-2078	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	69.57	13.98
		For Work In Restricted Working Space, Add	*10.49*	
		For 24" Radius, Add	*4.34*	
		For 36" Radius, Add	*6.96*	
		For 48" Radius, Add	*9.57*	
26 05 33 13-2079	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	78.22	15.54
		For Work In Restricted Working Space, Add	*11.66*	
		For 24" Radius, Add	*4.90*	
		For 36" Radius, Add	*7.82*	
		For 48" Radius, Add	*10.75*	
26 05 33 13-2080	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	89.86	17.10
		For Work In Restricted Working Space, Add	*12.82*	
		For 24" Radius, Add	*5.67*	
		For 36" Radius, Add	*8.99*	
		For 48" Radius, Add	*12.30*	
26 05 33 13-2081	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	103.17	18.65
		For Work In Restricted Working Space, Add	*13.99*	
		For 24" Radius, Add	*6.57*	
		For 36" Radius, Add	*10.32*	
		For 48" Radius, Add	*14.06*	
26 05 33 13-2082	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	118.02	21.75
		For Work In Restricted Working Space, Add	*16.32*	
		For 24" Radius, Add	*7.49*	
		For 36" Radius, Add	*11.80*	
		For 48" Radius, Add	*16.11*	
26 05 33 13-2083	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	132.85	27.97
		For Work In Restricted Working Space, Add	*18.65*	
		For 24" Radius, Add	*8.41*	
		For 36" Radius, Add	*13.29*	
		For 48" Radius, Add	*18.16*	
26 05 33 13-2084	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	158.29	27.97
		For Work In Restricted Working Space, Add	*20.98*	
		For 24" Radius, Add	*10.12*	
		For 36" Radius, Add	*15.83*	
		For 48" Radius, Add	*21.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2085	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	188.14	31.08
		For Work In Restricted Working Space, Add	*23.31*	
		For 24" Radius, Add	*12.17*	
		For 36" Radius, Add	*18.81*	
		For 48" Radius, Add	*25.46*	

26 05 33 13-2086 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2059)*

26 05 33 13-2087	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	23.30	4.35
		For Work In Restricted Working Space, Add	*3.26*	
26 05 33 13-2088	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	26.27	4.98
		For Work In Restricted Working Space, Add	*3.73*	
26 05 33 13-2089	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	27.96	5.60
		For Work In Restricted Working Space, Add	*4.19*	
26 05 33 13-2090	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	29.64	6.22
		For Work In Restricted Working Space, Add	*4.66*	
26 05 33 13-2091	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	31.48	6.84
		For Work In Restricted Working Space, Add	*5.13*	
26 05 33 13-2092	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	35.78	7.46
		For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-2093	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	41.60	8.39
		For Work In Restricted Working Space, Add	*6.29*	
26 05 33 13-2094	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	48.05	9.32
		For Work In Restricted Working Space, Add	*6.99*	
26 05 33 13-2095	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	55.02	10.88
		For Work In Restricted Working Space, Add	*8.16*	
26 05 33 13-2096	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	62.01	12.43
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2097	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	73.62	13.98
		For Work In Restricted Working Space, Add	*10.49*	
26 05 33 13-2098	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	87.15	15.54
		For Work In Restricted Working Space, Add	*11.66*	

26 05 33 13-2099 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2059)*

26 05 33 13-2100	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	17.89	4.35
		For Work In Restricted Working Space, Add	*3.26*	
26 05 33 13-2101	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	20.22	4.98
		For Work In Restricted Working Space, Add	*3.73*	
26 05 33 13-2102	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	21.85	5.60
		For Work In Restricted Working Space, Add	*4.19*	
26 05 33 13-2103	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	23.49	6.22
		For Work In Restricted Working Space, Add	*4.66*	
26 05 33 13-2104	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	25.13	6.84
		For Work In Restricted Working Space, Add	*5.13*	
26 05 33 13-2105	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	26.73	7.46
		For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-2106	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	30.68	8.39
		For Work In Restricted Working Space, Add	*6.29*	
26 05 33 13-2107	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	34.95	9.32
		For Work In Restricted Working Space, Add	*6.99*	
26 05 33 13-2108	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	40.28	10.88
		For Work In Restricted Working Space, Add	*8.16*	
26 05 33 13-2109	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.63	12.43
		For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2110	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	53.17	13.98
		For Work In Restricted Working Space, Add	*10.49*	
26 05 33 13-2111	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	61.59	15.54
		For Work In Restricted Working Space, Add	*11.66*	

26 05 33 13-2112 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2059)*

26 05 33 13-2113	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	14.93	2.48
		For Work In Restricted Working Space, Add	*1.87*	
26 05 33 13-2114	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	16.67	2.79
		For Work In Restricted Working Space, Add	*2.10*	
26 05 33 13-2115	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	17.56	3.10
		For Work In Restricted Working Space, Add	*2.33*	
26 05 33 13-2116	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	18.39	3.42
		For Work In Restricted Working Space, Add	*2.56*	
26 05 33 13-2117	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	19.39	3.73
		For Work In Restricted Working Space, Add	*2.80*	
26 05 33 13-2118	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	22.87	4.35
		For Work In Restricted Working Space, Add	*3.26*	
26 05 33 13-2119	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	27.59	5.29
		For Work In Restricted Working Space, Add	*3.96*	
26 05 33 13-2120	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	32.80	6.22
		For Work In Restricted Working Space, Add	*4.66*	

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	CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2121	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	38.84	7.77
			For Work In Restricted Working Space, Add	*5.83*	
26 05 33 13-2122	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	44.88	9.32
			For Work In Restricted Working Space, Add	*6.99*	
26 05 33 13-2123	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	54.14	10.88
			For Work In Restricted Working Space, Add	*8.16*	
26 05 33 13-2124	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	64.78	12.43
			For Work In Restricted Working Space, Add	*9.32*	

26 05 33 13-2125 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2059)*

26 05 33 13-2126	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	48.45	15.54
			For Work In Restricted Working Space, Add	*11.66*	
26 05 33 13-2127	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	57.27	18.65
			For Work In Restricted Working Space, Add	*13.99*	
26 05 33 13-2128	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	65.17	21.75
			For Work In Restricted Working Space, Add	*16.32*	
26 05 33 13-2129	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	73.01	24.87
			For Work In Restricted Working Space, Add	*18.65*	
26 05 33 13-2130	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	77.14	26.42
			For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-2131	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	83.12	27.97
			For Work In Restricted Working Space, Add	*20.98*	
26 05 33 13-2132	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	89.65	29.53
			For Work In Restricted Working Space, Add	*22.15*	
26 05 33 13-2133	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	96.70	31.08
			For Work In Restricted Working Space, Add	*23.31*	
26 05 33 13-2134	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	102.97	32.63
			For Work In Restricted Working Space, Add	*24.48*	
26 05 33 13-2135	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	109.23	34.19
			For Work In Restricted Working Space, Add	*25.64*	
26 05 33 13-2136	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	119.05	35.75
			For Work In Restricted Working Space, Add	*26.81*	
26 05 33 13-2137	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	130.36	37.30
			For Work In Restricted Working Space, Add	*27.98*	

26 05 33 13-2138 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2059)*

26 05 33 13-2139	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	52.35	15.54
			For Work In Restricted Working Space, Add	*11.66*	
26 05 33 13-2140	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	61.64	18.65
			For Work In Restricted Working Space, Add	*13.99*	
26 05 33 13-2141	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	69.56	21.75
			For Work In Restricted Working Space, Add	*16.32*	
26 05 33 13-2142	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	77.45	24.87
			For Work In Restricted Working Space, Add	*18.65*	
26 05 33 13-2143	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	81.61	26.42
			For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-2144	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	88.24	27.97
			For Work In Restricted Working Space, Add	*20.98*	
26 05 33 13-2145	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	95.79	29.53
			For Work In Restricted Working Space, Add	*22.15*	
26 05 33 13-2146	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	104.07	31.08
			For Work In Restricted Working Space, Add	*23.31*	
26 05 33 13-2147	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	111.25	32.63
			For Work In Restricted Working Space, Add	*24.48*	
26 05 33 13-2148	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	118.44	34.19
			For Work In Restricted Working Space, Add	*25.64*	
26 05 33 13-2149	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	130.59	35.75
			For Work In Restricted Working Space, Add	*26.81*	
26 05 33 13-2150	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	144.79	37.30
			For Work In Restricted Working Space, Add	*27.98*	

26 05 33 13-2151 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-2059)*

26 05 33 13-2152	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	42.98	4.35
			For Work In Restricted Working Space, Add	*3.26*	
26 05 33 13-2153	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	48.09	4.98
			For Work In Restricted Working Space, Add	*3.73*	
26 05 33 13-2154	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	50.74	5.60
			For Work In Restricted Working Space, Add	*4.19*	
26 05 33 13-2155	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	53.44	6.22
			For Work In Restricted Working Space, Add	*4.66*	
26 05 33 13-2156	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	55.59	6.84
			For Work In Restricted Working Space, Add	*5.13*	
26 05 33 13-2157	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	60.80	7.46
			For Work In Restricted Working Space, Add	*5.60*	
26 05 33 13-2158	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	71.57	8.39
			For Work In Restricted Working Space, Add	*6.29*	
26 05 33 13-2159	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	83.98	9.32
			For Work In Restricted Working Space, Add	*6.99*	
26 05 33 13-2160	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	106.92	12.43
			For Work In Restricted Working Space, Add	*9.32*	
26 05 33 13-2161	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	129.80	13.98
			For Work In Restricted Working Space, Add	*10.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2162	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	156.66	15.54
		For Work In Restricted Working Space, Add	*11.66*	

26 05 33 13-2163 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2059)*

26 05 33 13-2164	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	59.13	15.54
		For Work In Restricted Working Space, Add	*11.66*	
26 05 33 13-2165	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	69.16	18.65
		For Work In Restricted Working Space, Add	*13.99*	
26 05 33 13-2166	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	82.24	21.75
		For Work In Restricted Working Space, Add	*16.32*	
26 05 33 13-2167	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	99.71	24.87
		For Work In Restricted Working Space, Add	*18.65*	
26 05 33 13-2168	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	117.51	26.42
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-2169	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	146.19	27.97
		For Work In Restricted Working Space, Add	*20.98*	
26 05 33 13-2170	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	193.82	29.53
		For Work In Restricted Working Space, Add	*22.15*	
26 05 33 13-2171	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	226.50	31.08
		For Work In Restricted Working Space, Add	*23.31*	
26 05 33 13-2172	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	264.59	32.63
		For Work In Restricted Working Space, Add	*24.48*	
26 05 33 13-2173	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	302.68	34.19
		For Work In Restricted Working Space, Add	*25.64*	
26 05 33 13-2174	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	347.36	35.75
		For Work In Restricted Working Space, Add	*26.81*	
26 05 33 13-2175	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	531.25	37.30
		For Work In Restricted Working Space, Add	*27.98*	

26 05 33 13-2176 Spacers *(26 05 33 13-1751)*

Note: For concrete encasement applications. See CSI section 03 31 13 00-0045 for concrete., 26 05 33 13-1751 for conduit.

26 05 33 13-2177	EA	1" Base Spacers, Average 4" Wide, Direct Burial	7.86
26 05 33 13-2178	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	8.50
26 05 33 13-2179	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	9.40
26 05 33 13-2180	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	10.17
26 05 33 13-2181	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	9.46
26 05 33 13-2182	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	10.21
26 05 33 13-2183	EA	2" Base Spacer, Average 4" Wide, Direct Burial	11.84
26 05 33 13-2184	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	10.99
26 05 33 13-2185	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	13.11
26 05 33 13-2186	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	12.67
26 05 33 13-2187	EA	3" Base Spacer, Average 4" Wide, Direct Burial	15.05
26 05 33 13-2188	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	14.33
26 05 33 13-2189	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	16.30
26 05 33 13-2190	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.56
26 05 33 13-2191	EA	4" Base Spacer, Average 4" Wide, Direct Burial	16.77
26 05 33 13-2192	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	16.00
26 05 33 13-2193	EA	5" Base Spacer, Average 4" Wide, Direct Burial	18.54
26 05 33 13-2194	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	17.62
26 05 33 13-2195	EA	6" Base Spacer, Average 4" Wide, Direct Burial	20.63
26 05 33 13-2196	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	19.87

26 05 33 13-2197 Conduit Field Bending *(26 05 33 13-0040)*

26 05 33 13-2198 Metallic Conduit Field Bending *(26 05 33 13-2197)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2199	EA	1-1/4" Metallic Conduit Field Bending	13.88
26 05 33 13-2200	EA	1-1/2" Metallic Conduit Field Bending	18.52
26 05 33 13-2201	EA	2" Metallic Conduit Field Bending	23.14
26 05 33 13-2202	EA	2-1/2" Metallic Conduit Field Bending	32.40
26 05 33 13-2203	EA	3" Metallic Conduit Field Bending	41.65
26 05 33 13-2204	EA	3-1/2" Metallic Conduit Field Bending	50.92
26 05 33 13-2205	EA	4" Metallic Conduit Field Bending	60.17
26 05 33 13-2206	EA	5" Metallic Conduit Field Bending	74.05
26 05 33 13-2207	EA	6" Metallic Conduit Field Bending	87.94

26 05 33 13-2208 Plastic Conduit Field Bending *(26 05 33 13-2197)*

Note: For PVC conduits.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2209	EA	1" Plastic Conduit Field Bending	21.29	
26 05 33 13-2210	EA	1-1/4" Plastic Conduit Field Bending	23.14	
26 05 33 13-2211	EA	1-1/2" Plastic Conduit Field Bending	27.77	
26 05 33 13-2212	EA	2" Plastic Conduit Field Bending	37.03	
26 05 33 13-2213	EA	2-1/2" Plastic Conduit Field Bending	46.29	
26 05 33 13-2214	EA	3" Plastic Conduit Field Bending	55.54	
26 05 33 13-2215	EA	3-1/2" Plastic Conduit Field Bending	64.80	
26 05 33 13-2216	EA	4" Plastic Conduit Field Bending	74.05	
26 05 33 13-2217	EA	5" Plastic Conduit Field Bending	83.31	
26 05 33 13-2218	EA	6" Plastic Conduit Field Bending	92.57	

26 05 33 13-2219 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0040)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2220	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	27.10	
		For Work In Restricted Working Space, Add	*8.13*	
26 05 33 13-2221	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	29.81	
		For Work In Restricted Working Space, Add	*8.94*	
26 05 33 13-2222	EA	1", Cut And Thread Existing In-Place Threaded Conduit	32.52	
		For Work In Restricted Working Space, Add	*9.76*	
26 05 33 13-2223	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	35.23	
		For Work In Restricted Working Space, Add	*10.57*	
26 05 33 13-2224	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	37.03	
		For Work In Restricted Working Space, Add	*11.11*	
26 05 33 13-2225	EA	2", Cut And Thread Existing In-Place Threaded Conduit	38.84	
		For Work In Restricted Working Space, Add	*11.65*	
26 05 33 13-2226	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	40.65	
		For Work In Restricted Working Space, Add	*12.20*	
26 05 33 13-2227	EA	3", Cut And Thread Existing In-Place Threaded Conduit	42.45	
		For Work In Restricted Working Space, Add	*12.74*	
26 05 33 13-2228	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	43.35	
		For Work In Restricted Working Space, Add	*13.01*	
26 05 33 13-2229	EA	4", Cut And Thread Existing In-Place Threaded Conduit	44.26	
		For Work In Restricted Working Space, Add	*13.28*	
26 05 33 13-2230	EA	5", Cut And Thread Existing In-Place Threaded Conduit	46.06	
		For Work In Restricted Working Space, Add	*13.82*	
26 05 33 13-2231	EA	6", Cut And Thread Existing In-Place Threaded Conduit	47.87	
		For Work In Restricted Working Space, Add	*14.36*	

26 05 33 13-2232 Flexible Conduit *(26 05 33 13-0040)*

26 05 33 13-2233 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-2232)*

Note: Steel inner core with PVC cover.

26 05 33 13-2234 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-2233)*

26 05 33 13-2235	LF	3/8" Flexible Liquid Tight Metallic Conduit	3.40	0.99
		For Work In Restricted Working Space, Add	*0.74*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.37*	
26 05 33 13-2236	LF	1/2" Flexible Liquid Tight Metallic Conduit	3.53	0.99
		For Work In Restricted Working Space, Add	*0.74*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.37*	
26 05 33 13-2237	LF	3/4" Flexible Liquid Tight Metallic Conduit	4.73	1.32
		For Work In Restricted Working Space, Add	*0.99*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.50*	
26 05 33 13-2238	LF	1" Flexible Liquid Tight Metallic Conduit	5.46	1.32
		For Work In Restricted Working Space, Add	*0.99*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.50*	
26 05 33 13-2239	LF	1-1/4" Flexible Liquid Tight Metallic Conduit	7.07	1.65
		For Work In Restricted Working Space, Add	*1.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.62*	
26 05 33 13-2240	LF	1-1/2" Flexible Liquid Tight Metallic Conduit	9.09	1.97
		For Work In Restricted Working Space, Add	*1.49*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.74*	
26 05 33 13-2241	LF	2" Flexible Liquid Tight Metallic Conduit	11.95	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
26 05 33 13-2242	LF	2-1/2" Flexible Liquid Tight Metallic Conduit	16.26	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
26 05 33 13-2243	LF	3" Flexible Liquid Tight Metallic Conduit	23.94	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.36*	
26 05 33 13-2244	LF	4" Flexible Liquid Tight Metallic Conduit	32.78	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.73*	

26 05 33 13-2245 Straight Connector *(26 05 33 13-2233)*

26 05 33 13-2246	EA	3/8" Straight Liquid Tight Connector	9.22	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-2247	EA	1/2" Straight Liquid Tight Connector	9.22	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-2248	EA	3/4" Straight Liquid Tight Connector	11.18	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.23*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2249	EA	1" Straight Liquid Tight Connector	14.96	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-2250	EA	1-1/4" Straight Liquid Tight Connector	19.21	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2251	EA	1-1/2" Straight Liquid Tight Connector	24.36	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2252	EA	2" Straight Liquid Tight Connector	33.59	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2253	EA	2-1/2" Straight Liquid Tight Connector	114.91	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-2254	EA	3" Straight Liquid Tight Connector	148.19	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2255	EA	4" Straight Liquid Tight Connector	181.34	9.23
		For Work In Restricted Working Space, Add	*6.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.92*	

26 05 33 13-2256 90 Degree Angle Connector *(26 05 33 13-2233)*

26 05 33 13-2257	EA	3/8" 90 Degree Angle Liquid Tight Connector	13.45	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2258	EA	1/2" 90 Degree Angle Liquid Tight Connector	14.02	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2259	EA	3/4" 90 Degree Angle Liquid Tight Connector	15.84	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2260	EA	1" 90 Degree Angle Liquid Tight Connector	22.37	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2261	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	28.19	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2262	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	34.20	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-2263	EA	2" 90 Degree Angle Liquid Tight Connector	45.27	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	
26 05 33 13-2264	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	160.57	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2265	EA	3" 90 Degree Angle Liquid Tight Connector	189.74	7.26
		For Work In Restricted Working Space, Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.44*	
26 05 33 13-2266	EA	4" 90 Degree Angle Liquid Tight Connector	262.44	11.55
		For Work In Restricted Working Space, Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.66*	

26 05 33 13-2267 45 Degree Angle Connector *(26 05 33 13-2233)*

26 05 33 13-2268	EA	3/8" 45 Degree Angle Liquid Tight Connector	13.26	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2269	EA	1/2" 45 Degree Angle Liquid Tight Connector	13.40	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2270	EA	3/4" 45 Degree Angle Liquid Tight Connector	15.84	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2271	EA	1" 45 Degree Angle Liquid Tight Connector	23.91	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2272	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	27.19	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2273	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	30.47	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	

26 05 33 13-2274 Flexible Metallic Conduit And Connectors *(26 05 33 13-2232)*

26 05 33 13-2275 Flexible Steel Conduit *(26 05 33 13-2274)*

26 05 33 13-2276	LF	3/8" Flexible Metallic Conduit	3.05	1.08
		For Work In Restricted Working Space, Add	*0.80*	
		For Installation In Metal Stud Wall, Add	*0.27*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.66*	
		For Flexible Aluminum Conduit, Add	*0.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2277	LF	1/2" Flexible Metallic Conduit	3.15	1.08
		For Work In Restricted Working Space, Add	*0.81*	
		For Installation In Metal Stud Wall, Add	*0.27*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.68*	
		For Flexible Aluminum Conduit, Add	*0.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.41*	
26 05 33 13-2278	LF	3/4" Flexible Metallic Conduit	3.53	1.44
		For Work In Restricted Working Space, Add	*0.88*	
		For Installation In Metal Stud Wall, Add	*0.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.73*	
		For Flexible Aluminum Conduit, Add	*0.10*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.44*	
26 05 33 13-2279	LF	1" Flexible Metallic Conduit	4.28	1.44
		For Work In Restricted Working Space, Add	*0.95*	
		For Installation In Metal Stud Wall, Add	*0.32*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.79*	
		For Flexible Aluminum Conduit, Add	*0.18*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.47*	
26 05 33 13-2280	LF	1-1/4" Flexible Metallic Conduit	4.79	1.80
		For Work In Restricted Working Space, Add	*1.00*	
		For Installation In Metal Stud Wall, Add	*0.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.84*	
		For Flexible Aluminum Conduit, Add	*0.24*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.50*	
26 05 33 13-2281	LF	1-1/2" Flexible Metallic Conduit	6.02	2.16
		For Work In Restricted Working Space, Add	*1.04*	
		For Installation In Metal Stud Wall, Add	*0.35*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.87*	
		For Flexible Aluminum Conduit, Add	*0.42*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.52*	
26 05 33 13-2282	LF	2" Flexible Metallic Conduit	6.74	2.89
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation In Metal Stud Wall, Add	*0.36*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.90*	
		For Flexible Aluminum Conduit, Add	*0.52*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.54*	
26 05 33 13-2283	LF	2-1/2" Flexible Steel Conduit	8.29	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.13*	
		For Flexible Aluminum Conduit, Add	*0.62*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-2284	LF	3" Flexible Metallic Conduit	11.98	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Installation In Metal Stud Wall, Add	*0.54*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.35*	
		For Flexible Aluminum Conduit, Add	*1.08*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.81*	
26 05 33 13-2285	LF	3-1/2" Flexible Metallic Conduit	14.59	4.33
		For Work In Restricted Working Space, Add	*1.89*	
		For Installation In Metal Stud Wall, Add	*0.63*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.58*	
		For Flexible Aluminum Conduit, Add	*1.37*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.95*	
26 05 33 13-2286	LF	4" Flexible Metallic Conduit	16.77	5.05
		For Work In Restricted Working Space, Add	*2.16*	
		For Installation In Metal Stud Wall, Add	*0.72*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.80*	
		For Flexible Aluminum Conduit, Add	*1.58*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.08*	

26 05 33 13-2287 Plain Squeeze Type Straight Connector *(26 05 33 13-2274)*

26 05 33 13-2288	EA	3/8" Flexible Straight Connectors, Plain	5.07	2.89
		For Work In Restricted Working Space, Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.22*	
26 05 33 13-2289	EA	1/2" Flexible Straight Connectors, Plain	6.11	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2290	EA	3/4" Flexible Straight Connectors, Plain	7.10	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2291	EA	1" Flexible Straight Connectors, Plain	10.91	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2292	EA	1-1/4" Flexible Straight Connectors, Plain	15.08	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2293	EA	1-1/2" Flexible Straight Connectors, Plain	19.68	6.13
		For Work In Restricted Working Space, Add	*3.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.38*	
26 05 33 13-2294	EA	2" Flexible Straight Connectors, Plain	25.50	6.13
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-2295	EA	2-1/2" Flexible Straight Connectors, Plain	39.29	7.58
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2296	EA	3" Flexible Straight Connectors, Plain	50.63	8.30
		For Work In Restricted Working Space, Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2297	EA	3-1/2" Flexible Straight Connectors, Plain	146.31	9.74
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2298	EA	4" Flexible Straight Connectors, Plain	181.98	11.90
		For Work In Restricted Working Space, Add	*6.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	

26 05 33 13-2299 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2274)*

26 05 33 13-2300	EA	1/2" Flexible Straight Connectors, Insulated	6.66	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2301	EA	3/4" Flexible Straight Connectors, Insulated	7.82	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2302	EA	1" Flexible Straight Connectors, Insulated	11.90	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2303	EA	1-1/4" Flexible Straight Connectors, Insulated	16.89	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2304	EA	1-1/2" Flexible Straight Connectors, Insulated	22.90	5.41
		For Work In Restricted Working Space, Add	*3.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.38*	
26 05 33 13-2305	EA	2" Flexible Straight Connectors, Insulated	31.17	6.13
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-2306	EA	2-1/2" Flexible Straight Connectors, Insulated	51.44	7.58
		For Work In Restricted Working Space, Add	*4.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.73*	
26 05 33 13-2307	EA	3" Flexible Straight Connectors, Insulated	64.95	8.30
		For Work In Restricted Working Space, Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 33 13-2308	EA	3-1/2" Flexible Straight Connectors, Insulated	168.40	9.74
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2309	EA	4" Flexible Straight Connectors, Insulated	215.19	11.90
		For Work In Restricted Working Space, Add	*6.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	

26 05 33 13-2310 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2274)*

26 05 33 13-2311	EA	3/8" Flexible 90 Degree Connector, Plain	7.03	3.61
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2312	EA	1/2" Flexible 90 Degree Connector, Plain	9.01	3.97
		For Work In Restricted Working Space, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-2313	EA	3/4" Flexible 90 Degree Connector, Plain	11.44	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2314	EA	1" Flexible 90 Degree Connector, Plain	15.70	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2315	EA	1-1/4" Flexible 90 Degree Connector, Plain	23.50	5.41
		For Work In Restricted Working Space, Add	*3.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.25*	
26 05 33 13-2316	EA	1-1/2" Flexible 90 Degree Connector, Plain	35.69	6.31
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-2317	EA	2" Flexible 90 Degree Connector, Plain	42.74	7.76
		For Work In Restricted Working Space, Add	*4.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.60*	
26 05 33 13-2318	EA	2-1/2" Flexible 90 Degree Connector, Plain	89.48	8.30
		For Work In Restricted Working Space, Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 33 13-2319	EA	3" Flexible 90 Degree Connector, Plain	114.08	9.74
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2320	EA	3-1/2" Flexible 90 Degree Connector, Plain	235.83	11.90
		For Work In Restricted Working Space, Add	*6.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 33 13-2321	EA	4" Flexible 90 Degree Connector, Plain	417.34	13.53
		For Work In Restricted Working Space, Add	*8.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	

26 05 33 13-2322 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2274)*

26 05 33 13-2323	EA	1/2" Flexible 90 Degree Connector, Insulated	9.78	3.97
		For Work In Restricted Working Space, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-2324	EA	3/4" Flexible 90 Degree Connector, Insulated	12.39	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2325	EA	1" Flexible 90 Degree Connector, Insulated	15.70	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2326	EA	1-1/4" Flexible 90 Degree Connector, Insulated	26.85	5.41
		For Work In Restricted Working Space, Add	*3.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.25*	
26 05 33 13-2327	EA	1-1/2" Flexible 90 Degree Connector, Insulated	41.78	6.31
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-2328	EA	2" Flexible 90 Degree Connector, Insulated	52.63	7.76
		For Work In Restricted Working Space, Add	*4.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.60*	
26 05 33 13-2329	EA	2-1/2" Flexible 90 Degree Connector, Insulated	120.42	8.30
		For Work In Restricted Working Space, Add	*5.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 05 33 13-2330	EA	3" Flexible 90 Degree Connector, Insulated	147.60	9.74
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2331	EA	3-1/2" Flexible 90 Degree Connector, Insulated	387.76	11.90
		For Work In Restricted Working Space, Add	*6.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 33 13-2332	EA	4" Flexible 90 Degree Connector, Insulated	576.47	13.53
		For Work In Restricted Working Space, Add	*8.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	

26 05 33 13-2333 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2274)*

26 05 33 13-2334	EA	3/8" Flexible 45 Degree Connector, Plain	7.64	3.61
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2335	EA	1/2" Flexible 45 Degree Connector, Plain	10.00	3.97
		For Work In Restricted Working Space, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-2336	EA	3/4" Flexible 45 Degree Connector, Plain	12.55	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	

26 05 33 13-2337 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2274)*

26 05 33 13-2338	EA	3/8" Flexible 45 Degree Connector, Insulated	8.07	4.33
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2339	EA	1/2" Flexible 45 Degree Connector, Insulated	10.70	3.97
		For Work In Restricted Working Space, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-2340	EA	3/4" Flexible 45 Degree Connector, Insulated	13.54	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	

26 05 33 13-2341 Plain Screw-In Connector *(26 05 33 13-2274)*

26 05 33 13-2342	EA	3/8" Flexible Steel Screw-in Connector, Plain	4.43	2.89
		For Work In Restricted Working Space, Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.22*	
26 05 33 13-2343	EA	1/2" Flexible Steel Screw-in Connector, Plain	4.82	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2344	EA	3/4" Flexible Steel Screw-in Connector, Plain	6.04	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2345	EA	1" Flexible Steel Screw-in Connector, Plain	8.47	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2346	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	11.97	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2347	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	14.71	5.41
		For Work In Restricted Working Space, Add	*3.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.38*	
26 05 33 13-2348	EA	2" Flexible Steel Screw-in Connector, Plain	20.68	6.13
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	

26 05 33 13-2349 Insulated Screw-In Connector *(26 05 33 13-2274)*

26 05 33 13-2350	EA	3/8" Flexible Steel Screw-in Connector, Insulated	4.62	2.89
		For Work In Restricted Working Space, Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.22*	
26 05 33 13-2351	EA	1/2" Flexible Steel Screw-in Connector, Insulated	4.97	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2352	EA	3/4" Flexible Steel Screw-in Connector, Insulated	6.41	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2353	EA	1" Flexible Steel Screw-in Connector, Insulated	9.04	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2354	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	12.79	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2355	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	15.69	5.41
		For Work In Restricted Working Space, Add	*3.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.38*	
26 05 33 13-2356	EA	2" Flexible Steel Screw-in Connector, Insulated	21.53	6.13
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	

26 05 33 13-2357 Screw-In Coupling *(26 05 33 13-2274)*

26 05 33 13-2358	EA	1/2" Flexible Steel Screw-in Coupling	5.18	3.25
		For Work In Restricted Working Space, Add	*1.35*	
26 05 33 13-2359	EA	3/4" Flexible Steel Screw-in Coupling	6.63	3.97
		For Work In Restricted Working Space, Add	*1.62*	

26 05 33 13-2360 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2274)*

26 05 33 13-2361	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	6.33	2.89
		For Work In Restricted Working Space, Add	*1.22*	
26 05 33 13-2362	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	8.30	3.25
		For Work In Restricted Working Space, Add	*1.35*	
26 05 33 13-2363	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	10.80	3.97
		For Work In Restricted Working Space, Add	*1.62*	

26 05 33 13-2364 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2274)*

26 05 33 13-2365	EA	3/8" Flexible Straight Connector, Die Cast	4.55	2.89
		For Work In Restricted Working Space, Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.22*	
26 05 33 13-2366	EA	1/2" Flexible Straight Connector, Die Cast	5.12	3.25
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2367	EA	3/4" Flexible Straight Connector, Die Cast	6.29	3.97
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2368	EA	1" Flexible Straight Connector, Die Cast	9.17	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2369	EA	1-1/4" Flexible Straight Connector, Die Cast	12.15	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2370	EA	1-1/2" Flexible Straight Connector, Die Cast	16.18	5.41
		For Work In Restricted Working Space, Add	*3.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.38*	
26 05 33 13-2371	EA	2" Flexible Straight Connector, Die Cast	20.60	6.13
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	

26 05 33 13-2372 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2274)*

26 05 33 13-2373	EA	3/8" Flexible 90 Degree Connector, Die Cast	6.03	3.61
		For Work In Restricted Working Space, Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.62*	
26 05 33 13-2374	EA	1/2" Flexible 90 Degree Connector, Die Cast	7.35	3.97
		For Work In Restricted Working Space, Add	*1.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.89*	
26 05 33 13-2375	EA	3/4" Flexible 90 Degree Connector, Die Cast	8.78	4.33
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2376	EA	1" Flexible 90 Degree Connector, Die Cast	13.17	5.05
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2377	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	18.06	5.41
		For Work In Restricted Working Space, Add	*3.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.25*	
26 05 33 13-2378	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	27.04	6.31
		For Work In Restricted Working Space, Add	*4.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-2379	EA	2" Flexible 90 Degree Connector, Die Cast	32.06	7.76
		For Work In Restricted Working Space, Add	*4.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.60*	

26 05 33 13-2380 Flexible Liquid Tight Non-Metallic Conduit And Connectors *(26 05 33 13-2232)*

26 05 33 13-2381 Flexible Liquid Tight Non-Metallic Conduit *(26 05 33 13-2380)*

26 05 33 13-2382	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	3.08	0.99
		For Work In Restricted Working Space, Add	*0.74*	
26 05 33 13-2383	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	3.13	0.99
		For Work In Restricted Working Space, Add	*0.74*	
26 05 33 13-2384	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	4.20	1.32
		For Work In Restricted Working Space, Add	*0.99*	
26 05 33 13-2385	LF	1" Flexible Liquid Tight Non-Metallic Conduit	5.13	1.32
		For Work In Restricted Working Space, Add	*0.99*	
26 05 33 13-2386	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	6.50	1.65
		For Work In Restricted Working Space, Add	*1.24*	
26 05 33 13-2387	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	8.26	1.97
		For Work In Restricted Working Space, Add	*1.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2388	LF	2" Flexible Liquid Tight Non-Metallic Conduit	10.63	2.64
		For Work In Restricted Working Space, Add	*1.98*	

26 05 33 13-2389 Liquid Tight Non-Metallic Straight Connector *(26 05 33 13-2380)*

26 05 33 13-2390	EA	3/8" Liquid Tight Non-Metallic Straight Connector	8.82	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-2391	EA	1/2" Liquid Tight Non-Metallic Straight Connector	8.82	2.64
		For Work In Restricted Working Space, Add	*1.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.98*	
26 05 33 13-2392	EA	3/4" Liquid Tight Non-Metallic Straight Connector	10.71	2.97
		For Work In Restricted Working Space, Add	*2.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.23*	
26 05 33 13-2393	EA	1" Liquid Tight Non-Metallic Straight Connector	13.19	3.30
		For Work In Restricted Working Space, Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 33 13-2394	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	17.94	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2395	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	22.24	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2396	EA	2" Liquid Tight Non-Metallic Straight Connector	34.20	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	

26 05 33 13-2397 Liquid Tight Non-Metallic 90 Degree Angle Connector *(26 05 33 13-2380)*

26 05 33 13-2398	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	12.69	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2399	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	12.69	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2400	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	15.45	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2401	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.59	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2402	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	22.36	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2403	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	34.61	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-2404	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	46.19	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	

26 05 33 13-2405 Liquid Tight Non-Metallic 45 Degree Angle Connector *(26 05 33 13-2380)*

26 05 33 13-2406	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	12.69	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2407	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	12.69	3.63
		For Work In Restricted Working Space, Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.72*	
26 05 33 13-2408	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	15.45	3.96
		For Work In Restricted Working Space, Add	*2.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.97*	
26 05 33 13-2409	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.59	4.62
		For Work In Restricted Working Space, Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.47*	
26 05 33 13-2410	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	22.36	4.95
		For Work In Restricted Working Space, Add	*3.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.71*	
26 05 33 13-2411	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	34.61	5.27
		For Work In Restricted Working Space, Add	*3.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.96*	
26 05 33 13-2412	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	46.19	5.93
		For Work In Restricted Working Space, Add	*4.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.46*	

26 05 33 13-2413 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2232)*

Note: Carlon - FLEX-PLUS.

26 05 33 13-2414 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2413)*

26 05 33 13-2415	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	2.97	1.08
		For Work In Restricted Working Space, Add	*0.81*	
26 05 33 13-2416	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	3.97	1.44
		For Work In Restricted Working Space, Add	*1.08*	
26 05 33 13-2417	LF	1" Blue ENT Electrical Non-Metallic Tubing	4.20	1.44
		For Work In Restricted Working Space, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2418		**Terminal Adapter** *(26 05 33 13-2413)*		
26 05 33 13-2419	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	7.64	2.89
		For Work In Restricted Working Space, Add	*2.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.16*	
26 05 33 13-2420	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	8.90	3.25
		For Work In Restricted Working Space, Add	*2.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.44*	
26 05 33 13-2421	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	10.02	3.61
		For Work In Restricted Working Space, Add	*2.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 33 13-2422		**Coupling** *(26 05 33 13-2413)*		
26 05 33 13-2423	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	7.58	2.89
		For Work In Restricted Working Space, Add	*2.16*	
26 05 33 13-2424	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	8.60	3.25
		For Work In Restricted Working Space, Add	*2.44*	
26 05 33 13-2425	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	9.75	3.61
		For Work In Restricted Working Space, Add	*2.71*	
26 05 33 13-2426		**Conduit Bodies** *(26 05 33 13-0040)*		
26 05 33 13-2427		**Threaded, Cast Aluminum Conduit Body** *(26 05 33 13-2426)*		
26 05 33 13-2428		**Type LB, Threaded, Two Hub Cast Aluminum Conduit Body** *(26 05 33 13-2427)*		
26 05 33 13-2429	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	45.22	15.83
		For Work In Restricted Working Space, Add	*11.87*	
		For Installation Above 14', Add	*5.94*	
		For Mogul LB, Add	*2.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-2430	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	53.03	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Mogul LB, Add	*3.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2431	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	63.69	21.11
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Mogul LB, Add	*5.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-2432	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	76.50	24.08
		For Work In Restricted Working Space, Add	*18.05*	
		For Installation Above 14', Add	*9.03*	
		For Mogul LB, Add	*9.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.05*	
26 05 33 13-2433	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	87.02	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Mogul LB, Add	*12.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2434	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	113.16	31.66
		For Work In Restricted Working Space, Add	*23.75*	
		For Installation Above 14', Add	*11.87*	
		For Mogul LB, Add	*21.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2435	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	186.57	44.53
		For Work In Restricted Working Space, Add	*33.39*	
		For Installation Above 14', Add	*16.70*	
		For Mogul LB, Add	*50.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.39*	
26 05 33 13-2436	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	245.60	59.36
		For Work In Restricted Working Space, Add	*44.52*	
		For Installation Above 14', Add	*22.26*	
		For Mogul LB, Add	*65.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2437	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	324.50	74.21
		For Work In Restricted Working Space, Add	*55.65*	
		For Installation Above 14', Add	*27.83*	
		For Mogul LB, Add	*94.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2438	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	419.04	90.36
		For Work In Restricted Working Space, Add	*67.77*	
		For Installation Above 14', Add	*33.89*	
		For Mogul LB, Add	*133.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	
26 05 33 13-2439		**Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover** *(26 05 33 13-2427)*		
26 05 33 13-2440	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	45.91	15.83
		For Work In Restricted Working Space, Add	*11.87*	
		For Installation Above 14', Add	*5.94*	
		For Mogul LB, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2441	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	53.70	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Mogul LB, Add	*4.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2442	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	65.04	21.11
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Mogul LB, Add	*6.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-2443	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	78.15	24.08
		For Work In Restricted Working Space, Add	*18.05*	
		For Installation Above 14', Add	*9.03*	
		For Mogul LB, Add	*10.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.05*	
26 05 33 13-2444	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	89.82	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Mogul LB, Add	*14.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2445	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	119.17	31.66
		For Work In Restricted Working Space, Add	*23.75*	
		For Installation Above 14', Add	*11.87*	
		For Mogul LB, Add	*26.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2446	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	183.54	44.53
		For Work In Restricted Working Space, Add	*33.39*	
		For Installation Above 14', Add	*16.70*	
		For Mogul LB, Add	*48.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.39*	
26 05 33 13-2447	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	235.40	59.36
		For Work In Restricted Working Space, Add	*44.52*	
		For Installation Above 14', Add	*22.26*	
		For Mogul LB, Add	*57.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2448	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	333.20	74.21
		For Work In Restricted Working Space, Add	*55.65*	
		For Installation Above 14', Add	*27.83*	
		For Mogul LB, Add	*101.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2449	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	436.81	90.36
		For Work In Restricted Working Space, Add	*67.77*	
		For Installation Above 14', Add	*33.89*	
		For Mogul LB, Add	*146.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	

26 05 33 13-2450 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2427)*

26 05 33 13-2451	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	52.85	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2452	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	62.41	21.11
		For Work In Restricted Working Space, Add	*15.83*	
		For Installation Above 14', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-2453	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	71.38	23.08
		For Work In Restricted Working Space, Add	*17.32*	
		For Installation Above 14', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-2454	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	86.66	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2455	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	99.46	29.02
		For Work In Restricted Working Space, Add	*21.77*	
		For Installation Above 14', Add	*10.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 33 13-2456	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	130.94	33.97
		For Work In Restricted Working Space, Add	*25.48*	
		For Installation Above 14', Add	*12.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.48*	
26 05 33 13-2457	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	204.99	49.47
		For Work In Restricted Working Space, Add	*37.10*	
		For Installation Above 14', Add	*18.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 05 33 13-2458	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	265.01	64.31
		For Work In Restricted Working Space, Add	*48.23*	
		For Installation Above 14', Add	*24.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.23*	
26 05 33 13-2459	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	414.38	79.15
		For Work In Restricted Working Space, Add	*59.36*	
		For Installation Above 14', Add	*29.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.36*	
26 05 33 13-2460	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	476.65	95.31
		For Work In Restricted Working Space, Add	*71.48*	
		For Installation Above 14', Add	*35.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2461		Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2427)*		
26 05 33 13-2462	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	46.05	15.83
		For Work In Restricted Working Space, Add	*11.87*	
		For Installation Above 14', Add	*5.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-2463	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	53.22	18.14
		For Work In Restricted Working Space, Add	*13.61*	
		For Installation Above 14', Add	*6.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2464	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	63.67	20.78
		For Work In Restricted Working Space, Add	*15.58*	
		For Installation Above 14', Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2465	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	77.49	24.08
		For Work In Restricted Working Space, Add	*18.05*	
		For Installation Above 14', Add	*9.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.05*	
26 05 33 13-2466	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.56	26.38
		For Work In Restricted Working Space, Add	*19.79*	
		For Installation Above 14', Add	*9.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2467	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	113.21	31.66
		For Work In Restricted Working Space, Add	*23.75*	
		For Installation Above 14', Add	*11.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2468	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	180.98	44.53
		For Work In Restricted Working Space, Add	*33.39*	
		For Installation Above 14', Add	*16.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.39*	
26 05 33 13-2469	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	233.76	59.36
		For Work In Restricted Working Space, Add	*44.52*	
		For Installation Above 14', Add	*22.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2470	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	327.97	74.21
		For Work In Restricted Working Space, Add	*55.65*	
		For Installation Above 14', Add	*27.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2471	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	420.67	90.36
		For Work In Restricted Working Space, Add	*67.77*	
		For Installation Above 14', Add	*33.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	
26 05 33 13-2472		Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2427)*		
26 05 33 13-2473	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	61.14	20.78
		For Work In Restricted Working Space, Add	*15.58*	
		For Installation Above 14', Add	*7.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2474	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	70.17	23.08
		For Work In Restricted Working Space, Add	*17.32*	
		For Installation Above 14', Add	*8.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-2475	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	84.55	25.39
		For Work In Restricted Working Space, Add	*19.05*	
		For Installation Above 14', Add	*9.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.05*	
26 05 33 13-2476	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	97.34	29.02
		For Work In Restricted Working Space, Add	*21.77*	
		For Installation Above 14', Add	*10.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 33 13-2477	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	122.57	31.66
		For Work In Restricted Working Space, Add	*23.75*	
		For Installation Above 14', Add	*11.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2478	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	148.50	38.91
		For Work In Restricted Working Space, Add	*29.19*	
		For Installation Above 14', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.19*	
26 05 33 13-2479	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	269.69	57.05
		For Work In Restricted Working Space, Add	*42.79*	
		For Installation Above 14', Add	*21.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.79*	
26 05 33 13-2480	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	334.34	74.21
		For Work In Restricted Working Space, Add	*55.65*	
		For Installation Above 14', Add	*27.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2481	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	470.90	91.69
		For Work In Restricted Working Space, Add	*69.26*	
		For Installation Above 14', Add	*34.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.26*	
26 05 33 13-2482	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	568.21	110.15
		For Work In Restricted Working Space, Add	*82.61*	
		For Installation Above 14', Add	*41.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.61*	
26 05 33 13-2483		Threaded, Malleable Iron Conduit Body *(26 05 33 13-2426)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2484		Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2483)*		
26 05 33 13-2485	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	47.15	15.83
		For Installation Above 14', Add	*5.94*	
		For Work In Restricted Working Space, Add	*11.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-2486	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	54.64	18.14
		For Installation Above 14', Add	*6.80*	
		For Work In Restricted Working Space, Add	*13.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2487	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	66.61	21.11
		For Installation Above 14', Add	*7.91*	
		For Work In Restricted Working Space, Add	*15.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-2488	EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	85.02	24.08
		For Installation Above 14', Add	*9.03*	
		For Work In Restricted Working Space, Add	*18.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.05*	
26 05 33 13-2489	EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	96.43	26.38
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2490	EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	130.15	31.66
		For Installation Above 14', Add	*11.87*	
		For Work In Restricted Working Space, Add	*23.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2491	EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	215.69	44.53
		For Installation Above 14', Add	*16.70*	
		For Work In Restricted Working Space, Add	*33.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.39*	
26 05 33 13-2492	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	304.12	59.36
		For Installation Above 14', Add	*22.26*	
		For Work In Restricted Working Space, Add	*44.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2493	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	416.03	74.21
		For Installation Above 14', Add	*27.83*	
		For Work In Restricted Working Space, Add	*55.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2494	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	498.50	90.36
		For Installation Above 14', Add	*33.89*	
		For Work In Restricted Working Space, Add	*67.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	
26 05 33 13-2495		Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2483)*		
26 05 33 13-2496	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	48.90	15.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-2497	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	55.16	18.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2498	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	69.29	21.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.83*	
26 05 33 13-2499	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	86.82	24.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.05*	
26 05 33 13-2500	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	98.63	26.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2501	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	125.65	31.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2502	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	190.66	44.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.39*	
26 05 33 13-2503	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	259.11	59.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2504	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	442.53	74.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2505	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	518.05	90.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	
26 05 33 13-2506		Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2483)*		
26 05 33 13-2507	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	57.86	18.14
		For Installation Above 14', Add	*6.80*	
		For Work In Restricted Working Space, Add	*13.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2508	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	68.22	21.11
		For Installation Above 14', Add	*8.04*	
		For Work In Restricted Working Space, Add	*16.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.08*	
26 05 33 13-2509	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	79.85	23.08
		For Installation Above 14', Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-2510	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	99.42	26.38
		For Installation Above 14', Add	*9.77*	
		For Work In Restricted Working Space, Add	*19.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2511	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	113.75	29.02
		For Installation Above 14', Add	*10.88*	
		For Work In Restricted Working Space, Add	*21.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 33 13-2512	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	149.47	33.97
		For Installation Above 14', Add	*12.74*	
		For Work In Restricted Working Space, Add	*25.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.48*	
26 05 33 13-2513	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	191.39	49.47
		For Installation Above 14', Add	*18.55*	
		For Work In Restricted Working Space, Add	*37.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.10*	
26 05 33 13-2514	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	273.31	64.31
		For Installation Above 14', Add	*24.12*	
		For Work In Restricted Working Space, Add	*48.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.23*	
26 05 33 13-2515	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	467.14	79.15
		For Installation Above 14', Add	*29.68*	
		For Work In Restricted Working Space, Add	*59.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.36*	
26 05 33 13-2516	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	541.81	95.31
		For Installation Above 14', Add	*35.86*	
		For Work In Restricted Working Space, Add	*71.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.73*	

26 05 33 13-2517 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2483)*

26 05 33 13-2518	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	47.28	15.83
		For Installation Above 14', Add	*5.94*	
		For Work In Restricted Working Space, Add	*11.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.87*	
26 05 33 13-2519	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	56.91	18.14
		For Installation Above 14', Add	*6.80*	
		For Work In Restricted Working Space, Add	*13.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.61*	
26 05 33 13-2520	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	66.42	20.78
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2521	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	88.33	24.08
		For Installation Above 14', Add	*9.03*	
		For Work In Restricted Working Space, Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.06*	
26 05 33 13-2522	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	102.62	26.38
		For Installation Above 14', Add	*9.89*	
		For Work In Restricted Working Space, Add	*19.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 05 33 13-2523	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	131.91	31.66
		For Installation Above 14', Add	*11.87*	
		For Work In Restricted Working Space, Add	*23.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2524	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	299.39	83.52
		For Installation Above 14', Add	*31.31*	
		For Work In Restricted Working Space, Add	*62.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.61*	
26 05 33 13-2525	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	278.02	59.36
		For Installation Above 14', Add	*22.26*	
		For Work In Restricted Working Space, Add	*44.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.52*	
26 05 33 13-2526	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	442.53	74.21
		For Installation Above 14', Add	*27.83*	
		For Work In Restricted Working Space, Add	*55.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2527	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	518.03	90.36
		For Installation Above 14', Add	*33.88*	
		For Work In Restricted Working Space, Add	*67.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.77*	

26 05 33 13-2528 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2483)*

26 05 33 13-2529	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	65.81	20.78
		For Installation Above 14', Add	*7.79*	
		For Work In Restricted Working Space, Add	*15.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.58*	
26 05 33 13-2530	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	72.11	23.08
		For Installation Above 14', Add	*8.66*	
		For Work In Restricted Working Space, Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.32*	
26 05 33 13-2531	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	83.24	25.39
		For Installation Above 14', Add	*9.52*	
		For Work In Restricted Working Space, Add	*19.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.05*	
26 05 33 13-2532	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	98.62	29.02
		For Installation Above 14', Add	*10.88*	
		For Work In Restricted Working Space, Add	*21.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2533	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	113.17	31.66
		For Installation Above 14', Add	*11.87*	
		For Work In Restricted Working Space, Add	*23.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 33 13-2534	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	156.51	38.91
		For Installation Above 14', Add	*14.59*	
		For Work In Restricted Working Space, Add	*29.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.19*	
26 05 33 13-2535	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	248.37	57.05
		For Installation Above 14', Add	*21.40*	
		For Work In Restricted Working Space, Add	*42.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.79*	
26 05 33 13-2536	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	361.21	74.21
		For Installation Above 14', Add	*27.83*	
		For Work In Restricted Working Space, Add	*55.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.65*	
26 05 33 13-2537	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	533.03	91.69
		For Installation Above 14', Add	*34.38*	
		For Work In Restricted Working Space, Add	*68.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.76*	
26 05 33 13-2538	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	597.97	110.15
		For Installation Above 14', Add	*41.31*	
		For Work In Restricted Working Space, Add	*82.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.61*	

26 05 33 13-2539 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2426)*

26 05 33 13-2540 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2539)*

26 05 33 13-2541	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	22.25	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2542	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	28.52	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2543	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	38.32	10.22
		For Work In Restricted Working Space, Add	*7.67*	
		For Installation Above 14', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-2544	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	49.49	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-2545	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	64.52	14.51
		For Work In Restricted Working Space, Add	*10.88*	
		For Installation Above 14', Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 33 13-2546	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	84.69	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 05 33 13-2547 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2539)*

26 05 33 13-2548	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	22.43	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2549	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	29.21	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2550	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	35.91	10.22
		For Work In Restricted Working Space, Add	*7.67*	
		For Installation Above 14', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-2551	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	49.28	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-2552	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	60.51	14.51
		For Work In Restricted Working Space, Add	*10.88*	
		For Installation Above 14', Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 33 13-2553	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	84.35	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 05 33 13-2554 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2539)*

26 05 33 13-2555	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	28.89	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2556	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	37.50	10.22
		For Work In Restricted Working Space, Add	*7.67*	
		For Installation Above 14', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-2557	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	45.28	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-2558	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	62.02	14.51
		For Work In Restricted Working Space, Add	*11.38*	
		For Installation Above 14', Add	*5.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.38*	
26 05 33 13-2559	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	79.06	16.49
		For Work In Restricted Working Space, Add	*13.36*	
		For Installation Above 14', Add	*6.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.36*	
26 05 33 13-2560	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	105.37	18.46
		For Work In Restricted Working Space, Add	*15.34*	
		For Installation Above 14', Add	*7.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.34*	

26 05 33 13-2561 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2539)*

26 05 33 13-2562	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	23.02	6.26
		For Work In Restricted Working Space, Add	*4.70*	
		For Installation Above 14', Add	*2.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.70*	
26 05 33 13-2563	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	30.75	8.25
		For Work In Restricted Working Space, Add	*6.18*	
		For Installation Above 14', Add	*3.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.18*	
26 05 33 13-2564	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.20	10.22
		For Work In Restricted Working Space, Add	*7.67*	
		For Installation Above 14', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.67*	
26 05 33 13-2565	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	50.53	12.53
		For Work In Restricted Working Space, Add	*9.40*	
		For Installation Above 14', Add	*4.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-2566	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	38.36	14.51
		For Work In Restricted Working Space, Add	*10.88*	
		For Installation Above 14', Add	*5.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.88*	
26 05 33 13-2567	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	91.05	16.49
		For Work In Restricted Working Space, Add	*12.37*	
		For Installation Above 14', Add	*6.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	

26 05 33 13-2568 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2426)*

26 05 33 13-2569	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	96.99	18.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 05 33 13-2570	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	338.23	33.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.06*	
26 05 33 13-2571	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	653.11	67.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.83*	

26 05 33 13-2572 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2426)*

26 05 33 13-2573 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2572)*

26 05 33 13-2574	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	8.29	3.22
26 05 33 13-2575	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	10.09	3.75
26 05 33 13-2576	EA	1" Replacement Stamped Aluminum Conduit Body Cover	12.93	4.82
26 05 33 13-2577	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	15.75	5.89
26 05 33 13-2578	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	19.29	6.97
26 05 33 13-2579	EA	2" Replacement Stamped Aluminum Conduit Body Cover	22.83	8.04
26 05 33 13-2580	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	29.90	9.11
26 05 33 13-2581	EA	3" Replacement Stamped Aluminum Conduit Body Cover	38.94	12.86
26 05 33 13-2582	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	42.30	14.47
26 05 33 13-2583	EA	4" Replacement Stamped Aluminum Conduit Body Cover	53.29	18.22

26 05 33 13-2584 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2572)*

26 05 33 13-2585	EA	1/2" Replacement Cast Steel Conduit Body Cover	9.55	3.22
26 05 33 13-2586	EA	3/4" Replacement Cast Steel Conduit Body Cover	11.19	3.75
26 05 33 13-2587	EA	1" Replacement Cast Steel Conduit Body Cover	15.64	4.82
26 05 33 13-2588	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	19.42	5.89
26 05 33 13-2589	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	23.57	6.97
26 05 33 13-2590	EA	2" Replacement Cast Steel Conduit Body Cover	27.72	8.04
26 05 33 13-2591	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	31.84	9.11
26 05 33 13-2592	EA	3" Replacement Cast Steel Conduit Body Cover	43.53	12.86
26 05 33 13-2593	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	49.53	14.47
26 05 33 13-2594	EA	4" Replacement Cast Steel Conduit Body Cover	62.43	18.22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-2595 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2572)*

26 05 33 13-2596	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	7.73	3.22
26 05 33 13-2597	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	8.83	3.75
26 05 33 13-2598	EA	1" Replacement Velbuna Composition Conduit Body Gasket	11.52	4.82
26 05 33 13-2599	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	14.90	5.89
26 05 33 13-2600	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	17.04	6.97
26 05 33 13-2601	EA	2" Replacement Velbuna Composition Conduit Body Gasket	20.23	8.04
26 05 33 13-2602	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	26.33	9.11
26 05 33 13-2603	EA	3" Replacement Velbuna Composition Conduit Body Gasket	34.49	12.86
26 05 33 13-2604	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	38.09	14.47
26 05 33 13-2605	EA	4" Replacement Velbuna Composition Conduit Body Gasket	45.51	18.22

26 05 33 13-2606 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2572)*

26 05 33 13-2607	EA	1/2" Replacement Neoprene Conduit Body Gasket	8.60	3.22
26 05 33 13-2608	EA	3/4" Replacement Neoprene Conduit Body Gasket	9.66	3.75
26 05 33 13-2609	EA	1" Replacement Neoprene Conduit Body Gasket	12.61	4.82
26 05 33 13-2610	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	15.45	5.89
26 05 33 13-2611	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	17.59	6.97
26 05 33 13-2612	EA	2" Replacement Neoprene Conduit Body Gasket	20.28	8.04
26 05 33 13-2613	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	26.47	9.11
26 05 33 13-2614	EA	3" Replacement Neoprene Conduit Body Gasket	34.63	12.86
26 05 33 13-2615	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	39.03	14.47
26 05 33 13-2616	EA	4" Replacement Neoprene Conduit Body Gasket	46.45	18.22

26 05 33 16 Boxes For Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/receptacle assemblies, 26 27 26 00-0131 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	28.54	13.53
		For Stud Bracket, Add	*0.36*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	29.22	13.53
		For Stud Bracket, Add	*0.65*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	31.53	13.53
		For Stud Bracket, Add	*0.71*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	21.34	9.02
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	19.00	9.02
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	9.73	4.51
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	9.83	4.51
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	9.91	4.51
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	10.16	4.51
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	10.24	4.51
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	11.04	4.51
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	10.03	4.51
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	10.11	4.51
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	10.20	4.51
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	11.02	4.51
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	11.19	4.51
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	12.23	4.51
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	10.43	4.51
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	11.09	4.51
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	10.02	4.51
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	10.08	4.51
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	10.00	4.51
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	10.18	4.51
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	10.33	4.51
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	12.16	4.51
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	10.30	4.51
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	12.16	4.51
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	10.30	4.51
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	10.73	4.51
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	12.16	4.51
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	12.16	4.51
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	9.49	4.51

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	31.04	13.53
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	29.51	13.53
		For Stud Bracket, Add	*0.34*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	37.17	13.53
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	21.97	9.02
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	22.35	9.02
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	11.25	4.51
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	11.27	4.51
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	11.92	4.51
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	11.66	4.51
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	11.60	4.51
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	14.30	4.51
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	11.77	4.51
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	11.91	4.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	11.92	4.51
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	12.88	4.51
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	13.08	4.51
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	15.39	4.51
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	11.64	4.51
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	11.71	4.51
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	13.50	4.51
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	14.01	4.51
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	13.36	4.51
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	12.81	4.51
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.64	4.51
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.00	4.51
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.00	4.51
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	14.00	4.51
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	9.91	4.51
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	14.23	6.77
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	10.08	4.52
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	15.86	6.77
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	16.69	6.77
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	23.76	11.27
		For Stud Bracket, Add	*0.88*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	24.36	11.27
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	9.46	4.51
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	38.74	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	40.98	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	42.90	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	44.79	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	48.21	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	51.73	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	54.62	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	10.27	4.51
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	32.11	11.27
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	35.13	12.17
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	41.49	13.53
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	52.26	14.88
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	73.55	16.23
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	41.22	11.27
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	44.83	12.17
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	57.87	13.53
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	72.63	14.88
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	113.82	16.23
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	13.75	4.51
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	13.91	4.51
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	15.66	4.51
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	18.68	4.51
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	25.29	4.51
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	12.25	4.51
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	13.89	4.51
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	16.07	4.51
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	18.85	4.51
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	25.76	4.51
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	24.90	11.27
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	25.15	11.27
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	26.47	11.27
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	29.42	11.27
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	29.68	11.27
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	33.68	11.27
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	23.70	11.27
		For Stud Bracket, Add	*1.42*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	23.97	11.27
		For Stud Bracket, Add	*0.61*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	24.58	11.27
		For Stud Bracket, Add	*0.83*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	15.18	6.76
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	14.91	6.76
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	5.11	2.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	5.16	2.25
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	4.90	2.25
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	4.92	2.25
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	5.44	2.25
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	4.92	2.25
26 05 33 16-0122		3"-1/2" Depth, 3-3/4" Steel Masonry Boxes *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	34.76	15.78
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	38.20	16.68
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	43.00	18.04
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	48.48	19.84
26 05 33 16-0127		Cast Boxes *(26 05 33 16)* Note: For flush or surface mount.		
26 05 33 16-0128		Cast Iron Alloy Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0270 for box covers.		
26 05 33 16-0129		Shallow, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	75.88	27.06
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	82.05	31.56
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	96.77	38.33
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	95.12	36.07
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	121.18	42.84
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	94.75	36.07
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	113.87	42.84
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	97.10	36.07
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	113.91	42.84
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	94.75	36.07
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	111.00	42.84
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	113.17	45.09
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	134.03	54.11
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	117.68	45.09
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	151.21	54.11
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	120.62	45.09
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	144.15	54.11
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	112.79	45.09
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	146.14	54.11
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	143.33	54.11
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	172.94	65.38
26 05 33 16-0151		Deep, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	79.19	27.06
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	91.26	31.56
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	107.39	38.33
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	101.19	36.07
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	116.99	42.84
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	140.66	51.86
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	125.27	42.84
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	161.01	54.11
26 05 33 16-0160		Shallow, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	90.82	29.31
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	100.82	33.82
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	117.31	40.58
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	110.46	38.33
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	125.69	45.09
26 05 33 16-0166		Deep, Two Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	100.79	29.31
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	110.19	33.82
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	125.45	38.33
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	141.53	45.09
26 05 33 16-0171		Cast Aluminum Boxes *(26 05 33 16-0127)* See CSI section 26 27 26 00-0270 for box covers.		
26 05 33 16-0172		Shallow, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	66.86	22.55
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	76.74	27.06
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	85.83	33.82
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	62.99	22.55
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	79.47	27.06
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	85.27	31.56
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	102.50	38.33
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	128.51	47.35
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	91.99	31.56
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	99.23	38.33
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	88.17	31.56
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	101.51	38.33
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	85.70	31.56
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	101.51	38.33
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	79.99	31.56
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	107.58	38.33
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	101.97	40.58
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	123.93	49.60
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	107.88	40.58
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	144.41	49.60
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	107.39	40.58
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	131.72	49.60
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	133.48	49.60
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	130.95	49.60
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	159.90	60.88
26 05 33 16-0198		Deep, Single Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	73.71	22.55
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	88.31	27.06
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	101.74	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	94.58	27.06
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	94.14	31.56
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	113.39	38.33
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	127.49	47.35
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	114.84	38.33
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	140.86	49.60
26 05 33 16-0208		Shallow, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	87.82	24.80
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	100.71	29.31
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	108.84	36.07
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	110.19	33.82
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	113.30	40.58
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	139.86	49.60
26 05 33 16-0215		Deep, Two Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	87.75	24.80
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	101.65	29.31
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	112.34	33.82
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	127.63	40.58
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	112.34	33.82
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	127.63	40.58
26 05 33 16-0222		Shallow, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	117.99	36.07
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	132.74	42.84
26 05 33 16-0225		Deep, Three Gang Cast Aluminum Boxes *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	133.10	31.56
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	148.82	38.33
26 05 33 16-0228		Cast Aluminum Explosion Proof Outlet Bodies *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	138.23	36.07
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	170.75	40.58
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	157.30	45.09
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	153.27	40.58
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	186.26	45.09
26 05 33 16-0234		Non Metallic (PVC) Boxes *(26 05 33 16)* See CSI section 26 27 26 00-0270 for box covers.		
26 05 33 16-0235		Shallow, Single Gang Non Metallic (PVC) Boxes *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	45.68	18.94
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	52.23	22.10
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	59.66	26.83
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	58.54	25.25
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	68.81	29.98
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	83.46	36.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	58.75	25.25
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	68.26	29.98
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	81.58	36.29
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	74.17	31.56
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	84.61	37.88
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	99.75	45.76
26 05 33 16-0248		**Deep, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	46.29	18.94
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	45.22	18.94
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	53.68	22.10
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	60.25	26.83
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	59.74	25.25
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	67.25	29.98
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	80.41	36.29
26 05 33 16-0256		**Shallow, Two Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	49.15	20.51
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	56.32	23.67
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	62.92	28.41
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	60.38	26.83
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	74.56	31.56
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	88.26	37.88
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	61.79	26.83
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	78.48	31.56
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	85.12	37.88
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	75.57	33.14
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	99.18	39.45
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	102.80	47.35
26 05 33 16-0269		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0270		**Surface Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0271	EA	Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit. Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	394.17	33.82
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	251.81	
26 05 33 16-0273	EA	Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	35.14	9.02
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	42.26	4.51
26 05 33 16-0275	EA	Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	445.74	36.07
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	235.82	
26 05 33 16-0277	EA	Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	60.18	13.53
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	42.26	4.51
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	123.04	9.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	352.80	31.56
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	29.42	4.51
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	351.18	31.56
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	40.86	4.51
26 05 33 16-0284		Recessed Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		Evolution 6AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	651.89	36.07
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	651.97	36.07
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.31	36.07
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	621.31	36.07
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	651.89	36.07
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	651.89	36.07
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	595.42	36.07
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	373.21	33.82
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	400.26	33.82
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	402.94	33.82
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	114.14	18.04
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	262.79	9.02
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	262.79	9.02
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	218.43	9.02
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	31.59	2.25
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	15.45	4.51
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	17.86	4.51
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	15.38	4.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	15.43	4.51
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	15.32	4.51
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	18.11	4.51
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	17.91	4.51
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	18.35	4.51
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	15.09	4.51
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	15.11	4.51
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	14.90	4.51
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	14.90	4.51
26 05 33 16-0313	EA	20AMP Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	35.93	6.76
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	13.63	4.51
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	13.98	4.51
26 05 33 16-0316	EA	20AMP Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	113.13	8.12
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	17.69	4.51
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	18.44	4.51
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	18.97	4.51
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	29.12	9.02
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	33.35	11.27
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	36.79	11.27
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	27.96	9.02
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	18.32	4.51
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	18.32	4.51
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	19.31	4.51
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	19.97	4.51
26 05 33 16-0328		Evolution 8AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	855.31	36.07
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	814.04	36.07
26 05 33 16-0331	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	806.27	36.07
26 05 33 16-0332	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	798.91	36.07

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0333		EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	482.41	33.82
26 05 33 16-0334		EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	540.54	33.82
26 05 33 16-0335		EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	136.83	18.04
26 05 33 16-0336		EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	284.20	9.02
26 05 33 16-0337		EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	284.20	9.02
26 05 33 16-0338		EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	49.24	2.25
26 05 33 16-0339		EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	15.97	4.51
26 05 33 16-0340		EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.06	4.51
26 05 33 16-0341		EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.16	4.51
26 05 33 16-0342		EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	18.74	4.51
26 05 33 16-0343		EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	22.71	4.51
26 05 33 16-0344		EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	22.68	4.51
26 05 33 16-0345		EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	15.49	4.51
26 05 33 16-0346		EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	15.68	4.51
26 05 33 16-0347		EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	15.49	4.51
26 05 33 16-0348		EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	15.49	4.51
26 05 33 16-0349		EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	22.35	4.51
26 05 33 16-0350		EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	18.63	4.51
26 05 33 16-0351		EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	21.48	4.51
26 05 33 16-0352		EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	29.12	9.02

26 05 33 23 Surface Raceways For Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF		2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	15.49	4.12
			For Combination Hinged Screw Cover, Add	*0.36*	
			For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0005	EA		2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	15.00	6.18
			For Combination Hinged Screw Cover, Add	*0.13*	
26 05 33 23-0006	EA		2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	18.05	7.71
			For Combination Hinged Screw Cover, Add	*0.13*	
26 05 33 23-0007	EA		2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	36.56	14.42
			For Combination Hinged Screw Cover, Add	*0.39*	
26 05 33 23-0008	EA		2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	51.91	14.42
			For Combination Hinged Screw Cover, Add	*1.15*	
26 05 33 23-0009	EA		2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	76.20	20.53
			For Combination Hinged Screw Cover, Add	*1.76*	
26 05 33 23-0010	EA		2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	85.27	22.67
			For Combination Hinged Screw Cover, Add	*2.00*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0012		LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	19.05	5.19
			For Combination Hinged Screw Cover, Add	*0.44*	
			For Concrete Or Masonry Surface, Add	*0.52*	
26 05 33 23-0013		LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	30.96	5.19
			For Combination Hinged Screw Cover, Add	*1.03*	
			For Concrete Or Masonry Surface, Add	*0.52*	
26 05 33 23-0014		EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	11.81	4.53
			For Combination Hinged Screw Cover, Add	*0.14*	
26 05 33 23-0015		EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	20.05	8.66
			For Combination Hinged Screw Cover, Add	*0.14*	
26 05 33 23-0016		EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	43.68	17.64
			For Combination Hinged Screw Cover, Add	*0.42*	
26 05 33 23-0017		EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	60.55	17.64
			For Combination Hinged Screw Cover, Add	*1.26*	
26 05 33 23-0018		EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	84.10	22.92
			For Combination Hinged Screw Cover, Add	*1.91*	
26 05 33 23-0019		EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	97.39	26.79
			For Combination Hinged Screw Cover, Add	*2.19*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021		LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	27.28	6.18
			For Combination Hinged Screw Cover, Add	*0.74*	
			For Concrete Or Masonry Surface, Add	*0.62*	
26 05 33 23-0022		LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	48.16	6.18
			For Combination Hinged Screw Cover, Add	*1.79*	
			For Concrete Or Masonry Surface, Add	*0.62*	
26 05 33 23-0023		EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	14.30	4.95
			For Combination Hinged Screw Cover, Add	*0.22*	
26 05 33 23-0024		EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	25.02	10.30
			For Combination Hinged Screw Cover, Add	*0.22*	
26 05 33 23-0025		EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	58.13	20.53
			For Combination Hinged Screw Cover, Add	*0.86*	
26 05 33 23-0026		EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	75.95	20.53
			For Combination Hinged Screw Cover, Add	*1.75*	
26 05 33 23-0027		EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	114.06	25.64
			For Combination Hinged Screw Cover, Add	*3.14*	
26 05 33 23-0028		EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	125.16	29.68
			For Combination Hinged Screw Cover, Add	*3.29*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030		LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	41.41	6.76
			For Combination Hinged Screw Cover, Add	*1.40*	
			For Concrete Or Masonry Surface, Add	*0.67*	
26 05 33 23-0031		LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	71.14	6.76
			For Combination Hinged Screw Cover, Add	*2.88*	
			For Concrete Or Masonry Surface, Add	*0.67*	
26 05 33 23-0032		EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	15.68	5.36
			For Combination Hinged Screw Cover, Add	*0.25*	
26 05 33 23-0033		EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	27.22	11.13
			For Combination Hinged Screw Cover, Add	*0.25*	
26 05 33 23-0034		EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	64.65	22.59
			For Combination Hinged Screw Cover, Add	*0.97*	
26 05 33 23-0035		EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	93.58	22.59
			For Combination Hinged Screw Cover, Add	*2.42*	
26 05 33 23-0036		EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	134.79	27.87
			For Combination Hinged Screw Cover, Add	*3.95*	
26 05 33 23-0037		EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	184.10	33.80
			For Combination Hinged Screw Cover, Add	*5.82*	

26 05 33 23-0038 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0039		LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	58.57	7.83
			For Combination Hinged Screw Cover, Add	*2.14*	
			For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0040		LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	98.79	7.83
			For Combination Hinged Screw Cover, Add	*4.15*	
			For Concrete Or Masonry Surface, Add	*0.79*	
26 05 33 23-0041		EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	20.89	6.18
			For Combination Hinged Screw Cover, Add	*0.43*	
26 05 33 23-0042		EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	33.26	12.37
			For Combination Hinged Screw Cover, Add	*0.43*	
26 05 33 23-0043		EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	81.77	24.57
			For Combination Hinged Screw Cover, Add	*1.63*	
26 05 33 23-0044		EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	139.18	24.57
			For Combination Hinged Screw Cover, Add	*4.50*	
26 05 33 23-0045		EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	205.50	31.00
			For Combination Hinged Screw Cover, Add	*7.18*	
26 05 33 23-0046		EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	285.81	35.04
			For Combination Hinged Screw Cover, Add	*10.79*	

26 05 33 23-0047 12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0048		LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	68.98	9.48
			For Combination Hinged Screw Cover, Add	*2.50*	
			For Concrete Or Masonry Surface, Add	*0.95*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	109.41	9.48
		For Combination Hinged Screw Cover, Add	*4.52*	
		For Concrete Or Masonry Surface, Add	*0.95*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	26.22	6.60
		For Combination Hinged Screw Cover, Add	*0.65*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	39.41	13.19
		For Combination Hinged Screw Cover, Add	*0.65*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	102.87	26.79
		For Combination Hinged Screw Cover, Add	*2.46*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	178.89	26.79
		For Combination Hinged Screw Cover, Add	*6.26*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	229.43	32.98
		For Combination Hinged Screw Cover, Add	*8.17*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	360.43	37.10
		For Combination Hinged Screw Cover, Add	*14.31*	

26 05 33 23-0056 Surface Metal Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0057 One Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0058 3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0059	LF	#500, 3/4" x 17/32" One Piece Surface Metal Raceway	3.62	1.23
		For Concrete Or Masonry Surface, Add	*0.12*	
26 05 33 23-0060	EA	#502 Bushing	3.58	1.65
26 05 33 23-0061	EA	#504 One Or Two Hole Strap	3.61	1.65
26 05 33 23-0062	EA	#506 Connection Cover	3.74	1.65
26 05 33 23-0063	EA	#511 Flat 90 Degree Elbow	5.65	1.97
26 05 33 23-0064	EA	#512 Flat 45 Degree Elbow	9.31	2.06
26 05 33 23-0065	EA	#517 Adjustable Internal Elbow	7.03	2.48
26 05 33 23-0066	EA	#518 Adjustable External Elbow	6.88	2.48

26 05 33 23-0067 3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*

Note: Available in ivory and white.

26 05 33 23-0068	LF	#700, 3/4" x 21/32" One Piece Surface Metal Raceway	4.58	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0069	EA	#702 Bushing	3.67	1.65
26 05 33 23-0070	EA	#704 One Or Two Hole Strap	3.78	1.65
26 05 33 23-0071	EA	#706 Connection Cover	3.80	1.65
26 05 33 23-0072	EA	#711 Flat 90 Degree Elbow	8.35	3.30
26 05 33 23-0073	EA	#712 Flat 45 Degree Elbow	12.99	3.30
26 05 33 23-0074	EA	#717 Adjustable Internal Elbow	8.99	3.30
26 05 33 23-0075	EA	#718 Adjustable External Elbow	8.69	3.30

26 05 33 23-0076 One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*

Note: Available in ivory.

26 05 33 23-0077	EA	#5700F 18" Flex Fitting, For #500 Or 700	24.35	2.48
26 05 33 23-0078	EA	#5701 Galvanized Coupling, For #500 Or 700	3.76	1.65
26 05 33 23-0079	EA	#5703 Supporting Clip, For #500 Or 700	3.76	1.65
26 05 33 23-0080	EA	#5709 Ground Clamp	10.72	2.48
26 05 33 23-0081	EA	#5709GC Grounding Connector	9.08	2.48
26 05 33 23-0082	EA	#5711 L Or R (Left Or Right) Twisted Internal Ell	10.36	3.30
26 05 33 23-0083	EA	#5715 Tee	11.67	4.12
26 05 33 23-0084	EA	#5719 Corner Box, 2-1/2" x 2-3/8" x 2-1/2"	20.03	3.30
26 05 33 23-0085	EA	#57242 Utility Box For #500 Or #700	15.47	3.30
26 05 33 23-0086	EA	#5731 Blank Cover, 2-3/8" Diameter	8.33	2.06
26 05 33 23-0087	EA	#5733 Outlet Box, 3" Diameter	19.10	3.30
26 05 33 23-0088	EA	#5735 Distribution Box, 4-3/4" Square x 1-3/8" Deep	19.02	3.30
26 05 33 23-0089	EA	#5736 Blank Cover, 4-3/8"	8.83	2.06
26 05 33 23-0090	EA	#5737 Extension Box/Open Base, 4-3/4" Diameter	17.30	3.30
26 05 33 23-0091	EA	#5737A Extension Box/Open Base, 5-1/2" Diameter	16.71	3.30
26 05 33 23-0092	EA	#5738 Fixture Box/Solid Base, 4-3/4" Diameter	16.85	3.30
26 05 33 23-0093	EA	#5738A Fixture Box/Solid Base, 5-1/2" Diameter	16.85	3.30
26 05 33 23-0094	EA	#5738AF Fan Box/Solid Base, 5-1/2" Diameter	19.02	3.30
26 05 33 23-0095	EA	#5739 Fixture Box/Solid Base, 6-3/8"	18.79	3.30
26 05 33 23-0096	EA	#5739A Extension Box/Open Base, 6-3/8" Diameter	20.04	3.30
26 05 33 23-0097	EA	#57240 Standard Switch Box For #500, Or #700	22.70	5.36
26 05 33 23-0098	EA	#57243G Duplex Receptacle And Box, Ground, For #500 Or #700	36.03	10.30
26 05 33 23-0099	EA	#5741 Switch And Receptacle Box For Shallow Type Switches, 2-13/16" x 4-5/8" x 1-3/8"	17.22	5.36
26 05 33 23-0100	EA	#5744 Extra Deep Switch And Receptacle Box, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4"	27.09	5.36
26 05 33 23-0101	EA	#5744-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4"	31.01	5.36
26 05 33 23-0102	EA	#5744-3 Extra Deep Switch And Receptacle Box, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4"	46.94	5.36
26 05 33 23-0103	EA	#5744S Signal Box 1 Gang	24.53	4.53
26 05 33 23-0104	EA	#5744S-2 Signal Box 2 Gang	27.35	4.53
26 05 33 23-0105	EA	#5744S-3 Signal Box 3 Gang	43.73	4.53
26 05 33 23-0106	EA	#5745 Combination Switch And Receptacle Box With 1/2" KO's, 4-5/8" x 2-7/8" x 1-3/4"	17.97	5.36
26 05 33 23-0107	EA	#5747 Shallow Switch And Receptacle Box For Standard Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8"	15.83	5.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0108	EA	#5747-2 Shallow Switch And Receptacle Box For Standard Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8"	22.16	5.36
26 05 33 23-0109	EA	#5747-3 Shallow Switch And Receptacle Box For Standard Shallow Devices, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4"	42.87	5.36
26 05 33 23-0110	EA	#5748 Switch And Receptacle Box For Deep Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4"	16.91	5.36
26 05 33 23-0111	EA	#5748-2 Switch And Receptacle Box For Deep Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4"	23.45	5.36
26 05 33 23-0112	EA	#5748-3 Switch And Receptacle Box For Deep Devices, 3 Gang, 4-5/8" x 6-1/2" x 1-3/4"	41.68	5.36
26 05 33 23-0113	EA	#5748-4 Switch And Receptacle Box For Deep Devices, 4 Gang, 4-5/8" x 8-11/32" x 1-3/4"	61.73	5.36
26 05 33 23-0114	EA	#5748-5 Switch And Receptacle Box For Deep Devices, 5 Gang, 4-5/8" x 10-5/32" x 1-3/4"	101.61	5.36
26 05 33 23-0115	EA	#5748-6 Switch And Receptacle Box For Deep Devices, 6 Gang, 4-5/8" x 11-31/32" x 1-3/4"	103.39	5.36
26 05 33 23-0116	EA	#5748-S Shallow Switch And Receptacle Box For Shallow Duplex Devices, 4-3/8" x 2-7/8" x 15/16"	16.70	5.36
26 05 33 23-0117	EA	#5751 Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 15/16"	16.25	5.36
26 05 33 23-0118	EA	#5751-2 Flush-Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 15/16"	21.52	5.36
26 05 33 23-0119	EA	#5751-3 Flush-Type Extension Adapter, 3 Gang, 4-5/8" x 6-1/2" x 15/16"	42.08	5.36
26 05 33 23-0120	EA	#5751A Deep Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4"	17.54	5.36
26 05 33 23-0121	EA	#5752 Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 1-3/8"	22.63	5.36
26 05 33 23-0122	EA	#5753 Extra Deep Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 2-3/4"	32.49	5.36
26 05 33 23-0123	EA	#5760 Blank Extension Box	11.30	2.06
26 05 33 23-0124	EA	#5780 Special Nipple, 1/2"	10.77	2.06
26 05 33 23-0125	EA	#5781 1/2" Box Connector	7.19	2.06
26 05 33 23-0126	EA	#5781A 3/4" Box Connector	13.51	2.48
26 05 33 23-0127	EA	#5782 1/2" Conduit Connector	7.26	2.06
26 05 33 23-0128	EA	#5782A 3/4" Conduit Connector	16.89	2.48
26 05 33 23-0129	EA	#5784 1/2" Elbow Conduit Connector	15.15	2.48
26 05 33 23-0130	EA	#5785 Combination Connector, To Any 3-1/4" Or 4" Outlet Box	8.48	2.48
26 05 33 23-0131	EA	#5786 Offset Connector	14.07	2.48
26 05 33 23-0132	EA	#5790B Armor Cable Connector	7.37	2.06
26 05 33 23-0133	EA	#5791 1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700	6.51	1.65
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0135	LF	#1500-10, 1-9/16" x 11/32" One Piece Surface Metal Raceway	6.51	2.06
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0136	EA	#1500WC Wire Clip	4.09	1.65
26 05 33 23-0137	EA	#1502 Bushing	4.85	2.06
26 05 33 23-0138	EA	#1504 2-Hole Strap	5.51	2.48
26 05 33 23-0139	EA	#1511 Flat Elbow	21.15	7.83
26 05 33 23-0140	EA	#1517 Internal Elbow	21.83	7.83
26 05 33 23-0141	EA	#1517B Adapter Fitting	23.41	7.83
26 05 33 23-0142	EA	#1518 External Elbow	23.27	7.83
26 05 33 23-0143	EA	#1528 Utility Box	20.85	5.36
26 05 33 23-0144	EA	#1542D Junction Box	21.49	5.36
26 05 33 23-0145	EA	#1543GL Duplex Receptacle	42.09	10.30
26 05 33 23-0146	EA	#1546A Single Receptacle Box	22.11	5.36
26 05 33 23-0147	EA	#1546B Duplex Receptacle Box	26.93	5.36
26 05 33 23-0148	EA	#1546T Telephone Box	26.43	5.36
26 05 33 23-0149	EA	#1585 Combination Connection	12.77	2.48
26 05 33 23-0150		2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0151	LF	#2600-10, 2-7/32" x 28/32" One Piece Surface Metal Raceway	11.17	3.71
		For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0152	EA	#2600WC Wire Clip	4.20	1.65
26 05 33 23-0153	EA	#2602 Fiber Bushing	4.70	1.65
26 05 33 23-0154	EA	#2611 2-5/8 90 Degree Flat Elbow	16.98	2.89
26 05 33 23-0155	EA	#2642D Junction Box, 5" Diameter	25.43	4.12
26 05 33 23-0156	EA	#2686FO Service Fitting	24.88	4.95
26 05 33 23-0157		Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0158		1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159	LF	#2000BC, 1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover	6.45	2.06
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0160	EA	#2000WC Wire Clip	3.08	1.65
26 05 33 23-0161	EA	#2001 Coupling	8.17	2.06
26 05 33 23-0162	EA	#2003 Supporting Clip	4.00	1.23
26 05 33 23-0163	EA	#2006 Cover Clip	3.71	1.23
26 05 33 23-0164	EA	#2009 Ground Clamp	9.68	2.06
26 05 33 23-0165	EA	#2010A2 Entrance End Fitting	19.02	6.18
26 05 33 23-0166	EA	#2010A3 Entrance End Fitting	32.66	8.25
26 05 33 23-0167	EA	#2010B Blank End Fitting	5.02	2.06
26 05 33 23-0168	EA	#2011 Flat 90 Degree Elbow	16.35	5.36
26 05 33 23-0169	EA	#2015 Tee	30.12	7.75
26 05 33 23-0170	EA	#2017TC Internal Corner Coupling	10.43	4.12
26 05 33 23-0171	EA	#2048 Single Gang device Box	24.79	7.34
26 05 33 23-0172	EA	#2048-2 2-Gang device Box	39.33	8.16
26 05 33 23-0173	EA	#2051H Flush Plate Adapter	26.86	8.16
26 05 33 23-0174	EA	#2089 Side Reducing Connector	22.32	4.12
26 05 33 23-0175	EA	#2089E End Reducing Connector	9.18	2.06

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*			
		Note: Available in gray enamel (G) or ivory (V).			
26 05 33 23-0177	LF	#2400B, 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base		5.45	2.06
		For Concrete Or Masonry Surface, Add		*0.21*	
26 05 33 23-0178	LF	#2400BD, 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base		5.98	2.06
		For Concrete Or Masonry Surface, Add		*0.21*	
26 05 33 23-0179	LF	#2400C Raceway Cover		2.18	0.41
26 05 33 23-0180	EA	#2400WC Wire Clip		3.06	1.65
26 05 33 23-0181	EA	#2401 Coupling		8.08	2.06
26 05 33 23-0182	EA	#2401D Divided Raceway Coupling		6.67	2.06
26 05 33 23-0183	EA	#2406 Cover Clip		3.70	1.23
26 05 33 23-0184	EA	#2407-2CM Device Bracket Frame		27.54	6.18
26 05 33 23-0185	EA	#2407-2TJ Device Bracket Frame		26.38	6.18
26 05 33 23-0186	EA	#2409 Ground Clamp		7.22	1.65
26 05 33 23-0187	EA	#2410A End Fitting		18.04	6.18
26 05 33 23-0188	EA	#2410B Blank End		5.04	2.06
26 05 33 23-0189	EA	#2410BD Divided Blank End Fitting		5.11	2.06
26 05 33 23-0190	EA	#2410C Entrance End Fitting		27.43	6.18
26 05 33 23-0191	EA	#2410D Divided Entrance End Fitting		26.30	6.18
26 05 33 23-0192	EA	#2410DFO Divided Entrance End Fitting		43.12	6.18
26 05 33 23-0193	EA	#2410FC Full Cap Entrance End Fitting		33.03	6.18
26 05 33 23-0194	EA	#2411D Divided Flat 90 Degree Elbow		20.23	6.18
26 05 33 23-0195	EA	#2411DFO Radiused Divided Flat 90 Degree Elbow		32.41	6.18
26 05 33 23-0196	EA	#2411FO Radiused Flat 90 Degree Elbow		29.02	6.10
26 05 33 23-0197	EA	#2411M Flat 90 Degree Elbow		19.28	6.18
26 05 33 23-0198	EA	#2415DFO Radiused Divided Tee		34.77	6.10
26 05 33 23-0199	EA	#2415FO Radiused Tee		33.06	6.10
26 05 33 23-0200	EA	#2415M Tee		22.86	6.10
26 05 33 23-0201	EA	#2417D Divided Internal Coupling		19.06	6.10
26 05 33 23-0202	EA	#2417DFO Radiused Divided Internal Coupling		29.96	6.10
26 05 33 23-0203	EA	#2417FO Radiused Internal Coupling		29.07	6.10
26 05 33 23-0204	EA	#2418DFO Radiused Divided External Coupling		32.58	6.10
26 05 33 23-0205	EA	#2418FO Radiused External Coupling		32.05	6.10
26 05 33 23-0206	EA	#2417M Internal Coupling		18.47	6.10
26 05 33 23-0207	EA	#2418M External Coupling		22.47	6.10
26 05 33 23-0208	EA	#2444 Extra Deep Switch And Receptacle, 1 Gang		29.63	5.36
26 05 33 23-0209	EA	#2444-2 Extra Deep Switch And Receptacle Box, 2 Gang		32.92	5.36
26 05 33 23-0210	EA	#2444-2LS Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang		33.08	5.36
26 05 33 23-0211	EA	#2444D Divided Extra Deep Switch And Receptacle, 1 Gang		31.69	5.36
26 05 33 23-0212	EA	#2444D-2A Divided Extra Deep Switch And Receptacle Box, 2 Gang		44.78	5.36
26 05 33 23-0213	EA	#2444D-2N Divided Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang		39.40	5.36
26 05 33 23-0214	EA	#2448 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4"		20.73	5.36
26 05 33 23-0215	EA	#2448-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4"		32.19	5.36
26 05 33 23-0216	EA	#2450 Adapter Plate, Device Bracket Type		9.88	2.06
26 05 33 23-0217	EA	#2451H 4-1/2" x 4-1/2" Back Feed Fitting		23.40	6.18
26 05 33 23-0218	EA	#2475D Bridge Fitting 2400/700/500		69.89	6.18
26 05 33 23-0219	EA	#2489 Side Reducing Connector		20.32	3.30
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*			
		Note: Available in gray enamel (G) or ivory (V).			
26 05 33 23-0221	LF	#3000B, 2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base		10.48	3.71
		For Concrete Or Masonry Surface, Add		*0.37*	
26 05 33 23-0222	LF	#3000CE Raceway Cover		2.41	0.41
26 05 33 23-0223	EA	#3000WC Wire Clips For Conductors		3.98	1.65
26 05 33 23-0224	EA	#3001 Couplings		10.35	1.65
26 05 33 23-0225	EA	#3001A Rigid Inside Coupling		9.99	2.06
26 05 33 23-0226	EA	#3003 Supporting Clip		7.46	2.06
26 05 33 23-0227	EA	#3006E Clip Cover		4.36	1.65
26 05 33 23-0228	EA	#3007C Device Brackets		11.12	3.30
26 05 33 23-0229	EA	#3008C C-Hanger		10.93	2.48
26 05 33 23-0230	EA	#3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors		25.79	7.83
26 05 33 23-0231	EA	#3010B Blank End Fittings		9.51	3.30
26 05 33 23-0232	EA	#3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit		28.42	7.83
26 05 33 23-0233	EA	#3011E Flat 90 Degree Elbow		42.45	10.22
26 05 33 23-0234	EA	#3014C Wall Box Connector		30.78	10.30
26 05 33 23-0235	EA	#3015E Tee Fitting		58.16	12.78
26 05 33 23-0236	EA	#3017TCE Internal Corner Coupling		27.80	7.83
26 05 33 23-0237	EA	#3018AE External Corner		34.00	7.83
26 05 33 23-0238	EA	#3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4"		24.64	7.83
26 05 33 23-0239	EA	#3028 Utility Box		40.86	7.83
26 05 33 23-0240	EA	#3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57"		13.11	2.06
26 05 33 23-0241	EA	#3036HE Blank Cover		14.31	2.06
26 05 33 23-0242	EA	#3040CE Switch Cover		13.07	2.06
26 05 33 23-0243	EA	#3043BE Duplex Receptacle Cover		12.72	2.48
26 05 33 23-0244	EA	#3043GE 15 Amp, 125 Volt Duplex Grounding Receptacle And Cover		35.69	10.72
26 05 33 23-0245	EA	#3044-2 Extra Deep Switch And Receptacle Box, 2 Gang		45.84	7.83
26 05 33 23-0246	EA	#3046BE Duplex Receptacle Cover		13.24	2.48
26 05 33 23-0247	EA	#3046H-2 Tap Off Fitting		12.29	2.06
26 05 33 23-0248	EA	#3046KD Circuit Breaker Housing, 1-15/16" Deep x 6" Long		46.88	4.95
26 05 33 23-0249	EA	#3046KTSQ Circuit Breaker Housing, 2-3/4" Deep x 7-3/8" Long		110.85	4.95
26 05 33 23-0250	EA	#3046QOU Circuit Breaker Housing, 1-13/16" Deep x 7-3/8" Long		41.15	4.95
26 05 33 23-0251	EA	#3046S Bump Up Device Plate Cover, 1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide		44.32	4.95
26 05 33 23-0252	EA	#3046U Bump Up Device Plate Cover, 1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide		44.32	4.95

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0253		EA	#3048R Rectangular Receptacle Cover	14.55	2.48
26 05 33 23-0254			4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255		LF	#4000B-10, 4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base	12.77	3.71
			For Concrete Or Masonry Surface, Add	*0.40*	
26 05 33 23-0256		LF	#4000C Raceway Cover	4.42	0.41
26 05 33 23-0257		LF	#4000D Divider	2.17	0.41
26 05 33 23-0258		EA	#4000WC Wire Clips For Conductors	4.86	2.06
26 05 33 23-0259		EA	#4001A Couplings	12.69	2.48
26 05 33 23-0260		EA	#4001D Divider Clip	6.07	2.48
26 05 33 23-0261		EA	#4006 Seam Clip	6.17	2.48
26 05 33 23-0262		EA	#4007C-1 Device Plate, 1 Gang	57.46	5.36
26 05 33 23-0263		EA	#4007C-1R Single Device Fitting	60.85	5.36
26 05 33 23-0264		EA	#4007C-2 Device Plate, 2 Gang	64.84	5.36
26 05 33 23-0265		EA	#4010B Blank End Fittings	13.40	3.30
26 05 33 23-0266		EA	#4010DFO Entrance End Fitting	51.44	12.70
26 05 33 23-0267		EA	#4011 Flat 90 Degree Elbow	47.62	10.30
26 05 33 23-0268		EA	#4011FO Radiused Flat 90 Degree Elbow	55.99	10.30
26 05 33 23-0269		EA	#4012TX Internal Or External 45 Degree Elbow	52.07	12.78
26 05 33 23-0270		EA	#4014A Wall Box Connector	68.82	12.78
26 05 33 23-0271		EA	#4015 Tee Fitting	76.17	12.78
26 05 33 23-0272		EA	#4015D Divided Tee Fitting	79.13	12.78
26 05 33 23-0273		EA	#4015DFO Radiused Full Capacity Divided Tee Fitting	94.16	12.78
26 05 33 23-0274		EA	#4015FO Radiused Tee Fitting	94.45	12.78
26 05 33 23-0275		EA	#4017 Internal Elbow	42.63	12.78
26 05 33 23-0276		EA	#4017FO Internal Elbow	74.87	12.78
26 05 33 23-0277		EA	#4017N Inverted Internal Elbow	47.07	12.78
26 05 33 23-0278		EA	#4017TCA Internal Corner Coupling	40.29	12.78
26 05 33 23-0279		EA	#4018 External Elbow	62.78	12.78
26 05 33 23-0280		EA	#4018FO Radiused External Elbow	72.57	12.78
26 05 33 23-0281		EA	#4046ARJ Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover	60.67	5.36
26 05 33 23-0282		EA	#4046B-2 Double Duplex Receptacle Outlet Cover	64.29	5.36
26 05 33 23-0283		EA	#4046DRJ Duplex Receptacle And Two RJ11/45 Modular Connector Cover	64.29	5.36
26 05 33 23-0284		EA	#4046DRJ-2 Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover	85.72	5.36
26 05 33 23-0285		EA	#4046H-2 Tap-Off Fitting	18.54	5.36
26 05 33 23-0286		EA	#4046JRJ Combination Single Receptacle And Phone Outlet Center	54.90	2.48
26 05 33 23-0287		EA	#4046RRJ Rectangular Receptacle And Two RJ11/45 Modular Connector Cover	65.79	5.36
26 05 33 23-0288		EA	#4050 Device Mounting Bracket	20.63	5.36
26 05 33 23-0289		EA	#4074A Take-off Connector, #4000 To #3000	95.58	12.78
26 05 33 23-0290		EA	#4075D Bridge Fitting	86.29	12.78
26 05 33 23-0291		EA	#4075DA Bridge Fitting	86.29	12.78
26 05 33 23-0292		EA	#4086A Panel Connector	71.24	24.32
26 05 33 23-0293		EA	#4089 Reducing Connector Fitting	43.56	12.78
26 05 33 23-0294			4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0295		LF	#6000B-10, 4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base	18.50	4.53
			For Concrete Or Masonry Surface, Add	*0.45*	
26 05 33 23-0296		LF	#6000C Raceway Cover	5.28	1.23
26 05 33 23-0297		LF	#6000DA Divider	5.53	1.23
26 05 33 23-0298		EA	#6000WC Wire Clips For Conductors	5.60	2.06
26 05 33 23-0299		EA	#6001A Couplings	15.62	4.12
26 05 33 23-0300		EA	#6001D Divider Clip	7.20	2.06
26 05 33 23-0301		EA	#6001TX Converter Coupling	19.90	5.36
26 05 33 23-0302		EA	#6006 Connection Cover	18.93	5.36
26 05 33 23-0303		EA	#6007C-1 Single Gang Device Plate	19.82	5.36
26 05 33 23-0304		EA	#6007C-2 Two Gang Device Plate	21.63	5.36
26 05 33 23-0305		EA	#6008A C-Hanger	31.44	7.83
26 05 33 23-0306		EA	#6010B Blank End Fittings	34.38	12.37
26 05 33 23-0307		EA	#6011TX Combination Flat Elbow	63.22	12.37
26 05 33 23-0308		EA	#6012TX Internal - External 45 Degree Elbow	64.22	11.87
26 05 33 23-0309		EA	#6014A Connector Fitting	91.11	12.78
26 05 33 23-0310		EA	#6017TX Combination Internal-External Elbow	65.64	14.01
26 05 33 23-0311		EA	#6046KD Circuit Breaker Housing	113.08	14.01
26 05 33 23-0312		EA	#6074 Take-off Connector, #6000 To #6000	108.99	12.37
26 05 33 23-0313		EA	#6074A Take-off Connector, #6000 To #4000	117.79	12.37
26 05 33 23-0314		EA	#6086 Panel Connector	73.97	28.69
26 05 33 23-0315			Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0316			1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*		
26 05 33 23-0317		LF	#AL2000B, 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base	8.16	2.06
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0318		LF	#AL2000C Aluminum Raceway Cover	4.02	0.41
26 05 33 23-0319		EA	#AL2000WC Wire Clip	3.98	1.65
26 05 33 23-0320		EA	#AL2001 Coupling	8.84	2.06
26 05 33 23-0321		EA	#AL2003 Supporting Clip	4.30	1.23

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0322	EA	#AL2006 Cover Clip	5.43	1.23
26 05 33 23-0323	EA	#AL2009 Ground Clamp	7.78	2.06
26 05 33 23-0324	EA	#AL2010A Entrance End Fitting	21.77	6.18
26 05 33 23-0325	EA	#AL2010B Blank End Fitting	7.04	2.06
26 05 33 23-0326	EA	#AL2011 Flat 90 Degree Elbow	25.11	5.36
26 05 33 23-0327	EA	#AL2015 Tee	34.08	7.75
26 05 33 23-0328	EA	#AL2017 Internal Corner Elbow	22.67	4.12
26 05 33 23-0329	EA	#AL2018 External Corner Elbow	22.62	4.12
26 05 33 23-0330	EA	#AL2043 In-Line Receptacle, Two 15 Amp	37.10	8.16
26 05 33 23-0331	EA	#AL2038 4-13/16" Round Fixture Box	85.14	7.34
26 05 33 23-0332	EA	#AL2044 4-1/2" x 3" x 2-1/4" D Box	38.13	7.34
26 05 33 23-0333	EA	#AL2044-2 4-5/8" x 4-7/8" x 2-1/2" D Box	78.50	8.16
26 05 33 23-0334	EA	#AL2047 Single Gang Shallow Device Box	39.47	7.34
26 05 33 23-0335	EA	#AL2047-2 2-Gang Shallow Device Box	69.46	8.16
26 05 33 23-0336	EA	#AL2051H Flush Plate Adapter	30.09	8.16

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)

(26 05 33 23-0315)

26 05 33 23-0338	LF	#AL2400B, 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base	8.92	2.06
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0339	LF	#AL2400C Aluminum Raceway Cover	4.01	0.41
26 05 33 23-0340	EA	#AL2400WC Wire Clip	5.29	1.65
26 05 33 23-0341	EA	#AL2401 Coupling	10.08	2.06
26 05 33 23-0342	EA	#AL2406 Cover Clip	6.82	1.23
26 05 33 23-0343	EA	#AL2409 Ground Clamp	6.02	1.65
26 05 33 23-0344	EA	#AL2410B Blank End	7.63	2.06
26 05 33 23-0345	EA	#AL2410B2 End Fitting	16.61	6.18
26 05 33 23-0346	EA	#AL2411 Flat 90 Degree Elbow	29.55	6.18
26 05 33 23-0347	EA	#AL2415 Tee	32.12	6.10
26 05 33 23-0348	EA	#AL2416 Fourway Fitting	37.58	6.10
26 05 33 23-0349	EA	#AL2417 Internal Coupling	29.43	6.10
26 05 33 23-0350	EA	#AL2418 External Coupling	31.62	6.10
26 05 33 23-0351	EA	#AL2451H 4-1/2" x 4-1/2" Back Feed Fitting	26.46	6.18

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*

26 05 33 23-0353	LF	#AL3300B, 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base	15.46	3.71
		For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0354	LF	#AL3300CE Aluminum Raceway Cover	4.47	0.41
26 05 33 23-0355	LF	#AL3300D Raceway Divider	3.70	3.71
26 05 33 23-0356	EA	#AL3300WC Wire Clips For Conductors	7.28	1.65
26 05 33 23-0357	EA	#AL3301 Couplings	13.41	1.65
26 05 33 23-0358	EA	#AL3301D Divider Coupling	11.04	2.06
26 05 33 23-0359	EA	#AL3309 Ground Clamp	7.45	1.65
26 05 33 23-0360	EA	#AL3310B Blank End Fittings	15.49	3.30
26 05 33 23-0361	EA	#AL3310B1 End Fitting	25.46	7.83
26 05 33 23-0362	EA	#AL3311 Flat 90 Degree Elbow Note: Includes two (2) AL3301 couplings.	75.81	10.22
26 05 33 23-0363	EA	#AL3315 Tee Fitting Note: Includes three (3) AL3301 couplings.	87.08	12.78
26 05 33 23-0364	EA	#AL3316 Cross Fitting Note: Includes four (4) AL3301 couplings.	98.29	12.78
26 05 33 23-0365	EA	#AL3317 Internal Elbow Note: Includes two (2) AL3301 couplings.	70.83	7.83
26 05 33 23-0366	EA	#AL3318 External Elbow Note: Includes two (2) AL3301 couplings.	70.91	7.83
26 05 33 23-0367	EA	#AL3346D Duplex Receptacle Cover	15.81	2.48
26 05 33 23-0368	EA	#AL3346E Single Receptacle Cover	15.71	2.48
26 05 33 23-0369	EA	#AL3346G GFCI/Surge Receptacle Cover	15.54	2.48
26 05 33 23-0370	EA	#AL3356R Single Device Cover Plate	15.50	2.06

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

26 05 33 23-0372	LF	#AL5200B-10, 5" x 2" Two Piece Surface Aluminum Raceway Base	20.16	3.71
		For Concrete Or Masonry Surface, Add	*0.40*	
26 05 33 23-0373	LF	#AL5200C Aluminum Raceway Cover	8.36	0.41
26 05 33 23-0374	LF	#AL5200D Divider	4.89	0.41
26 05 33 23-0375	EA	#AL5200WC Wire Clips For Conductors	6.69	2.06
26 05 33 23-0376	EA	#AL5200WC2 Wire Clips For Conductors	5.60	2.06
26 05 33 23-0377	EA	#AL5200WC3 Wire Clips For Conductors	5.56	2.06
26 05 33 23-0378	EA	#AL5201 Couplings	12.96	2.48
26 05 33 23-0379	EA	#AL5206 Cover Clip	11.54	2.48
26 05 33 23-0380	EA	#AL5209 Ground Adapter	14.33	2.48
26 05 33 23-0381	EA	#AL5210B Blank End Fittings	15.17	3.30
26 05 33 23-0382	EA	#AL5210B1 Blank End Fittings	16.30	3.30
26 05 33 23-0383	EA	#AL5210B2 Blank End Fittings	16.55	3.30
26 05 33 23-0384	EA	#AL5210B3 Blank End Fittings	16.04	3.30
26 05 33 23-0385	EA	#AL5211 Flat 90 Degree Elbow Note: Includes two (2) pairs of AL5201 couplings.	84.21	10.30
26 05 33 23-0386	EA	#AL5214 Wall Box Connector	65.93	12.78
26 05 33 23-0387	EA	#AL5215 Tee Fitting Note: Includes three (3) pairs of AL5201 couplings.	98.50	12.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0388	EA	#AL5216 Four Way Fitting Note: Includes four (4) pairs of AL5201 couplings.	108.14	12.78
26 05 33 23-0389	EA	#AL5217 Internal Elbow Note: Includes two (2) pairs of AL5201 couplings.	87.28	12.78
26 05 33 23-0390	EA	#AL5217A Internal Corner Coupling	36.54	12.78
26 05 33 23-0391	EA	#AL5217N Inverted Internal Elbow	89.73	12.78
26 05 33 23-0392	EA	#AL5218 External Elbow. Note: Includes two (2) pairs of AL5201 couplings.	88.04	12.78
26 05 33 23-0393	EA	#AL5246B Blank Device Cover Plate	18.89	2.48
26 05 33 23-0394	EA	#AL5246D Receptacle Device Cover Plate	22.42	2.48
26 05 33 23-0395	EA	#AL5246DD Double Receptacle Device Cover Plate	26.64	2.48
26 05 33 23-0396	EA	#AL5246F Device Cover Plate	24.98	2.48
26 05 33 23-0397	EA	#AL5246G Device Cover Plate	23.05	2.48
26 05 33 23-0398	EA	#AL5260 Offset Divider	21.48	5.36

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)

(26 05 33 23-0315)

26 05 33 23-0400	LF	#ALA3800B-10 Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base	17.37	3.71
26 05 33 23-0401	EA	#ALA3806 Cover Clip	8.32	2.48
26 05 33 23-0402	EA	#ALA3810B Blank End Fittings	14.57	3.30
26 05 33 23-0403	EA	#ALA3810B1 Entrance End Cap Fittings	15.64	3.30
26 05 33 23-0404	EA	#ALA3811 Flat 90 Degree Elbow Note: Includes two (2) ALA01 couplings.	79.87	10.30
26 05 33 23-0405	EA	#ALA3815 Flat Tee Fitting Note: Includes three (3) ALA01 couplings.	82.50	12.78
26 05 33 23-0406	EA	#ALA3817 Internal Elbow Note: Includes two (2) ALA01 couplings.	80.45	12.78
26 05 33 23-0407	EA	#ALA3817N Inverted Internal Elbow Note: Includes two (2) ALA01 couplings.	94.61	12.78
26 05 33 23-0408	EA	#ALA3818 External Elbow Note: Includes two (2) ALA01 couplings.	81.50	12.78

26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

(26 05 33 23-0315)

26 05 33 23-0410	LF	#ALA4800B-10 Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base	27.20	3.71
26 05 33 23-0411	EA	#ALA4806 Cover Clip	11.77	2.48
26 05 33 23-0412	EA	#ALA4810B Blank End Fittings	15.43	3.30
26 05 33 23-0413	EA	#ALA4810B2 Entrance End Cap Fittings	17.17	3.30
26 05 33 23-0414	EA	#ALA4811 Flat 90 Degree Elbow Note: Includes four (4) ALA01 couplings.	100.34	10.30
26 05 33 23-0415	EA	#ALA4815 Flat Tee Fitting Note: Includes six (6) ALA01 couplings.	137.33	12.78
26 05 33 23-0416	EA	#ALA4817 Internal Elbow Note: Includes four (4) ALA01 couplings.	92.76	12.78
26 05 33 23-0417	EA	#ALA4817N Inverted Internal Elbow Note: Includes four (4) ALA01 couplings.	109.18	12.78
26 05 33 23-0418	EA	#ALA4818 External Elbow Note: Includes four (4) ALA01 couplings.	97.39	12.78

26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)*

26 05 33 23-0420	LF	#ALAC-5 3" Wide Aluminum Raceway Cover Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	5.86	0.41
26 05 33 23-0421	EA	#ALAWC Wire Clips	5.30	2.06
26 05 33 23-0422	EA	#ALA01 Slide Couplings	13.26	2.48
26 05 33 23-0423	EA	#ALA09 Grounding Adapter	11.33	2.48
26 05 33 23-0424	EA	#ALA11RI Bend Radius Control Insert For Flat Elbow	30.82	10.30
26 05 33 23-0425	EA	#ALA17A Internal Corner Coupling	36.78	12.78
26 05 33 23-0426	EA	#ALA17/18RI Bend Radius Control Insert For Internal And External Elbow	34.29	10.30
26 05 33 23-0427	EA	#ALA-BL Blank Cover Plate	14.29	2.48
26 05 33 23-0428	EA	#ALA-DR Duplex Receptacle Cover Plate	15.24	2.48
26 05 33 23-0429	EA	#ALA-E Single Receptacle Cover Plate, 1.40" Diameter Opening	15.86	2.48
26 05 33 23-0430	EA	#ALA-F Single Receptacle Cover Plate, 1.59" Diameter Opening	16.15	2.48
26 05 33 23-0431	EA	#ALA-G GFCI/Surge/Decorator Cover Plate	15.36	2.48
26 05 33 23-0432	EA	#ALA-J Single Receptacle Cover Plate, 2.13" Diameter Opening	15.88	2.48
26 05 33 23-0433	EA	#ALA-N Toggle Switch Cover Plate	16.29	2.48
26 05 33 23-0434	EA	#ALA-LPB Active LPB Cover Plate	20.89	2.48
26 05 33 23-0435	EA	#ALA-MAB Active MAB Cover Plate	19.63	2.48
26 05 33 23-0436	EA	#ALA-MABRT Ortronics Cover Plate	22.63	2.48
26 05 33 23-0437	EA	#ALA-SG 1-3/4" x 2-3/4" Cover Plate	15.43	2.48
26 05 33 23-0438	EA	#ALA-2A Active 2A Cover Plate	21.86	2.48
26 05 33 23-0439	EA	#ALA-ABRT Ortronics Communications Cover Plate	20.00	2.48
26 05 33 23-0440	EA	#ALA-Z 3/4" Grommet/Mousehole Cover Plate	16.25	2.48
26 05 33 23-0441	EA	#ALA-LPB3S2 Ortronics Low Profile Cover Plate	20.18	2.48

26 05 33 23-0442 Surface Metal Raceway, Preassembled With Outlets *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0443	LF	Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit	22.25	6.58
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0444	LF	Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit	17.29	4.69
		For Concrete Or Masonry Surface, Add	*0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0445	LF	Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit	16.23	4.96
		For Concrete Or Masonry Surface, Add	*0.49*	
26 05 33 23-0446	LF	Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit	17.97	4.69
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0447	LF	Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit	14.47	4.78
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0448	LF	Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits	20.19	4.69
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0449	LF	Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits	17.76	4.69
		For Concrete Or Masonry Surface, Add	*0.47*	
26 05 33 23-0450	LF	Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits	19.22	4.69
		For Concrete Or Masonry Surface, Add	*0.47*	

26 05 33 23-0451 Surface Non-Metallic Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0452 One Piece Surface Non-Metallic Raceways *(26 05 33 23-0451)*

Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).

26 05 33 23-0453 #400, 7/8" x 7/16" *(26 05 33 23-0452)*

26 05 33 23-0454	LF	#400BAC, 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover	5.39	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0455	EA	#400WC Wire Clip	3.74	1.65
26 05 33 23-0456	EA	#406 Cover Clip	4.02	1.65
26 05 33 23-0457	EA	#410B Blank End Clip	7.63	3.30
26 05 33 23-0458	EA	#411 Flat 90 Degree Elbow	9.37	3.30
26 05 33 23-0459	EA	#415 Tee	11.81	4.12
26 05 33 23-0460	EA	#417 Internal Elbow	9.15	3.30
26 05 33 23-0461	EA	#418 External Elbow	9.15	3.30

26 05 33 23-0462 #800, 1-5/16" x 7/16" *(26 05 33 23-0452)*

26 05 33 23-0463	LF	#800BAC, 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover	5.73	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0464	EA	#800WC Wire Clip	3.70	1.65
26 05 33 23-0465	EA	#806 Cover Clip	3.79	1.65
26 05 33 23-0466	EA	#810A2 Entrance End Fitting	11.99	3.30
26 05 33 23-0467	EA	#810B Blank End Fitting	7.47	3.30
26 05 33 23-0468	EA	#811 Flat 90 Degree Elbow	8.78	3.30
26 05 33 23-0469	EA	#815 Tee	11.03	4.12
26 05 33 23-0470	EA	#817 Internal Elbow	8.59	3.30
26 05 33 23-0471	EA	#818 External Elbow	8.59	3.30
26 05 33 23-0472	EA	#889A End Reducer, #800 To #400	9.82	3.30

26 05 33 23-0473 #2300, 2-1/4" x 11/16" *(26 05 33 23-0452)*

26 05 33 23-0474	LF	#2300BAC, 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover	6.68	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0475	LF	#2300BACD, 2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover	7.14	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0476	EA	#2300WC Wire Clip	3.91	1.65
26 05 33 23-0477	EA	#2306 Cover Clip	4.14	1.65
26 05 33 23-0478	EA	#2310A Entrance End Fitting	13.13	3.30
26 05 33 23-0479	EA	#2310B Blank End Fitting	7.93	3.30
26 05 33 23-0480	EA	#2310DFO Divided Entrance End Fitting	14.90	3.30
26 05 33 23-0481	EA	#2311 Flat 90 Degree Elbow	8.97	3.30
26 05 33 23-0482	EA	#2311DFO Divided Flat 90 Degree Elbow	9.72	3.30
26 05 33 23-0483	EA	#2315 Tee	11.15	4.12
26 05 33 23-0484	EA	#2317 Internal Elbow	8.97	3.30
26 05 33 23-0485	EA	#2317DFO Divided Internal Elbow	9.73	3.30
26 05 33 23-0486	EA	#2318 External Elbow	8.99	3.30
26 05 33 23-0487	EA	#2318DFO Divided External Elbow	9.87	3.30
26 05 33 23-0488	EA	#2389 End Reducer, #2300 To #400	9.88	3.30
26 05 33 23-0489	EA	#2389A End Reducer, #2300 To #800	10.36	3.30

26 05 33 23-0490 #400, #800 Or #2300 Fittings *(26 05 33 23-0452)*

26 05 33 23-0491	EA	#2336 Blank Cover, 4-1/2" Diameter	11.25	2.89
26 05 33 23-0492	EA	#2337A Extension Box, 5-1/2" Diameter	18.93	3.30
26 05 33 23-0493	EA	#2338-A Fixture Box, 5-1/2" Diameter	19.05	3.30
26 05 33 23-0494	EA	#2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide	17.08	3.30
26 05 33 23-0495	EA	#2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	19.97	3.30
26 05 33 23-0496	EA	#2344D Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide	18.71	3.30
26 05 33 23-0497	EA	#2344SD-2A Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide	20.42	3.30
26 05 33 23-0498	EA	#2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide	16.36	5.36
26 05 33 23-0499	EA	#2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide	18.90	5.36
26 05 33 23-0500	EA	#2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	17.10	5.36
26 05 33 23-0501	EA	#2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	20.93	5.36
26 05 33 23-0502	EA	#2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide	25.38	5.36
26 05 33 23-0503	EA	#2348AMP 1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide	23.96	5.36
26 05 33 23-0504	EA	#2348D 1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	21.54	5.36
26 05 33 23-0505	EA	#2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide	15.98	5.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0506		#2700, 3/4" x 3/8" *(26 05 33 23-0452)*		
26 05 33 23-0507	LF	#2700, 3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover	4.70	1.65
		For Concrete Or Masonry Surface, Add	*0.17*	
26 05 33 23-0508	EA	#2700WC 3/4" Wire Clip	1.95	0.82
26 05 33 23-0509	EA	#2706 Cover Clip	3.13	0.82
26 05 33 23-0510	EA	#2710B Blank End	4.77	1.65
26 05 33 23-0511	EA	#2711 Flat 90 Degree Elbow	5.63	2.06
26 05 33 23-0512	EA	#2715 Tee	8.94	3.71
26 05 33 23-0513	EA	#2717 Internal Elbow	6.46	2.48
26 05 33 23-0514	EA	#2718 External Elbow	6.45	2.48
26 05 33 23-0515	EA	#2786 Drop Ceiling Connector	7.62	2.89
26 05 33 23-0516		#2800, 1" x 1/2" *(26 05 33 23-0452)*		
26 05 33 23-0517	LF	#2800, 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover	5.90	2.06
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0518	EA	#2800WC 1" Wire Clip	2.86	1.23
26 05 33 23-0519	EA	#2806 Cover Clip	3.93	1.23
26 05 33 23-0520	EA	#2810B Blank End	5.57	2.06
26 05 33 23-0521	EA	#2811 Flat 90 Degree Elbow	7.28	2.89
26 05 33 23-0522	EA	#2811FO Radiused Flat 90 Degree Elbow	7.80	2.89
26 05 33 23-0523	EA	#2815 Tee	10.58	4.53
26 05 33 23-0524	EA	#2817 Internal Elbow	8.09	3.30
26 05 33 23-0525	EA	#2818 External Elbow	8.11	3.30
26 05 33 23-0526	EA	#2815FO Radiused Tee	11.28	4.53
26 05 33 23-0527	EA	#2817FO Radiused Internal Elbow	8.72	3.30
26 05 33 23-0528	EA	#2818FO Radiused External Elbow	8.63	3.30
26 05 33 23-0529	EA	#2886 Drop Ceiling Connector	9.13	3.71
26 05 33 23-0530	EA	#2889 2800-2700 Reducer	8.24	3.30
26 05 33 23-0531		#2900, 1-1/2" x 3/4" *(26 05 33 23-0452)*		
26 05 33 23-0532	LF	#2900, 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover	7.15	2.48
		For Concrete Or Masonry Surface, Add	*0.25*	
26 05 33 23-0533	EA	#2900WC 1-1/2" Wire Clip	3.77	1.65
26 05 33 23-0534	EA	#2906 Cover Clip	4.83	1.65
26 05 33 23-0535	EA	#2910B Blank End	6.48	2.48
26 05 33 23-0536	EA	#2911 Flat 90 Degree Elbow	8.14	3.30
26 05 33 23-0537	EA	#2915 Tee	11.43	4.95
26 05 33 23-0538	EA	#2915FO Radiused Tee	12.26	4.95
26 05 33 23-0539	EA	#2911FO Radiused Flat 90 Degree Elbow	8.95	3.30
26 05 33 23-0540	EA	#2917 Internal Elbow	8.96	3.71
26 05 33 23-0541	EA	#2917FO Radiused Internal Elbow	9.80	3.71
26 05 33 23-0542	EA	#2918 External Elbow	8.95	3.71
26 05 33 23-0543	EA	#2918FO Radiused External Elbow	10.03	3.71
26 05 33 23-0544	EA	#2986 Drop Ceiling Connector	9.09	3.71
26 05 33 23-0545	EA	#2989 2900-2800 Reducer	10.11	4.12
26 05 33 23-0546	EA	#2989A 2900-2700 Reducer	9.83	4.12
26 05 33 23-0547		Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0451)*		
		Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).		
26 05 33 23-0548		#5000, 5" x 1" *(26 05 33 23-0547)*		
26 05 33 23-0549	LF	#5000B, 5" x 1" Two Piece Surface Non-Metallic Raceway Base	11.34	3.71
		For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0550	LF	#5000C Cover, Black, Gray Or White	10.74	3.71
26 05 33 23-0551	LF	#5000COA Cover, Oak Veneer	20.89	3.71
26 05 33 23-0552	LF	#5000CW Cover, Maple Wood Veneer	16.88	3.71
26 05 33 23-0553	LF	#5000T Quarter Round Trim, Black, Gray Or White	1.54	0.41
26 05 33 23-0554	LF	#5000TOA Quarter Round Trim, Oak Veneer	6.63	0.41
26 05 33 23-0555	LF	#5000TW Quarter Round Trim, Maple Wood Veneer	4.08	0.41
26 05 33 23-0556	EA	#5001 Base Coupling	10.31	4.12
26 05 33 23-0557	EA	#5004 Blank/Coax Adapter	5.83	2.06
26 05 33 23-0558	EA	#5005 Low Voltage Blank Plate	7.84	2.48
26 05 33 23-0559	EA	#5006 Cover Clip	11.16	4.12
26 05 33 23-0560	EA	#5006A Internal Wire Guard	10.39	4.12
26 05 33 23-0561	EA	#5007C Device Bracket	11.98	4.12
26 05 33 23-0562	EA	#5007C-1 Device Plate	21.53	8.25
26 05 33 23-0563	EA	#5007C-2 Deep Device Plate	22.35	8.25
26 05 33 23-0564	EA	#5010 End Cap, Right Or Left	18.63	7.83
26 05 33 23-0565	EA	#5010A Entrance End Feed	36.65	12.78
26 05 33 23-0566	EA	#5017B Internal Base Elbow	25.14	10.30
26 05 33 23-0567	EA	#5017C Internal Cover Elbow	22.89	8.25
26 05 33 23-0568	EA	#5017WG Internal Elbow Wire Guard	15.58	6.18
26 05 33 23-0569	EA	#5018B External Base Elbow	25.08	10.30
26 05 33 23-0570	EA	#5018C External Cover Elbow	23.11	8.25
26 05 33 23-0571	EA	#5018WG External Elbow Wire Guard	10.16	4.12
26 05 33 23-0572		#5400, 5-1/4" x 1-11/16" *(26 05 33 23-0547)*		
26 05 33 23-0573	LF	#5400TB Two Compartment, 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base	12.24	3.71
		For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0574	LF	#5400C Full Width Cover	4.35	0.41

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0575		LF	#5400TC Twin Snap Cover	2.78	0.41
26 05 33 23-0576		EA	#5400TWC Twin Snap Cover Wire Clips	4.64	2.06
26 05 33 23-0577		EA	#5406A Cover Clip	7.94	2.48
26 05 33 23-0578		EA	#5406T Twin Cover Clip	6.64	2.48
26 05 33 23-0579		EA	#5406TB Base Seam Clip	5.90	2.48
26 05 33 23-0580		EA	#5408 L Or R (Left Or Right) Transition Fitting	45.43	12.78
26 05 33 23-0581		EA	#5410 End Cap	22.04	7.83
26 05 33 23-0582		EA	#5410DFO Radiused Divided Entrance Cap Fitting	43.56	12.78
26 05 33 23-0583		EA	#5411FO Radiused Flat 90 Degree Elbow	39.89	10.30
26 05 33 23-0584		EA	#5415 Tee Fitting	45.90	12.78
26 05 33 23-0585		EA	#5415FO Radiused Tee Fitting	48.13	12.78
26 05 33 23-0586		EA	#5417FO Radiused Internal Elbow	37.69	12.78
26 05 33 23-0587		EA	#5418 External Elbow	38.25	12.78
26 05 33 23-0588		EA	#5418FO Radiused External Elbow	38.77	12.78
26 05 33 23-0589		EA	#5450 5-5/32" x 6" Device Bracket	18.51	4.12
26 05 33 23-0590		EA	#5450A3 7-19/32" x 7-1/2" Device Bracket	24.61	4.12
26 05 33 23-0591		EA	#5450T 2-1/2" x 4-7/8" Twin Snap Device Bracket	14.00	4.12
26 05 33 23-0592		EA	#5474 Transition Fitting	39.81	12.78
26 05 33 23-0593			#5500, 6-11/16" x 1-11/16" *(26 05 33 23-0547)*		
26 05 33 23-0594		LF	#5500BD3 Three Compartment Divided, 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base	15.50	3.71
			For Concrete Or Masonry Surface, Add	*0.37*	
26 05 33 23-0595		LF	#5500C Cover	5.78	0.41
26 05 33 23-0596		EA	#5500WC Wire Clips	5.46	2.06
26 05 33 23-0597		EA	#5506 Cover Clip	9.00	2.48
26 05 33 23-0598		EA	#5506B Base Seam Clip Fitting	6.26	2.48
26 05 33 23-0599		EA	#5507AD Modular Furniture Adapter	8.36	2.48
26 05 33 23-0600		EA	#5507B Blank Faceplate	8.40	2.48
26 05 33 23-0601		EA	#5507D Duplex Receptacle Faceplate	8.44	2.48
26 05 33 23-0602		EA	#5507FRJ Dual RJ Connector Faceplate	8.44	2.48
26 05 33 23-0603		EA	#5507R Rectangular Receptacle Faceplate	8.35	2.48
26 05 33 23-0604		EA	#5507RJ Dual RJ Connector Faceplate	8.38	2.48
26 05 33 23-0605		EA	#5507S Rectangular Spacer Fitting	8.31	2.48
26 05 33 23-0606		EA	#5507SW Switch Faceplate	8.33	2.48
26 05 33 23-0607		EA	#5507T1 Twistlock Faceplate	8.40	2.48
26 05 33 23-0608		EA	#5507T2 Single Receptacle Faceplate	8.21	2.48
26 05 33 23-0609		EA	#5550 6-5/8" x 6" Device Bracket	22.37	4.12
26 05 33 23-0610		EA	#5550A4 9-5/8" x 7-1/2" Device Bracket	30.32	4.12
26 05 33 23-0611		EA	#5510 End Cap	24.09	7.83
26 05 33 23-0612		EA	#5510D Entrance End Fitting	50.09	12.78
26 05 33 23-0613		EA	#5511FO Radiused Flat 90 Degree Elbow	45.93	10.30
26 05 33 23-0614		EA	#5514A Backfeed Connector	36.55	10.30
26 05 33 23-0615		EA	#5515 Tee Fitting	52.74	12.78
26 05 33 23-0616		EA	#5517FO Radiused Internal Elbow	41.87	12.78
26 05 33 23-0617		EA	#5518 External Elbow	42.96	12.78
26 05 33 23-0618		EA	#5518FO Radiused External Elbow	45.25	12.78
26 05 33 23-0619		EA	#5574 Transition Fitting	40.77	12.78
26 05 33 23-0620		EA	#5574A Transition Fitting	55.62	12.78

26 05 36 Cable Trays For Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*
Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005		LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.25	8.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.70*	
26 05 36 00-0006		LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	26.13	9.29
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.84*	
26 05 36 00-0007		LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.51	10.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.01*	
26 05 36 00-0008		LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.37	10.64
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.25*	
26 05 36 00-0009		LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.00	11.00
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.49*	
26 05 36 00-0010		LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.99	12.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.04*	
26 05 36 00-0011		LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.16	14.52
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.41*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013		LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.09	8.48
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.60*	
26 05 36 00-0014		LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.87	9.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.73*	
26 05 36 00-0015		LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	26.65	9.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.94	10.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.03*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.92	10.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.20*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.19	12.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.59*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.58	13.53
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.83*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	22.34	8.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.54*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.05	8.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.58*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	25.15	9.20
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.75*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.30	9.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.92*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.24	9.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.10*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.85	10.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.29*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.29	11.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.45*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.63	8.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.49*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	22.08	8.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.52*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	23.35	8.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.62*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.69	9.11
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.71*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	25.48	9.11
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.79*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.00	9.83
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.98*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.48	10.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.09*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.30	7.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.47*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	21.69	8.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.50*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	22.96	8.48
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.59*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.09	8.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.67*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	24.43	8.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.70*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	26.02	9.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.80*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.19	10.10
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.88*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	203.67	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.83*	
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	228.87	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.30*	
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	251.98	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.71*	
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	313.37	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.70*	
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	357.92	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.44*	
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.98	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0052	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.12	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.13*	

26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0054	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	266.06	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.77*	
26 05 36 00-0055	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	292.85	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.27*	
26 05 36 00-0056	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.25	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.70*	
26 05 36 00-0057	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.93	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.05*	
26 05 36 00-0058	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.01	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.97*	
26 05 36 00-0059	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.80	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.10*	
26 05 36 00-0060	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	554.40	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.46*	

26 05 36 00-0061 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0062	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.90	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.30*	
26 05 36 00-0063	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.38	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.26*	
26 05 36 00-0064	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.95	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.98*	
26 05 36 00-0065	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.12	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.66*	
26 05 36 00-0066	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	481.68	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.49*	
26 05 36 00-0067	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	562.47	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.21*	
26 05 36 00-0068	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.03	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.21*	

26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	150.42	65.56
		For 60 Degree Bend, Deduct	*-24.52*	
		For 30 Degree Bend, Deduct	*-44.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.58*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	173.88	78.64
		For 60 Degree Bend, Deduct	*-27.25*	
		For 30 Degree Bend, Deduct	*-49.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.84*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	194.86	90.19
		For 60 Degree Bend, Deduct	*-29.73*	
		For 30 Degree Bend, Deduct	*-54.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.97*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.01	113.99
		For 60 Degree Bend, Deduct	*-34.53*	
		For 30 Degree Bend, Deduct	*-63.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.20*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.20	139.61
		For 60 Degree Bend, Deduct	*-43.24*	
		For 30 Degree Bend, Deduct	*-79.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.69*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.47	160.26
		For 60 Degree Bend, Deduct	*-52.23*	
		For 30 Degree Bend, Deduct	*-95.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.26	188.13
		For 60 Degree Bend, Deduct	*-57.98*	
		For 30 Degree Bend, Deduct	*-107.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.75*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	164.78	67.64
		For 60 Degree Bend, Deduct	*-28.46*	
		For 30 Degree Bend, Deduct	*-51.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.84*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	191.38	81.53
		For 60 Degree Bend, Deduct	*-31.90*	
		For 30 Degree Bend, Deduct	*-57.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.34*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	219.09	94.15
		For 60 Degree Bend, Deduct	*-36.22*	
		For 30 Degree Bend, Deduct	*-65.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.06*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.29	120.22
		For 60 Degree Bend, Deduct	*-41.12*	
		For 30 Degree Bend, Deduct	*-75.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.41*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.18	149.35
		For 60 Degree Bend, Deduct	*-50.40*	
		For 30 Degree Bend, Deduct	*-92.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.18*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.14	173.25
		For 60 Degree Bend, Deduct	*-59.38*	
		For 30 Degree Bend, Deduct	*-108.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.68*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.60	206.25
		For 60 Degree Bend, Deduct	*-69.32*	
		For 30 Degree Bend, Deduct	*-126.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.78*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	191.09	69.80
		For 60 Degree Bend, Deduct	*-36.32*	
		For 30 Degree Bend, Deduct	*-64.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.30*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	220.28	84.77
		For 60 Degree Bend, Deduct	*-40.20*	
		For 30 Degree Bend, Deduct	*-71.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.96*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	244.66	98.39
		For 60 Degree Bend, Deduct	*-43.02*	
		For 30 Degree Bend, Deduct	*-77.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.27*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.72	127.34
		For 60 Degree Bend, Deduct	*-50.08*	
		For 30 Degree Bend, Deduct	*-90.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.36*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	359.60	160.26
		For 60 Degree Bend, Deduct	*-57.23*	
		For 30 Degree Bend, Deduct	*-104.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.60*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	432.93	188.13
		For 60 Degree Bend, Deduct	*-70.75*	
		For 30 Degree Bend, Deduct	*-128.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.61*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	512.37	227.72
		For 60 Degree Bend, Deduct	*-81.78*	
		For 30 Degree Bend, Deduct	*-148.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.26*	

26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0094		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	215.60	90.19
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.04*	
26 05 36 00-0095		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.50	102.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.26*	
26 05 36 00-0096		EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	258.83	113.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.39*	
26 05 36 00-0097		EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.73	139.61
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.84*	
26 05 36 00-0098		EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.19	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.86*	
26 05 36 00-0099		EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.67	180.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.14*	
26 05 36 00-0100		EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.23	205.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.56*	

26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0102		EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	249.10	94.06
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.07*	
26 05 36 00-0103		EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.93	108.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.47*	
26 05 36 00-0104		EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	298.73	120.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.85*	
26 05 36 00-0105		EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.42	149.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.80*	
26 05 36 00-0106		EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	397.50	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.32*	
26 05 36 00-0107		EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.53	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.87*	
26 05 36 00-0108		EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	508.65	227.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.89*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0110		EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	288.44	98.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.65*	
26 05 36 00-0111		EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.87	113.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.40*	
26 05 36 00-0112		EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.89	127.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.67*	
26 05 36 00-0113		EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	408.23	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.47*	
26 05 36 00-0114		EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.16	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.94*	
26 05 36 00-0115		EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.85	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.25*	
26 05 36 00-0116		EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	596.41	254.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.45*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118		EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	393.27	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.89*	
26 05 36 00-0119		EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.96	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.92*	
26 05 36 00-0120		EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.34	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.25*	
26 05 36 00-0121		EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	496.55	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.69	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.95*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	615.04	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.27*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.15	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.58*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.48	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.07*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.40	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.36*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	538.70	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.83*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.52	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.53*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	660.11	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.46*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	708.64	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.83*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.23	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.96*	

26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.77	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.69*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	634.01	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.42*	
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.08	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.19*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	742.84	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.74*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	844.13	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.68*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.36	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.67*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,040.99	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.33*	

26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.10	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.15*	
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.18	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.84*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.76	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.54*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	497.77	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.10*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.02	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.12*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.55	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.02*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	608.08	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0149		24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	610.25	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.59*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	626.88	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.66*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.51	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.77*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	684.00	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.22*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.41	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.00*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	759.50	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.93*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.58	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.01*	
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.57	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.78*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	936.50	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.27*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	960.30	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.85*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,003.97	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.42*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,032.68	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.25*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,106.56	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.11*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,178.19	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.08*	
26 05 36 00-0165		12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.31	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.99*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	515.37	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.56*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	548.76	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.85*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	586.94	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.46*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	661.81	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.14*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	731.73	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.44*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.28	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.96*	
26 05 36 00-0173		24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	651.79	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.16*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	683.72	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.14*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	717.87	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.84	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.45*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	858.16	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.05*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.36	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.37*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,030.06	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.24*	

26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	802.16	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.67*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.57	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.72*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	897.20	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.98*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	976.80	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.91*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,123.72	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.60*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,227.66	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.75*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,348.71	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.75*	

26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	548.61	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.82*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	576.61	227.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.68*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	615.42	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.52*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	660.15	254.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.78*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	743.30	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.29*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	829.62	308.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.21*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	905.48	332.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.82*	

26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.88	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.47*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	800.33	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.80*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	837.99	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.25*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	892.69	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.23*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	994.44	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.68*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,069.77	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.92*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,198.65	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.09*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0205			36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206		EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	960.22	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.48*	
26 05 36 00-0207		EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,012.65	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.23*	
26 05 36 00-0208		EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,069.31	308.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.19*	
26 05 36 00-0209		EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,166.46	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.88*	
26 05 36 00-0210		EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,334.46	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.68*	
26 05 36 00-0211		EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,455.96	432.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.58*	
26 05 36 00-0212		EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,594.57	481.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.34*	
26 05 36 00-0213			6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0214			12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0215		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	196.10	90.46
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.07*	
26 05 36 00-0216		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	220.70	102.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.48*	
26 05 36 00-0217		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	243.10	113.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.82*	
26 05 36 00-0218		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	301.85	139.61
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.55*	
26 05 36 00-0219		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.95	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.14*	
26 05 36 00-0220		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.93	180.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.26*	
26 05 36 00-0221		EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.19	206.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.14*	
26 05 36 00-0222			24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0223		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.45	94.06
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.21*	
26 05 36 00-0224		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	276.76	108.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.67*	
26 05 36 00-0225		EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.56	120.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.04*	
26 05 36 00-0226		EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.92	149.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.25*	
26 05 36 00-0227		EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.68	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.03*	
26 05 36 00-0228		EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	453.78	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.99*	
26 05 36 00-0229		EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.42	227.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.96*	
26 05 36 00-0230			36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0231		EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	267.61	98.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.13	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.43*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.86	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.07*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	398.27	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.47*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.67	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.09*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.65	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.33*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	612.56	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.07*	

26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	144.53	65.56
		For 60 Degree Bend, Deduct	*-22.57*	
		For 30 Degree Bend, Deduct	*-41.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.99*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	167.75	78.64
		For 60 Degree Bend, Deduct	*-25.23*	
		For 30 Degree Bend, Deduct	*-46.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.22*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	188.50	90.19
		For 60 Degree Bend, Deduct	*-27.63*	
		For 30 Degree Bend, Deduct	*-51.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.33*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	230.29	113.99
		For 60 Degree Bend, Deduct	*-32.31*	
		For 30 Degree Bend, Deduct	*-60.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.53*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.55	139.61
		For 60 Degree Bend, Deduct	*-40.39*	
		For 30 Degree Bend, Deduct	*-75.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.82*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	333.42	160.26
		For 60 Degree Bend, Deduct	*-48.59*	
		For 30 Degree Bend, Deduct	*-89.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.99*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.74	188.13
		For 60 Degree Bend, Deduct	*-54.18*	
		For 30 Degree Bend, Deduct	*-100.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.60*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	157.34	67.64
		For 60 Degree Bend, Deduct	*-26.01*	
		For 30 Degree Bend, Deduct	*-47.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.10*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	183.45	81.53
		For 60 Degree Bend, Deduct	*-29.28*	
		For 30 Degree Bend, Deduct	*-53.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.55*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.21	94.15
		For 60 Degree Bend, Deduct	*-33.28*	
		For 30 Degree Bend, Deduct	*-60.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.18*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.17	120.22
		For 60 Degree Bend, Deduct	*-38.11*	
		For 30 Degree Bend, Deduct	*-70.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.50*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	315.13	149.35
		For 60 Degree Bend, Deduct	*-46.76*	
		For 30 Degree Bend, Deduct	*-86.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.07*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.93	173.25
		For 60 Degree Bend, Deduct	*-55.02*	
		For 30 Degree Bend, Deduct	*-101.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.36*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.47	206.25
		For 60 Degree Bend, Deduct	*-64.33*	
		For 30 Degree Bend, Deduct	*-118.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.26*	

26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	180.40	69.80
		For 60 Degree Bend, Deduct	*-32.79*	
		For 30 Degree Bend, Deduct	*-58.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.23*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	208.99	84.77
		For 60 Degree Bend, Deduct	*-36.47*	
		For 30 Degree Bend, Deduct	*-65.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.84*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	233.14	98.39
		For 60 Degree Bend, Deduct	*-39.22*	
		For 30 Degree Bend, Deduct	*-70.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.12*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	287.23	127.34
		For 60 Degree Bend, Deduct	*-45.96*	
		For 30 Degree Bend, Deduct	*-83.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.11*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	346.39	160.26
		For 60 Degree Bend, Deduct	*-52.87*	
		For 30 Degree Bend, Deduct	*-97.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.28*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	415.88	188.13
		For 60 Degree Bend, Deduct	*-65.12*	
		For 30 Degree Bend, Deduct	*-118.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.91*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	493.40	227.72
		For 60 Degree Bend, Deduct	*-75.52*	
		For 30 Degree Bend, Deduct	*-138.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.36*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.38	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.52*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	233.16	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.73*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	253.30	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.84*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	282.76	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.64*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.19	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.26*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.19	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.49*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.50	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.89*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	241.72	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.33*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	267.37	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.72*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.86	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.07*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0274		EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.13	149.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.97*	
26 05 36 00-0275		EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.80	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.45*	
26 05 36 00-0276		EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.34	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.95*	
26 05 36 00-0277		EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.32	227.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.85*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279		EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	278.48	98.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.66*	
26 05 36 00-0280		EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.54	113.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.37*	
26 05 36 00-0281		EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	332.44	127.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.63*	
26 05 36 00-0282		EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.95	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
26 05 36 00-0283		EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.76	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.80*	
26 05 36 00-0284		EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	509.88	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.95*	
26 05 36 00-0285		EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.61	254.32
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.07*	

26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0287		EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.22	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.09*	
26 05 36 00-0288		EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.32	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.05*	
26 05 36 00-0289		EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.21	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.34*	
26 05 36 00-0290		EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.10	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.57*	
26 05 36 00-0291		EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	547.44	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.72*	
26 05 36 00-0292		EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.39	254.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.81*	
26 05 36 00-0293		EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	679.58	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.92*	

26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0295		EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	464.87	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.81*	
26 05 36 00-0296		EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.19	206.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.03*	
26 05 36 00-0297		EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.01	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.46*	
26 05 36 00-0298		EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	577.70	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.75*	
26 05 36 00-0299		EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	644.02	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.86*	
26 05 36 00-0300		EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	691.11	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.07*	
26 05 36 00-0301		EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.78	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.71*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0302			36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0303		EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	569.92	206.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.81*	
26 05 36 00-0304		EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.44	227.72
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.47*	
26 05 36 00-0305		EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	651.19	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.10*	
26 05 36 00-0306		EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	720.39	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.49*	
26 05 36 00-0307		EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	818.79	308.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.14*	
26 05 36 00-0308		EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	886.74	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.91*	
26 05 36 00-0309		EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,011.33	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.36*	
26 05 36 00-0310			12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0311		EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.41	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.78*	
26 05 36 00-0312		EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.37	166.57
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.45*	
26 05 36 00-0313		EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	455.83	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.15*	
26 05 36 00-0314		EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.60	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.68*	
26 05 36 00-0315		EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	500.61	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.68*	
26 05 36 00-0316		EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.18	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.48*	
26 05 36 00-0317		EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.11	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.19*	
26 05 36 00-0318			24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0319		EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.52	173.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.12*	
26 05 36 00-0320		EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	601.78	180.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.15*	
26 05 36 00-0321		EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	619.05	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.23*	
26 05 36 00-0322		EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.82	206.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.60*	
26 05 36 00-0323		EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	683.51	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.31*	
26 05 36 00-0324		EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	731.88	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.17*	
26 05 36 00-0325		EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	796.76	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.13*	
26 05 36 00-0326			36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0327		EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	868.34	188.13
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.16*	
26 05 36 00-0328		EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	889.67	196.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	912.87	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.10*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.94	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.62*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	984.05	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.38*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,056.13	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.07*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,127.16	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.98*	

26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.34	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.00*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.92	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	537.35	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	574.45	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.22*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	647.88	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.75*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.04	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.77*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	778.67	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.10*	

26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	632.45	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.22*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	663.79	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.15*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	697.33	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.19*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	742.98	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.26*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	834.87	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.72*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	899.51	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.89*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,001.24	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.35*	

26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.14	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.97*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	819.35	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.90*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	867.78	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.04*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	944.38	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.67*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,087.70	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.00*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,188.63	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.85*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0357		EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,306.68	481.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.55*	

26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0359		EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.16	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.38*	
26 05 36 00-0360		EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.47	227.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.16*	
26 05 36 00-0361		EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.88	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.87*	
26 05 36 00-0362		EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	642.05	254.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.97*	
26 05 36 00-0363		EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	723.10	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.27*	
26 05 36 00-0364		EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.41	308.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.79*	
26 05 36 00-0365		EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	878.49	332.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.12*	

26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0367		EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.85	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.66*	
26 05 36 00-0368		EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.43	254.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.91*	
26 05 36 00-0369		EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.21	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.27*	
26 05 36 00-0370		EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	861.00	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.06*	
26 05 36 00-0371		EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	960.66	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.30*	
26 05 36 00-0372		EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,033.73	360.74
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.31*	
26 05 36 00-0373		EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,156.86	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.92*	

26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0375		EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	921.04	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.56*	
26 05 36 00-0376		EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	971.74	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.14*	
26 05 36 00-0377		EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,026.65	308.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.93*	
26 05 36 00-0378		EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,119.45	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.18*	
26 05 36 00-0379		EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,282.23	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.45*	
26 05 36 00-0380		EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,399.37	432.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.92*	
26 05 36 00-0381		EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,533.63	481.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.25*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	188.53	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.32*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.54	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.67*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	234.21	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.93*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.32	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.40*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.98	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.84*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.88	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.56*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.26	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.15*	

26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	234.84	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.64*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.67	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.06*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	283.87	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.37*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.91	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.34	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.10*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	432.77	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.89*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.44	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.47*	

26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.32	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.84*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	280.88	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.61*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.76	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.16*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.41	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.28*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.65	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.69*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.84	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.45*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	581.10	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.92*	

26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	138.65	65.56
		For 60 Degree Bend, Deduct	*-20.63*	
		For 30 Degree Bend, Deduct	*-38.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.40*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	161.63	78.64
		For 60 Degree Bend, Deduct	*-23.21*	
		For 30 Degree Bend, Deduct	*-43.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.61*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0410		EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	182.13	90.19
			For 60 Degree Bend, Deduct	*-25.53*	
			For 30 Degree Bend, Deduct	*-47.56*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.70*	
26 05 36 00-0411		EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	223.56	113.99
			For 60 Degree Bend, Deduct	*-30.09*	
			For 30 Degree Bend, Deduct	*-56.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.86*	
26 05 36 00-0412		EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	275.91	139.61
			For 60 Degree Bend, Deduct	*-37.53*	
			For 30 Degree Bend, Deduct	*-70.31*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.96*	
26 05 36 00-0413		EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.38	160.26
			For 60 Degree Bend, Deduct	*-44.94*	
			For 30 Degree Bend, Deduct	*-83.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.88*	
26 05 36 00-0414		EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.21	188.13
			For 60 Degree Bend, Deduct	*-50.38*	
			For 30 Degree Bend, Deduct	*-94.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.44*	

26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0416		EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	149.89	67.64
			For 60 Degree Bend, Deduct	*-23.55*	
			For 30 Degree Bend, Deduct	*-43.01*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.36*	
26 05 36 00-0417		EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	175.53	81.53
			For 60 Degree Bend, Deduct	*-26.67*	
			For 30 Degree Bend, Deduct	*-48.98*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.76*	
26 05 36 00-0418		EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	201.32	94.15
			For 60 Degree Bend, Deduct	*-30.35*	
			For 30 Degree Bend, Deduct	*-55.81*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.29*	
26 05 36 00-0419		EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	246.04	120.22
			For 60 Degree Bend, Deduct	*-35.10*	
			For 30 Degree Bend, Deduct	*-65.18*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.58*	
26 05 36 00-0420		EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.09	149.35
			For 60 Degree Bend, Deduct	*-43.11*	
			For 30 Degree Bend, Deduct	*-80.15*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.97*	
26 05 36 00-0421		EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	354.72	173.25
			For 60 Degree Bend, Deduct	*-50.66*	
			For 30 Degree Bend, Deduct	*-94.06*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.04*	
26 05 36 00-0422		EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.34	206.25
			For 60 Degree Bend, Deduct	*-59.33*	
			For 30 Degree Bend, Deduct	*-110.35*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.75*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424		EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	169.72	69.80
			For 60 Degree Bend, Deduct	*-29.26*	
			For 30 Degree Bend, Deduct	*-52.65*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.16*	
26 05 36 00-0425		EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	197.71	84.77
			For 60 Degree Bend, Deduct	*-32.75*	
			For 30 Degree Bend, Deduct	*-59.30*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.71*	
26 05 36 00-0426		EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.61	98.39
			For 60 Degree Bend, Deduct	*-35.42*	
			For 30 Degree Bend, Deduct	*-64.50*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.96*	
26 05 36 00-0427		EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.74	127.34
			For 60 Degree Bend, Deduct	*-41.84*	
			For 30 Degree Bend, Deduct	*-76.80*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	333.18	160.26
		For 60 Degree Bend, Deduct	*-48.51*	
		For 30 Degree Bend, Deduct	*-89.75*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.96*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	398.83	188.13
		For 60 Degree Bend, Deduct	*-59.49*	
		For 30 Degree Bend, Deduct	*-109.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.20*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.42	227.72
		For 60 Degree Bend, Deduct	*-69.26*	
		For 30 Degree Bend, Deduct	*-128.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.46*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	202.54	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.74*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.15	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.93*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	245.02	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.01*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.32	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.40*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.18	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.36*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	365.46	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.52*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.41	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.88*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	230.64	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.22*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.02	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.58*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	279.06	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.89*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	331.70	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.73*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.74	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.14*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.56	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.57*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.83	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.31*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.53	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.16*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.05	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.82*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	316.77	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.06*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	380.01	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.64*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.65	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.09*	
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.43	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.89	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.00*	

26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.13	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.48*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	400.03	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.32*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	418.96	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.51*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.21	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.48*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.94	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.27*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.09	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.88*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.44	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.61*	

26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	439.65	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.29*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.78	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.39*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	497.63	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.73*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	548.16	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.79*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.84	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.64*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.05	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.57*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.87	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.22*	

26 05 36 00-0471 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	532.21	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.04*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.29	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.55*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.40	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.92*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	675.48	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.00*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	768.12	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.07*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	831.50	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.38*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	952.01	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.43*	

26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.03	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	415.75	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.69*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.97	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.36*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	455.26	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.85*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.80	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.80*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.44	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.41*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.17	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.99*	
26 05 36 00-0487		24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.04	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.17*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.59	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.13*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.14	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.14*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.46	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.36*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.72	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.94*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.64	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.64*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	739.12	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.37*	
26 05 36 00-0495		36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	775.88	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.91*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	796.01	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.22*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	818.00	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.62*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.88	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.01*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	886.78	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.66*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.26	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.98*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.09	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.77*	
26 05 36 00-0503		12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.41	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.00*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.03	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.43*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	514.54	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.43*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	549.47	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.72*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	620.02	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.97*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0509		EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.66	308.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.43*	
26 05 36 00-0510		EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	741.44	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.38*	

26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0512		EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	593.79	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.36*	
26 05 36 00-0513		EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.92	254.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.16*	
26 05 36 00-0514		EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	656.27	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.08*	
26 05 36 00-0515		EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	699.27	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.89*	
26 05 36 00-0516		EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	788.27	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.06*	
26 05 36 00-0517		EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	849.79	360.74
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.92*	
26 05 36 00-0518		EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	943.60	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.59*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520		EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.11	270.56
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.56*	
26 05 36 00-0521		EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.92	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.26*	
26 05 36 00-0522		EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	808.94	308.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.16*	
26 05 36 00-0523		EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	879.53	333.24
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.19*	
26 05 36 00-0524		EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.65	393.21
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.79*	
26 05 36 00-0525		EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,110.58	432.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.04*	
26 05 36 00-0526		EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,222.63	481.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.15*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528		EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	505.26	216.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.49*	
26 05 36 00-0529		EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	531.17	227.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.13*	
26 05 36 00-0530		EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.80	240.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.56*	
26 05 36 00-0531		EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.83	254.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.35*	
26 05 36 00-0532		EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	682.70	288.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.23*	
26 05 36 00-0533		EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	757.01	308.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.95*	
26 05 36 00-0534		EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.52	332.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.72*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	680.79	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.06*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.62	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.13*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.67	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.32*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.62	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.73*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	893.10	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.54*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	961.65	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.10*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,073.29	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.56*	

26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	842.69	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.72*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	889.90	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.95*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	941.33	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.40*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.43	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.78*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,177.76	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.01*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,286.19	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.60*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,411.75	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.06*	

26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	185.89	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.05*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	209.68	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.38*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	231.10	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.62*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	286.28	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.99*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.44	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.39*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.91	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.96*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.28	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.45*	

26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	229.38	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.10*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.04	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.49*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	278.02	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	332.61	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.82*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	378.58	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.42*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.41	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.16*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	495.70	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.59*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	244.27	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.23*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.49	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.97*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	301.08	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.49*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.76	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.52*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.24	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.85*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	494.75	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.44*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.09	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.82*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	136.59	65.56
		For 60 Degree Bend, Deduct	*-19.95*	
		For 30 Degree Bend, Deduct	*-36.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.20*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	159.49	78.64
		For 60 Degree Bend, Deduct	*-22.50*	
		For 30 Degree Bend, Deduct	*-41.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.40*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	179.90	90.19
		For 60 Degree Bend, Deduct	*-24.80*	
		For 30 Degree Bend, Deduct	*-46.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.47*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.21	113.99
		For 60 Degree Bend, Deduct	*-29.31*	
		For 30 Degree Bend, Deduct	*-55.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.62*	
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.88	139.61
		For 60 Degree Bend, Deduct	*-36.53*	
		For 30 Degree Bend, Deduct	*-68.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.65*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.51	160.26
		For 60 Degree Bend, Deduct	*-43.67*	
		For 30 Degree Bend, Deduct	*-81.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.49*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	367.17	188.13
		For 60 Degree Bend, Deduct	*-49.05*	
		For 30 Degree Bend, Deduct	*-92.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.04*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	147.29	67.64
		For 60 Degree Bend, Deduct	*-22.69*	
		For 30 Degree Bend, Deduct	*-41.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	172.75	81.53
		For 60 Degree Bend, Deduct	*-25.75*	
		For 30 Degree Bend, Deduct	*-47.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.48*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	198.21	94.15
		For 60 Degree Bend, Deduct	*-29.32*	
		For 30 Degree Bend, Deduct	*-54.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.98*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.85	120.22
		For 60 Degree Bend, Deduct	*-34.05*	
		For 30 Degree Bend, Deduct	*-63.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.26*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	300.22	149.35
		For 60 Degree Bend, Deduct	*-41.84*	
		For 30 Degree Bend, Deduct	*-78.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.58*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.10	173.25
		For 60 Degree Bend, Deduct	*-49.14*	
		For 30 Degree Bend, Deduct	*-91.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.58*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	414.04	206.25
		For 60 Degree Bend, Deduct	*-57.58*	
		For 30 Degree Bend, Deduct	*-107.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.22*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	165.98	69.80
		For 60 Degree Bend, Deduct	*-28.03*	
		For 30 Degree Bend, Deduct	*-50.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.78*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	193.76	84.77
		For 60 Degree Bend, Deduct	*-31.45*	
		For 30 Degree Bend, Deduct	*-57.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.31*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	217.57	98.39
		For 60 Degree Bend, Deduct	*-34.09*	
		For 30 Degree Bend, Deduct	*-62.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.56*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.37	127.34
		For 60 Degree Bend, Deduct	*-40.39*	
		For 30 Degree Bend, Deduct	*-74.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.42*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	328.56	160.26
		For 60 Degree Bend, Deduct	*-46.98*	
		For 30 Degree Bend, Deduct	*-87.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.50*	
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.86	188.13
		For 60 Degree Bend, Deduct	*-57.52*	
		For 30 Degree Bend, Deduct	*-106.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.61*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	467.78	227.72
		For 60 Degree Bend, Deduct	*-67.07*	
		For 30 Degree Bend, Deduct	*-124.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.80*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	198.89	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.37*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.41	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.56*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	241.15	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.63*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	286.28	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.99*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.98	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.94*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.92	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.06*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.71	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.41*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.47	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.71*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.72	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.05*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.56	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.34*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	325.91	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.15*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.64	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.53*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.13	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.93*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	475.60	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.58*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	256.55	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.46*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.82	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.09*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.46	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.33*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.11	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.85*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.66	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.29*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	481.35	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.10*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	552.22	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.03*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	361.09	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.68*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	391.38	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.46*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	409.83	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.60*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	454.76	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.44*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	510.69	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.05*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	556.44	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.41*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.	629.87	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.95*	

26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.05	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.03*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	462.57	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.94	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.36*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	533.39	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.32*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	595.75	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.03*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	638.51	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.81*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	757.41	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.98*	

26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.36	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.15*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	555.72	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.59*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.50	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.83*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	653.02	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.76*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	742.78	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.54*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.88	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.62*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.35	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.46*	

26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.34	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.68*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.94	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.31*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	414.04	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.97*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	441.09	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.43*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.39	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.35*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.07	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.87*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	544.20	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.40*	

26 05 36 00-0656 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.31	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.70*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.49	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.62*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	542.68	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.59*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.29	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.82	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.25*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	649.02	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.88*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	710.30	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.48*	

26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.65	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.29*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.18	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.53*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	770.57	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.87*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.85	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.21*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	838.15	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.79*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	904.83	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.94*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	974.05	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.67*	

26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	450.44	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.01*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.58	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.38*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.13	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.29*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.98	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.47*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.09	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.57*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	664.97	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.76*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	722.83	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.52*	

26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	574.46	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.42*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.99	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.17*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	635.73	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.03*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.42	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.71*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.98	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.73*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	824.94	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.43*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	914.78	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0688		36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.09	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.86*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.70	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.43*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.53	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.22*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	847.11	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.95*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	979.62	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.19*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,071.55	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.14*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,180.60	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.94*	
26 05 36 00-0696		12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.80	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.04*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.02	227.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.62*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	549.26	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.91*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.72	254.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.53*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.51	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.21*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	732.81	308.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.53*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	797.53	332.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.02*	
26 05 36 00-0704		24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.75	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.25*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	684.72	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.24*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	718.89	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.34*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.93	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.56*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.33	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.17*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	925.61	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.50*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,031.50	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.38*	
26 05 36 00-0712		36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.51	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.80*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.98	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.86*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	898.67	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	978.42	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.08*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,125.52	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.78*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,229.61	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.95*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,350.81	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.96*	

26 05 36 00-0720 Dropout Or End Plates And Reducers *(26 05 36 00-0002)*

26 05 36 00-0721 Straight Reducers *(26 05 36 00-0720)*

26 05 36 00-0722	EA	9"-6" Reducer, Steel Cable Tray	166.20	66.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.07*	
26 05 36 00-0723	EA	12"-9" Reducer, Steel Cable Tray	176.56	72.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.65*	
26 05 36 00-0724	EA	18"-12" Reducer, Steel Cable Tray	195.11	83.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.58*	
26 05 36 00-0725	EA	24"-18" Reducer, Steel Cable Tray	218.00	96.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.78*	
26 05 36 00-0726	EA	30"-24" Reducer, Steel Cable Tray	239.21	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.90*	
26 05 36 00-0727	EA	36"-30" Reducer, Steel Cable Tray	272.13	123.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.91*	

26 05 36 00-0728 Reducers *(26 05 36 00-0720)*

26 05 36 00-0729	EA	18"-6" Reducer, Steel Cable Tray	197.59	83.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.82*	
26 05 36 00-0730	EA	24"-12" Reducer, Steel Cable Tray	220.62	96.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.03*	
26 05 36 00-0731	EA	30"-12" Reducer, Steel Cable Tray	243.86	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.38*	
26 05 36 00-0732	EA	30"-18" Reducer, Steel Cable Tray	246.12	108.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.61*	
26 05 36 00-0733	EA	36"-12" Reducer, Steel Cable Tray	273.33	123.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.03*	
26 05 36 00-0734	EA	36"-18" Reducer, Steel Cable Tray	281.16	126.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.54*	
26 05 36 00-0735	EA	36"-24" Reducer, Steel Cable Tray	290.31	130.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.12*	

26 05 36 00-0736 Dropout Or End Plate *(26 05 36 00-0720)*

26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	51.27	27.06
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	58.76	30.93
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	63.39	33.28
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	74.87	39.32
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	83.44	43.29
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	92.54	48.07
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	104.36	54.11

26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)*

Note: 4-5/8" Height

26 05 36 00-0745 Straight Tray Sections *(26 05 36 00-0744)*

26 05 36 00-0746 4" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	24.96	6.31
		For Class 12C Instead Of Class 12B, Add	*2.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.25*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	26.33	6.67
		For Class 12C Instead Of Class 12B, Add	*2.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.32*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	27.69	6.94
		For Class 12C Instead Of Class 12B, Add	*2.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.38*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	30.61	7.58
		For Class 12C Instead Of Class 12B, Add	*3.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.53*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	34.39	8.12
		For Class 12C Instead Of Class 12B, Add	*3.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.72*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	37.41	8.66
		For Class 12C Instead Of Class 12B, Add	*4.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	40.22	9.20
		For Class 12C Instead Of Class 12B, Add	*4.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.01*	

26 05 36 00-0754 6" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	23.65	6.31
		For Class 12C Instead Of Class 12B, Add	*2.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.18*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	24.94	6.67
		For Class 12C Instead Of Class 12B, Add	*2.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.25*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	26.23	6.94
		For Class 12C Instead Of Class 12B, Add	*2.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.31*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	28.98	7.58
		For Class 12C Instead Of Class 12B, Add	*3.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.45*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	32.48	8.12
		For Class 12C Instead Of Class 12B, Add	*3.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.62*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	35.32	8.66
		For Class 12C Instead Of Class 12B, Add	*3.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.77*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	37.96	9.20
		For Class 12C Instead Of Class 12B, Add	*4.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.90*	

26 05 36 00-0762 9" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	21.60	6.04
		For Class 12C Instead Of Class 12B, Add	*2.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.08*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	22.12	6.31
		For Class 12C Instead Of Class 12B, Add	*2.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.11*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	23.52	6.67
		For Class 12C Instead Of Class 12B, Add	*2.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.18*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	25.15	7.12
		For Class 12C Instead Of Class 12B, Add	*2.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.26*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	27.62	7.40
		For Class 12C Instead Of Class 12B, Add	*2.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.38*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	30.35	7.94
		For Class 12C Instead Of Class 12B, Add	*3.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.52*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	32.46	8.66
		For Class 12C Instead Of Class 12B, Add	*3.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.62*	

26 05 36 00-0770 12" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.06	5.86
		For Class 12C Instead Of Class 12B, Add	*2.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.05*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.47	6.04
		For Class 12C Instead Of Class 12B, Add	*2.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.07*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	22.46	6.40
		For Class 12C Instead Of Class 12B, Add	*2.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.12*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	23.78	6.76
		For Class 12C Instead Of Class 12B, Add	*2.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.19*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	25.34	6.85
		For Class 12C Instead Of Class 12B, Add	*2.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	27.40	7.58
		For Class 12C Instead Of Class 12B, Add	*2.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.37*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	29.23	8.21
		For Class 12C Instead Of Class 12B, Add	*3.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.46*	
26 05 36 00-0778		18" Rung Spacing *(26 05 36 00-0745)*		
26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	20.73	5.68
		For Class 12C Instead Of Class 12B, Add	*2.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.04*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	20.96	5.95
		For Class 12C Instead Of Class 12B, Add	*2.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.05*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	22.01	6.13
		For Class 12C Instead Of Class 12B, Add	*2.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.10*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	23.17	6.49
		For Class 12C Instead Of Class 12B, Add	*2.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.16*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	24.30	6.58
		For Class 12C Instead Of Class 12B, Add	*2.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.22*	
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	25.74	7.21
		For Class 12C Instead Of Class 12B, Add	*2.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-1.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.29*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	27.54	7.85
		For Class 12C Instead Of Class 12B, Add	*2.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.38*	
26 05 36 00-0786		4" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-0787		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	210.73	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.54*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	233.25	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.66*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	262.71	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.14*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	314.73	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.74*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	368.94	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.45*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	408.50	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.43*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	474.26	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.71*	
26 05 36 00-0795		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*		
26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	263.15	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.16*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	291.14	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.56*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	316.64	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.83*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	374.96	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.75*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	426.94	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.35*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	478.88	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.94*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	549.73	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0803		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	280.85	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.04*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	309.65	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.48*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	346.01	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.30*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	417.56	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.88*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	483.74	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.19*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	547.63	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.38*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	638.03	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.90*	
26 05 36 00-0811		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	148.73	65.56
		For 60 Degree Bend, Deduct	*-23.96*	
		For 30 Degree Bend, Deduct	*-43.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.44*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	172.03	78.64
		For 60 Degree Bend, Deduct	*-26.64*	
		For 30 Degree Bend, Deduct	*-48.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.60*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	192.85	90.19
		For 60 Degree Bend, Deduct	*-29.07*	
		For 30 Degree Bend, Deduct	*-53.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.64*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	240.08	113.99
		For 60 Degree Bend, Deduct	*-35.54*	
		For 30 Degree Bend, Deduct	*-65.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.00*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	294.98	139.61
		For 60 Degree Bend, Deduct	*-43.83*	
		For 30 Degree Bend, Deduct	*-80.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.75*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	338.55	160.26
		For 60 Degree Bend, Deduct	*-50.28*	
		For 30 Degree Bend, Deduct	*-92.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.93*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	388.02	188.13
		For 60 Degree Bend, Deduct	*-55.93*	
		For 30 Degree Bend, Deduct	*-103.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.40*	
26 05 36 00-0819		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	165.85	67.64
		For 60 Degree Bend, Deduct	*-28.82*	
		For 30 Degree Bend, Deduct	*-51.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.29*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	195.16	81.53
		For 60 Degree Bend, Deduct	*-33.15*	
		For 30 Degree Bend, Deduct	*-59.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.76*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	217.67	94.15
		For 60 Degree Bend, Deduct	*-35.75*	
		For 30 Degree Bend, Deduct	*-64.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.88*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	265.74	120.22
		For 60 Degree Bend, Deduct	*-41.60*	
		For 30 Degree Bend, Deduct	*-76.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.29*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	324.82	149.35
		For 60 Degree Bend, Deduct	*-49.96*	
		For 30 Degree Bend, Deduct	*-91.55*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0825		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	379.84	173.25
			For 60 Degree Bend, Deduct	*-58.95*	
			For 30 Degree Bend, Deduct	*-107.87*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.99*	
26 05 36 00-0826		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	439.41	206.25
			For 60 Degree Bend, Deduct	*-65.96*	
			For 30 Degree Bend, Deduct	*-121.38*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.97*	

26 05 36 00-0827 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0828		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	187.69	69.80
			For 60 Degree Bend, Deduct	*-35.19*	
			For 30 Degree Bend, Deduct	*-62.53*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.38*	
26 05 36 00-0829		EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	214.20	84.77
			For 60 Degree Bend, Deduct	*-38.19*	
			For 30 Degree Bend, Deduct	*-68.37*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.36*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.71*	
26 05 36 00-0830		EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	238.42	98.39
			For 60 Degree Bend, Deduct	*-40.97*	
			For 30 Degree Bend, Deduct	*-73.74*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.64*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.92*	
26 05 36 00-0831		EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	294.35	127.34
			For 60 Degree Bend, Deduct	*-48.31*	
			For 30 Degree Bend, Deduct	*-87.59*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.82*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.72*	
26 05 36 00-0832		EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	367.42	160.26
			For 60 Degree Bend, Deduct	*-59.81*	
			For 30 Degree Bend, Deduct	*-108.58*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.39*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.37*	
26 05 36 00-0833		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	419.93	188.13
			For 60 Degree Bend, Deduct	*-66.46*	
			For 30 Degree Bend, Deduct	*-121.21*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.31*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.00*	
26 05 36 00-0834		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	496.55	227.72
			For 60 Degree Bend, Deduct	*-76.56*	
			For 30 Degree Bend, Deduct	*-140.26*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.68*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.83*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836		EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	224.92	90.19
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.98*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.25*	
26 05 36 00-0837		EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	250.39	102.99
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.45*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.52*	
26 05 36 00-0838		EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	269.82	113.90
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.49*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.49*	
26 05 36 00-0839		EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	315.43	139.61
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.77*	
26 05 36 00-0840		EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	353.96	160.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.04*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.70*	
26 05 36 00-0841		EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	391.51	180.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.12*	
			For 6" Overall Height Instead Of 4-5/8", Add	*19.58*	
26 05 36 00-0842		EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.78	205.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.84*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844		EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	237.51	94.06
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.88*	
26 05 36 00-0845		EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	264.48	108.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.22*	
26 05 36 00-0846		EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	286.55	120.22
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.33*	
26 05 36 00-0847		EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	339.74	149.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.53*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	385.00	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.25*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	429.44	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.47*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	488.09	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.40*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	288.67	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.43*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	317.30	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.87*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	347.96	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.40*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	408.23	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.41*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	460.08	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.00*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	518.11	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.91*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	587.95	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.40*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	374.74	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.74*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	405.28	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.26*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	420.82	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.04*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	472.20	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.61*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	523.21	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.16*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	567.09	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.35*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.44	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.57*	

26 05 36 00-0867 24" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	460.30	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.02*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	498.89	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.94*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	520.17	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.01*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	574.00	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.70*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	639.99	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.00*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	688.13	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.41*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	872.76	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.64*	

26 05 36 00-0875 36" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	551.09	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	592.60	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.63*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	633.25	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.66*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	696.42	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.82*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	785.64	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.28*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	898.16	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.91*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,036.34	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.82*	

26 05 36 00-0883 12" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	460.43	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.02*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	476.59	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.83*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	489.02	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.45*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	518.15	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.91*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	549.21	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.46*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	586.48	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.32*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	633.25	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.66*	

26 05 36 00-0891 24" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	616.00	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.80*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	632.17	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.61*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	649.36	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.47*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	689.35	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.47*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	714.87	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.74*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	763.05	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.15*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	845.97	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.30*	

26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	936.25	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.81*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	958.47	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.92*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	982.54	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.13*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,026.51	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.33*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,055.50	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.78*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,130.22	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,202.12	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.11*	

26 05 36 00-0907 12" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	480.66	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.03*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.18	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.61*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	534.49	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.72*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	586.84	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.34*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	648.62	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.43*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	712.27	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.61*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	802.22	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.11*	

26 05 36 00-0915 24" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.43	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.52*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	661.62	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.08*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	695.01	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.75*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	737.51	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.88*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	834.67	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.73*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	851.26	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.56*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	937.28	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.86*	

26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	721.82	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.09*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	716.60	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.83*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	764.78	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.24*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	874.18	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.71*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,050.45	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.52*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,157.69	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.88*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,289.10	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.46*	

26 05 36 00-0931 12" Radius Vertical Cross *(26 05 36 00-0786)*

26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	480.66	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.03*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.31	227.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.62*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	534.42	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.72*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	587.00	254.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.35*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	648.62	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.43*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	712.51	308.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.63*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	801.54	332.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.08*	
26 05 36 00-0939		24" Radius Vertical Crosses *(26 05 36 00-0786)*		
26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.43	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.52*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	661.62	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.08*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	695.01	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.75*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	737.51	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.88*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	834.67	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.73*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	900.33	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.02*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	992.61	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.63*	
26 05 36 00-0947		36" Radius Vertical Crosses *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	843.71	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.19*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	889.88	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.49*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	948.45	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.42*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,017.66	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.88*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,228.22	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.41*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,354.50	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.73*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,508.13	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.41*	
26 05 36 00-0955		6" Rung Tray Fittings *(26 05 36 00-0744)*		
26 05 36 00-0956		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	202.15	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.11*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	224.45	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.22*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	252.29	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.61*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	303.01	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.15*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	354.40	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.72*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	393.09	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.65*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	455.59	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.78*	
26 05 36 00-0964		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	247.95	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.40*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	275.29	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.76*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	300.04	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.00*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	356.94	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.85*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	407.19	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.36*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	457.28	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.86*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	525.42	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.27*	

26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	264.14	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.21*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	292.50	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.63*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	326.91	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.35*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	396.07	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.80*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	459.43	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.97*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	520.93	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.05*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	607.43	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.37*	

26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	143.09	65.56
		For 60 Degree Bend, Deduct	*-22.10*	
		For 30 Degree Bend, Deduct	*-40.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.15*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	166.17	78.64
		For 60 Degree Bend, Deduct	*-24.70*	
		For 30 Degree Bend, Deduct	*-45.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.31*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	186.78	90.19
		For 60 Degree Bend, Deduct	*-27.07*	
		For 30 Degree Bend, Deduct	*-50.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.34*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	232.92	113.99
		For 60 Degree Bend, Deduct	*-33.18*	
		For 30 Degree Bend, Deduct	*-61.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.65*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	286.08	139.61
		For 60 Degree Bend, Deduct	*-40.89*	
		For 30 Degree Bend, Deduct	*-75.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.30*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	328.35	160.26
		For 60 Degree Bend, Deduct	*-46.91*	
		For 30 Degree Bend, Deduct	*-87.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.42*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.38	188.13
		For 60 Degree Bend, Deduct	*-52.41*	
		For 30 Degree Bend, Deduct	*-97.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.87*	

26 05 36 00-0988 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	158.25	67.64
		For 60 Degree Bend, Deduct	*-26.31*	
		For 30 Degree Bend, Deduct	*-47.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.91*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	186.69	81.53
		For 60 Degree Bend, Deduct	*-30.35*	
		For 30 Degree Bend, Deduct	*-55.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.33*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	208.98	94.15
		For 60 Degree Bend, Deduct	*-32.88*	
		For 30 Degree Bend, Deduct	*-60.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.45*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	256.41	120.22
		For 60 Degree Bend, Deduct	*-38.52*	
		For 30 Degree Bend, Deduct	*-70.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.82*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	313.97	149.35
		For 60 Degree Bend, Deduct	*-46.37*	
		For 30 Degree Bend, Deduct	*-85.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.70*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	366.82	173.25
		For 60 Degree Bend, Deduct	*-54.65*	
		For 30 Degree Bend, Deduct	*-100.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.34*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	425.74	206.25
		For 60 Degree Bend, Deduct	*-61.45*	
		For 30 Degree Bend, Deduct	*-113.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.29*	

26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	177.49	69.80
		For 60 Degree Bend, Deduct	*-31.83*	
		For 30 Degree Bend, Deduct	*-56.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.87*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	203.78	84.77
		For 60 Degree Bend, Deduct	*-34.76*	
		For 30 Degree Bend, Deduct	*-62.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.19*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	227.78	98.39
		For 60 Degree Bend, Deduct	*-37.45*	
		For 30 Degree Bend, Deduct	*-67.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.39*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	282.63	127.34
		For 60 Degree Bend, Deduct	*-44.44*	
		For 30 Degree Bend, Deduct	*-81.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.13*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	353.09	160.26
		For 60 Degree Bend, Deduct	*-55.08*	
		For 30 Degree Bend, Deduct	*-100.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.65*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	404.73	188.13
		For 60 Degree Bend, Deduct	*-61.44*	
		For 30 Degree Bend, Deduct	*-112.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.24*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	479.84	227.72
		For 60 Degree Bend, Deduct	*-71.05*	
		For 30 Degree Bend, Deduct	*-131.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.99*	

26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	218.95	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.95*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	244.10	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.21*	
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	263.42	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.17*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	308.81	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	347.02	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.35*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	384.24	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.21*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	429.29	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.46*	

26 05 36 00-1012 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	231.05	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.55*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	257.75	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.89*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	279.66	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.98*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	332.47	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.62*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	377.29	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.86*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	421.31	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.07*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	479.41	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.97*	

26 05 36 00-1020 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	278.68	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.93*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	307.10	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.36*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	337.11	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.86*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	396.94	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.85*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	448.36	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.42*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	505.52	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.28*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	574.82	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.74*	

26 05 36 00-1028 12" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	368.12	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.41*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	398.22	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.91*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	413.65	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.68*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	463.62	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.18*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	513.76	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.69*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	556.13	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.81*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	638.31	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.92*	

26 05 36 00-1036 24" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	449.01	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	486.95	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.35*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	507.90	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.40*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	560.65	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.03*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	625.44	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.27*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	672.17	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.61*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	848.35	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.42*	

26 05 36 00-1044 36" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	535.13	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.76*	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	576.21	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.81*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	615.35	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.77*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	677.54	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.88*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	764.80	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.24*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	871.79	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.59*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,007.04	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.35*	

26 05 36 00-1052 12" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	445.56	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.28*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	461.29	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.06*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	473.61	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.68*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	502.41	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.12*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	532.17	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.61*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	569.11	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.46*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	615.35	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.77*	

26 05 36 00-1060 24" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	590.82	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.54*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.67	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.33*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	623.53	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.18*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	662.76	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.14*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	687.63	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.38*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	735.16	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	815.58	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.78*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	888.36	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.42*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	909.95	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.50*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	933.40	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.67*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	976.75	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.84*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,005.11	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.26*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,077.97	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.90*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,149.25	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.46*	

26 05 36 00-1076 12" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.44	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.57*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	501.98	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.10*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.18	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.21*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.36	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.72*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	635.71	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.79*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	697.08	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.85*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	783.23	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.16*	

26 05 36 00-1084 24" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	612.74	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.64*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	643.38	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.17*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.23	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.81*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	717.76	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.89*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	813.18	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.66*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	877.33	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.87*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	966.67	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.33*	

26 05 36 00-1092 36" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	700.98	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.05*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	741.20	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.06*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	790.85	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	849.65	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.48*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,020.06	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.00*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,124.04	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.20*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,251.66	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.58*	

26 05 36 00-1100 12" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.44	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.57*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	502.11	227.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.11*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.11	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.21*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.52	254.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.73*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	635.71	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.79*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	697.32	308.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.87*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	782.55	332.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.13*	

26 05 36 00-1108 24" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	612.74	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.64*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	643.38	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.17*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	676.23	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.81*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	717.76	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.89*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	813.18	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.66*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	877.33	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.87*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	966.67	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.33*	

26 05 36 00-1116 36" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	813.50	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.68*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	858.41	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.92*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	915.09	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.75*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	982.10	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.11*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,184.16	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.21*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,305.72	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.29*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,453.84	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.69*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	193.58	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.68*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	215.66	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.78*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	241.87	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.09*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	291.29	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.56*	
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	339.85	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.99*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.67	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.88*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.92	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.85*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	232.76	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.64*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	259.45	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.97*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	283.43	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.17*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	338.93	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.95*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	387.44	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.37*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	435.69	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.78*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	501.11	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.06*	

26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	247.43	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.37*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	275.36	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.77*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	307.80	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.39*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	374.58	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.73*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	435.12	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.76*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	494.23	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.71*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	576.82	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.84*	

26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	137.45	65.56
		For 60 Degree Bend, Deduct	*-20.24*	
		For 30 Degree Bend, Deduct	*-37.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.87*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	160.31	78.64
		For 60 Degree Bend, Deduct	*-22.77*	
		For 30 Degree Bend, Deduct	*-42.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.02*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	180.70	90.19
		For 60 Degree Bend, Deduct	*-25.06*	
		For 30 Degree Bend, Deduct	*-46.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1153		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	225.75	113.99
			For 60 Degree Bend, Deduct	*-30.81*	
			For 30 Degree Bend, Deduct	*-57.68*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.29*	
26 05 36 00-1154		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	277.18	139.61
			For 60 Degree Bend, Deduct	*-37.95*	
			For 30 Degree Bend, Deduct	*-71.01*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.08*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.86*	
26 05 36 00-1155		EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	318.15	160.26
			For 60 Degree Bend, Deduct	*-43.55*	
			For 30 Degree Bend, Deduct	*-81.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.91*	
26 05 36 00-1156		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	366.75	188.13
			For 60 Degree Bend, Deduct	*-48.91*	
			For 30 Degree Bend, Deduct	*-91.96*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.34*	

26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1158		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	150.65	67.64
			For 60 Degree Bend, Deduct	*-23.80*	
			For 30 Degree Bend, Deduct	*-43.42*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*7.53*	
26 05 36 00-1159		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	178.23	81.53
			For 60 Degree Bend, Deduct	*-27.56*	
			For 30 Degree Bend, Deduct	*-50.46*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.03*	
			For 6" Overall Height Instead Of 4-5/8", Add	*8.91*	
26 05 36 00-1160		EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	200.30	94.15
			For 60 Degree Bend, Deduct	*-30.01*	
			For 30 Degree Bend, Deduct	*-55.25*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.19*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.02*	
26 05 36 00-1161		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	247.08	120.22
			For 60 Degree Bend, Deduct	*-35.44*	
			For 30 Degree Bend, Deduct	*-65.75*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.69*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.35*	
26 05 36 00-1162		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	303.11	149.35
			For 60 Degree Bend, Deduct	*-42.79*	
			For 30 Degree Bend, Deduct	*-79.61*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.87*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.16*	
26 05 36 00-1163		EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	353.80	173.25
			For 60 Degree Bend, Deduct	*-50.36*	
			For 30 Degree Bend, Deduct	*-93.55*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.69*	
26 05 36 00-1164		EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	412.06	206.25
			For 60 Degree Bend, Deduct	*-56.93*	
			For 30 Degree Bend, Deduct	*-106.34*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.02*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.60*	

26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1166		EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	167.29	69.80
			For 60 Degree Bend, Deduct	*-28.46*	
			For 30 Degree Bend, Deduct	*-51.31*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*8.36*	
26 05 36 00-1167		EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	193.36	84.77
			For 60 Degree Bend, Deduct	*-31.32*	
			For 30 Degree Bend, Deduct	*-56.90*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.67*	
26 05 36 00-1168		EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	217.15	98.39
			For 60 Degree Bend, Deduct	*-33.95*	
			For 30 Degree Bend, Deduct	*-62.04*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.86*	
26 05 36 00-1169		EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	270.91	127.34
			For 60 Degree Bend, Deduct	*-40.57*	
			For 30 Degree Bend, Deduct	*-74.70*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.55*	
26 05 36 00-1170		EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	338.77	160.26
			For 60 Degree Bend, Deduct	*-50.35*	
			For 30 Degree Bend, Deduct	*-92.82*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	389.54	188.13
		For 60 Degree Bend, Deduct	*-56.43*	
		For 30 Degree Bend, Deduct	*-104.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.48*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	463.13	227.72
		For 60 Degree Bend, Deduct	*-65.53*	
		For 30 Degree Bend, Deduct	*-121.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.16*	

26 05 36 00-1173 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	210.00	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.50*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	234.66	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.73*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	253.81	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.69*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	298.88	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.94*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	336.60	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.83*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	373.33	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.67*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	418.05	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.90*	

26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	221.36	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.07*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	247.66	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.38*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	269.33	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.47*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	321.56	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.08*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	365.73	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.29*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	409.10	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.46*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	466.38	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.32*	

26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	263.71	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.19*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	291.80	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.59*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	320.83	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.04*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	380.01	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.00*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	430.78	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.54*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	486.63	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.33*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	555.12	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.76*	

26 05 36 00-1197 12" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	354.88	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	384.11	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.21*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	399.33	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.97*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	446.48	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.32*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	494.88	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.74*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	534.20	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.71*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	612.05	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.60*	

26 05 36 00-1205 24" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	426.44	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.32*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	463.07	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.15*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	483.38	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.17*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	533.95	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.70*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	596.36	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.82*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	640.27	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.01*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	799.51	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.98*	

26 05 36 00-1213 36" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	503.23	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.16*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	543.44	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.17*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	579.53	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.98*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	639.77	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.99*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	723.12	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.16*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	819.04	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.95*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	948.44	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.42*	

26 05 36 00-1221 12" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	415.82	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.79*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	430.68	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.53*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	442.79	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.14*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	470.94	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.55*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	498.09	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.90*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	534.38	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	579.53	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.98*	

26 05 36 00-1229 24" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	540.46	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.02*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	555.66	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.78*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	571.87	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.59*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	609.58	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.48*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	633.15	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.66*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	679.38	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.97*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	754.81	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.74*	

26 05 36 00-1237 36" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	792.56	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.63*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	812.91	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.65*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	835.12	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.76*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	877.22	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.86*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	904.33	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.22*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	973.46	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.67*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,043.50	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.18*	

26 05 36 00-1245 12" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	452.99	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.65*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.58	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.08*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	503.56	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.18*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	549.40	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.47*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	609.88	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.49*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	666.69	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.33*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	745.24	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.26*	

26 05 36 00-1253 24" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	577.36	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.87*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.92	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.35*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	638.68	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	678.25	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.91*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	770.21	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.51*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	831.31	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.57*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	914.79	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.74*	

26 05 36 00-1261 36" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	659.30	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.97*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	697.79	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.89*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	744.83	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.24*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	800.59	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.03*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	959.29	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.96*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,056.76	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.84*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,176.77	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.84*	

26 05 36 00-1269 12" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	452.99	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.65*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.58	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.08*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	503.56	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.18*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	549.40	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.47*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	609.88	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.49*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	666.69	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.33*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.88	332.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.19*	

26 05 36 00-1277 24" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	577.36	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.87*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.92	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.35*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	638.68	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.93*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	678.25	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.91*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	770.21	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.51*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	831.31	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.57*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	914.79	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.74*	

26 05 36 00-1285 36" Radius Vertical Crosses *(26 05 36 00-1124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	753.07	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.65*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	795.46	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.77*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	848.37	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.42*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	910.97	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.55*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,096.03	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.80*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,208.15	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.41*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,345.26	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.26*	

26 05 36 00-1293 12" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	190.58	90.46
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.53*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	212.59	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.63*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	238.23	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.91*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	287.18	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.36*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	334.76	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.74*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	372.28	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.61*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	430.39	206.16
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.52*	

26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	227.44	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.37*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	253.90	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.70*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	277.62	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.88*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	332.62	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.63*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	380.53	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.03*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	428.13	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.41*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	492.60	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.63*	

26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	241.58	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.08*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	269.36	113.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.47*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	301.12	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.06*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	367.06	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.35*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	426.61	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	484.89	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.24*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	566.11	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.31*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	135.47	65.56
		For 60 Degree Bend, Deduct	*-19.58*	
		For 30 Degree Bend, Deduct	*-36.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-8.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.77*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	158.26	78.64
		For 60 Degree Bend, Deduct	*-22.09*	
		For 30 Degree Bend, Deduct	*-41.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.91*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	178.57	90.19
		For 60 Degree Bend, Deduct	*-24.36*	
		For 30 Degree Bend, Deduct	*-45.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.93*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	223.25	113.99
		For 60 Degree Bend, Deduct	*-29.99*	
		For 30 Degree Bend, Deduct	*-56.31*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.16*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	274.06	139.61
		For 60 Degree Bend, Deduct	*-36.92*	
		For 30 Degree Bend, Deduct	*-69.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.70*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	314.58	160.26
		For 60 Degree Bend, Deduct	*-42.37*	
		For 30 Degree Bend, Deduct	*-79.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.73*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	363.03	188.13
		For 60 Degree Bend, Deduct	*-47.68*	
		For 30 Degree Bend, Deduct	*-89.92*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.15*	
26 05 36 00-1326		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	148.00	67.64
		For 60 Degree Bend, Deduct	*-22.93*	
		For 30 Degree Bend, Deduct	*-41.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.40*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	175.26	81.53
		For 60 Degree Bend, Deduct	*-26.58*	
		For 30 Degree Bend, Deduct	*-48.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.76*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	197.26	94.15
		For 60 Degree Bend, Deduct	*-29.01*	
		For 30 Degree Bend, Deduct	*-53.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.86*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	243.81	120.22
		For 60 Degree Bend, Deduct	*-34.36*	
		For 30 Degree Bend, Deduct	*-63.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.19*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	299.32	149.35
		For 60 Degree Bend, Deduct	*-41.54*	
		For 30 Degree Bend, Deduct	*-77.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.97*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	349.24	173.25
		For 60 Degree Bend, Deduct	*-48.85*	
		For 30 Degree Bend, Deduct	*-91.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.46*	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	407.28	206.25
		For 60 Degree Bend, Deduct	*-55.35*	
		For 30 Degree Bend, Deduct	*-103.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.36*	
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	163.72	69.80
		For 60 Degree Bend, Deduct	*-27.28*	
		For 30 Degree Bend, Deduct	*-49.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	189.72	84.77
		For 60 Degree Bend, Deduct	*-30.12*	
		For 30 Degree Bend, Deduct	*-54.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.49*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	213.43	98.39
		For 60 Degree Bend, Deduct	*-32.72*	
		For 30 Degree Bend, Deduct	*-60.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.67*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	266.80	127.34
		For 60 Degree Bend, Deduct	*-39.22*	
		For 30 Degree Bend, Deduct	*-72.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.34*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	333.75	160.26
		For 60 Degree Bend, Deduct	*-48.70*	
		For 30 Degree Bend, Deduct	*-90.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.69*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	384.22	188.13
		For 60 Degree Bend, Deduct	*-54.67*	
		For 30 Degree Bend, Deduct	*-101.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.21*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	457.28	227.72
		For 60 Degree Bend, Deduct	*-63.60*	
		For 30 Degree Bend, Deduct	*-118.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.86*	

26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	204.03	90.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.20*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	228.36	102.99
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.42*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	247.41	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.37*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	292.26	139.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.61*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	329.65	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.48*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	366.06	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.30*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	410.57	205.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.53*	

26 05 36 00-1350 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	214.91	94.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.75*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	240.93	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.05*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	262.43	120.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.12*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	314.29	149.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.71*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	358.03	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.90*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	400.96	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.05*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	457.70	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.89*	

26 05 36 00-1358 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	253.72	98.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.69*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	281.59	113.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	309.98	127.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.50*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	368.72	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.44*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	419.06	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.95*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	474.04	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.70*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	541.99	254.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.10*	

26 05 36 00-1366 12" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	348.26	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.41*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.06	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.85*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	392.17	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.61*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	437.90	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.90*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	485.44	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.27*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	523.24	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.16*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	598.92	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.95*	

26 05 36 00-1374 24" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	415.15	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.76*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	451.13	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.56*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	471.11	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.56*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	520.60	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.03*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	581.81	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.09*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	624.31	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.22*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	775.09	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.75*	

26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	487.27	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.36*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	527.05	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.35*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	561.62	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.08*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	620.88	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.04*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	702.29	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.11*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	792.67	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.63*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	919.13	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	400.96	160.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.05*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	415.38	166.57
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.77*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	427.38	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.37*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	455.20	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.76*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.05	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.05*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	517.02	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.85*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	561.62	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.08*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	515.29	173.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.76*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	530.16	180.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.51*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	546.04	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.30*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	582.99	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.15*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	605.90	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.30*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	651.49	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.57*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	724.42	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.22*	

26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	744.66	188.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.23*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	764.39	196.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.22*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	785.97	206.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.30*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	827.45	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.37*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	853.95	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.70*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	921.21	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.06*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	990.62	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.53*	

26 05 36 00-1414 12" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	443.76	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.19*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.37	227.72
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.57*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	493.25	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.66*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	536.92	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.85*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	596.96	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.50	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.58*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	726.25	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.31*	

26 05 36 00-1422 24" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	559.67	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.98*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.68	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.43*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	619.91	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.00*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	658.50	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.93*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	748.72	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.44*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	808.30	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.42*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	888.85	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.44*	

26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	638.47	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.92*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	676.08	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.80*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	721.82	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.09*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	776.07	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.80*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	928.90	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.45*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,023.11	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.16*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,139.33	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.97*	

26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	443.76	216.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.19*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.50	227.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.58*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	493.18	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.66*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	537.08	254.86
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.85*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	596.96	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.85*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.74	308.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.59*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	725.57	332.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.28*	

26 05 36 00-1446 24" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	559.67	240.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.98*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.68	254.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	619.91	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.00*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	658.50	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.93*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	748.72	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.44*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	808.30	360.74
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.42*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	888.85	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.44*	

26 05 36 00-1454 36" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	722.86	270.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.14*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	763.99	288.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.20*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	815.00	308.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.75*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	875.40	333.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.77*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,051.97	393.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.60*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,159.37	432.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.97*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,290.97	481.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.55*	

26 05 36 00-1462 Dropout Or End Plates And Reducers *(26 05 36 00-0744)*

26 05 36 00-1463 Straight Reducers *(26 05 36 00-1462)*

26 05 36 00-1464	EA	9"-6" Reducer, Aluminum Cable Tray	159.80	66.56
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.99*	
26 05 36 00-1465	EA	12"-9" Reducer, Aluminum Cable Tray	170.04	72.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.50*	
26 05 36 00-1466	EA	18"-12" Reducer, Aluminum Cable Tray	189.68	83.15
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.48*	
26 05 36 00-1467	EA	24"-18" Reducer, Aluminum Cable Tray	212.45	96.23
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.62*	
26 05 36 00-1468	EA	30"-24" Reducer, Aluminum Cable Tray	233.55	108.22
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.68*	
26 05 36 00-1469	EA	36"-30" Reducer, Aluminum Cable Tray	262.52	123.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.13*	

26 05 36 00-1470 Reducers *(26 05 36 00-1462)*

26 05 36 00-1471	EA	18"-6" Reducer, Aluminum Cable Tray	189.76	83.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.49*	
26 05 36 00-1472	EA	24"-12" Reducer, Aluminum Cable Tray	212.67	96.32
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.63*	
26 05 36 00-1473	EA	30"-12" Reducer, Aluminum Cable Tray	233.40	108.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.67*	
26 05 36 00-1474	EA	30"-18" Reducer, Aluminum Cable Tray	234.34	108.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.72*	
26 05 36 00-1475	EA	36"-12" Reducer, Aluminum Cable Tray	261.44	123.64
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.07*	
26 05 36 00-1476	EA	36"-18" Reducer, Aluminum Cable Tray	267.94	126.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.40*	
26 05 36 00-1477	EA	36"-24" Reducer, Aluminum Cable Tray	276.87	130.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.84*	

26 05 36 00-1478 Dropout Or End Plate *(26 05 36 00-1462)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1479		EA	6" Dropout Or End Plate, Aluminum Cable Tray	51.55	27.06
26 05 36 00-1480		EA	9" Dropout Or End Plate, Aluminum Cable Tray	58.39	30.93
26 05 36 00-1481		EA	12" Dropout Or End Plate, Aluminum Cable Tray	62.95	33.28
26 05 36 00-1482		EA	18" Dropout Or End Plate, Aluminum Cable Tray	75.60	39.32
26 05 36 00-1483		EA	24" Dropout Or End Plate, Aluminum Cable Tray	83.93	43.29
26 05 36 00-1484		EA	30" Dropout Or End Plate, Aluminum Cable Tray	94.17	48.07
26 05 36 00-1485		EA	36" Dropout Or End Plate, Aluminum Cable Tray	105.76	54.11

26 05 36 00-1486 Solid Bottom Cable Tray *(26 05 36 00-0001)*

Note: 3-5/8" Height.

26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1488		LF	6" Solid Bottom Steel Cable Tray, Straight Section	19.76	7.03
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*1.78*	
26 05 36 00-1489		LF	12" Solid Bottom Steel Cable Tray, Straight Section	24.53	8.66
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.24*	
26 05 36 00-1490		LF	18" Solid Bottom Steel Cable Tray, Straight Section	33.18	12.45
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.90*	
26 05 36 00-1491		LF	24" Solid Bottom Steel Cable Tray, Straight Section	38.33	14.25
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.37*	
26 05 36 00-1492		LF	30" Solid Bottom Steel Cable Tray, Straight Section	46.00	17.23
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.02*	
26 05 36 00-1493		LF	36" Solid Bottom Steel Cable Tray, Straight Section	57.61	19.75
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.35*	

26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1496		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	210.70	90.28
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.56*	
26 05 36 00-1497		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	279.23	126.98
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.71*	
26 05 36 00-1498		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	344.31	160.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.93*	
26 05 36 00-1499		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	422.24	196.87
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.52*	
26 05 36 00-1500		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	492.33	228.17
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.83*	
26 05 36 00-1501		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	552.40	254.77
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.40*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	242.29	93.97
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.68*	
26 05 36 00-1504		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	325.76	135.37
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.30*	
26 05 36 00-1505		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	404.43	173.25
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.80*	
26 05 36 00-1506		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	495.78	216.45
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.29*	
26 05 36 00-1507		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	581.75	254.32
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.88*	
26 05 36 00-1508		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	657.97	288.41
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.62*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510		EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	289.02	98.21
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.99*	
26 05 36 00-1511		EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	381.95	144.57
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.20*	
26 05 36 00-1512		EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	486.44	188.40
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.56*	
26 05 36 00-1513		EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	587.35	240.25
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.06*	
26 05 36 00-1514		EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	704.99	288.41
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.68*	
26 05 36 00-1515		EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	805.96	332.33
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.50*	

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1517		EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	195.72	90.28
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*14.31*	
26 05 36 00-1518		EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	262.35	126.98
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.18*	
26 05 36 00-1519		EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	324.69	160.08
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.02*	
26 05 36 00-1520		EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	398.23	196.60
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.96*	
26 05 36 00-1521		EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	464.30	228.17
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.63*	
26 05 36 00-1522		EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	519.66	254.32
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.57*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1523		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	220.99	94.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.47*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	300.52	135.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.53*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	375.86	173.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.47*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	462.02	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.23*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	543.05	254.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.00*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	613.66	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.98*	
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	257.91	98.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.30*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	324.27	131.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.79*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	443.33	188.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.10*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	541.35	240.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.08*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	648.93	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.27*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	744.32	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.12*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	223.56	90.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.53*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	288.88	126.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.16*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	345.51	160.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.11*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	419.83	196.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.16*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	477.86	228.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.66*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	525.08	254.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.38*	
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	260.37	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.39*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	339.02	135.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.29*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	411.66	173.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.88*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	494.58	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.11*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	564.87	254.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.35*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	635.06	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.19*	
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	304.69	98.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.34*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	376.84	131.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.64*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	486.44	188.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.56*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	589.76	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.42*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	686.91	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.96*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	778.22	332.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.34*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	373.08	173.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.09*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	451.80	216.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.75*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	533.11	254.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.51*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	637.71	309.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	693.98	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.57*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	814.57	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.64*	

26 05 36 00-1565 24" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	444.99	188.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.39*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	553.59	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.99*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	650.74	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.54*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	831.52	360.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.61*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	906.20	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.39*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,073.64	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.81*	

26 05 36 00-1572 36" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	549.87	206.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.11*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	681.22	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.09*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	806.11	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.38*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	977.34	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.06*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,072.30	433.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.58*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,263.56	541.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.35*	

26 05 36 00-1579 12" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	427.34	173.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.23*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	505.43	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.74*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	547.56	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.09*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	585.37	254.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.43*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	653.15	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.90*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	733.77	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.53*	

26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	518.54	188.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.42*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	615.08	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.22*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	676.40	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.37*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	717.05	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.48*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	814.55	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.65*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	926.70	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.46*	

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	662.69	205.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.09*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	776.48	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.38*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	864.41	308.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.19*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	917.04	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.02*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,077.41	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.07*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,166.44	432.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.93*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	462.02	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.23*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	534.31	254.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	643.76	308.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.09*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	745.92	360.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.77*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	881.89	432.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.25*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	979.59	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.70*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	585.66	240.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.73*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	686.91	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.96*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	831.52	360.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.61*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,018.04	433.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.44*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,121.87	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.05*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,239.44	541.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.73*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	752.36	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.76*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	886.89	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.50*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,084.36	433.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.39*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,230.38	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.32*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,366.04	541.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.72*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,523.86	617.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.63*	

26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

26 05 36 00-1622	EA	12"-6" Reducer, Solid Bottom, Steel Cable Tray	179.33	72.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*14.87*	
26 05 36 00-1623	EA	18"-12" Reducer, Solid Bottom, Steel Cable Tray	196.19	81.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.84*	
26 05 36 00-1624	EA	24"-18" Reducer, Solid Bottom, Steel Cable Tray	219.27	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.23*	
26 05 36 00-1625	EA	30"-24" Reducer, Solid Bottom, Steel Cable Tray	247.89	108.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.15*	
26 05 36 00-1626	EA	36"-30" Reducer, Solid Bottom, Steel Cable Tray	269.98	120.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.49*	

26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

26 05 36 00-1628	EA	18"-6" Reducer, Solid Bottom, Steel Cable Tray	196.27	81.62
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.84*	
26 05 36 00-1629	EA	24"-12" Reducer, Solid Bottom, Steel Cable Tray	218.38	94.15
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.07*	
26 05 36 00-1630	EA	30"-12" Reducer, Solid Bottom, Steel Cable Tray	245.33	108.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.78*	
26 05 36 00-1631	EA	30"-18" Reducer, Solid Bottom, Steel Cable Tray	246.39	108.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.95*	
26 05 36 00-1632	EA	36"-12" Reducer, Solid Bottom, Steel Cable Tray	268.78	120.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.31*	
26 05 36 00-1633	EA	36"-18" Reducer, Solid Bottom, Steel Cable Tray	269.98	120.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.49*	
26 05 36 00-1634	EA	36"-24" Reducer, Solid Bottom, Steel Cable Tray	271.55	120.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.69*	

26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	57.39	27.06
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	70.32	33.01
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	81.69	39.14
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	91.50	43.29
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	101.79	48.07
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	113.40	54.11

26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	18.12	5.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*1.77*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	22.41	6.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.25*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	28.73	8.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	33.82	9.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.49*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	41.74	12.36
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.20*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	49.18	13.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.12*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	219.87	90.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.94*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	267.60	113.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.19*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	307.60	127.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.93*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	358.74	149.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.90*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	422.54	173.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.48*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	477.96	196.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.88*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	255.44	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.65*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	317.80	120.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.61*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	358.95	135.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.30*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	432.10	160.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.10*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	501.98	187.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.98*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	577.80	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.60*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	310.13	98.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.16*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	388.32	127.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.00*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	449.25	144.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.30*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	511.88	172.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.95*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	596.56	206.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.12*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	696.03	239.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.43*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	204.69	90.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.65*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	250.41	113.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.62*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	286.39	127.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.77*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	334.08	149.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.25*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	393.17	173.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.07*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	444.05	196.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.88*	

26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	233.82	94.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.39*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	291.83	120.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.73*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	330.03	135.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.91*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	395.81	160.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.66*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	461.31	188.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.79*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	530.04	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.43*	

26 05 36 00-1685 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	278.14	98.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.34*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	349.24	127.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.18*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	403.41	144.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.42*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	463.43	173.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.61*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	540.93	206.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.77*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	632.28	240.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.72*	

26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	232.49	90.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.87*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	275.20	113.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.33*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	308.69	127.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.09*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	351.15	149.44
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.76*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	397.58	173.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.73*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	439.01	196.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.13*	

26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	273.89	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.42*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	327.57	120.40
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.08*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	362.21	135.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.79*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	415.82	160.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.66*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	470.51	187.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.26*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	534.38	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.08*	

26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	317.73	98.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.30*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	386.14	127.52
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.67*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	429.72	144.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.37*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	484.75	172.98
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.88*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	560.75	206.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.74*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	625.49	239.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.85*	

26 05 36 00-1713 12" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	396.12	173.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.55*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	457.46	196.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.90*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	507.25	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.01*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	565.06	240.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.64*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	669.57	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.36*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	818.29	360.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.62*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	490.47	188.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.21*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	560.43	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.99*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	626.20	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.88*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	757.48	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.55*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	915.96	360.74
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.27*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,010.04	394.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1727		**36" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	631.29	206.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.32*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	715.19	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.23*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	814.50	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.08*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	977.22	332.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.19*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,189.31	433.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*106.13*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,323.28	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.26*	
26 05 36 00-1734		**12" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	441.70	173.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.39*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	483.98	196.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.83*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	505.96	205.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.58*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	533.80	216.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.05*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	589.30	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.35*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	680.42	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.99*	
26 05 36 00-1741		**24" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	539.31	188.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.54*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	599.50	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.85*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	634.60	227.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.23*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	677.21	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.54*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	754.81	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.13*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	874.12	332.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.72*	
26 05 36 00-1748		**36" Radius Vertical Tees** *(26 05 36 00-1649)*		
26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	695.89	205.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.07*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	764.54	237.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.13*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	814.50	254.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.80*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	852.48	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.78*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	948.86	308.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.85*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	703.16	393.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.93*	
26 05 36 00-1755		**12" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	464.45	196.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.90*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	514.85	216.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.15*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	599.62	254.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.56*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	714.44	308.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.69*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	779.70	332.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.56*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	906.93	394.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.31*	
26 05 36 00-1762		**24" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	600.07	216.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.88*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	677.21	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.54*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	781.35	288.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.13*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	966.41	361.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,058.87	394.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.10*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,220.18	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.79*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	807.44	240.25
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.07*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	890.47	270.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.48*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,043.70	333.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.02*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,254.43	433.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*115.90*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,377.55	481.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*126.40*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,574.71	541.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.02*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

26 05 36 00-1777	EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	170.43	61.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*15.25*	
26 05 36 00-1778	EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	189.52	72.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.42*	
26 05 36 00-1779	EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	209.70	81.53
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.87*	
26 05 36 00-1780	EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	237.10	94.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.89*	
26 05 36 00-1781	EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	264.73	108.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.70*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	188.49	72.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*16.26*	
26 05 36 00-1784	EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	208.86	81.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.71*	
26 05 36 00-1785	EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	234.82	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.56*	
26 05 36 00-1786	EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	235.80	93.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.71*	
26 05 36 00-1787	EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	264.73	108.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.70*	
26 05 36 00-1788	EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	265.82	108.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.87*	
26 05 36 00-1789	EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	268.28	108.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*22.21*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	58.82	27.06
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	70.53	33.01
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	83.85	39.14
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	92.61	43.29
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	103.97	48.07
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	117.86	54.11

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	26.23	9.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.83*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	30.72	10.82
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.17*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	36.06	12.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.57*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	41.38	14.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.95*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	53.96	17.23
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.96*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	64.34	21.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.63*	

26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	254.13	113.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.92*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	333.27	154.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.47*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	415.29	196.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	509.17	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.86*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	574.22	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.83*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	657.51	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.95*	
26 05 36 00-1813		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	295.02	120.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.49*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	386.85	166.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.80*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	492.72	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.24*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	599.71	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.42*	
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	637.41	279.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.45*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	800.41	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.98*	
26 05 36 00-1820		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	353.29	126.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.74*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	463.00	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.25*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	595.56	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.50*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	719.93	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.26*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	831.60	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.10*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	977.09	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.69*	
26 05 36 00-1827		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	240.17	114.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.51*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	316.51	154.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.80*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	395.55	196.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.19*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	484.69	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.45*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	547.29	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.14*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	625.19	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.78*	
26 05 36 00-1834		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	274.35	120.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.41*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	362.83	166.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.40*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	464.26	216.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.36*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	566.98	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.15*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	649.76	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.18*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	756.59	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.60*	
26 05 36 00-1841		45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*		
26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	322.54	127.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.65*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	426.57	180.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.65*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	552.79	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.22*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	675.97	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.80*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	780.92	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.03*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	922.92	433.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.16*	
26 05 36 00-1848		90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	272.25	113.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	349.47	154.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.09*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	421.29	196.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.74*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	507.97	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.74*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	561.02	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.51*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	629.94	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.26*	

26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	319.02	120.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.89*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	403.65	166.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.48*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	499.92	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.96*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	594.91	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.94*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	676.73	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.94*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	770.41	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.98*	

26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	372.49	126.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.66*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	471.40	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.09*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	590.76	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.02*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	717.53	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.02*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	808.81	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.82*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	950.69	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.05*	

26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	457.93	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.76*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	558.02	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.30*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	638.32	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.04*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	742.81	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.22*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	817.39	393.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.97*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	897.90	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.77*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	561.24	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.10*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	689.93	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.26*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	796.81	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.62*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	974.69	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.45*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,078.32	481.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.71*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,206.60	541.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.57*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	681.30	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.58*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	864.00	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.34*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,009.41	433.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.81*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,247.40	541.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.65*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,400.19	620.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.31*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,631.22	719.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1890		**12" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	522.72	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.24*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	615.31	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.98*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	648.71	288.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.83*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	692.33	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.50*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	743.70	333.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.60*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	847.39	393.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.97*	
26 05 36 00-1897		**24" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	617.63	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.74*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	742.72	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.53*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	794.09	333.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.64*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	858.00	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.74*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	925.38	393.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.77*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,095.12	481.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.39*	
26 05 36 00-1904		**36" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	795.59	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.06*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	955.19	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.46*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,021.37	393.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.37*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,112.59	433.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.13*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,252.30	481.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.11*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,485.46	617.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-97.07*	
26 05 36 00-1911		**12" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	575.72	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.03*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	641.92	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.40*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	741.61	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.10*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	867.90	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.77*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	965.08	479.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.53*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,087.82	541.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.69*	
26 05 36 00-1918		**24" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	711.51	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.35*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	806.41	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.58*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	945.89	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.57*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,188.61	541.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.77*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,346.27	617.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.15*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,535.23	719.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.56*	
26 05 36 00-1925		**36" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	931.19	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.06*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,069.40	433.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.81*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,255.80	541.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.49*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,631.63	723.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-102.88*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,913.21	867.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,307.63	1,082.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-140.58*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

26 05 36 00-1933	EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	214.18	92.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.74*	
26 05 36 00-1934	EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	234.57	102.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.88*	
26 05 36 00-1935	EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	267.24	120.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.72*	
26 05 36 00-1936	EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	295.05	135.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.23*	
26 05 36 00-1937	EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	322.69	148.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.85*	

26 05 36 00-1938 Reducers *(26 05 36 00-1805)*

26 05 36 00-1939	EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	234.57	102.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-14.88*	
26 05 36 00-1940	EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	266.40	120.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.62*	
26 05 36 00-1941	EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	293.62	135.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.10*	
26 05 36 00-1942	EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	294.60	135.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.21*	
26 05 36 00-1943	EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	321.49	148.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.73*	
26 05 36 00-1944	EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	322.69	148.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.85*	
26 05 36 00-1945	EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	324.44	149.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.00*	

26 05 36 00-1946 Dropout Or End Plate *(26 05 36 00-1805)*

26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	69.92	33.28
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	82.73	39.05
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	91.23	43.11
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	102.43	48.07
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	113.96	54.02
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	134.07	64.57

26 05 36 00-1953 Vented Bottom Aluminum Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	23.20	7.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.73*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	25.68	7.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-1.92*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	28.73	8.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.15*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	33.28	9.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.52*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	38.02	10.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.91*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	47.71	12.36
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.74*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	53.43	14.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.14*	

26 05 36 00-1961 Vented Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1962 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	264.82	113.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.99*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	287.67	123.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.45*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	319.02	139.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.29*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	358.31	154.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.96*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	431.23	188.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.42*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	505.65	216.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.50*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	558.55	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.80*	

26 05 36 00-1970 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	308.76	120.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.86*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	375.83	149.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.14*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	424.17	166.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	510.30	205.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.87*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	590.76	239.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.09*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	657.13	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.17*	

26 05 36 00-1977 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	364.73	126.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.89*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	442.18	160.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.85*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	499.63	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.91*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	596.62	227.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.68*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	622.84	220.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.89*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	791.50	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.41*	

26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	248.51	114.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.35*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	269.95	123.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.67*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	299.92	139.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.38*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	335.81	154.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.73*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	404.99	188.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.82*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	473.90	216.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.32*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	523.21	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.30*	

26 05 36 00-1992 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	285.06	120.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.49*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	347.89	149.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.35*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	392.28	166.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.33*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	474.05	206.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.22*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	550.17	240.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.96*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	611.77	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.63*	

26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	331.46	127.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.54*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	403.11	160.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.97*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	455.93	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.54*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	549.50	228.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.94*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	623.52	254.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.12*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	731.79	309.52
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.38*	

26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	280.62	113.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.59*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	302.30	123.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.94*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	329.88	139.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.38*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	358.31	154.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.96*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	425.80	188.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.88*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	478.52	216.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.79*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	518.76	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	322.87	120.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.28*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	382.34	149.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.79*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	423.09	166.57
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.43*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	491.29	206.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.94*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	555.66	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.54*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	613.72	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.83*	

26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	363.65	126.98
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.78*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	430.24	160.44
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.65*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	483.35	180.64
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.28*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	577.08	227.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.73*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	641.65	254.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.94*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	738.32	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.09*	

26 05 36 00-2028 12" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	474.69	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.43*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	496.77	227.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.70*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	526.73	239.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.69*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	599.43	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.35*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	684.05	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.67*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	782.47	360.74
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.19*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	861.61	393.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.39*	

26 05 36 00-2036 24" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	574.10	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.39*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	647.55	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.25*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	731.81	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.44*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	870.95	359.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.11*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,015.67	433.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.44*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,144.21	481.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.30*	

26 05 36 00-2043 36" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	729.85	270.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.44*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	834.91	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.75*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	865.71	301.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.46*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,143.58	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.34*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,355.86	543.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.31*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,550.44	617.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.57*	

26 05 36 00-2050 12" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	517.02	216.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.67*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	536.93	227.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.72*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	569.76	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.95*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	594.98	254.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	624.76	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.97*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	663.06	288.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.27*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	743.88	332.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.69*	
26 05 36 00-2058		**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	621.86	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.16*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	688.79	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.38*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	735.77	288.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.54*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	786.07	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.87*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	846.99	332.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.00*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	955.77	394.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.71*	
26 05 36 00-2065		**36" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	791.89	270.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.69*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	878.32	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.09*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	928.38	332.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.14*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,004.39	361.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.30*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,091.43	394.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.28*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,255.32	479.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.56*	
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	542.63	240.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.24*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	576.53	254.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.42*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	608.11	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.22*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	678.63	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.13*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	781.96	359.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.21*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	874.91	392.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.82*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,069.33	481.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.82*	
26 05 36 00-2080		**24" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	706.87	271.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.10*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	793.67	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.63*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	900.25	359.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.04*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,067.61	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.75*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,173.92	479.70
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.42*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,452.77	617.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.80*	
26 05 36 00-2087		**36" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	932.58	308.89
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.52*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,047.80	361.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.64*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,203.27	432.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.31*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,464.39	543.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.17*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,641.99	620.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.49*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,904.70	719.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-130.51*	
26 05 36 00-2094		**Straight Reducers** *(26 05 36 00-1961)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2095	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray	189.77	72.15
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-12.96*	
26 05 36 00-2096	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray	199.37	76.03
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.60*	
26 05 36 00-2097	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray	228.35	90.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.32*	
26 05 36 00-2098	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray	255.02	102.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.93*	
26 05 36 00-2099	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray	286.15	120.22
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.59*	
26 05 36 00-2100	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray	314.00	135.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.15*	

26 05 36 00-2101 Reducers *(26 05 36 00-1961)*

26 05 36 00-2102	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray	199.16	75.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-13.59*	
26 05 36 00-2103	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray	228.25	90.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.32*	
26 05 36 00-2104	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray	228.25	90.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.32*	
26 05 36 00-2105	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray	255.15	102.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.94*	
26 05 36 00-2106	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray	255.15	102.99
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.94*	
26 05 36 00-2107	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray	255.41	103.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.95*	
26 05 36 00-2108	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray	288.14	120.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.80*	
26 05 36 00-2109	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray	285.79	120.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.58*	
26 05 36 00-2110	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray	314.00	135.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.15*	
26 05 36 00-2111	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray	314.00	135.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.15*	
26 05 36 00-2112	EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray	314.45	135.28
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.17*	

26 05 36 00-2113 Dropout Or End Plate *(26 05 36 00-1961)*

26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	69.68	33.28
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	76.03	36.34
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	81.85	39.05
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	92.09	43.11
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	104.59	48.07
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	116.13	54.02
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	132.94	61.87

26 05 36 00-2121 Covers And Dividers *(26 05 36 00-0001)*

26 05 36 00-2122 Galvanized Steel Covers *(26 05 36 00-2121)*

26 05 36 00-2123 Ventilated Straight Sections *(26 05 36 00-2122)*

26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	6.53	1.62
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	7.84	1.89
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	9.18	2.16
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	12.42	2.89
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	15.86	3.88
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	19.28	4.78
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	103.27	54.20

26 05 36 00-2131 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	37.86	5.77
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	42.47	6.76
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	46.32	8.03
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	62.72	10.28
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	77.03	13.08
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	92.52	14.52
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	111.68	17.32

26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	57.42	6.40
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	60.44	7.49
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	68.46	9.02
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	85.02	11.45
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	104.47	14.43
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	133.32	16.59
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	155.22	19.66

26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	80.35	7.21
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	89.48	8.30

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2150		EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	97.55	10.28
26 05 36 00-2151		EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	123.23	11.99
26 05 36 00-2152		EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	150.14	16.68
26 05 36 00-2153		EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	176.56	18.85
26 05 36 00-2154		EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	206.39	21.64
26 05 36 00-2155			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2156		EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	29.70	5.77
			For 60 Degree Bend, Deduct	*-7.58*	
			For 30 Degree Bend, Deduct	*-12.95*	
26 05 36 00-2157		EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	35.27	6.76
			For 60 Degree Bend, Deduct	*-9.05*	
			For 30 Degree Bend, Deduct	*-15.45*	
26 05 36 00-2158		EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	39.72	8.03
			For 60 Degree Bend, Deduct	*-10.04*	
			For 30 Degree Bend, Deduct	*-17.18*	
26 05 36 00-2159		EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	48.18	9.83
			For 60 Degree Bend, Deduct	*-12.13*	
			For 30 Degree Bend, Deduct	*-20.77*	
26 05 36 00-2160		EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	56.21	11.36
			For 60 Degree Bend, Deduct	*-14.18*	
			For 30 Degree Bend, Deduct	*-24.26*	
26 05 36 00-2161		EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	65.65	13.08
			For 60 Degree Bend, Deduct	*-16.64*	
			For 30 Degree Bend, Deduct	*-28.46*	
26 05 36 00-2162		EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	73.24	14.43
			For 60 Degree Bend, Deduct	*-18.64*	
			For 30 Degree Bend, Deduct	*-31.86*	
26 05 36 00-2163			**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2164		EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	40.04	6.40
			For 60 Degree Bend, Deduct	*-10.77*	
			For 30 Degree Bend, Deduct	*-18.30*	
26 05 36 00-2165		EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	45.45	7.49
			For 60 Degree Bend, Deduct	*-12.14*	
			For 30 Degree Bend, Deduct	*-20.64*	
26 05 36 00-2166		EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	52.27	9.02
			For 60 Degree Bend, Deduct	*-13.78*	
			For 30 Degree Bend, Deduct	*-23.47*	
26 05 36 00-2167		EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	60.67	10.82
			For 60 Degree Bend, Deduct	*-15.87*	
			For 30 Degree Bend, Deduct	*-27.04*	
26 05 36 00-2168		EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	69.84	12.36
			For 60 Degree Bend, Deduct	*-18.30*	
			For 30 Degree Bend, Deduct	*-31.18*	
26 05 36 00-2169		EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	86.50	14.43
			For 60 Degree Bend, Deduct	*-23.00*	
			For 30 Degree Bend, Deduct	*-39.14*	
26 05 36 00-2170		EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	96.17	16.68
			For 60 Degree Bend, Deduct	*-25.35*	
			For 30 Degree Bend, Deduct	*-43.17*	
26 05 36 00-2171			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172		EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	54.58	7.21
			For 60 Degree Bend, Deduct	*-15.26*	
			For 30 Degree Bend, Deduct	*-25.83*	
26 05 36 00-2173		EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	61.88	8.30
			For 60 Degree Bend, Deduct	*-17.23*	
			For 30 Degree Bend, Deduct	*-29.17*	
26 05 36 00-2174		EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	69.91	10.28
			For 60 Degree Bend, Deduct	*-19.13*	
			For 30 Degree Bend, Deduct	*-32.46*	
26 05 36 00-2175		EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	79.64	11.45
			For 60 Degree Bend, Deduct	*-21.90*	
			For 30 Degree Bend, Deduct	*-37.13*	
26 05 36 00-2176		EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	97.09	13.98
			For 60 Degree Bend, Deduct	*-26.68*	
			For 30 Degree Bend, Deduct	*-45.24*	
26 05 36 00-2177		EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	108.17	16.68
			For 60 Degree Bend, Deduct	*-29.31*	
			For 30 Degree Bend, Deduct	*-49.77*	
26 05 36 00-2178		EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	127.27	18.04
			For 60 Degree Bend, Deduct	*-35.08*	
			For 30 Degree Bend, Deduct	*-59.47*	
26 05 36 00-2179			**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180		EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	33.15	5.77
26 05 36 00-2181		EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	35.27	6.76
26 05 36 00-2182		EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	39.12	8.03
26 05 36 00-2183		EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	45.80	9.83
26 05 36 00-2184		EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	51.21	12.72
26 05 36 00-2185		EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	57.13	14.52
26 05 36 00-2186		EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	71.43	17.32

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	39.43	6.40
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	44.25	7.49
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	48.07	9.02
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	61.83	10.82
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	72.46	13.98
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	83.54	16.68
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	96.42	19.66
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	45.56	7.21
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	56.49	8.30
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	65.15	10.28
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	79.64	11.45
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	93.85	15.96
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	111.77	18.85
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	130.80	21.64
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	58.29	9.38
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	61.83	10.82
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	70.34	12.72
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	84.10	14.43
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	103.37	16.68
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	128.80	23.99
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	154.78	28.77
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	83.59	9.83
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	95.83	11.45
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	101.72	13.53
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	127.78	15.51
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	185.96	18.04
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	222.71	27.06
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	251.04	33.28
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	138.33	10.28
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	143.61	11.99
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	160.86	14.43
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	188.60	16.68
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	244.01	19.66
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	280.84	31.02
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	325.75	39.23
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	84.78	12.72
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	89.74	13.53
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	99.10	14.43
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	116.57	16.68
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	147.96	23.99
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	171.53	28.77
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	195.48	30.93
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	143.77	13.53
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	156.06	14.43
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	167.37	15.51
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	199.16	18.04
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	251.47	27.06
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	288.16	33.28
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	321.56	35.98
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	226.86	14.43
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	235.77	15.51
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	248.59	16.68
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	287.20	19.66
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	375.59	30.93
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	413.64	39.41
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	444.11	43.29
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers	38.28	6.76
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers	41.55	8.03
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers	41.55	8.03
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers	46.39	9.83
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers	46.39	9.83
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers	56.44	10.82
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers	60.04	10.82
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers	59.03	12.36
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers	62.63	12.36
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers	65.02	12.36
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers	68.09	13.53
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers	69.29	13.53
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers	70.49	13.53
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers	71.09	13.53

26 05 36 00-2266 Aluminum Covers *(26 05 36 00-2121)*

26 05 36 00-2267 Ventilated Straight Sections *(26 05 36 00-2266)*

26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	6.06	1.62
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	7.18	1.89
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	8.38	2.16
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	11.15	2.89
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	14.48	3.88
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	16.74	4.78
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	99.65	54.20

26 05 36 00-2275 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	34.62	5.77
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	37.32	6.76
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	41.54	8.03
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	54.03	10.28
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	68.51	13.08
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	80.02	14.52
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	97.26	17.32

26 05 36 00-2283 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	44.82	6.40
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	54.78	7.49
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	61.74	9.02
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	74.38	11.45
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	92.45	14.43
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	111.30	16.59
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	135.93	19.66

26 05 36 00-2291 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	70.57	7.21
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	77.92	8.30
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	89.87	10.28
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	106.86	11.99
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	133.02	16.68
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	152.93	18.85
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	178.18	21.64

26 05 36 00-2299 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	28.11	5.77
		For 60 Degree Bend, Deduct	*-7.05*	
		For 30 Degree Bend, Deduct	*-12.08*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	30.26	6.76
		For 60 Degree Bend, Deduct	*-7.39*	
		For 30 Degree Bend, Deduct	*-12.70*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	34.59	8.03
		For 60 Degree Bend, Deduct	*-8.35*	
		For 30 Degree Bend, Deduct	*-14.36*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	40.80	9.83
		For 60 Degree Bend, Deduct	*-9.70*	
		For 30 Degree Bend, Deduct	*-16.71*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	46.14	11.36
		For 60 Degree Bend, Deduct	*-10.85*	
		For 30 Degree Bend, Deduct	*-18.72*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	56.05	13.08
		For 60 Degree Bend, Deduct	*-13.47*	
		For 30 Degree Bend, Deduct	*-23.18*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	65.29	14.43
		For 60 Degree Bend, Deduct	*-16.01*	
		For 30 Degree Bend, Deduct	*-27.49*	

26 05 36 00-2307 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	32.07	6.40
		For 60 Degree Bend, Deduct	*-8.14*	
		For 30 Degree Bend, Deduct	*-13.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	39.58	7.49
		For 60 Degree Bend, Deduct	*-10.20*	
		For 30 Degree Bend, Deduct	*-17.41*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	43.29	9.02
		For 60 Degree Bend, Deduct	*-10.82*	
		For 30 Degree Bend, Deduct	*-18.54*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	52.26	10.82
		For 60 Degree Bend, Deduct	*-13.09*	
		For 30 Degree Bend, Deduct	*-22.42*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	62.98	12.36
		For 60 Degree Bend, Deduct	*-16.03*	
		For 30 Degree Bend, Deduct	*-27.41*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	72.95	14.43
		For 60 Degree Bend, Deduct	*-18.53*	
		For 30 Degree Bend, Deduct	*-31.68*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	84.21	16.68
		For 60 Degree Bend, Deduct	*-21.40*	
		For 30 Degree Bend, Deduct	*-36.59*	

26 05 36 00-2315 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2266)*

26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	48.88	7.21
		For 60 Degree Bend, Deduct	*-13.38*	
		For 30 Degree Bend, Deduct	*-22.69*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	54.05	8.30
		For 60 Degree Bend, Deduct	*-14.64*	
		For 30 Degree Bend, Deduct	*-24.87*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	59.45	10.28
		For 60 Degree Bend, Deduct	*-15.68*	
		For 30 Degree Bend, Deduct	*-26.71*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	70.06	11.45
		For 60 Degree Bend, Deduct	*-18.74*	
		For 30 Degree Bend, Deduct	*-31.87*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	85.16	13.98
		For 60 Degree Bend, Deduct	*-22.74*	
		For 30 Degree Bend, Deduct	*-38.68*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	98.32	16.68
		For 60 Degree Bend, Deduct	*-26.06*	
		For 30 Degree Bend, Deduct	*-44.35*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	110.39	18.04
		For 60 Degree Bend, Deduct	*-29.51*	
		For 30 Degree Bend, Deduct	*-50.19*	

26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	30.90	5.77
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	32.70	6.76
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	36.65	8.03
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	43.53	9.83
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	49.43	12.72
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	52.89	14.52
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	63.56	17.32

26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	35.05	6.40
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	39.04	7.49
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	43.83	9.02
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	52.77	10.82
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	61.25	13.98
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	76.59	16.68
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	86.01	19.66

26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	40.18	7.21
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	48.62	8.30
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	57.32	10.28
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	67.89	11.45
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	84.18	15.96
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	104.09	18.85
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	114.15	21.64

26 05 36 00-2347 12" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	50.42	9.38
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	54.94	10.82
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	62.39	12.72
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	72.95	14.43
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	89.64	16.68
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	112.72	23.99
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	135.90	28.77

26 05 36 00-2355 24" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	72.83	9.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	81.99	11.45
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	93.07	13.53
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	108.27	15.51
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	161.30	18.04
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	190.56	27.06
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	217.17	33.28
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	120.24	10.28
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	125.29	11.99
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	140.20	14.43
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	159.14	16.68
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	199.96	19.66
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	239.42	31.02
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	277.01	39.23
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	74.37	12.72
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	78.98	13.53
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	87.06	14.43
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	103.75	16.68
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	127.88	23.99
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	152.13	28.77
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	171.97	30.93
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	126.77	13.53
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	135.86	14.43
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	146.26	15.51
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	169.98	18.04
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	212.22	27.06
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	250.74	33.28
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	271.62	35.98
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	191.21	14.43
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	200.52	15.51
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	215.57	16.68
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	239.03	19.66
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	306.67	30.93
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	358.71	39.41
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	392.31	43.29
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	37.87	6.76
26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	41.02	8.03
26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	41.02	8.03
26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	46.78	9.83
26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	46.78	9.83
26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	51.68	10.82
26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	55.99	10.82
26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	59.70	12.36
26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	61.31	12.36
26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	62.43	12.36
26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	65.91	13.53
26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	67.00	13.53
26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	67.54	13.53
26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	68.08	13.53
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	6.91	2.16
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	8.06	2.34
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	9.85	2.71
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	41.99	15.51
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	47.03	16.05
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	49.38	16.68
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	55.86	17.32
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	53.46	17.32
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	57.63	18.04
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	66.18	18.85
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	80.22	19.66
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	65.83	19.66
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	72.76	20.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	81.06	21.64
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	100.36	22.82
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	47.33	16.05
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	51.78	16.68
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	55.86	17.32
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	63.03	18.04
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	63.03	18.04
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	72.78	18.85
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	79.62	19.66
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	96.75	20.65
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	69.78	18.85
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	76.62	19.66
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	89.55	20.65
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	111.06	21.64
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	52.53	18.04
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	56.58	18.85
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	61.63	19.66
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	70.36	20.65
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	64.38	18.85
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	74.23	19.66
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	81.75	20.65
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	98.46	21.64
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	71.23	19.66
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	81.75	20.65
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	98.46	21.64
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	118.36	22.82
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	44.92	13.08
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	49.88	14.43
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	59.69	16.05
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	6.41	2.07
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	7.48	2.25
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	9.07	2.53
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	37.32	14.97
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	40.44	15.51
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	43.84	16.05
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	49.49	16.68
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	48.40	16.68
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	52.74	17.32
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	59.88	18.04
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	72.08	18.85
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	62.85	18.85
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	73.53	19.66
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	87.00	20.65
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	104.99	21.64
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	43.32	15.51
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	47.04	16.05
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	51.11	16.68
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	56.53	17.32
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	55.99	17.32
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	63.67	18.04
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	70.99	18.85
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	87.09	19.66
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	72.36	18.04
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	85.64	18.85
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	99.03	19.66
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	117.93	20.65
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	48.07	17.32
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	52.82	18.04
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	55.26	18.85
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	61.05	19.66
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	58.25	18.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	69.91	18.85
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	75.16	19.66
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	91.88	20.65
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	74.25	18.85
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	90.35	19.66
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	102.19	20.65
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	117.47	21.64

26 05 36 00-2502 Horizontal Dividers *(26 05 36 00-2458)*

26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	40.40	12.36
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	44.26	13.53
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	53.65	14.97

26 05 36 00-2506 Wall Brackets *(26 05 36 00-0001)*

26 05 36 00-2507 Wall Brackets *(26 05 36 00-2506)*

26 05 36 00-2508	EA	6" Wide Tray Wall Bracket	45.91	18.04
26 05 36 00-2509	EA	9" Wide Tray Wall Bracket	47.71	18.85
26 05 36 00-2510	EA	12" Wide Tray Wall Bracket	51.43	19.66
26 05 36 00-2511	EA	18" Wide Tray Wall Bracket	54.32	20.65
26 05 36 00-2512	EA	24" Wide Tray Wall Bracket	58.30	21.64
26 05 36 00-2513	EA	30" Wide Tray Wall Bracket	66.54	22.82
26 05 36 00-2514	EA	36" Wide Tray Wall Bracket	76.87	24.35

26 05 36 00-2515 Fiberglass Cable Tray *(26 05 36 00-0001)*

26 05 36 00-2516 Ladder Bottom Fiberglass Cable Tray *(26 05 36 00-2515)*

Note: Excludes hangers and support system.

26 05 36 00-2517 Straight Tray Sections *(26 05 36 00-2516)*

26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	8.89	2.43
		For 9" Rung Spacing, Add	*0.18*	
		For 6" Rung Spacing, Add	*0.79*	
		For 4" Rung Spacing, Add	*1.45*	
		For 18" Rung Spacing, Deduct	*-0.13*	
		For Solid Bottom, Add	*2.13*	
		For Vented Trough Bottom, Add	*2.56*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	9.96	2.98
		For 9" Rung Spacing, Add	*0.19*	
		For 6" Rung Spacing, Add	*0.82*	
		For 4" Rung Spacing, Add	*1.50*	
		For 18" Rung Spacing, Deduct	*-0.14*	
		For Solid Bottom, Add	*2.31*	
		For Vented Trough Bottom, Add	*2.74*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.01	3.61
		For 9" Rung Spacing, Add	*0.20*	
		For 6" Rung Spacing, Add	*0.84*	
		For 4" Rung Spacing, Add	*1.54*	
		For 18" Rung Spacing, Deduct	*-0.14*	
		For Solid Bottom, Add	*2.49*	
		For Vented Trough Bottom, Add	*2.92*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.24	4.78
		For 9" Rung Spacing, Add	*0.21*	
		For 6" Rung Spacing, Add	*0.90*	
		For 4" Rung Spacing, Add	*1.66*	
		For 18" Rung Spacing, Deduct	*-0.15*	
		For Solid Bottom, Add	*2.89*	
		For Vented Trough Bottom, Add	*3.31*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	15.45	6.04
		For 9" Rung Spacing, Add	*0.23*	
		For 6" Rung Spacing, Add	*0.96*	
		For 4" Rung Spacing, Add	*1.77*	
		For 18" Rung Spacing, Deduct	*-0.16*	
		For Solid Bottom, Add	*3.28*	
		For Vented Trough Bottom, Add	*3.70*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	16.90	6.58
		For 9" Rung Spacing, Add	*0.24*	
		For 6" Rung Spacing, Add	*1.05*	
		For 4" Rung Spacing, Add	*1.92*	
		For 18" Rung Spacing, Deduct	*-0.17*	
		For Solid Bottom, Add	*3.58*	
		For Vented Trough Bottom, Add	*4.03*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	18.37	7.21
		For 9" Rung Spacing, Add	*0.26*	
		For 6" Rung Spacing, Add	*1.13*	
		For 4" Rung Spacing, Add	*2.08*	
		For 18" Rung Spacing, Deduct	*-0.19*	
		For Solid Bottom, Add	*3.89*	
		For Vented Trough Bottom, Add	*4.37*	

26 05 36 00-2525 90 Degree Horizontal Elbows *(26 05 36 00-2516)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	48.42	18.04
		For 9" Rung Spacing, Add	*0.75*	
		For 6" Rung Spacing, Add	*3.20*	
		For 4" Rung Spacing, Add	*5.87*	
		For 18" Rung Spacing, Deduct	*-0.53*	
		For Solid Bottom, Add	*10.47*	
		For Vented Trough Bottom, Add	*11.93*	
		For 60 Degree Bend, Deduct	*-9.75*	
		For 45 Degree Bend, Deduct	*-13.46*	
		For 30 Degree Bend, Deduct	*-17.16*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	54.14	21.01
		For 9" Rung Spacing, Add	*0.79*	
		For 6" Rung Spacing, Add	*3.39*	
		For 4" Rung Spacing, Add	*6.21*	
		For 18" Rung Spacing, Deduct	*-0.56*	
		For Solid Bottom, Add	*11.51*	
		For Vented Trough Bottom, Add	*12.98*	
		For 60 Degree Bend, Deduct	*-10.61*	
		For 45 Degree Bend, Deduct	*-14.67*	
		For 30 Degree Bend, Deduct	*-18.73*	
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	63.48	26.42
		For 9" Rung Spacing, Add	*0.83*	
		For 6" Rung Spacing, Add	*3.57*	
		For 4" Rung Spacing, Add	*6.55*	
		For 18" Rung Spacing, Deduct	*-0.60*	
		For Solid Bottom, Add	*13.09*	
		For Vented Trough Bottom, Add	*14.48*	
		For 60 Degree Bend, Deduct	*-11.82*	
		For 45 Degree Bend, Deduct	*-16.42*	
		For 30 Degree Bend, Deduct	*-21.03*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	75.14	31.93
		For 9" Rung Spacing, Add	*0.96*	
		For 6" Rung Spacing, Add	*4.10*	
		For 4" Rung Spacing, Add	*7.52*	
		For 18" Rung Spacing, Deduct	*-0.68*	
		For Solid Bottom, Add	*15.37*	
		For Vented Trough Bottom, Add	*16.91*	
		For 60 Degree Bend, Deduct	*-13.80*	
		For 45 Degree Bend, Deduct	*-19.20*	
		For 30 Degree Bend, Deduct	*-24.60*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	85.07	36.71
		For 9" Rung Spacing, Add	*1.05*	
		For 6" Rung Spacing, Add	*4.51*	
		For 4" Rung Spacing, Add	*8.27*	
		For 18" Rung Spacing, Deduct	*-0.75*	
		For Solid Bottom, Add	*17.27*	
		For Vented Trough Bottom, Add	*18.90*	
		For 60 Degree Bend, Deduct	*-15.42*	
		For 45 Degree Bend, Deduct	*-21.48*	
		For 30 Degree Bend, Deduct	*-27.54*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	93.17	39.14
		For 9" Rung Spacing, Add	*1.21*	
		For 6" Rung Spacing, Add	*5.18*	
		For 4" Rung Spacing, Add	*9.50*	
		For 18" Rung Spacing, Deduct	*-0.86*	
		For Solid Bottom, Add	*19.16*	
		For Vented Trough Bottom, Add	*21.15*	
		For 60 Degree Bend, Deduct	*-17.26*	
		For 45 Degree Bend, Deduct	*-24.00*	
		For 30 Degree Bend, Deduct	*-30.73*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	102.81	42.12
		For 9" Rung Spacing, Add	*1.39*	
		For 6" Rung Spacing, Add	*5.95*	
		For 4" Rung Spacing, Add	*10.91*	
		For 18" Rung Spacing, Deduct	*-0.99*	
		For Solid Bottom, Add	*21.37*	
		For Vented Trough Bottom, Add	*23.76*	
		For 60 Degree Bend, Deduct	*-19.41*	
		For 45 Degree Bend, Deduct	*-26.93*	
		For 30 Degree Bend, Deduct	*-34.45*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	70.72	18.04
		For 9" Rung Spacing, Add	*1.53*	
		For 6" Rung Spacing, Add	*6.55*	
		For 4" Rung Spacing, Add	*12.01*	
		For 18" Rung Spacing, Deduct	*-1.09*	
		For Solid Bottom, Add	*17.16*	
		For Vented Trough Bottom, Add	*20.85*	
		For 60 Degree Bend, Deduct	*-17.11*	
		For 45 Degree Bend, Deduct	*-23.27*	
		For 30 Degree Bend, Deduct	*-29.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	75.84	21.01
		For 9" Rung Spacing, Add	*1.55*	
		For 6" Rung Spacing, Add	*6.64*	
		For 4" Rung Spacing, Add	*12.18*	
		For 18" Rung Spacing, Deduct	*-1.11*	
		For Solid Bottom, Add	*18.02*	
		For Vented Trough Bottom, Add	*21.66*	
		For 60 Degree Bend, Deduct	*-17.77*	
		For 45 Degree Bend, Deduct	*-24.22*	
		For 30 Degree Bend, Deduct	*-30.67*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	84.57	26.42
		For 9" Rung Spacing, Add	*1.57*	
		For 6" Rung Spacing, Add	*6.73*	
		For 4" Rung Spacing, Add	*12.34*	
		For 18" Rung Spacing, Deduct	*-1.12*	
		For Solid Bottom, Add	*19.42*	
		For Vented Trough Bottom, Add	*22.92*	
		For 60 Degree Bend, Deduct	*-18.78*	
		For 45 Degree Bend, Deduct	*-25.70*	
		For 30 Degree Bend, Deduct	*-32.63*	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	94.05	31.93
		For 9" Rung Spacing, Add	*1.62*	
		For 6" Rung Spacing, Add	*6.94*	
		For 4" Rung Spacing, Add	*12.72*	
		For 18" Rung Spacing, Deduct	*-1.16*	
		For Solid Bottom, Add	*21.05*	
		For Vented Trough Bottom, Add	*24.48*	
		For 60 Degree Bend, Deduct	*-20.04*	
		For 45 Degree Bend, Deduct	*-27.52*	
		For 30 Degree Bend, Deduct	*-35.00*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	102.48	36.71
		For 9" Rung Spacing, Add	*1.66*	
		For 6" Rung Spacing, Add	*7.12*	
		For 4" Rung Spacing, Add	*13.05*	
		For 18" Rung Spacing, Deduct	*-1.19*	
		For Solid Bottom, Add	*22.49*	
		For Vented Trough Bottom, Add	*25.86*	
		For 60 Degree Bend, Deduct	*-21.17*	
		For 45 Degree Bend, Deduct	*-29.14*	
		For 30 Degree Bend, Deduct	*-37.11*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	107.32	39.14
		For 9" Rung Spacing, Add	*1.70*	
		For 6" Rung Spacing, Add	*7.31*	
		For 4" Rung Spacing, Add	*13.39*	
		For 18" Rung Spacing, Deduct	*-1.22*	
		For Solid Bottom, Add	*23.40*	
		For Vented Trough Bottom, Add	*26.81*	
		For 60 Degree Bend, Deduct	*-21.93*	
		For 45 Degree Bend, Deduct	*-30.22*	
		For 30 Degree Bend, Deduct	*-38.51*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	116.93	42.12
		For 9" Rung Spacing, Add	*1.88*	
		For 6" Rung Spacing, Add	*8.07*	
		For 4" Rung Spacing, Add	*14.80*	
		For 18" Rung Spacing, Deduct	*-1.35*	
		For Solid Bottom, Add	*25.61*	
		For Vented Trough Bottom, Add	*29.41*	
		For 60 Degree Bend, Deduct	*-24.07*	
		For 45 Degree Bend, Deduct	*-33.14*	
		For 30 Degree Bend, Deduct	*-42.22*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	105.32	45.09
		For 9" Rung Spacing, Add	*1.32*	
		For 6" Rung Spacing, Add	*5.65*	
		For 4" Rung Spacing, Add	*10.36*	
		For 18" Rung Spacing, Deduct	*-0.94*	
		For Solid Bottom, Add	*21.45*	
		For Vented Trough Bottom, Add	*23.53*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	118.53	52.94
		For 9" Rung Spacing, Add	*1.37*	
		For 6" Rung Spacing, Add	*5.88*	
		For 4" Rung Spacing, Add	*10.77*	
		For 18" Rung Spacing, Deduct	*-0.98*	
		For Solid Bottom, Add	*23.66*	
		For Vented Trough Bottom, Add	*25.59*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	135.36	63.13
		For 9" Rung Spacing, Add	*1.42*	
		For 6" Rung Spacing, Add	*6.10*	
		For 4" Rung Spacing, Add	*11.18*	
		For 18" Rung Spacing, Deduct	*-1.02*	
		For Solid Bottom, Add	*26.40*	
		For Vented Trough Bottom, Add	*28.10*	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	151.17	70.98
		For 9" Rung Spacing, Add	*1.57*	
		For 6" Rung Spacing, Add	*6.71*	
		For 4" Rung Spacing, Add	*12.31*	
		For 18" Rung Spacing, Deduct	*-1.12*	
		For Solid Bottom, Add	*29.39*	
		For Vented Trough Bottom, Add	*31.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	158.95	73.95
		For 9" Rung Spacing, Add	*1.68*	
		For 6" Rung Spacing, Add	*7.20*	
		For 4" Rung Spacing, Add	*13.21*	
		For 18" Rung Spacing, Deduct	*-1.20*	
		For Solid Bottom, Add	*31.05*	
		For Vented Trough Bottom, Add	*33.07*	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	170.29	78.19
		For 9" Rung Spacing, Add	*1.86*	
		For 6" Rung Spacing, Add	*7.96*	
		For 4" Rung Spacing, Add	*14.59*	
		For 18" Rung Spacing, Deduct	*-1.33*	
		For Solid Bottom, Add	*33.50*	
		For Vented Trough Bottom, Add	*35.88*	
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	184.87	84.23
		For 9" Rung Spacing, Add	*2.05*	
		For 6" Rung Spacing, Add	*8.79*	
		For 4" Rung Spacing, Add	*16.12*	
		For 18" Rung Spacing, Deduct	*-1.47*	
		For Solid Bottom, Add	*36.52*	
		For Vented Trough Bottom, Add	*39.23*	

26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	165.53	78.19
		For 9" Rung Spacing, Add	*1.69*	
		For 6" Rung Spacing, Add	*7.24*	
		For 4" Rung Spacing, Add	*13.28*	
		For 18" Rung Spacing, Deduct	*-1.21*	
		For Solid Bottom, Add	*32.07*	
		For Vented Trough Bottom, Add	*33.97*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	175.97	84.23
		For 9" Rung Spacing, Add	*1.74*	
		For 6" Rung Spacing, Add	*7.46*	
		For 4" Rung Spacing, Add	*13.67*	
		For 18" Rung Spacing, Deduct	*-1.24*	
		For Solid Bottom, Add	*33.85*	
		For Vented Trough Bottom, Add	*35.67*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	186.42	90.28
		For 9" Rung Spacing, Add	*1.79*	
		For 6" Rung Spacing, Add	*7.67*	
		For 4" Rung Spacing, Add	*14.06*	
		For 18" Rung Spacing, Deduct	*-1.28*	
		For Solid Bottom, Add	*35.63*	
		For Vented Trough Bottom, Add	*37.37*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	199.53	96.23
		For 9" Rung Spacing, Add	*1.93*	
		For 6" Rung Spacing, Add	*8.28*	
		For 4" Rung Spacing, Add	*15.19*	
		For 18" Rung Spacing, Deduct	*-1.38*	
		For Solid Bottom, Add	*38.21*	
		For Vented Trough Bottom, Add	*40.13*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	211.67	102.27
		For 9" Rung Spacing, Add	*2.04*	
		For 6" Rung Spacing, Add	*8.75*	
		For 4" Rung Spacing, Add	*16.05*	
		For 18" Rung Spacing, Deduct	*-1.46*	
		For Solid Bottom, Add	*40.50*	
		For Vented Trough Bottom, Add	*42.51*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	225.85	108.31
		For 9" Rung Spacing, Add	*2.22*	
		For 6" Rung Spacing, Add	*9.53*	
		For 4" Rung Spacing, Add	*17.47*	
		For 18" Rung Spacing, Deduct	*-1.59*	
		For Solid Bottom, Add	*43.41*	
		For Vented Trough Bottom, Add	*45.70*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	244.24	116.07
		For 9" Rung Spacing, Add	*2.46*	
		For 6" Rung Spacing, Add	*10.53*	
		For 4" Rung Spacing, Add	*19.30*	
		For 18" Rung Spacing, Deduct	*-1.75*	
		For Solid Bottom, Add	*47.16*	
		For Vented Trough Bottom, Add	*49.83*	

26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	101.51	45.09
		For 9" Rung Spacing, Add	*1.19*	
		For 6" Rung Spacing, Add	*5.08*	
		For 4" Rung Spacing, Add	*9.31*	
		For 18" Rung Spacing, Deduct	*-0.85*	
		For Solid Bottom, Add	*20.31*	
		For Vented Trough Bottom, Add	*22.00*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	107.39	48.16
		For 9" Rung Spacing, Add	*1.23*	
		For 6" Rung Spacing, Add	*5.29*	
		For 4" Rung Spacing, Add	*9.69*	
		For 18" Rung Spacing, Deduct	*-0.88*	
		For Solid Bottom, Add	*21.39*	
		For Vented Trough Bottom, Add	*23.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	131.28	63.13
		For 9" Rung Spacing, Add	*1.28*	
		For 6" Rung Spacing, Add	*5.49*	
		For 4" Rung Spacing, Add	*10.06*	
		For 18" Rung Spacing, Deduct	*-0.91*	
		For Solid Bottom, Add	*25.18*	
		For Vented Trough Bottom, Add	*26.47*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	146.68	70.98
		For 9" Rung Spacing, Add	*1.41*	
		For 6" Rung Spacing, Add	*6.04*	
		For 4" Rung Spacing, Add	*11.07*	
		For 18" Rung Spacing, Deduct	*-1.01*	
		For Solid Bottom, Add	*28.04*	
		For Vented Trough Bottom, Add	*29.41*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	154.05	73.95
		For 9" Rung Spacing, Add	*1.51*	
		For 6" Rung Spacing, Add	*6.47*	
		For 4" Rung Spacing, Add	*11.86*	
		For 18" Rung Spacing, Deduct	*-1.08*	
		For Solid Bottom, Add	*29.58*	
		For Vented Trough Bottom, Add	*31.11*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	164.98	78.19
		For 9" Rung Spacing, Add	*1.67*	
		For 6" Rung Spacing, Add	*7.16*	
		For 4" Rung Spacing, Add	*13.13*	
		For 18" Rung Spacing, Deduct	*-1.19*	
		For Solid Bottom, Add	*31.91*	
		For Vented Trough Bottom, Add	*33.75*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	179.01	84.23
		For 9" Rung Spacing, Add	*1.85*	
		For 6" Rung Spacing, Add	*7.91*	
		For 4" Rung Spacing, Add	*14.51*	
		For 18" Rung Spacing, Deduct	*-1.32*	
		For Solid Bottom, Add	*34.76*	
		For Vented Trough Bottom, Add	*36.88*	

26 05 36 00-2565 Straight Reducers *(26 05 36 00-2516)*

26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	46.24	18.04
		For 9" Rung Spacing, Add	*0.67*	
		For 6" Rung Spacing, Add	*2.88*	
		For 4" Rung Spacing, Add	*5.27*	
		For 18" Rung Spacing, Deduct	*-0.48*	
		For Solid Bottom, Add	*9.81*	
		For Vented Trough Bottom, Add	*11.05*	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray	51.02	21.01
		For 9" Rung Spacing, Add	*0.68*	
		For 6" Rung Spacing, Add	*2.92*	
		For 4" Rung Spacing, Add	*5.35*	
		For 18" Rung Spacing, Deduct	*-0.49*	
		For Solid Bottom, Add	*10.57*	
		For Vented Trough Bottom, Add	*11.73*	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray	55.79	24.08
		For 9" Rung Spacing, Add	*0.69*	
		For 6" Rung Spacing, Add	*2.96*	
		For 4" Rung Spacing, Add	*5.42*	
		For 18" Rung Spacing, Deduct	*-0.49*	
		For Solid Bottom, Add	*11.33*	
		For Vented Trough Bottom, Add	*12.40*	
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	60.08	26.42
		For 9" Rung Spacing, Add	*0.71*	
		For 6" Rung Spacing, Add	*3.06*	
		For 4" Rung Spacing, Add	*5.61*	
		For 18" Rung Spacing, Deduct	*-0.51*	
		For Solid Bottom, Add	*12.07*	
		For Vented Trough Bottom, Add	*13.12*	
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	67.10	28.86
		For 9" Rung Spacing, Add	*0.83*	
		For 6" Rung Spacing, Add	*3.57*	
		For 4" Rung Spacing, Add	*6.55*	
		For 18" Rung Spacing, Deduct	*-0.60*	
		For Solid Bottom, Add	*13.64*	
		For Vented Trough Bottom, Add	*14.94*	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	75.45	31.93
		For 9" Rung Spacing, Add	*0.97*	
		For 6" Rung Spacing, Add	*4.15*	
		For 4" Rung Spacing, Add	*7.60*	
		For 18" Rung Spacing, Deduct	*-0.69*	
		For Solid Bottom, Add	*15.47*	
		For Vented Trough Bottom, Add	*17.04*	

26 05 36 00-2572 Vertical Tees *(26 05 36 00-2516)*

26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	139.60	45.09
		For 9" Rung Spacing, Add	*2.52*	
		For 6" Rung Spacing, Add	*10.79*	
		For 4" Rung Spacing, Add	*19.79*	
		For 18" Rung Spacing, Deduct	*-1.80*	
		For Solid Bottom, Add	*31.73*	
		For Vented Trough Bottom, Add	*37.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	144.99	48.16
		For 9" Rung Spacing, Add	*2.55*	
		For 6" Rung Spacing, Add	*10.93*	
		For 4" Rung Spacing, Add	*20.03*	
		For 18" Rung Spacing, Deduct	*-1.82*	
		For Solid Bottom, Add	*32.68*	
		For Vented Trough Bottom, Add	*38.16*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	168.41	63.13
		For 9" Rung Spacing, Add	*2.58*	
		For 6" Rung Spacing, Add	*11.06*	
		For 4" Rung Spacing, Add	*20.27*	
		For 18" Rung Spacing, Deduct	*-1.84*	
		For Solid Bottom, Add	*36.32*	
		For Vented Trough Bottom, Add	*41.32*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	182.19	70.98
		For 9" Rung Spacing, Add	*2.65*	
		For 6" Rung Spacing, Add	*11.37*	
		For 4" Rung Spacing, Add	*20.84*	
		For 18" Rung Spacing, Deduct	*-1.89*	
		For Solid Bottom, Add	*38.69*	
		For Vented Trough Bottom, Add	*43.61*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	188.60	73.95
		For 9" Rung Spacing, Add	*2.72*	
		For 6" Rung Spacing, Add	*11.65*	
		For 4" Rung Spacing, Add	*21.36*	
		For 18" Rung Spacing, Deduct	*-1.94*	
		For Solid Bottom, Add	*39.94*	
		For Vented Trough Bottom, Add	*44.93*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	196.68	78.19
		For 9" Rung Spacing, Add	*2.78*	
		For 6" Rung Spacing, Add	*11.92*	
		For 4" Rung Spacing, Add	*21.85*	
		For 18" Rung Spacing, Deduct	*-1.99*	
		For Solid Bottom, Add	*41.42*	
		For Vented Trough Bottom, Add	*46.43*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	214.02	84.23
		For 9" Rung Spacing, Add	*3.07*	
		For 6" Rung Spacing, Add	*13.16*	
		For 4" Rung Spacing, Add	*24.13*	
		For 18" Rung Spacing, Deduct	*-2.19*	
		For Solid Bottom, Add	*45.27*	
		For Vented Trough Bottom, Add	*50.89*	

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	69.18	15.87
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	86.49	18.58

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	112.53	20.11
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	128.54	22.28

26 05 39 00-0009 Junction Boxes *(26 05 39 00-0001)*

26 05 39 00-0010 One Level Junction Boxes *(26 05 39 00-0009)*

26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	171.93	31.56
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	193.80	33.82
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	301.87	31.56
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	210.75	33.82
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	330.52	44.46
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	457.65	48.34

26 05 39 00-0017 Two Level Junction Boxes *(26 05 39 00-0009)*

26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	679.22	31.93
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	780.25	33.82

26 05 39 00-0020 Elbow Fittings *(26 05 39 00-0001)*

26 05 39 00-0021 90 Degree Horizontal Elbow *(26 05 39 00-0020)*

26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	82.32	11.63
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	84.64	11.63

26 05 39 00-0024 90 Degree Vertical Elbow *(26 05 39 00-0020)*

26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	48.42	11.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	49.35	11.63
26 05 39 00-0027		Offset Elbow *(26 05 39 00-0020)*		
		Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	48.42	13.53
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	49.35	13.53
26 05 39 00-0030		Couplings *(26 05 39 00-0001)*		
26 05 39 00-0031		Sleeve Couplings *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	33.49	18.04
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	52.85	18.04
26 05 39 00-0034		Expansion Couplings *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	70.47	18.04
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	71.63	19.03
26 05 39 00-0037		Reducing Couplings *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	60.72	2.71
26 05 39 00-0039		Duct Supports *(26 05 39 00-0001)*		
26 05 39 00-0040		Combination Support And Coupling *(26 05 39 00-0039)*		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	77.23	37.88
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	86.45	37.88
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	95.74	37.88
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	86.45	42.39
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	105.24	42.39
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	95.74	45.09
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	95.74	45.09
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	105.24	45.09
26 05 39 00-0049		Duct Support Only *(26 05 39 00-0039)*		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	68.99	33.37
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	81.05	33.37
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	93.83	33.37
26 05 39 00-0053		Underfloor Duct Accessories *(26 05 39 00-0001)*		
26 05 39 00-0054		Plugs For Unused Junction Box Openings And Duct Ends *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	6.48	2.71
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	6.96	2.71
26 05 39 00-0057		Conduit Adapters *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	24.47	4.51
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	26.10	4.51
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	25.40	4.51
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	26.34	4.51
26 05 39 00-0062		Holders And Caps *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	163.99	37.88
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	298.28	37.88
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	2.20	0.90
26 05 39 00-0066		Underfloor Dust Pans *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	66.19	4.95

26 05 43 Underground Ducts And Raceways For Electrical Systems *(26 05)*

Note: Underground utilities and conduits include warning tape.

26 05 43 00-0001		Precast Concrete Trenches, One Piece Pedestrian Trench *(26 05 43)*		
		Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0002		10" Wide Pedestrian Trench *(26 05 43 00-0001)*		
26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	46.16	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	44.47	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	64.10	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	61.75	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	33.62	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	41.33	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	30.78	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 43 00-0010 20" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	59.40
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	56.40
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	81.38
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	78.65
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	43.06
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	62.60
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	38.48

26 05 43 00-0018 30" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	78.16
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	89.14
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	97.29
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	94.18
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	62.48
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	82.63
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	47.75

26 05 43 00-0026 40" Wide Pedestrian Trench *(26 05 43 00-0001)*

26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	94.91
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	92.09
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	116.05
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	112.59
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	79.99
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	105.71
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	56.94

26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench *(26 05 43)*

Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0035 10" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	54.48
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	52.28
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	75.64
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	72.60
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	38.24
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	46.17
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	36.32
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	143.37

26 05 43 00-0044 20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	69.55
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	65.69
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	94.76
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	91.23
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	48.41
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	70.47
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	45.41
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	189.85

26 05 43 00-0053 30" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	75.08
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	87.00
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	112.52
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	108.50
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	69.86
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	93.55
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	56.52
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	236.79

26 05 43 00-0062 40" Wide Medium Vehicle Trench *(26 05 43 00-0034)*

26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	108.76
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	105.11
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	133.03
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	128.55
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	89.44
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	119.65
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	67.09
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	321.32

26 05 43 00-0071 Precast Concrete Trenches, One Piece H20 Road Crossing Trench *(26 05 43)*

Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0072 10" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	109.30
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	104.38
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	137.56

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	131.35	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	105.24	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	100.55	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	133.50	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	127.54	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	74.78	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	101.47	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	68.34	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	94.89	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	51.96	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	155.27	

26 05 43 00-0087 20" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	118.28	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	113.23	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	157.70	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	150.94	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	118.28	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	113.23	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	153.64	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	147.13	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	106.51	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	145.79	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	97.13	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	136.41	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	58.60	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	229.47	

26 05 43 00-0102 30" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	142.95	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	137.17	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	176.47	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	169.29	
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	138.89	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	133.35	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	172.41	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	165.34	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	143.78	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	188.75	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	131.46	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	176.43	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	73.77	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	287.51	

26 05 43 00-0117 40" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*

26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	160.53	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	154.32	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	197.39	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	189.59	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	156.47	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	150.51	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	193.33	
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	185.77	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	179.04	
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	234.87	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	163.92	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	219.75	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	89.42	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	390.34	

26 05 43 00-0132 Duct Bank *(26 05 43)*

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

26 05 43 00-0133 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	18.89	
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	37.81	
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	38.17	
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	76.53	
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	56.02	
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	112.88	
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	170.23	
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	100.25	
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	199.67	
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	309.55	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	142.97	
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	286.90	
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	425.36	

26 05 43 00-0147 Polyvinyl Chloride (PVC), Type EB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0148	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	5.54	
26 05 43 00-0149	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	12.24	
26 05 43 00-0150	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	23.43	
26 05 43 00-0151	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	7.32	
26 05 43 00-0152	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.61	
26 05 43 00-0153	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	29.70	
26 05 43 00-0154	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	9.68	
26 05 43 00-0155	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	19.36	
26 05 43 00-0156	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	38.75	
26 05 43 00-0157	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	58.11	
26 05 43 00-0158	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	12.06	
26 05 43 00-0159	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	24.11	
26 05 43 00-0160	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	46.55	
26 05 43 00-0161	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	65.69	
26 05 43 00-0162	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	21.81	
26 05 43 00-0163	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	32.49	
26 05 43 00-0164	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	65.15	
26 05 43 00-0165	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	106.00	

26 05 43 00-0166 Polyvinyl Chloride (PVC), Type DB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	6.14	
26 05 43 00-0168	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	13.51	
26 05 43 00-0169	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	25.78	
26 05 43 00-0170	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	7.56	
26 05 43 00-0171	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	15.10	
26 05 43 00-0172	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	30.12	
26 05 43 00-0173	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.85	
26 05 43 00-0174	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	19.70	
26 05 43 00-0175	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	39.43	
26 05 43 00-0176	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	59.12	
26 05 43 00-0177	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	12.31	
26 05 43 00-0178	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	24.62	
26 05 43 00-0179	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	47.57	
26 05 43 00-0180	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	67.22	
26 05 43 00-0181	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	22.16	
26 05 43 00-0182	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	33.22	
26 05 43 00-0183	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	66.62	
26 05 43 00-0184	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	108.20	

26 05 43 00-0185 Male Or Female Adapters *(26 05 43 00-0132)*

26 05 43 00-0186	EA	2" Adapter	30.21	
26 05 43 00-0187	EA	3" Adapter	42.35	
26 05 43 00-0188	EA	4" Adapter	54.30	
26 05 43 00-0189	EA	5" Adapter	79.44	
26 05 43 00-0190	EA	6" Adapter	99.09	

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	718.87	232.50
		For Class 1 Pole, Add	*88.83*	
		For Class 2 Pole, Add	*50.76*	
		For Class 4 Pole, Deduct	*-25.38*	
		For Class 5 Pole, Deduct	*-76.14*	
		For Class 6 Pole, Deduct	*-101.52*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	860.51	257.95
		For Class 1 Pole, Add	*120.60*	
		For Class 2 Pole, Add	*68.91*	
		For Class 4 Pole, Deduct	*-34.46*	
		For Class 5 Pole, Deduct	*-103.37*	
		For Class 6 Pole, Deduct	*-137.83*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,115.53	341.17
		For Class 1 Pole, Add	*151.65*	
		For Class 2 Pole, Add	*86.66*	
		For Class 4 Pole, Deduct	*-43.33*	
		For Class 5 Pole, Deduct	*-129.99*	
		For Class 6 Pole, Deduct	*-173.32*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,276.60	375.24
		For Class 1 Pole, Add	*184.15*	
		For Class 2 Pole, Add	*105.23*	
		For Class 4 Pole, Deduct	*-52.61*	
		For Class 5 Pole, Deduct	*-157.84*	
		For Class 6 Pole, Deduct	*-210.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,459.07	417.93
		For Class 1 Pole, Add	*218.09*	
		For Class 2 Pole, Add	*124.62*	
		For Class 4 Pole, Deduct	*-62.31*	
		For Class 5 Pole, Deduct	*-186.94*	
		For Class 6 Pole, Deduct	*-249.25*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	1,660.23	469.05
		For Class 1 Pole, Add	*252.76*	
		For Class 2 Pole, Add	*144.43*	
		For Class 4 Pole, Deduct	*-72.22*	
		For Class 5 Pole, Deduct	*-216.65*	
		For Class 6 Pole, Deduct	*-288.86*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	1,857.19	515.91
		For Class 1 Pole, Add	*288.86*	
		For Class 2 Pole, Add	*165.06*	
		For Class 4 Pole, Deduct	*-82.53*	
		For Class 5 Pole, Deduct	*-247.60*	
		For Class 6 Pole, Deduct	*-330.13*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,075.59	567.32
		For Class 1 Pole, Add	*329.30*	
		For Class 2 Pole, Add	*188.17*	
		For Class 4 Pole, Deduct	*-94.09*	
		For Class 5 Pole, Deduct	*-282.26*	
		For Class 6 Pole, Deduct	*-376.35*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	3,404.63	618.33
		For Class 1 Pole, Add	*758.77*	
		For Class 2 Pole, Add	*433.58*	
		For Class 4 Pole, Deduct	*-216.79*	
		For Class 5 Pole, Deduct	*-650.38*	
		For Class 6 Pole, Deduct	*-867.17*	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	3,739.21	657.76
		For Class 1 Pole, Add	*848.28*	
		For Class 2 Pole, Add	*484.73*	
		For Class 4 Pole, Deduct	*-242.37*	
		For Class 5 Pole, Deduct	*-727.10*	
		For Class 6 Pole, Deduct	*-969.46*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	4,110.65	702.54
		For Class 1 Pole, Add	*946.94*	
		For Class 2 Pole, Add	*541.11*	
		For Class 4 Pole, Deduct	*-270.55*	
		For Class 5 Pole, Deduct	*-811.66*	
		For Class 6 Pole, Deduct	*-1,082.22*	
26 05 46 00-0014		Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*		
26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	19.81	
26 05 46 00-0016		Crossarms *(26 05 46)* Note: Includes hardware and braces.		
26 05 46 00-0017		Wood Single Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	160.45	69.34
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	194.91	69.34
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	205.14	89.16
26 05 46 00-0021		Wood Double Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	416.50	193.16
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	442.57	193.16
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	461.66	193.16
26 05 46 00-0025		Fiberglass Crossarms *(26 05 46 00-0016)* Note: Includes hardware.		
26 05 46 00-0026		Single Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	180.68	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	229.83	41.61
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	239.74	44.57
26 05 46 00-0030		Two Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	287.14	53.50
26 05 46 00-0032		Fiberglass Crossarm Accessories *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	411.81	68.35
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	490.14	83.21
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	71.61	11.89
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	358.10	59.43
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	294.10	99.06
26 05 46 00-0038		Insulator Support System *(26 05 46 00-0016)*		
26 05 46 00-0039		Epoxy Construction Units, In Place Mounting *(26 05 46 00-0038)* Note: Includes hardware.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	88.48	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	69.76	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	180.62	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	136.93	
26 05 46 00-0044		Epoxy Construction Units, Grounding Mounting *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	59.81	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	50.65	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	161.51	
26 05 46 00-0048		Guying *(26 05 46)*		
		Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		Down Guy *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	655.48	277.37
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	665.21	277.37
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	685.21	277.37
26 05 46 00-0053	EA	Guy Guard, Plastic	22.97	
26 05 46 00-0054		Head Guy, 50' Spans *(26 05 46 00-0048)*		
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	959.41	425.96
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	959.41	425.96
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	959.41	425.96
26 05 46 00-0058		Guy Strain Insulators Additional Insulators *(26 05 46 00-0048)*		
		Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	418.88	208.03
26 05 46 00-0060		Pole Anchor *(26 05 46 00-0048)*		
		Note: Joslyn.		
26 05 46 00-0061	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	61.83	
26 05 46 00-0062	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	66.63	
26 05 46 00-0063	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	77.94	
26 05 46 00-0064	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	97.78	
26 05 46 00-0065	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	128.86	
26 05 46 00-0066	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	172.39	
26 05 46 00-0067		Insulators *(26 05 46)*		
26 05 46 00-0068		Pin Insulator With Pin *(26 05 46 00-0067)*		
26 05 46 00-0069	EA	5 KV Class 55-3, Pin Insulator With Pin	132.96	59.43
26 05 46 00-0070	EA	15 KV Class 55-5, Pin Insulator With Pin	136.79	59.43
26 05 46 00-0071		Suspension Insulator *(26 05 46 00-0067)*		
		Note: Includes clevis and strain clamp.		
26 05 46 00-0072	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	168.81	79.25
26 05 46 00-0073	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	179.23	79.25
26 05 46 00-0074	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	251.41	99.06
26 05 46 00-0075	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	398.21	158.50
26 05 46 00-0076		Spool Insulator With Clevis *(26 05 46 00-0067)*		
26 05 46 00-0077	EA	5 KV Class 53-5, Spool Insulator With Clevis	56.21	24.76
26 05 46 00-0078	EA	15 KV Class, Spool Insulator With Clevis	180.20	89.16
26 05 46 00-0079	EA	25 KV Class, Spool Insulator With Clevis	233.69	89.16
26 05 46 00-0080		Secondary Rack *(26 05 46 00-0067)*		
26 05 46 00-0081	EA	1 Spool Secondary Rack	111.66	49.53
26 05 46 00-0082	EA	2 Spool Secondary Rack	115.02	63.20
26 05 46 00-0083	EA	3 Spool Secondary Rack	172.24	84.21
26 05 46 00-0084	EA	4 Spool Secondary Rack	193.57	84.21
26 05 46 00-0085		Outdoor Load Break Switches *(26 05 46)*		
		Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0086		7.2 KV Outdoor Load Break Switches *(26 05 46 00-0085)*		
26 05 46 00-0087	EA	600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	2,761.49	336.80
26 05 46 00-0088	EA	1,200 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,289.11	336.80
26 05 46 00-0089	EA	1,600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,866.17	569.60
26 05 46 00-0090	EA	2,000 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,071.01	569.60
26 05 46 00-0091		14.4 KV Outdoor Load Break Switches *(26 05 46 00-0085)*		
26 05 46 00-0092	EA	600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	3,340.04	336.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0093	EA	1,200 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,217.61	336.80
26 05 46 00-0094	EA	1,600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,866.17	569.60
26 05 46 00-0095	EA	2,000 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,071.01	569.60
26 05 46 00-0096		23 KV Outdoor Load Break Switches *(26 05 46 00-0085)*		
26 05 46 00-0097	EA	600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	3,692.92	391.29
26 05 46 00-0098	EA	1,200 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,811.75	391.29
26 05 46 00-0099	EA	1,600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,258.99	673.61
26 05 46 00-0100	EA	2,000 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,470.53	673.61
26 05 46 00-0101		Square Distribution Poles *(26 05 46)*		
26 05 46 00-0102		Square Steel Tapered Shaft Distribution Poles *(26 05 46 00-0101)*		
26 05 46 00-0103	EA	20', Steel Taped Shaft Distribution Pole	2,195.98	421.01
26 05 46 00-0104	EA	25', Steel Taped Shaft Distribution Pole	2,456.95	445.77
26 05 46 00-0105	EA	30', Steel Taped Shaft Distribution Pole	2,670.43	495.31
26 05 46 00-0106	EA	35', Steel Taped Shaft Distribution Pole	2,953.37	544.83
26 05 46 00-0107	EA	40', Steel Taped Shaft Distribution Pole	3,944.52	594.36
26 05 46 00-0108		Square Prestressed Concrete Distribution Poles *(26 05 46 00-0101)*		
26 05 46 00-0109	EA	30', Prestressed Concrete Square Pole For Distribution	2,263.37	752.57
26 05 46 00-0110	EA	35', Prestressed Concrete Square Pole For Distribution	2,486.39	825.41
26 05 46 00-0111	EA	40', Prestressed Concrete Square Pole For Distribution	2,863.81	922.52
26 05 46 00-0112	EA	45', Prestressed Concrete Square Pole For Distribution	3,211.96	1,019.62
26 05 46 00-0113	EA	50', Prestressed Concrete Square Pole For Distribution	3,851.34	1,238.11
26 05 46 00-0114	EA	55', Prestressed Concrete Square Pole For Distribution	4,513.71	1,456.60
26 05 46 00-0115	EA	60', Prestressed Concrete Square Pole For Distribution	5,257.67	1,650.82
26 05 46 00-0116	EA	65', Prestressed Concrete Square Pole For Distribution	6,390.25	2,039.24
26 05 46 00-0117	EA	70', Prestressed Concrete Square Pole For Distribution	7,117.01	2,233.45
26 05 46 00-0118		Aluminum Tapered Poles *(26 05 46)*		
26 05 46 00-0119		Aluminum Tapered Round Seamless Shaft Poles *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,326.44	371.48
26 05 46 00-0121	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,236.79	396.24
26 05 46 00-0122	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,721.14	445.77
26 05 46 00-0123	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,409.46	495.31
26 05 46 00-0124	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,646.48	544.83
26 05 46 00-0125		Steel Service Poles Distribution *(26 05 46)* Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0126		Round Tapered Pole *(26 05 46 00-0125)*		
26 05 46 00-0127	EA	40', Galvanized Steel Tapered Round Pole For Distribution	3,269.47	594.36
26 05 46 00-0128	EA	45', Galvanized Steel Tapered Round Pole For Distribution	3,788.18	643.90
26 05 46 00-0129	EA	50', Galvanized Steel Tapered Round Pole For Distribution	4,037.84	693.42
26 05 46 00-0130	EA	55', Galvanized Steel Tapered Round Pole For Distribution	4,749.74	792.49
26 05 46 00-0131	EA	60', Galvanized Steel Tapered Round Pole For Distribution	5,853.87	891.54
26 05 46 00-0132	EA	65', Galvanized Steel Tapered Round Pole For Distribution	6,950.59	1,141.01
26 05 46 00-0133	EA	70', Galvanized Steel Tapered Round Pole For Distribution	7,743.60	1,294.43
26 05 46 00-0134	EA	75', Galvanized Steel Tapered Round Pole For Distribution	8,563.21	1,456.60
26 05 46 00-0135	EA	80', Galvanized Steel Tapered Round Pole For Distribution	9,616.73	1,650.82
26 05 46 00-0136	EA	85', Galvanized Steel Tapered Round Pole For Distribution	10,273.95	1,747.93
26 05 46 00-0137	EA	90', Galvanized Steel Tapered Round Pole For Distribution	11,160.90	1,942.14
26 05 46 00-0138	EA	95', Galvanized Steel Tapered Round Pole For Distribution	12,281.76	2,184.91
26 05 46 00-0139	EA	100', Galvanized Steel Tapered Round Pole For Distribution	13,577.01	2,476.22
26 05 46 00-0140		12 Sided Tapered *(26 05 46 00-0125)*		
26 05 46 00-0141	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,499.82	594.36
26 05 46 00-0142	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,066.84	643.90
26 05 46 00-0143	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,714.37	693.42
26 05 46 00-0144	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	7,384.02	792.49
26 05 46 00-0145	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,778.19	891.54
26 05 46 00-0146	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,899.04	1,141.01
26 05 46 00-0147	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	12,620.36	1,294.43
26 05 46 00-0148	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	13,593.68	1,456.60
26 05 46 00-0149	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	14,640.89	1,650.82
26 05 46 00-0150	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	15,512.43	1,747.93
26 05 46 00-0151	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	17,601.97	1,942.14
26 05 46 00-0152	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,704.78	2,184.91
26 05 46 00-0153	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	20,042.19	2,476.22
26 05 46 00-0154	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	21,468.97	2,767.55
26 05 46 00-0155		Standard Options For Round, 12 Sided and Octagonal Tapered Poles *(26 05 46 00-0125)*		
26 05 46 00-0156	EA	Ladder Clips	12.30	
26 05 46 00-0157	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	92.32	
26 05 46 00-0158	EA	Ground Sleeve-2' At Ground Line	92.85	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0159		Arms With Baseplates And Endplates *(26 05 46 00-0125)*		
26 05 46 00-0160	EA	4' Arm With Baseplate And Endplate	481.03	99.06
26 05 46 00-0161	EA	5' Arm With Baseplate And Endplate	519.39	99.06
26 05 46 00-0162	EA	6' Arm With Baseplate And Endplate	657.57	148.59
26 05 46 00-0163	EA	7' Arm With Baseplate And Endplate	691.13	148.59
26 05 46 00-0164	EA	8' Arm With Baseplate And Endplate	827.81	198.12
26 05 46 00-0165	EA	9' Arm With Baseplate And Endplate	866.15	198.12
26 05 46 00-0166	EA	10' Arm With Baseplate And Endplate	1,142.66	247.65
26 05 46 00-0167	EA	11' Arm With Baseplate And Endplate	1,185.70	247.65
26 05 46 00-0168		Standard Vangs Load Bearing At Any Angle *(26 05 46 00-0125)*		
26 05 46 00-0169	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	229.76	99.06
26 05 46 00-0170	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	253.26	99.06
26 05 46 00-0171	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	285.40	99.06
26 05 46 00-0172		Armless Construction Brackets *(26 05 46 00-0125)*		
26 05 46 00-0173		Verticals Insulator And Equipment Bracket *(26 05 46 00-0172)*		
26 05 46 00-0174	EA	7" 1 Position Vertical Insulation And Equipment Bracket	233.59	99.06
26 05 46 00-0175	EA	12" 1 Position Vertical Insulation And Equipment Bracket	248.43	99.06
26 05 46 00-0176	EA	12" 3 Position Vertical Insulation And Equipment Bracket	272.54	99.06
26 05 46 00-0177	EA	18" 1 Position Vertical Insulation And Equipment Bracket	387.50	148.59
26 05 46 00-0178	EA	18" 3 Position Vertical Insulation And Equipment Bracket	401.58	148.59
26 05 46 00-0179		Horizontal And Multiple Insulator Brackets *(26 05 46 00-0172)*		
26 05 46 00-0180	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	222.03	99.06
26 05 46 00-0181	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	253.21	99.06
26 05 46 00-0182	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	372.40	148.59
26 05 46 00-0183	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	445.99	148.59
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	575.58	198.12
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	614.64	198.12
26 05 46 00-0186		Pole Top Bracket And Pins *(26 05 46 00-0172)*		
26 05 46 00-0187	EA	Pole Top Pin - 5"	226.56	99.06
26 05 46 00-0188	EA	Pole Top Bracket - 5"	234.13	99.06
26 05 46 00-0189		Angle Pins *(26 05 46 00-0172)*		
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	225.54	99.06
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	250.12	99.06
26 05 46 00-0192		Static And Neutral Wire Brackets *(26 05 46 00-0172)*		
26 05 46 00-0193	EA	Neutral Wire Extension Bracket	235.44	99.06
26 05 46 00-0194	EA	Static Wire Support Bracket	238.12	99.06
26 05 46 00-0195		Cutout, Arrestor And Terminator Brackets *(26 05 46 00-0172)*		
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	216.43	99.06
26 05 46 00-0197	EA	Equipment Mounting T Bracket	228.42	99.06
26 05 46 00-0198	EA	15 KV Cutout	283.28	
26 05 46 00-0199	EA	9/10 KV Arrestor	266.42	99.06
26 05 46 00-0200		Spacer Cable, Conduit Support And Cluster Bracket *(26 05 46 00-0172)*		
26 05 46 00-0201	EA	Parallel Cable Spacer	254.65	99.06
26 05 46 00-0202	EA	Conduit Standoff Support Bracket	246.11	99.06
26 05 46 00-0203	EA	Three Transformer Pole Mounted Cluster Bracket	542.28	99.06
26 05 46 00-0204		15 KV 200 Amp Solenoid Operated High Voltage Switch *(26 05 46 00-0172)* Note: Includes pole mounting bracket.		
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	1,238.14	247.65
26 05 46 00-0206		Octagonal Tapered *(26 05 46 00-0125)*		
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	5,665.59	594.36
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	6,250.70	643.90
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	6,919.32	693.42
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	7,607.06	842.01
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	10,085.62	891.54
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	11,230.59	1,141.01
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	13,006.16	1,213.83
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	14,005.10	1,456.60
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	15,076.41	1,553.71
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	15,973.59	1,747.93
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	18,127.92	1,845.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	19,257.86	2,184.91
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	20,622.40	2,330.57
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	22,079.32	2,621.89
26 05 46 00-0221		Removal And Relocation Of Steel Service Poles *(26 05 46 00-0125)*		
26 05 46 00-0222	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	34.67	
26 05 46 00-0223		Special Steel Bases For Poles *(26 05 46 00-0125)*		
26 05 46 00-0224	EA	Spin-In Steel Base For Poles	176.96	
26 05 46 00-0225	EA	Series 3, 25' Pole And less	193.39	49.53
26 05 46 00-0226	EA	Series 4, 40' Pole And less	229.21	56.96
26 05 46 00-0227	EA	Series 5, 50' Pole And less	260.08	61.91
26 05 46 00-0228		Primary Fuse Cutouts *(26 05 46)*		
		Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 05 46 00-0229		Non-Loadbreak Current Limiting Primary Fuse Cutouts *(26 05 46 00-0228)*		
		Note: Includes the fuse and cut-out switch.		
26 05 46 00-0230		8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting *(26 05 46 00-0229)*		
26 05 46 00-0231	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	472.60	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0232	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	571.67	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 05 46 00-0233	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	670.38	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.21*	
26 05 46 00-0234	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	677.85	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.31*	
26 05 46 00-0235	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	677.85	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.31*	
26 05 46 00-0236		17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting *(26 05 46 00-0229)*		
26 05 46 00-0237	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	472.60	198.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0238		17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting *(26 05 46 00-0229)*		
26 05 46 00-0239	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	482.23	198.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0240		Fuseholders *(26 05 46 00-0229)*		
		Note: Including current limiting fuse.		
26 05 46 00-0241	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	432.01	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0242	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	531.08	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 05 46 00-0243	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	629.79	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.21*	
26 05 46 00-0244	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	435.34	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0245	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	534.41	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 05 46 00-0246	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	432.01	198.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0247		Accessories *(26 05 46 00-0229)*		
26 05 46 00-0248	EA	Hot Line Clamp	59.47	22.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.86*	
26 05 46 00-0249	EA	Stirrup	62.52	22.29
26 05 46 00-0250		Loadbreak Current Limiting Primary Fuse Cutouts *(26 05 46 00-0228)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 05 46 00-0251		8.3 KV-95 KV BIL Loadbreak Current Limiting *(26 05 46 00-0250)*		
26 05 46 00-0252	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	547.58	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0253	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	646.65	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 05 46 00-0254	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	745.36	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.21*	
26 05 46 00-0255	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	759.82	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.31*	
26 05 46 00-0256	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	759.82	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.31*	
26 05 46 00-0257		17.1 KV-95 KV BIL Loadbreak Current Limiting *(26 05 46 00-0250)*		
26 05 46 00-0258	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	547.58	198.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0259		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0260	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	547.58	198.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0261		**Fuseholders** *(26 05 46 00-0250)*		
		Note: Includes current limiting fuses.		
26 05 46 00-0262	EA	15 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	435.45	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0263	EA	25 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	534.52	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 05 46 00-0264	EA	40 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	633.23	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.21*	
26 05 46 00-0265	EA	15 Amp, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	435.45	247.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.87*	
26 05 46 00-0266		**Pole Mounted Capacitors** *(26 05 46 00-0250)*		
26 05 46 00-0267	EA	Capacitors - Pole Mounted 6 KVAR	826.80	199.71
26 05 46 00-0268		**Pole Structure Assemblies** *(26 05 46 00-0228)*		
26 05 46 00-0269		**5 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0270	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	388.94	188.21
26 05 46 00-0271	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	651.95	316.99
26 05 46 00-0272	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	633.39	247.65
26 05 46 00-0273	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	344.50	128.78
26 05 46 00-0274	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	454.22	178.31
26 05 46 00-0275	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	839.65	356.62
26 05 46 00-0276	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	644.98	267.46
26 05 46 00-0277	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,232.12	534.93
26 05 46 00-0278	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,391.89	604.26
26 05 46 00-0279	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	732.44	297.18
26 05 46 00-0280	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	682.22	316.99
26 05 46 00-0281	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,330.21	643.90
26 05 46 00-0282	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	913.92	386.34
26 05 46 00-0283	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	604.00	277.37
26 05 46 00-0284	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,184.49	564.64
26 05 46 00-0285	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	832.26	287.27
26 05 46 00-0286		**15 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0287	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	398.57	188.21
26 05 46 00-0288	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	665.71	316.99
26 05 46 00-0289	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	680.16	247.65
26 05 46 00-0290	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	361.01	128.78
26 05 46 00-0291	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	477.61	168.40
26 05 46 00-0292	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	886.42	356.62
26 05 46 00-0293	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	679.38	267.46
26 05 46 00-0294	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,302.28	534.93
26 05 46 00-0295	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,486.82	604.26
26 05 46 00-0296	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	779.21	297.18
26 05 46 00-0297	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	700.10	316.99
26 05 46 00-0298	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,348.09	643.90
26 05 46 00-0299	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	949.69	386.34
26 05 46 00-0300	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	621.88	267.46
26 05 46 00-0301	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,202.37	564.64
26 05 46 00-0302	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	868.03	346.72
26 05 46 00-0303		**25 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0304	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	942.94	297.18
26 05 46 00-0305	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	545.57	148.59
26 05 46 00-0306	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	797.82	227.84
26 05 46 00-0307	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,212.30	465.58
26 05 46 00-0308	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,057.39	346.72
26 05 46 00-0309	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,839.11	683.52
26 05 46 00-0310	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,866.59	772.68
26 05 46 00-0311	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,234.31	450.72
26 05 46 00-0312	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,104.91	450.72
26 05 46 00-0313		**50 KV Pole Structure Assemblies** *(26 05 46 00-0268)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 05 46 00-0314	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,267.52	406.15
26 05 46 00-0315	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	673.86	208.03
26 05 46 00-0316	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	925.93	326.90
26 05 46 00-0317	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,780.33	663.71
26 05 46 00-0318	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,353.81	495.31
26 05 46 00-0319	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,640.21	990.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0320	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,051.59	1,099.57
26 05 46 00-0321	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,529.29	534.93
26 05 46 00-0322	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,622.11	619.12
26 05 46 00-0323	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,549.26	584.45
26 05 46 00-0324		Overhead To Underground Conversion Structures *(26 05 46 00-0228)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 05 46 00-0325		5 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0326	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,553.84	1,981.20
26 05 46 00-0327	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,553.84	1,981.20
26 05 46 00-0328	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,553.84	1,981.20
26 05 46 00-0329	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,553.84	1,981.20
26 05 46 00-0330		15 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0331	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,618.57	1,981.20
26 05 46 00-0332	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,618.57	1,981.20
26 05 46 00-0333	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,618.57	1,981.20
26 05 46 00-0334	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,618.57	1,981.20
26 05 46 00-0335		25 KV Structures *(26 05 46 00-0324)*		
		Note: Excludes pole.		
26 05 46 00-0336	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,689.19	1,981.20
26 05 46 00-0337	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,689.19	1,981.20
26 05 46 00-0338	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,689.19	1,981.20
26 05 46 00-0339	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,689.19	1,981.20
26 05 46 00-0340		Transformer Stations *(26 05 46 00-0228)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0341		5 KV Station *(26 05 46 00-0340)*		
26 05 46 00-0342	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	4,833.40	2,640.20
26 05 46 00-0343	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	5,428.73	2,971.22
26 05 46 00-0344	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	6,024.09	3,302.01
26 05 46 00-0345	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	6,024.09	3,302.01
26 05 46 00-0346	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	4,833.40	2,640.20
26 05 46 00-0347		15 KV Stations *(26 05 46 00-0340)*		
26 05 46 00-0348	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	4,898.14	2,640.20
26 05 46 00-0349	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	5,493.47	2,971.22
26 05 46 00-0350	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	6,088.82	3,302.01
26 05 46 00-0351	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	6,088.82	3,302.01
26 05 46 00-0352	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	4,898.14	2,640.20
26 05 46 00-0353		25 KV Stations *(26 05 46 00-0340)*		
26 05 46 00-0354	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	4,968.76	2,640.20
26 05 46 00-0355	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	5,564.09	2,971.22
26 05 46 00-0356	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	6,159.44	3,302.01
26 05 46 00-0357	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	6,159.44	3,302.01
26 05 46 00-0358	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	4,968.76	2,640.20

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		Conduit Markers Pressure-Sensitive *(26 05 53)*		
		Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	9.86	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	10.31	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	11.21	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	11.39	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	11.57	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	11.84	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	13.74	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	14.10	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	14.37	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	14.64	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.20	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	15.81	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	16.34	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	16.88	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	18.42	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	19.41	
26 05 53 00-0018		Labeling Electrical Wires *(26 05 53)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 53 00-0019	EA	Labeling Wire	1.96	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001 Tape Wrapped Compression Connectors *(26 05 83)*

26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	11.96	4.06
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	13.09	4.51
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	14.16	4.96
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	16.36	5.41
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	17.61	5.86
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	19.53	6.31
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	20.92	6.76
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	22.79	7.21
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	25.22	8.12
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	26.46	8.57
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	29.41	9.02
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	31.99	9.47
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	35.74	10.37
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	41.44	11.72

26 05 83 00-0016 One Hole Compression Lugs *(26 05 83)*

26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	15.56	11.72
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	15.68	11.72
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	17.73	12.63
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	21.96	13.98
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	30.84	18.04
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	36.10	18.04
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	41.55	18.04
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	51.15	27.06
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	59.94	27.06
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	70.13	27.06
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	84.55	36.07
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	100.27	54.11
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	114.71	54.11
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	123.28	54.11
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	134.28	63.13
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	146.81	63.13
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	159.54	72.15
26 05 83 00-0034	EA	1,000 MCM Compression Lugs, 1 Hole, Low Voltage, To 600 Volts	187.63	81.17

26 05 83 00-0035 Two Hole Compression Lugs *(26 05 83)*

26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	31.78	15.33
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	34.13	16.32
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	35.97	16.32
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	41.40	18.76
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	50.99	23.45
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	59.78	27.87
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	69.95	32.65
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	84.35	39.59
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	100.03	46.99
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	114.43	53.66
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	122.99	57.81
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	133.94	62.59
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	146.42	68.36
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	160.03	74.13
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	198.13	90.19

26 05 83 00-0051 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	47.45	36.07
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	52.18	38.78
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	59.49	40.58
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	69.08	45.09
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	81.57	49.60
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	91.51	54.11
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	114.40	58.62
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	122.73	63.13
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	129.36	67.64
26 05 83 00-0061	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	147.67	74.40
26 05 83 00-0062	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	165.98	108.22
26 05 83 00-0063	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	181.82	90.19
26 05 83 00-0064	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	197.67	121.75
26 05 83 00-0065	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	219.46	126.26
26 05 83 00-0066	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	248.69	135.28

26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone *(26 05 83)*

26 05 83 00-0068	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	64.77	36.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.94*	
26 05 83 00-0069	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	75.02	36.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.47*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0070	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	103.65	54.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.06*	
26 05 83 00-0071	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	124.04	54.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.69*	
26 05 83 00-0072	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	149.00	67.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.99*	
26 05 83 00-0073	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	206.24	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.37*	

26 05 83 00-0074 Terminal Blocks *(26 05 83)*

Note: Labor excludes wire termination.

26 05 83 00-0075	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	794.80	333.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*200.41*	
26 05 83 00-0076	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	205.42	45.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 83 00-0077	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	226.82	45.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.65*	

26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0079	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	31.78	16.32
26 05 83 00-0080	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	34.13	16.32
26 05 83 00-0081	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	35.97	16.32
26 05 83 00-0082	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	41.40	18.76
26 05 83 00-0083	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	50.99	23.45
26 05 83 00-0084	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	59.78	27.87
26 05 83 00-0085	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	69.95	32.65
26 05 83 00-0086	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	84.35	39.59
26 05 83 00-0087	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	100.03	46.99
26 05 83 00-0088	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	114.43	53.66
26 05 83 00-0089	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	122.99	57.81
26 05 83 00-0090	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	133.94	62.59
26 05 83 00-0091	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	146.42	68.36
26 05 83 00-0092	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	146.77	68.36
26 05 83 00-0093	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	31.78	16.32
26 05 83 00-0094	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	34.13	16.32
26 05 83 00-0095	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	35.97	16.32
26 05 83 00-0096	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	41.40	18.76
26 05 83 00-0097	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	50.99	23.45
26 05 83 00-0098	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	59.78	27.87
26 05 83 00-0099	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	69.95	32.65
26 05 83 00-0100	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	84.35	39.59
26 05 83 00-0101	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	100.03	46.99
26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	114.43	53.66
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	122.99	57.81
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	133.94	62.59
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	146.42	68.36
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	146.77	68.36

26 05 83 00-0107 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	24.64	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	29.62	13.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.17*	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	34.25	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	44.50	20.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.08*	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	59.89	27.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	70.87	31.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.86*	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	82.45	36.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	93.47	40.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.27*	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	106.25	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	118.80	49.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.77*	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	131.30	54.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	143.71	58.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.15*	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	156.33	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.88*	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	177.42	71.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.15*	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	200.70	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	

26 05 83 00-0123 Gel Connectors *(26 05 83)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	37.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	36.66	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.25*	
26 05 83 00-0126		**Other Connections** *(26 05 83)*		
26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	8.97	4.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	9.04	4.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	9.11	4.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.48*	
26 05 83 00-0130		**Motor/Equipment Connections And Terminations** *(26 05 83)* Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors.		
26 05 83 00-0131		**AC Single Phase, 230 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	55.57	22.55
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	55.22	22.55
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	64.66	27.06
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	78.96	33.82
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.66	33.82
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.80	33.82
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.13	33.82
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.96	45.09
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.56	45.09
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	135.93	56.37
26 05 83 00-0142		**AC Three Phase, 230 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	55.22	22.55
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	64.66	27.06
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	78.96	33.82
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.66	33.82
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.80	33.82
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.13	33.82
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.96	45.09
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.56	45.09
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	135.93	56.37
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	139.45	56.37
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	175.85	67.64
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	181.20	67.64
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	247.17	90.19
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	309.84	112.73
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	365.21	135.28
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	434.61	157.82
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	499.54	180.37
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	620.04	225.46
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	732.31	268.30
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	867.19	312.94
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,236.43	469.33
26 05 83 00-0164		**AC Three Phase, 460 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	55.22	22.55
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	64.66	27.06
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	78.96	33.82
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.66	33.82
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	79.80	33.82
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	82.13	33.82
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	104.96	45.09
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.56	45.09
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	135.93	56.37
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	139.45	56.37
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	175.85	67.64
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	181.20	67.64
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	247.17	90.19
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	310.11	112.91
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	365.21	135.28
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	434.61	157.82
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	499.54	180.37
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	620.04	225.46
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	732.57	268.39
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	867.53	313.12
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,237.21	469.69
26 05 83 00-0186		**AC Single Phase, 120 Volt** *(26 05 83 00-0130)*		
26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	55.57	22.55

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			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0188			Motor Moisture Sensor *(26 05 83 00-0130)*		
26 05 83 00-0189	EA		Motor Moisture Sensor Located In Winding	395.63	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*
Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA		20 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	310.47	72.15
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.29*	
26 09 23 00-0006	EA		30 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	379.64	81.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0007	EA		60 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	697.64	126.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.76*	
26 09 23 00-0008	EA		100 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,073.61	171.35
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.81*	
26 09 23 00-0009	EA		200 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,169.77	225.46
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.28*	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA		20 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	350.45	81.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0012	EA		30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	416.85	90.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0013	EA		60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	759.27	144.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.58*	
26 09 23 00-0014	EA		100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,161.73	189.39
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.63*	
26 09 23 00-0015	EA		200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,332.19	248.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.81*	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0017	EA		20 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	409.91	90.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0018	EA		30 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	487.39	99.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0019	EA		60 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	912.23	162.33
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.40*	
26 09 23 00-0020	EA		100 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,379.96	207.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.46*	
26 09 23 00-0021	EA		200 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,953.87	270.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.33*	

26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0024	EA		20 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	487.11	72.15
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.29*	
26 09 23 00-0025	EA		30 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	613.84	81.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0026	EA		60 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,164.67	126.26
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.76*	
26 09 23 00-0027	EA		100 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,736.95	171.35
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.81*	
26 09 23 00-0028	EA		200 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,301.97	225.46
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.28*	

26 09 23 00-0029 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0030	EA		20 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	508.64	81.17
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0031	EA		30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	651.05	90.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0032	EA		60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,227.67	144.30
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.58*	
26 09 23 00-0033	EA		100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,824.61	189.39
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.63*	
26 09 23 00-0034	EA		200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,463.93	248.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.81*	

26 09 23 00-0035 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*

26 09 23 00-0036	EA		20 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	551.13	90.19
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0037	EA	30 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	721.59	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0038	EA	60 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,562.78	162.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.40*	
26 09 23 00-0039	EA	100 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,225.00	207.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.46*	
26 09 23 00-0040	EA	200 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	4,587.79	270.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.33*	

26 09 23 00-0041 Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0042 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*

26 09 23 00-0043 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*

26 09 23 00-0044	EA	20 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	439.21	72.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.29*	
26 09 23 00-0045	EA	30 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	499.25	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0046	EA	60 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	930.47	126.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.76*	
26 09 23 00-0047	EA	100 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,294.11	171.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.81*	
26 09 23 00-0048	EA	200 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,885.61	225.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.28*	

26 09 23 00-0049 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*

26 09 23 00-0050	EA	20 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	471.71	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0051	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	537.38	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0052	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	993.47	144.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.58*	
26 09 23 00-0053	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,382.69	189.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.63*	
26 09 23 00-0054	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,242.05	248.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.81*	

26 09 23 00-0055 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*

26 09 23 00-0056	EA	20 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	510.71	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0057	EA	30 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	574.59	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0058	EA	60 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,158.75	162.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.40*	
26 09 23 00-0059	EA	100 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,614.16	207.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.46*	
26 09 23 00-0060	EA	200 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,897.97	270.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.33*	

26 09 23 00-0061 NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*

26 09 23 00-0062 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*

26 09 23 00-0063	EA	20 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	638.31	72.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.29*	
26 09 23 00-0064	EA	30 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	733.45	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0065	EA	60 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,398.87	126.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.76*	
26 09 23 00-0066	EA	100 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,957.45	171.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.81*	
26 09 23 00-0067	EA	200 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,016.89	225.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*135.28*	

26 09 23 00-0068 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*

26 09 23 00-0069	EA	20 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	677.30	81.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 09 23 00-0070	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	771.58	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0071	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,461.87	144.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.58*	
26 09 23 00-0072	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,046.49	189.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.63*	
26 09 23 00-0073	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,374.25	248.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.81*	

26 09 23 00-0074 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*

26 09 23 00-0075	EA	20 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	718.79	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0076	EA	30 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	808.79	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0077	EA	60 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,809.31	162.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.40*	
26 09 23 00-0078	EA	100 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,459.20	207.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.46*	
26 09 23 00-0079	EA	200 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	5,498.57	270.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.33*	

26 09 23 00-0080 Combination Lighting Contactors *(26 09 23)*

Note: Up to 600 volt.

26 09 23 00-0081 Electrically Held, Combination Lighting Contactors *(26 09 23 00-0080)*

26 09 23 00-0082 NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*

26 09 23 00-0083 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0082)*

26 09 23 00-0084	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	825.00	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0085	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,295.34	158.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.24*	
26 09 23 00-0086	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,064.28	208.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.00*	
26 09 23 00-0087	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,707.32	272.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.68*	

26 09 23 00-0088 NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*

26 09 23 00-0089 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0088)*

26 09 23 00-0090	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,448.85	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0091	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,256.79	158.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.24*	
26 09 23 00-0092	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,742.03	208.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.00*	
26 09 23 00-0093	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	5,853.47	272.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.68*	

26 09 23 00-0094 Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0080)*

26 09 23 00-0095 NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*

26 09 23 00-0096 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0095)*

26 09 23 00-0097	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	896.22	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0098	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,541.87	158.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.24*	
26 09 23 00-0099	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,297.80	208.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.00*	
26 09 23 00-0100	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,370.88	272.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.68*	

26 09 23 00-0101 NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*

26 09 23 00-0102 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0101)*

26 09 23 00-0103	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,520.75	99.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.52*	
26 09 23 00-0104	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,504.69	158.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.24*	
26 09 23 00-0105	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,976.23	208.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.00*	
26 09 23 00-0106	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,517.04	272.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0107		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0108	EA	Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket	109.08	23.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 09 23 00-0109	EA	Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket	119.37	23.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 09 23 00-0110		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		
26 09 23 00-0111	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	951.66	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0112	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	1,213.62	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0113	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	1,480.24	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.11*	
26 09 23 00-0114		Light Control Panels *(26 09 23)*		
26 09 23 00-0115		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0114)*		
26 09 23 00-0116		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0115)*		
26 09 23 00-0117	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,387.01	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0118	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,301.91	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0119	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	1,463.08	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0120	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	2,184.31	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0121	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	2,373.53	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0122	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	1,542.01	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0123	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	1,654.59	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0124	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	1,843.62	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0125	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	2,259.93	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0126	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	2,449.13	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0127		Accessories For Lighting Control Panels (Watt Stopper) *(26 09 23 00-0115)*		
26 09 23 00-0128	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	135.01	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 09 23 00-0129	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	103.95	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0130	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	55.33	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0131		Lighting Control Panels (Synergy) *(26 09 23 00-0114)*		
26 09 23 00-0132		Lighting Control Panels (Synergy) *(26 09 23 00-0131)*		
26 09 23 00-0133	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	1,505.58	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0134		Accessories For Lighting Control Panels (Synergy) *(26 09 23 00-0131)*		
26 09 23 00-0135	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	362.82	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 09 23 00-0136	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	140.70	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0137	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	84.81	13.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.13*	
26 09 23 00-0138		Lighting Switching Panels (Lutron) *(26 09 23 00-0114)*		
26 09 23 00-0139		Lighting Switching Panels (Lutron) *(26 09 23 00-0138)*		
26 09 23 00-0140	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	1,240.47	135.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.29*	
26 09 23 00-0141	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	1,675.76	144.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.71*	
26 09 23 00-0142	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	2,172.75	153.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.13*	
26 09 23 00-0143		Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) *(26 09 23 00-0114)*		
26 09 23 00-0144	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	851.48	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0145	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	960.31	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0146	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,069.14	126.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*75.87*	
26 09 23 00-0147		**Power Filters** *(26 09 23 00-0114)*		
26 09 23 00-0148	EA	600 Amp 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	32,319.22	751.51
26 09 23 00-0149	EA	200 Amp 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	19,143.20	326.74
26 09 23 00-0150		**Signal Filters** *(26 09 23 00-0114)*		
26 09 23 00-0151	EA	0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	14,720.09	683.24
26 09 23 00-0152	EA	0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case	10,079.89	417.56
26 09 23 00-0153	EA	0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	5,620.89	242.42
26 09 23 00-0154	EA	5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case	7,675.30	242.42
26 09 23 00-0155		**Radio Controlled Devices (Lutron)** *(26 09 23)*		
26 09 23 00-0156		**Tabletop Transmitters For Radio Controlled Devices** *(26 09 23 00-0155)*		
26 09 23 00-0157		**Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0156)*		
26 09 23 00-0158	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	270.49	13.55
26 09 23 00-0159	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	349.82	13.55
26 09 23 00-0160	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	439.07	13.55
26 09 23 00-0161		**Dimmable Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0156)*		
26 09 23 00-0162	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	270.49	13.55
26 09 23 00-0163	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	320.08	13.55
26 09 23 00-0164	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	439.07	13.55
26 09 23 00-0165	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	270.49	13.55
26 09 23 00-0166	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	349.82	13.55
26 09 23 00-0167	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	439.07	13.55
26 09 23 00-0168		**Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0156)*		
26 09 23 00-0169	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	349.82	13.55
26 09 23 00-0170	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	439.07	13.55
26 09 23 00-0171	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	439.07	13.55
26 09 23 00-0172		**Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0156)*		
26 09 23 00-0173	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	270.49	13.55
26 09 23 00-0174	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	349.82	13.55
26 09 23 00-0175	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	320.08	13.55
26 09 23 00-0176	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	389.49	13.55
26 09 23 00-0177	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	349.82	13.55
26 09 23 00-0178	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	419.24	13.55
26 09 23 00-0179	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	349.82	13.55
26 09 23 00-0180		**Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0156)*		
26 09 23 00-0181	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	270.49	13.55
26 09 23 00-0182	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	349.82	13.55
26 09 23 00-0183	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	349.82	13.55
26 09 23 00-0184	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	439.07	13.55
26 09 23 00-0185	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	349.82	13.55
26 09 23 00-0186	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	439.07	13.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0187		Output Switch Closure Controls, Tabletop Wireless Transmitter *(26 09 23 00-0156)*		
26 09 23 00-0188	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	270.49	13.55
26 09 23 00-0189	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	349.82	13.55
26 09 23 00-0190	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	439.07	13.55
26 09 23 00-0191		Accessories For Tabletop Wireless Transmitter *(26 09 23 00-0156)*		
26 09 23 00-0192	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	62.25	13.55
26 09 23 00-0193		Wall Box Transmitters For Radio Controlled Devices *(26 09 23 00-0155)*		
26 09 23 00-0194	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	250.66	13.55
26 09 23 00-0195	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	270.49	13.55
26 09 23 00-0196	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	270.49	13.55
26 09 23 00-0197	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	270.49	13.55
26 09 23 00-0198	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	270.49	13.55
26 09 23 00-0199	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	270.49	13.55
26 09 23 00-0200		Interfaces For Radio Controlled Devices *(26 09 23 00-0155)*		
26 09 23 00-0201	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	250.66	13.55
26 09 23 00-0202	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	250.66	13.55
26 09 23 00-0203	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	250.66	13.55
26 09 23 00-0204	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	502.54	13.55
26 09 23 00-0205	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	716.74	13.55
26 09 23 00-0206	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	716.74	13.55
26 09 23 00-0207		Fluorescent Controllers For Radio Controlled Devices *(26 09 23 00-0155)*		
26 09 23 00-0208	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	320.08	13.55
26 09 23 00-0209	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	359.74	13.55
26 09 23 00-0210	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	419.24	13.55
26 09 23 00-0211		AC Motor Group Controllers For Radio Controlled Devices *(26 09 23 00-0155)*		
26 09 23 00-0212	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	468.82	13.55
26 09 23 00-0213	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	642.36	13.55
26 09 23 00-0214		Occupancy Sensors (Watt Stopper) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0215		Occupancy Sensors *(26 09 23 00-0214)* Note: Exclude boxes.		
26 09 23 00-0216		Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0215)*		
26 09 23 00-0217		Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0216)*		
26 09 23 00-0218	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	97.68	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0219	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	115.31	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0220		Passive Infrared, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0216)*		
26 09 23 00-0221	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	80.63	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0222	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	75.29	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0223	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	85.27	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0224	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	98.75	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0225	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	97.64	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0226		Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0216)*		
26 09 23 00-0227	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	142.16	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0228	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	153.32	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0229		Wall Switch Mounted Occupancy Sensor Accessories *(26 09 23 00-0216)*		
26 09 23 00-0230	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	5.58	2.26
26 09 23 00-0231	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.47	2.26
26 09 23 00-0232	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.47	2.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0233		Ceiling Mounted Occupancy Sensors *(26 09 23 00-0215)*		
26 09 23 00-0234		Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0233)*		
26 09 23 00-0235		25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0234)*		
26 09 23 00-0236	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	128.91	20.32
26 09 23 00-0237	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	148.09	20.32
26 09 23 00-0238	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	167.41	20.32
26 09 23 00-0239	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	165.66	20.32
26 09 23 00-0240		32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0234)*		
26 09 23 00-0241	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	140.26	20.32
26 09 23 00-0242	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	159.71	20.32
26 09 23 00-0243	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	178.14	20.32
26 09 23 00-0244	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	181.25	20.32
26 09 23 00-0245	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	151.89	20.32
26 09 23 00-0246	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	171.82	20.32
26 09 23 00-0247	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	191.68	20.32
26 09 23 00-0248	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	197.40	20.32
26 09 23 00-0249		40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0234)*		
26 09 23 00-0250	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	145.88	20.32
26 09 23 00-0251	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	169.12	20.32
26 09 23 00-0252	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	188.58	20.32
26 09 23 00-0253	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	137.32	20.32
26 09 23 00-0254	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	166.61	20.32
26 09 23 00-0255	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	176.09	20.32
26 09 23 00-0256	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	147.09	20.32
26 09 23 00-0257	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	163.95	20.32
26 09 23 00-0258	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	184.78	20.32
26 09 23 00-0259		Passive Infrared, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0233)*		
26 09 23 00-0260	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	106.53	20.32
26 09 23 00-0261	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	108.79	20.32
26 09 23 00-0262	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	114.16	20.32
26 09 23 00-0263	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	128.55	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0264	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	130.29	20.32
26 09 23 00-0265	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	137.83	20.32
26 09 23 00-0266	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	149.88	20.32
26 09 23 00-0267		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0233)*		
26 09 23 00-0268	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	177.97	20.32
26 09 23 00-0269	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	203.47	20.32
26 09 23 00-0270	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	172.56	20.32
26 09 23 00-0271		Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0215)*		
26 09 23 00-0272		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0271)*		
26 09 23 00-0273	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	218.75	20.32
26 09 23 00-0274	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	218.75	20.32
26 09 23 00-0275		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0271)*		
26 09 23 00-0276	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	203.47	20.32
26 09 23 00-0277		Occupancy Sensor Power Packs *(26 09 23 00-0214)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0278		Single Voltage, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0279	EA	220 - 240 Volt AC, 20 Amp, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	71.79	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0280	EA	347 Volt AC, 15 Amp, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	65.31	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0281		Auxiliary, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0282	EA	120, 277 Or 347 Volt AC, 20 Amp, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	59.97	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0283		Universal Voltage, Power Packs For Occupancy Sensors *(26 09 23 00-0277)*		
26 09 23 00-0284	EA	120/277 Volt AC, 20 Amp, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	79.50	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0285		Form C, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0286	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	72.08	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0287	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	72.14	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0288		Two Relay, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0289	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	90.85	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0290	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	92.14	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0291		Occupancy Sensor Power Supplies *(26 09 23 00-0277)*		
26 09 23 00-0292	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-120)	195.00	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0293	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	185.77	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0294		Intelligent, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0295	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	245.97	18.06
26 09 23 00-0296		DIN Rail Mounted, Occupancy Sensor Power Packs *(26 09 23 00-0277)*		
26 09 23 00-0297	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	78.77	18.06
26 09 23 00-0298		Occupancy Sensor Accessories *(26 09 23 00-0214)*		
26 09 23 00-0299		Protective Cages For Occupancy Sensors *(26 09 23 00-0298)*		
26 09 23 00-0300	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	45.35	6.77
26 09 23 00-0301		Mounting Brackets For Occupancy Sensors *(26 09 23 00-0298)*		
26 09 23 00-0302	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	35.28	11.29
26 09 23 00-0303		Occupancy/Lighting Logger *(26 09 23 00-0298)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0304	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	337.04	38.39
26 09 23 00-0305		Remove And Reinstall Occupancy Sensors *(26 09 23 00-0298)*		
26 09 23 00-0306	EA	Removal And Reinstallation Of Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	60.97	
26 09 23 00-0307	EA	Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	27.10	
26 09 23 00-0308		Digital Time Light Switches *(26 09 23 00-0214)*		
26 09 23 00-0309	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	72.76	9.03
26 09 23 00-0310		Occupancy Sensors (Sensor Switch) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0311		Occupancy Sensors (Sensor Switch) *(26 09 23 00-0310)* Note: Exclude boxes		
26 09 23 00-0312		Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0311)*		
26 09 23 00-0313		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) *(26 09 23 00-0312)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0314	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	100.56	9.03
26 09 23 00-0315	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	73.06	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0316	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	70.04	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0317	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	70.04	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0318	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	86.81	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0319	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	86.81	9.03
26 09 23 00-0320	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	104.00	9.03
26 09 23 00-0321	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	86.81	9.03

26 09 23 00-0322 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)

(26 09 23 00-0312)

Note: Includes passive infrared and microphonics detection

26 09 23 00-0323	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	128.06	9.03
26 09 23 00-0324	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	100.56	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0325	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	98.50	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0326	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	98.50	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0327	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	114.31	9.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 09 23 00-0328	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	114.31	9.03
26 09 23 00-0329	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	122.56	9.03

26 09 23 00-0330 Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0312)*

26 09 23 00-0331	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	10.02	2.26
26 09 23 00-0332	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	10.02	2.26
26 09 23 00-0333	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	18.27	2.26
26 09 23 00-0334	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	18.27	2.26

26 09 23 00-0335 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0311)*

26 09 23 00-0336 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0335)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0337	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	123.15	20.32
26 09 23 00-0338	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	123.15	20.32
26 09 23 00-0339	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	123.15	20.32
26 09 23 00-0340	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	130.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0341	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	130.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0342	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	108.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0343	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0344	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0345	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	135.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0346	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	123.15	20.32
26 09 23 00-0347	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	123.15	20.32
26 09 23 00-0348	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	123.15	20.32
26 09 23 00-0349	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	130.03	20.32
26 09 23 00-0350	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	130.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0351	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	108.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0352	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0353	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0354	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	135.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0355 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0335)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0356	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	150.65	20.32
26 09 23 00-0357	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	150.65	20.32
26 09 23 00-0358	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	150.65	20.32
26 09 23 00-0359	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0360	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0361	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	121.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0362	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	171.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0363	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	171.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0364	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	149.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0365	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	150.65	20.32
26 09 23 00-0366	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	150.65	20.32
26 09 23 00-0367	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	150.65	20.32
26 09 23 00-0368	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0369	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0370	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	121.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0371	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	171.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0372	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	171.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0373	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	149.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0374 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0311)*

26 09 23 00-0375 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0374)*

26 09 23 00-0376	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	123.15	20.32
26 09 23 00-0377	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	136.90	20.32
26 09 23 00-0378	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	164.40	20.32
26 09 23 00-0379	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0380	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	185.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0381 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0374)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0382	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	150.65	20.32
26 09 23 00-0383	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	171.27	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0384	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	198.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0385 High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0311)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0386		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0385)*		
26 09 23 00-0387	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	123.15	20.32
26 09 23 00-0388	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	123.15	20.32
26 09 23 00-0389	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	123.15	20.32
26 09 23 00-0390	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	108.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0391	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	108.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0392	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	108.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0393	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	135.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0394	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	135.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0395	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	135.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0396	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0397	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0398	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0399	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0400	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0401	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	117.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0402	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	136.90	20.32
26 09 23 00-0403	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	136.90	20.32
26 09 23 00-0404	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	136.90	20.32
26 09 23 00-0405	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	163.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0406	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	163.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0407	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	163.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0408	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	145.15	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0409	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	145.15	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0410	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	124.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0411	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	124.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0412	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	124.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0413	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	124.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0414	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	136.90	20.32
26 09 23 00-0415	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	136.90	20.32
26 09 23 00-0416	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	163.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0417	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	163.03	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0418	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	157.53	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0419	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0420	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	143.77	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0421 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0310)*

26 09 23 00-0422	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	74.63	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0423	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	102.13	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0424	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	60.88	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0425	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	56.75	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0426	EA	20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	70.51	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0427	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	104.88	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0428	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	104.88	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	
26 09 23 00-0429	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	104.88	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.84*	

26 09 23 00-0430 Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0310)*

26 09 23 00-0431 Remove And Reinstall Occupancy Sensors *(26 09 23 00-0430)*

26 09 23 00-0432	EA	Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	27.10	
26 09 23 00-0433	EA	Removal And Reinstallation Of Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	60.97	

26 09 23 00-0434 Daylighting Control (Sensor Switch) *(26 09 23 00-0310)*

26 09 23 00-0435	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	109.40	20.32
26 09 23 00-0436	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	109.40	20.32
26 09 23 00-0437	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	109.40	20.32
26 09 23 00-0438	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0439	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0440	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0441	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	109.40	20.32
26 09 23 00-0442	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	109.40	20.32
26 09 23 00-0443	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	109.40	20.32
26 09 23 00-0444	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0445	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0446	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	109.40	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0447	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	150.65	20.32
26 09 23 00-0448	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	150.65	20.32
26 09 23 00-0449	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	150.65	20.32
26 09 23 00-0450	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	150.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0451	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	150.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	
26 09 23 00-0452	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	150.65	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.20*	

26 09 23 00-0453 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0454 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0453)*

Note: Excludes boxes.

26 09 23 00-0455 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0454)*

26 09 23 00-0456 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0455)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0457	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	179.45	9.03

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0458		360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0454)*		
26 09 23 00-0459		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0458)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0460	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	218.00	20.32
26 09 23 00-0461	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	218.00	20.32
26 09 23 00-0462	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	218.00	20.32
26 09 23 00-0463		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0458)*		
		Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0464	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	253.47	20.32
26 09 23 00-0465	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	253.47	20.32
26 09 23 00-0466	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	262.33	20.32
26 09 23 00-0467		Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0454)*		
26 09 23 00-0468		Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0467)*		
		Note: Includes passive infrared and microphonics detection		
26 09 23 00-0469	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	253.47	20.32
26 09 23 00-0470		High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0454)*		
26 09 23 00-0471		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0470)*		
26 09 23 00-0472	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	218.00	20.32
26 09 23 00-0473		Occupancy Sensor Power Packs (Sensor Switch nLight®) *(26 09 23 00-0453)*		
26 09 23 00-0474	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	80.47	18.06
26 09 23 00-0475	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	98.22	18.06
26 09 23 00-0476	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	128.35	18.06
26 09 23 00-0477	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	128.35	18.06
26 09 23 00-0478		Occupancy Sensor Accessories (Sensor Switch nLight®) *(26 09 23 00-0453)*		
26 09 23 00-0479	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	262.33	20.32
26 09 23 00-0480	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	351.03	20.32
26 09 23 00-0481		Daylighting Controls (Sensor Switch nLight®) *(26 09 23 00-0453)*		
26 09 23 00-0482	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	182.53	20.32
26 09 23 00-0483		Controls (Sensor Switch nLight®) *(26 09 23 00-0453)*		
26 09 23 00-0484	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	124.01	20.32
26 09 23 00-0485	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	173.68	20.32
26 09 23 00-0486	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	386.49	20.32
26 09 23 00-0487	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	386.49	20.32
26 09 23 00-0488	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	1,415.13	20.32
26 09 23 00-0489		Occupancy Sensors (Lutron) *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0490		Wireless Occupancy Sensors *(26 09 23 00-0489)*		
26 09 23 00-0491	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	95.27	20.32
26 09 23 00-0492	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	96.14	20.32
26 09 23 00-0493	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	101.00	20.32
26 09 23 00-0494	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	97.23	20.32
26 09 23 00-0495	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	101.00	20.32
26 09 23 00-0496	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	95.27	20.32
26 09 23 00-0497	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	97.23	20.32
26 09 23 00-0498	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	96.14	20.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0499	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	141.85	20.32
26 09 23 00-0500	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	150.56	20.32
26 09 23 00-0501	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	170.15	20.32
26 09 23 00-0502	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	178.86	20.32
26 09 23 00-0503	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	183.21	20.32
26 09 23 00-0504	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	191.92	20.32
26 09 23 00-0505	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	114.43	20.32
26 09 23 00-0506	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	120.09	20.32
26 09 23 00-0507	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	138.59	20.32
26 09 23 00-0508	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	152.74	20.32
26 09 23 00-0509	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	163.62	20.32
26 09 23 00-0510	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	142.94	20.32

26 09 23 00-0511 Nodes And Modules *(26 09 23 00-0489)*

26 09 23 00-0512	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	147.29	20.32
26 09 23 00-0513	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	147.29	20.32
26 09 23 00-0514	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	183.21	20.32
26 09 23 00-0515	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	183.21	20.32
26 09 23 00-0516	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	232.34	22.58
26 09 23 00-0517	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	232.34	22.58
26 09 23 00-0518	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	279.14	22.58
26 09 23 00-0519	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	285.67	22.58
26 09 23 00-0520	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	349.88	22.58
26 09 23 00-0521	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	370.56	22.58
26 09 23 00-0522	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	391.24	22.58
26 09 23 00-0523	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,043.59	36.13
26 09 23 00-0524	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,028.13	40.65
26 09 23 00-0525	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	1,499.70	45.16

26 09 23 00-0526 Other Accessories *(26 09 23 00-0489)*

26 09 23 00-0527	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	28.11	
26 09 23 00-0528	EA	Pico® Wireless Control (Lutron® PJ)	28.89	
26 09 23 00-0529	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	79.78	
26 09 23 00-0530	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	154.88	
26 09 23 00-0531	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	176.93	20.32
26 09 23 00-0532	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	221.04	20.32
26 09 23 00-0533	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	221.04	20.32
26 09 23 00-0534	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	356.41	22.58
26 09 23 00-0535	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	483.74	22.58
26 09 23 00-0536	EA	Control Interface (Lutron® QSE-CI-NWK-E)	578.27	20.32
26 09 23 00-0537	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	573.93	20.32
26 09 23 00-0538	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	764.39	20.32
26 09 23 00-0539	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	1,589.08	631.29
26 09 23 00-0540	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	2,024.41	631.29

26 09 23 00-0541 Fixture Mounted Occupancy Sensors (Leviton) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0542	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	91.79	20.32
26 09 23 00-0543	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	81.78	20.32
26 09 23 00-0544	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	100.06	20.32
26 09 23 00-0545	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	81.78	20.32

26 09 23 00-0546 Wireless Enabled Communication Devices For Streetlights *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0547 Wireless Enabled Communication Devices For Streetlights (Roam®) *(26 09 23 00-0546)*

26 09 23 00-0548 Wireless Enabled Communication Nodes For Streetlights (Roam®) *(26 09 23 00-0547)*

Note: 2.4GHz wireless enabled communication node for wireless remote on/off, group scheduling, photocontrol and diagnostics.

26 09 23 00-0549	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	184.50	
26 09 23 00-0550	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	255.44	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0551		Wireless Enabled Communication Devices For Streetlights (Roam®) *(26 09 23 00-0547)*		
26 09 23 00-0552	EA	Retrofit Receptacle Kit (Roam® DUR103)	37.31	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0553	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	7,193.57	49.76
26 09 23 00-0554		Consoles *(26 09 23)*		
26 09 23 00-0555	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	415.00	112.73
26 09 23 00-0556		Emergency Lighting Controls *(26 09 23)*		
26 09 23 00-0557		Emergency Lighting Control Units (Watt Stopper ELCU) *(26 09 23 00-0556)*		
		Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0558	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	168.02	22.58
26 09 23 00-0559	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	168.02	22.58
26 09 23 00-0560		Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0556)*		
		Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0561	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	223.45	31.61
26 09 23 00-0562	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	301.07	36.13
26 09 23 00-0563	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)	401.72	40.65
		Note: Controls normal and emergency lighting from single-pole wall switch.		
26 09 23 00-0564		Photocells *(26 09 23)*		
26 09 23 00-0565	EA	Plug-In Photocell For Lighting Fixtures	63.07	
26 09 23 00-0566	EA	Wired Photocell For Lighting Fixtures	155.67	

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001		"Switchyard" Substation Primary Incoming Section *(26 11 13)*		
26 11 13 00-0002		Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)*		
		Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	34,034.91	1,560.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*952.25*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	41,772.13	1,973.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,190.31*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	47,172.76	1,973.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,190.31*	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	54,149.84	1,973.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,269.66*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	61,456.63	2,432.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,464.99*	
26 11 13 00-0008		Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*		
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,001.14	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.64*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	349.60	119.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.12*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	508.26	119.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.14*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	402.87	119.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.12*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	1,507.44	403.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*243.94*	
26 11 13 00-0014		"Switchyard", Substation Transformer Section *(26 11 13)*		
		Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015		14.4 KV Nominal Primary *(26 11 13 00-0014)*		
26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	19,984.30	1,560.30
		For 50 Hz Operation, Add	*2,017.22*	
		For Forced Air Cooling, Add	*2,017.22*	
		For External Control Panel, Add	*504.30*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*168.10*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*840.51*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,101.27*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*2,521.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	22,945.64	1,954.97
		For 50 Hz Operation, Add	*2,277.35*	
		For Forced Air Cooling, Add	*2,277.35*	
		For External Control Panel, Add	*569.34*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*189.78*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*948.90*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,372.24*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*2,846.69*	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	35,173.55	2,753.48
		For 50 Hz Operation, Add	*3,543.67*	
		For Forced Air Cooling, Add	*3,543.67*	
		For External Control Panel, Add	*885.92*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*295.31*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,476.53*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,691.33*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,429.59*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	50,666.46	3,301.63
		For 50 Hz Operation, Add	*5,225.43*	
		For Forced Air Cooling, Add	*5,225.43*	
		For External Control Panel, Add	*1,306.36*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*435.45*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,177.26*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,443.16*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,531.79*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	62,457.21	4,272.71
		For 50 Hz Operation, Add	*6,426.69*	
		For Forced Air Cooling, Add	*6,426.69*	
		For External Control Panel, Add	*1,606.67*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*535.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,677.79*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,694.47*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,033.36*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	22,459.28	2,111.00
		For 50 Hz Operation, Add	*2,218.99*	
		For External Control Panel, Add	*554.75*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*184.92*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*924.58*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,311.45*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*2,773.74*	
		For Forced Air Cooling, Add	*1,479.33*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	25,715.85	2,111.00
		For 50 Hz Operation, Add	*2,510.96*	
		For External Control Panel, Add	*627.74*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*209.25*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,046.23*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,615.59*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,138.70*	
		For Forced Air Cooling, Add	*1,673.97*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	40,884.14	3,120.61
		For 50 Hz Operation, Add	*4,144.30*	
		For External Control Panel, Add	*1,036.08*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*345.36*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,726.79*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,316.98*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,180.38*	
		For Forced Air Cooling, Add	*2,762.87*	
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	54,949.39	4,272.71
		For 50 Hz Operation, Add	*5,525.75*	
		For External Control Panel, Add	*1,381.44*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*460.48*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,302.40*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,755.99*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,907.19*	
		For Forced Air Cooling, Add	*3,683.83*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	67,462.43	4,272.71
		For 50 Hz Operation, Add	*7,027.32*	
		For External Control Panel, Add	*1,756.83*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*585.61*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,928.05*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,320.12*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,784.15*	
		For Forced Air Cooling, Add	*4,684.88*	

26 11 13 00-0027 34.5 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	28,148.94	2,524.02
		For 50 Hz Operation, Add	*2,802.93*	
		For External Control Panel, Add	*700.73*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*233.58*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,167.89*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,919.72*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,503.67*	
		For Forced Air Cooling, Add	*1,868.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	33,995.14	3,946.66
		For 50 Hz Operation, Add	*3,386.88*	
		For External Control Panel, Add	*846.72*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*282.24*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,411.20*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,528.00*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,233.59*	
		For Forced Air Cooling, Add	*2,257.92*	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,976.17	3,946.66
		For 50 Hz Operation, Add	*4,684.89*	
		For External Control Panel, Add	*1,171.22*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*390.41*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,952.04*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,880.10*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,856.12*	
		For Forced Air Cooling, Add	*3,123.26*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	59,954.57	4,175.59
		For 50 Hz Operation, Add	*6,126.37*	
		For External Control Panel, Add	*1,531.59*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*510.53*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,552.66*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,381.64*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,657.97*	
		For Forced Air Cooling, Add	*4,084.25*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	102,488.77	5,340.88
		For 50 Hz Operation, Add	*10,931.39*	
		For External Control Panel, Add	*2,732.85*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*910.95*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,554.74*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,386.86*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,664.23*	
		For Forced Air Cooling, Add	*7,287.59*	

26 11 13 00-0033 46 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	42,721.75	2,937.04
		For 50 Hz Operation, Add	*4,434.07*	
		For External Control Panel, Add	*1,108.52*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*369.51*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,847.53*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,618.82*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,542.59*	
		For Forced Air Cooling, Add	*2,956.05*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	48,239.73	2,937.04
		For 50 Hz Operation, Add	*5,026.97*	
		For External Control Panel, Add	*1,256.74*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*418.91*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,094.57*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,236.43*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,283.71*	
		For Forced Air Cooling, Add	*3,351.31*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	66,581.62	3,946.66
		For 50 Hz Operation, Add	*7,037.55*	
		For External Control Panel, Add	*1,759.39*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*586.46*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,932.31*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,330.78*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,796.94*	
		For Forced Air Cooling, Add	*4,691.70*	
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	81,864.21	5,340.88
		For 50 Hz Operation, Add	*8,456.44*	
		For External Control Panel, Add	*2,114.11*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*704.70*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,523.52*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,808.79*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,570.55*	
		For Forced Air Cooling, Add	*5,637.63*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	115,032.82	5,340.88
		For 50 Hz Operation, Add	*12,436.67*	
		For External Control Panel, Add	*3,109.17*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,036.39*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,181.95*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,954.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*15,545.84*	
		For Forced Air Cooling, Add	*8,291.12*	

26 11 13 00-0039 69 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	60,944.80	3,120.61
		For 50 Hz Operation, Add	*6,551.58*	
		For External Control Panel, Add	*1,637.90*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*545.97*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,729.83*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,824.56*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,189.48*	
		For Forced Air Cooling, Add	*4,367.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	70,178.98	3,946.66
		For 50 Hz Operation, Add	*7,469.23*	
		For External Control Panel, Add	*1,867.31*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*622.44*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,112.18*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,780.45*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,336.54*	
		For Forced Air Cooling, Add	*4,979.49*	
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	95,608.68	3,946.66
		For 50 Hz Operation, Add	*10,520.80*	
		For External Control Panel, Add	*2,630.20*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*876.73*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,383.67*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,959.16*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,151.00*	
		For Forced Air Cooling, Add	*7,013.86*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	102,124.82	5,340.88
		For 50 Hz Operation, Add	*10,887.71*	
		For External Control Panel, Add	*2,721.93*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*907.31*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,536.55*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,341.37*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,609.64*	
		For Forced Air Cooling, Add	*7,258.48*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	132,753.74	5,340.88
		For 50 Hz Operation, Add	*14,563.18*	
		For External Control Panel, Add	*3,640.80*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,213.60*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,067.99*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,169.98*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,203.98*	
		For Forced Air Cooling, Add	*9,708.79*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1,200 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	35,911.90	755.53
26 11 13 00-0047	EA	1,200 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	39,384.73	755.53
26 11 13 00-0048	EA	1,200 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	44,887.61	938.50
26 11 13 00-0049	EA	2,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	42,125.03	1,128.50
26 11 13 00-0050	EA	2,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	47,371.47	1,128.50
26 11 13 00-0051	EA	2,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	54,057.99	1,311.06
26 11 13 00-0052	EA	3,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	55,816.11	1,497.89
26 11 13 00-0053	EA	3,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	62,348.21	1,497.89
26 11 13 00-0054	EA	3,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	65,416.90	1,682.15

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 00-0001 Substation Primary Incoming Section *(26 11 16)*

26 11 16 00-0002 Manual Transferring Fused Load Break Switches *(26 11 16 00-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 00-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position	21,291.32	1,109.48
26 11 16 00-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position	24,480.34	1,109.48

26 11 16 00-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 00-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

26 11 16 00-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch	30,023.07	1,109.48
26 11 16 00-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch	32,098.51	1,109.48

26 11 16 00-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 00-0001)*

26 11 16 00-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	5,127.58	
26 11 16 00-0010	EA	Key Interlock Accessories, Secondary Distribution Section	499.10	

26 11 16 00-0011 Oil Filled Substation Transformers *(26 11 16)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

26 11 16 00-0012 Substation, Primary 13.8 KV Secondary 480Y/277 V Or 480 V 60 HZ *(26 11 16 00-0011)*

26 11 16 00-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	9,762.51	642.48
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*593.43*	
		For Control Power Transformer On Fans And Auxiliary, Add	*254.33*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*84.78*	
26 11 16 00-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	14,039.11	688.37
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*886.37*	
		For Control Power Transformer On Fans And Auxiliary, Add	*379.87*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*126.62*	
26 11 16 00-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	15,819.83	734.27
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,004.59*	
		For Control Power Transformer On Fans And Auxiliary, Add	*430.54*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*143.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	18,471.71	780.16
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,183.80*	
		For Control Power Transformer On Fans And Auxiliary, Add	*507.34*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*169.11*	
26 11 16 00-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	20,341.91	826.05
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,308.29*	
		For Control Power Transformer On Fans And Auxiliary, Add	*560.69*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*186.90*	
26 11 16 00-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	21,473.26	871.93
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,381.06*	
		For Control Power Transformer On Fans And Auxiliary, Add	*591.88*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*197.29*	
26 11 16 00-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	24,846.72	1,973.33
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,610.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*690.33*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*230.11*	
26 11 16 00-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	26,531.24	1,032.56
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,712.63*	
		For Control Power Transformer On Fans And Auxiliary, Add	*733.98*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*244.66*	
26 11 16 00-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	29,588.47	1,101.39
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,917.00*	
		For Control Power Transformer On Fans And Auxiliary, Add	*821.57*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*273.86*	
26 11 16 00-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	34,196.87	1,193.17
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,226.74*	
		For Control Power Transformer On Fans And Auxiliary, Add	*954.32*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*318.11*	
26 11 16 00-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	37,526.01	1,284.95
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,446.93*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,048.68*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*349.56*	

26 11 16 00-0024 Substation, Primary 13.8 KV Secondary 208Y/120 V 60 HZ *(26 11 16 00-0011)*

26 11 16 00-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	9,339.58	642.48
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*563.82*	
		For Control Power Transformer On Fans And Auxiliary, Add	*241.64*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*80.55*	
26 11 16 00-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	13,901.96	688.37
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*876.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*375.76*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*125.25*	
26 11 16 00-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	15,810.47	734.27
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,003.94*	
		For Control Power Transformer On Fans And Auxiliary, Add	*430.26*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*143.42*	
26 11 16 00-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	18,487.81	780.16
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,184.93*	
		For Control Power Transformer On Fans And Auxiliary, Add	*507.83*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*169.28*	
26 11 16 00-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	21,985.33	826.05
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,423.33*	
		For Control Power Transformer On Fans And Auxiliary, Add	*610.00*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*203.33*	
26 11 16 00-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	23,519.62	871.93
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,524.30*	
		For Control Power Transformer On Fans And Auxiliary, Add	*653.27*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*217.76*	
26 11 16 00-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	25,791.65	917.82
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,676.92*	
		For Control Power Transformer On Fans And Auxiliary, Add	*718.68*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*239.56*	
26 11 16 00-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	28,158.97	1,032.56
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,826.57*	
		For Control Power Transformer On Fans And Auxiliary, Add	*782.82*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*260.94*	
26 11 16 00-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	31,693.37	1,101.39
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,064.34*	
		For Control Power Transformer On Fans And Auxiliary, Add	*884.72*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*294.91*	

26 11 16 00-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 00-0011)*

26 11 16 00-0035	EA	Sudden Pressure Relay	2,569.52	
26 11 16 00-0036	EA	Throats Or Flanges (HV Or LV)	5,101.36	
26 11 16 00-0037	EA	Lightning Arrestors (3 - 1 Pole)	3,359.05	
26 11 16 00-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	18,641.04	
26 11 16 00-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amp, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	17,440.55	

26 11 16 00-0040 Reinforced Concrete Curb With 6" Slab *(26 11 16 00-0011)*

Note: For transformer liquid containment area.

26 11 16 00-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,337.29	1,013.22
26 11 16 00-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,881.07	1,168.26
26 11 16 00-0049		Dry Type Substation Transformer *(26 11 16)*		
		Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 00-0050		Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 V *(26 11 16 00-0049)*		
		Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 00-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,771.21	734.27
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,513.44*	
26 11 16 00-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,862.99	780.16
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,522.62*	
26 11 16 00-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	17,337.67	917.82
		For Gas Filled Transformers, Add	*9,301.21*	
		For Single Phase Transformers, Deduct	*-387.55*	
		For Dry Type Unit, Add	*3,594.01*	
26 11 16 00-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	19,133.12	1,009.61
		For Gas Filled Transformers, Add	*10,268.34*	
		For Single Phase Transformers, Deduct	*-427.85*	
		For Dry Type Unit, Add	*3,966.98*	
26 11 16 00-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,302.04	1,193.17
		For Gas Filled Transformers, Add	*11,349.41*	
		For Single Phase Transformers, Deduct	*-472.89*	
		For Dry Type Unit, Add	*4,400.09*	
26 11 16 00-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,674.78	1,376.74
		For Gas Filled Transformers, Add	*13,152.78*	
		For Single Phase Transformers, Deduct	*-548.03*	
		For Dry Type Unit, Add	*5,098.03*	
26 11 16 00-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	28,697.23	1,652.09
		For Gas Filled Transformers, Add	*15,235.83*	
		For Single Phase Transformers, Deduct	*-634.83*	
		For Dry Type Unit, Add	*5,916.89*	
26 11 16 00-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,813.68	1,835.65
		For Gas Filled Transformers, Add	*18,085.42*	
		For Single Phase Transformers, Deduct	*-753.56*	
		For Dry Type Unit, Add	*6,998.45*	
26 11 16 00-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	43,406.44	1,927.44
		For Gas Filled Transformers, Add	*23,730.94*	
		For Single Phase Transformers, Deduct	*-988.79*	
		For Dry Type Unit, Add	*9,086.83*	
26 11 16 00-0060		Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 V *(26 11 16 00-0049)*		
		Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 00-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,228.16	734.27
		For Gas Filled Transformers, Add	*8,855.78*	
		For Single Phase Transformers, Deduct	*-368.99*	
		For Dry Type Unit, Add	*3,393.97*	
26 11 16 00-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,862.99	780.16
		For Gas Filled Transformers, Add	*9,181.61*	
		For Single Phase Transformers, Deduct	*-382.57*	
		For Dry Type Unit, Add	*3,522.62*	
26 11 16 00-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	17,337.67	917.82
		For Gas Filled Transformers, Add	*9,301.21*	
		For Single Phase Transformers, Deduct	*-387.55*	
		For Dry Type Unit, Add	*3,594.01*	
26 11 16 00-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	19,133.12	1,009.61
		For Gas Filled Transformers, Add	*10,268.34*	
		For Single Phase Transformers, Deduct	*-427.85*	
		For Dry Type Unit, Add	*3,966.98*	
26 11 16 00-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,302.04	1,193.17
		For Gas Filled Transformers, Add	*11,349.41*	
		For Single Phase Transformers, Deduct	*-472.89*	
		For Dry Type Unit, Add	*4,400.09*	
26 11 16 00-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,674.78	1,376.74
		For Gas Filled Transformers, Add	*13,152.78*	
		For Single Phase Transformers, Deduct	*-548.03*	
		For Dry Type Unit, Add	*5,098.03*	
26 11 16 00-0067	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	28,697.23	1,652.09
		For Gas Filled Transformers, Add	*15,235.83*	
		For Single Phase Transformers, Deduct	*-634.83*	
		For Dry Type Unit, Add	*5,916.89*	
26 11 16 00-0068	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,813.68	1,835.65
		For Gas Filled Transformers, Add	*18,085.42*	
		For Single Phase Transformers, Deduct	*-753.56*	
		For Dry Type Unit, Add	*6,998.45*	
26 11 16 00-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	43,406.44	1,927.44
		For Gas Filled Transformers, Add	*23,730.94*	
		For Single Phase Transformers, Deduct	*-988.79*	
		For Dry Type Unit, Add	*9,086.83*	
26 11 16 00-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	47,554.58	2,019.22
		For Gas Filled Transformers, Add	*26,109.68*	
		For Single Phase Transformers, Deduct	*-1,087.90*	
		For Dry Type Unit, Add	*9,977.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	52,944.19	2,111.00
		For Gas Filled Transformers, Add	*29,233.31*	
		For Single Phase Transformers, Deduct	*-1,218.05*	
		For Dry Type Unit, Add	*11,141.08*	
26 11 16 00-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	60,812.06	2,202.79
		For Gas Filled Transformers, Add	*33,843.90*	
		For Single Phase Transformers, Deduct	*-1,410.16*	
		For Dry Type Unit, Add	*12,849.99*	

26 11 16 00-0073 Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 V Or 240 V *(26 11 16 00-0049)*

26 11 16 00-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	18,078.55	826.05
		For Gas Filled Transformers, Add	*9,855.88*	
		For Single Phase Transformers, Deduct	*-410.66*	
		For Dry Type Unit, Add	*3,779.03*	
26 11 16 00-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	18,710.24	871.93
		For Gas Filled Transformers, Add	*10,179.82*	
		For Single Phase Transformers, Deduct	*-424.16*	
		For Dry Type Unit, Add	*3,906.99*	
26 11 16 00-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	20,092.09	1,009.61
		For Gas Filled Transformers, Add	*10,843.72*	
		For Single Phase Transformers, Deduct	*-451.82*	
		For Dry Type Unit, Add	*4,177.95*	
26 11 16 00-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	21,248.75	1,101.39
		For Gas Filled Transformers, Add	*11,427.58*	
		For Single Phase Transformers, Deduct	*-476.15*	
		For Dry Type Unit, Add	*4,410.39*	
26 11 16 00-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	24,258.92	1,284.95
		For Gas Filled Transformers, Add	*13,013.41*	
		For Single Phase Transformers, Deduct	*-542.23*	
		For Dry Type Unit, Add	*5,028.57*	
26 11 16 00-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	26,928.52	1,468.52
		For Gas Filled Transformers, Add	*14,394.89*	
		For Single Phase Transformers, Deduct	*-599.79*	
		For Dry Type Unit, Add	*5,571.83*	
26 11 16 00-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	31,473.61	1,743.87
		For Gas Filled Transformers, Add	*16,791.52*	
		For Single Phase Transformers, Deduct	*-699.65*	
		For Dry Type Unit, Add	*6,505.67*	
26 11 16 00-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	37,953.97	1,927.44
		For Gas Filled Transformers, Add	*20,459.46*	
		For Single Phase Transformers, Deduct	*-852.48*	
		For Dry Type Unit, Add	*7,887.29*	
26 11 16 00-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	45,564.45	2,019.22
		For Gas Filled Transformers, Add	*24,915.61*	
		For Single Phase Transformers, Deduct	*-1,038.15*	
		For Dry Type Unit, Add	*9,539.57*	

26 11 16 00-0083 Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 V Or 480 V *(26 11 16 00-0049)*

26 11 16 00-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	18,078.55	826.05
		For Gas Filled Transformers, Add	*9,855.88*	
		For Single Phase Transformers, Deduct	*-410.66*	
		For Dry Type Unit, Add	*3,779.03*	
26 11 16 00-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	18,710.24	871.93
		For Gas Filled Transformers, Add	*10,179.82*	
		For Single Phase Transformers, Deduct	*-424.16*	
		For Dry Type Unit, Add	*3,906.99*	
26 11 16 00-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	20,092.09	1,009.61
		For Gas Filled Transformers, Add	*10,843.72*	
		For Single Phase Transformers, Deduct	*-451.82*	
		For Dry Type Unit, Add	*4,177.95*	
26 11 16 00-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	21,248.75	1,101.39
		For Gas Filled Transformers, Add	*11,427.58*	
		For Single Phase Transformers, Deduct	*-476.15*	
		For Dry Type Unit, Add	*4,410.39*	
26 11 16 00-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	24,258.92	1,284.95
		For Gas Filled Transformers, Add	*13,013.41*	
		For Single Phase Transformers, Deduct	*-542.23*	
		For Dry Type Unit, Add	*5,028.57*	
26 11 16 00-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	23,789.50	1,468.52
		For Gas Filled Transformers, Add	*12,511.48*	
		For Single Phase Transformers, Deduct	*-521.31*	
		For Dry Type Unit, Add	*4,881.25*	
26 11 16 00-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	25,024.86	1,743.87
		For Gas Filled Transformers, Add	*12,922.27*	
		For Single Phase Transformers, Deduct	*-538.43*	
		For Dry Type Unit, Add	*5,086.94*	
26 11 16 00-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	30,565.55	1,927.44
		For Gas Filled Transformers, Add	*16,026.41*	
		For Single Phase Transformers, Deduct	*-667.77*	
		For Dry Type Unit, Add	*6,261.84*	
26 11 16 00-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	35,988.07	2,019.22
		For Gas Filled Transformers, Add	*19,169.78*	
		For Single Phase Transformers, Deduct	*-798.74*	
		For Dry Type Unit, Add	*7,432.76*	
26 11 16 00-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	40,088.13	2,111.00
		For Gas Filled Transformers, Add	*21,519.68*	
		For Single Phase Transformers, Deduct	*-896.65*	
		For Dry Type Unit, Add	*8,312.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	46,796.77	2,202.79
		For Gas Filled Transformers, Add	*25,434.73*	
		For Single Phase Transformers, Deduct	*-1,059.78*	
		For Dry Type Unit, Add	*9,766.62*	
26 11 16 00-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	56,993.21	2,294.57
		For Gas Filled Transformers, Add	*31,442.45*	
		For Single Phase Transformers, Deduct	*-1,310.10*	
		For Dry Type Unit, Add	*11,987.81*	

26 11 16 00-0096 Substation Secondary Distribution Section *(26 11 16)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

26 11 16 00-0097 Switchgear Compartment Complete With Air Circuit Breaker *(26 11 16 00-0096)*

Note: With solid state long - time and instantaneous trips.

26 11 16 00-0098	EA	800 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	9,124.65	791.75
26 11 16 00-0099	EA	1,600 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	14,571.47	1,197.04
26 11 16 00-0100	EA	2,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	19,742.01	1,470.38
26 11 16 00-0101	EA	3,200 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	32,407.32	1,706.02
26 11 16 00-0102	EA	4,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	41,544.49	1,941.66

26 11 16 00-0103 Switchgear Compartment Without Circuit Breaker *(26 11 16 00-0096)*

26 11 16 00-0104	EA	800 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,046.13	240.36
26 11 16 00-0105	EA	1,600 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,675.12	240.36
26 11 16 00-0106	EA	2,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,115.20	353.45
26 11 16 00-0107	EA	3,200 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,677.08	353.45
26 11 16 00-0108	EA	4,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,424.69	518.40

26 11 16 00-0109 Switchgear Compartment, Blank, Use As Filler Or Metering *(26 11 16 00-0096)*

Note: No provisions for future breaker.

26 11 16 00-0110	EA	600 Thru 2,000 Amp, Blank Section Filler, Secondary Distribution Section	2,290.26	268.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*153.60*	
26 11 16 00-0111	EA	3,000 Amp, Blank Section Filler, Secondary Distribution Section	2,851.72	268.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.32*	
26 11 16 00-0112	EA	4,000 Amp, Blank Section Filler, Secondary Distribution Section	3,750.33	414.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.20*	

26 11 16 00-0113 Accessories For Substation Secondary Distribution *(26 11 16 00-0096)*

26 11 16 00-0114	EA	Short Time Delay Accessories, Secondary Distribution Section	1,203.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0115	EA	Key Interlock Accessories, Secondary Distribution Section	954.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0116	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	2,851.94	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0117	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	2,851.94	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0118	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	3,746.58	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0119	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	4,829.55	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0120	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	2,148.24	93.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.37*	
26 11 16 00-0121	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	7,608.22	1,391.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*835.04*	
26 11 16 00-0122	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	1,335.77	82.44
26 11 16 00-0123	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	1,554.98	82.44
26 11 16 00-0124	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	827.97	41.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 11 16 00-0125	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	6,045.94	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 11 16 00-0126	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	790.30	41.23

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0003	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,450.03	375.72
26 12 13 00-0004	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,768.98	469.64
26 12 13 00-0005	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,082.90	563.57
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,659.39	704.47
26 12 13 00-0007	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,170.00	845.36
26 12 13 00-0008	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,107.98	986.25
26 12 13 00-0009	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,877.73	1,174.11

26 12 13 00-0010 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0011	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,450.03	375.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0012	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,788.17	469.64
26 12 13 00-0013	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,082.90	563.57
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,659.39	704.47
26 12 13 00-0015	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,170.00	845.36
26 12 13 00-0016	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,910.80	986.25
26 12 13 00-0017	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,777.60	1,174.11
26 12 13 00-0018		Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*		
26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,427.65	375.72
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,708.23	469.64
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,022.82	563.57
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,645.53	704.47
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,111.46	845.36
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,947.77	986.25
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,786.84	1,174.11
26 12 13 00-0026		Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*		
26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,531.57	375.72
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,815.34	469.64
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,303.43	563.57
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,895.32	704.47
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,391.48	845.36
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,361.90	986.25
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,455.39	1,174.11
26 12 13 00-0034		Transformer Platforms *(26 12 13 00-0001)*		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA	3,124.94	634.49
26 12 13 00-0036		Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0001)*		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,377.76	751.43
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,653.20	845.36
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,055.76	939.29
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,115.30	1,315.01
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,705.42	1,502.87
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	6,149.31	1,878.58
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,247.62	2,066.44
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,442.64	2,630.02
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,293.51	3,005.73
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	13,749.01	3,757.17
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	17,487.83	4,696.45
26 12 13 00-0048		Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0001)*		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,450.03	460.06
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,768.98	575.04
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,082.51	689.34
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,660.30	863.87
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,169.14	1,034.81
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,106.79	1,205.20
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,877.73	1,437.68
26 12 13 00-0056		Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0001)*		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,450.03	460.06
26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,788.17	575.04
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,082.51	689.34
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,660.30	863.87
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,169.14	1,034.81
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,909.61	1,205.20
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,777.60	1,437.68
26 12 13 00-0064		Primary 7.2 To 14.4 KV Ground Y *(26 12 13 00-0001)*		
26 12 13 00-0065		Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,281.89	375.72
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,562.76	469.64
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,837.98	563.57
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,355.60	704.47
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,889.23	845.36
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,003.20	986.25
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,673.51	1,174.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0073		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,231.02	375.72
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,498.81	469.64
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,808.91	563.57
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,297.47	704.47
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,809.30	845.36
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,712.54	986.25
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,382.85	1,174.11
26 12 13 00-0081		3 Phase Oil Filled Distribution Transformers *(26 12 13)*		
26 12 13 00-0082		Primary 4.16/4.8 KV Ground Y Secondary 120/240 V *(26 12 13 00-0081)* Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	6,693.80	2,066.44
26 12 13 00-0084	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	8,551.42	2,630.02
26 12 13 00-0085	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	10,050.50	2,817.88
26 12 13 00-0086	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	12,836.18	3,522.34
26 12 13 00-0087	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	18,179.53	4,696.45
26 12 13 00-0088	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	24,430.83	5,400.92
26 12 13 00-0089		Removal And Relocation Of Transformers *(26 12 13)*		
26 12 13 00-0090	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	934.53	
26 12 13 00-0091	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	1,719.79	
26 12 16		**Dry-Type, Medium-Voltage Transformers** ***(26 12)***		
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	380.90	
26 12 16 00-0003	EA	Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	1,692.88	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** ***(26 12)***		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	2,646.42	458.92
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	2,968.92	458.92
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,535.42	628.71
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,272.57	628.71
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,826.35	826.05
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,227.94	826.05
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	433.22	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	455.20	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	500.72	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,182.20	458.92
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,653.07	458.92
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,998.47	628.71
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,873.74	628.71
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,451.08	826.05
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,598.38	826.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	10,132.83	1,147.28
26 12 19 00-0023		**Factory Modifications Material Cost Only** *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	577.63	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	146.36	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	455.20	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	740.87	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	197.78	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	171.09	
26 12 19 00-0030		**Primary, 12.47 KV Ground Y Or Delta** *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,395.09	458.92
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,723.80	458.92
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,970.62	628.71
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,703.24	628.71
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,804.43	826.05
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,221.01	826.13
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	9,138.90	1,147.28
26 12 19 00-0038		**Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		**13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,323.86	316.99
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,953.71	445.77
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,459.45	713.23
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,565.87	713.23
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,300.44	1,168.91
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,477.14	1,168.91
26 12 19 00-0046		**Oil Filled Distribution Transformer Single Phase** *(26 12 19 00-0001)*		
26 12 19 00-0047		**7.2 KV Primary, 120/240 V Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,267.18	336.80
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,481.86	336.80
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,896.11	475.49
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,787.97	475.49
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,369.83	643.90
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,421.11	990.60
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,187.08	990.60
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,302.15	1,238.26
26 12 19 00-0056		**7.2 KV Primary, 240/480 V Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,267.18	336.80
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,481.91	336.80
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,896.11	475.49
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,787.97	475.49
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,369.83	643.90
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,576.11	871.73
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,421.11	871.73
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,187.08	1,099.57
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,302.15	1,238.26
26 12 19 00-0066		**2.4 KV Primary, 277 V Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,445.05	336.80
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,675.70	336.80
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,125.94	475.49
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,081.56	475.49
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,705.95	643.90
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,969.33	871.73
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,042.70	871.73
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	11,059.54	1,099.57
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,484.88	1,238.26
26 12 19 00-0076		**2.4 KV Primary, 120/240 V Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,267.18	336.80
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,481.86	336.80
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,896.11	646.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,787.97	871.73
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,369.83	643.90
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,438.76	871.73
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,419.94	871.73

26 12 19 00-0084 2.4 KV Primary, 240/480 V Secondary *(26 12 19 00-0046)*

26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,267.18	336.80
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,481.86	336.80
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,896.11	475.49
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,787.97	475.49
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,369.83	643.90
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,438.76	871.73
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,419.94	871.73

26 12 19 00-0092 2.4 KV x 7.2 KV Primary, 120/240 V Secondary *(26 12 19 00-0046)*

26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	1,990.57	346.72
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,169.37	386.34
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,594.68	425.96
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,362.13	594.36
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,780.58	693.42
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,054.63	812.30
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,021.79	931.17
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,104.89	1,188.73
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,209.50	1,337.32

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section *(26 13 16)*

Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0003	EA	1,200 Amp, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	8,293.00	1,030.22
		For Weatherproofing, Add	*1,680.00*	
26 13 16 00-0004	EA	1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	8,673.72	1,030.22
		For Weatherproofing, Add	*1,763.76*	
26 13 16 00-0005	EA	1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	11,717.86	1,312.56
		For Weatherproofing, Add	*2,404.14*	
26 13 16 00-0006	EA	2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	15,793.00	1,312.56
		For Weatherproofing, Add	*3,278.58*	
26 13 16 00-0007	EA	2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	22,386.81	1,584.96
		For Weatherproofing, Add	*4,702.85*	
26 13 16 00-0008	EA	3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,561.00	1,584.96
		For Weatherproofing, Add	*4,289.94*	

26 13 16 00-0009 7.2 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0010	EA	1,200 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	12,135.23	1,188.73
		For Weatherproofing, Add	*2,510.34*	
26 13 16 00-0011	EA	2,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,955.08	1,485.91
		For Weatherproofing, Add	*3,081.88*	
26 13 16 00-0012	EA	3,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,816.49	1,783.09
		For Weatherproofing, Add	*4,336.32*	

26 13 16 00-0013 13.8 KV Switchgear Sections *(26 13 16 00-0001)*

Note: Includes air circuit breaker.

26 13 16 00-0014	EA	1,200 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	11,783.36	1,188.73
		For Weatherproofing, Add	*2,419.85*	
26 13 16 00-0015	EA	1,200 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,066.54	1,188.73
		For Weatherproofing, Add	*3,333.65*	
26 13 16 00-0016	EA	1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	23,213.31	1,584.96
		For Weatherproofing, Add	*4,873.45*	
26 13 16 00-0017	EA	2,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,837.05	1,584.96
		For Weatherproofing, Add	*3,044.02*	
26 13 16 00-0018	EA	2,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	21,241.63	1,981.20
		For Weatherproofing, Add	*4,424.62*	
26 13 16 00-0019	EA	2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,429.32	1,981.20
		For Weatherproofing, Add	*6,195.97*	
26 13 16 00-0020	EA	3,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,526.21	1,981.20
		For Weatherproofing, Add	*4,258.94*	
26 13 16 00-0021	EA	3,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	28,160.17	1,981.20
		For Weatherproofing, Add	*5,909.88*	
26 13 16 00-0022	EA	3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	36,255.45	1,981.20
		For Weatherproofing, Add	*7,663.85*	

26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0024		EA	1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	3,834.67	648.85
			For Weatherproofing, Add	*752.63*	
26 13 16 00-0025		EA	1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,866.81	648.85
			For Weatherproofing, Add	*979.70*	
26 13 16 00-0026		EA	2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,371.92	861.82
			For Weatherproofing, Add	*1,061.44*	
26 13 16 00-0027		EA	2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,656.51	1,064.90
			For Weatherproofing, Add	*1,315.31*	
26 13 16 00-0028		EA	3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,745.48	1,064.90
			For Weatherproofing, Add	*1,774.88*	

26 13 16 00-0029 7.2 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

26 13 16 00-0030		EA	1,200 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,801.95	990.60
			For Weatherproofing, Add	*952.78*	
26 13 16 00-0031		EA	2,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,270.99	990.60
			For Weatherproofing, Add	*1,246.78*	
26 13 16 00-0032		EA	3,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,389.43	990.60
			For Weatherproofing, Add	*1,904.04*	

26 13 16 00-0033 13.8 KV Switchgear Section *(26 13 16 00-0001)*

Note: Excludes air circuit breaker element.

26 13 16 00-0034		EA	1,200 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,997.37	842.01
			For Weatherproofing, Add	*982.09*	
26 13 16 00-0035		EA	1,200 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,296.08	842.01
			For Weatherproofing, Add	*1,047.81*	
26 13 16 00-0036		EA	1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,494.01	1,040.14
			For Weatherproofing, Add	*1,502.39*	
26 13 16 00-0037		EA	2,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,874.81	1,248.16
			For Weatherproofing, Add	*1,337.35*	
26 13 16 00-0038		EA	2,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,282.47	1,248.16
			For Weatherproofing, Add	*1,647.04*	
26 13 16 00-0039		EA	2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,537.29	1,456.19
			For Weatherproofing, Add	*1,893.65*	
26 13 16 00-0040		EA	3,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,116.32	1,664.21
			For Weatherproofing, Add	*1,772.11*	
26 13 16 00-0041		EA	3,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,080.89	1,664.21
			For Weatherproofing, Add	*1,984.32*	
26 13 16 00-0042		EA	3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,311.32	1,862.34
			For Weatherproofing, Add	*2,445.83*	

26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

26 13 16 00-0044		EA	1,200 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	2,566.16	627.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*376.66*	
26 13 16 00-0045		EA	2,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	3,153.92	696.59
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*417.98*	
26 13 16 00-0046		EA	3,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	4,073.08	838.05
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*502.85*	
26 13 16 00-0047		EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	3,023.91	1,260.35
26 13 16 00-0048		EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	2,767.56	82.44
26 13 16 00-0049		EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	3,679.29	82.44
26 13 16 00-0050		EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,694.73	82.44
26 13 16 00-0051		EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	5,272.34	82.44
26 13 16 00-0052		EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	5,750.94	82.44
26 13 16 00-0053		EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	7,809.60	82.44
26 13 16 00-0054		EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,281.94	82.44
26 13 16 00-0055		EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,442.19	82.44
26 13 16 00-0056		EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,163.78	82.44
26 13 16 00-0057		EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	1,403.64	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0058		EA	AC Ammeter With Switch	580.70	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0059		EA	AC Voltmeter With Switch And Potential Transformer	580.70	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0060		EA	Indicating Wattmeter	833.65	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0061		EA	Indicating Varmeter	973.98	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0062		EA	Indicating Watt-hour Meter, 2 Element	630.94	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0063		EA	Ground Protection, Time Or Instantaneous Device 67N	1,412.31	82.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 13 16 00-0064		EA	Differential Generator Protection Single Phase NEMA Device 87	2,619.43	82.44
26 13 16 00-0065		EA	Current Transformers 5 And 15 KV Single Secondary	410.48	82.44
26 13 16 00-0066		EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	1,765.31	82.44

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

26 13 19 00-0002		EA	1,200 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	28,446.26	1,238.26
26 13 19 00-0003		EA	1,200 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	31,461.68	1,565.15
26 13 19 00-0004		EA	1,200 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	35,741.29	1,565.15
26 13 19 00-0005		EA	2,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	32,504.34	1,238.26

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 19 00-0006	EA	2,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	36,467.53	1,238.26
26 13 19 00-0007	EA	2,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	41,582.93	1,456.19
26 13 19 00-0008	EA	3,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	43,006.20	1,664.21
26 13 19 00-0009	EA	3,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	46,989.51	1,664.21
26 13 19 00-0010	EA	3,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	51,375.43	1,872.25

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

26 18 16 Medium-Voltage Fuses *(26 18)*

26 18 16 00-0001 Sectionalizing Switch *(26 18 16)*

26 18 16 00-0002 Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 16 00-0001)*
Note: 15 KV - 25 KV.

26 18 16 00-0003 Sectionalizing Tapping And Fusing Underground Feeders *(26 18 16 00-0002)*
Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.

26 18 16 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	18,936.18	688.37
26 18 16 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	21,255.20	688.37

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001 Service Drop Cable And Weatherheads *(26 21 13)*

26 21 13 00-0002 600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*

26 21 13 00-0003 Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0004	LF	#6 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	6.08	2.36
26 21 13 00-0005	LF	#4 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	7.25	2.79
26 21 13 00-0006	LF	#2 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	8.34	3.15
26 21 13 00-0007	LF	#1/0 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	10.80	3.96

26 21 13 00-0008 Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0009	LF	#6 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	7.29	2.79
26 21 13 00-0010	LF	#4 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	8.29	3.15
26 21 13 00-0011	LF	#2 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	10.49	3.96
26 21 13 00-0012	LF	#1/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	12.95	4.83
26 21 13 00-0013	LF	#2/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	17.02	6.39
26 21 13 00-0014	LF	#4/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	21.39	7.92
26 21 13 00-0015	LF	336 MCM Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	26.96	9.44

26 21 13 00-0016 Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*

26 21 13 00-0017	LF	#6 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	8.30	3.15
26 21 13 00-0018	LF	#4 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	10.48	3.96
26 21 13 00-0019	LF	#2 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	13.48	5.08
26 21 13 00-0020	LF	#1/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	17.27	6.39
26 21 13 00-0021	LF	#2/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	19.17	7.07
26 21 13 00-0022	LF	#3/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	21.81	7.92
26 21 13 00-0023	LF	#4/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	25.82	9.44
26 21 13 00-0024	LF	336 MCM Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	30.33	10.43

26 21 13 00-0025 Aluminum Triplex For Underground Service, Direct Burial *(26 21 13 00-0002)*
Note: Excludes excavation and backfill.

26 21 13 00-0026	MLF	#6 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	2,581.58	880.54
26 21 13 00-0027	MLF	#4 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	2,836.22	932.36
26 21 13 00-0028	MLF	#2 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,177.33	990.60
26 21 13 00-0029	MLF	#1/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,477.64	990.60
26 21 13 00-0030	MLF	#2/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,798.76	1,056.67
26 21 13 00-0031	MLF	#3/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	4,456.36	1,219.23
26 21 13 00-0032	MLF	#4/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	5,604.70	1,584.96

26 21 13 00-0033 Weather Proof Conduit Hubs *(26 21 13 00-0002)*

26 21 13 00-0034	EA	1/2" Weatherproof Conduit Hubs	41.38	15.87
26 21 13 00-0035	EA	3/4" Weatherproof Conduit Hubs	47.17	18.04
26 21 13 00-0036	EA	1" Weatherproof Conduit Hubs	54.41	20.20
26 21 13 00-0037	EA	1-1/4" Weatherproof Conduit Hubs	75.34	27.06
26 21 13 00-0038	EA	1-1/2" Weatherproof Conduit Hubs	82.57	29.22
26 21 13 00-0039	EA	2" Weatherproof Conduit Hubs	104.76	33.91
26 21 13 00-0040	EA	2-1/2" Weatherproof Conduit Hubs	134.41	38.24
26 21 13 00-0041	EA	3" Weatherproof Conduit Hubs	171.41	45.09
26 21 13 00-0042	EA	4" Weatherproof Conduit Hubs	308.80	90.19

26 21 13 00-0043 Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*

26 21 13 00-0044	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	47.32	15.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0045	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	54.31	18.04
26 21 13 00-0046	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	62.27	20.20
26 21 13 00-0047	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	83.69	27.06
26 21 13 00-0048	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	94.92	29.22
26 21 13 00-0049	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	125.63	33.91
26 21 13 00-0050	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	215.17	38.24
26 21 13 00-0051	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	244.63	45.09
26 21 13 00-0052	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	398.96	90.19
26 21 13 00-0053		Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)*		
26 21 13 00-0054	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	45.65	15.87
26 21 13 00-0055	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	51.50	18.04
26 21 13 00-0056	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	58.47	20.11
26 21 13 00-0057	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	77.70	27.06
26 21 13 00-0058	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	86.82	29.22
26 21 13 00-0059	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	102.48	33.91
26 21 13 00-0060	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	171.75	38.24
26 21 13 00-0061	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	222.78	45.09
26 21 13 00-0062	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service	312.81	67.64
26 21 13 00-0063	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	372.97	90.19
26 21 13 00-0064		Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)*		
26 21 13 00-0065	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	44.94	15.87
26 21 13 00-0066	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	51.54	18.04
26 21 13 00-0067	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	58.80	20.11
26 21 13 00-0068	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	78.20	27.06
26 21 13 00-0069	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	85.41	29.22
26 21 13 00-0070	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	106.61	33.91
26 21 13 00-0071	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	196.15	38.24
26 21 13 00-0072	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	217.63	45.09
26 21 13 00-0073	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service	383.51	67.64
26 21 13 00-0074	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	534.55	90.19

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	618.42	231.42
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	792.26	277.70
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	917.26	289.73
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,043.24	300.85
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,340.09	323.99
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,543.90	347.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*42.48*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*63.72*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,678.33	370.27
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*46.89*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*70.33*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,707.33	416.56
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*43.71*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*65.57*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,989.44	462.84
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*53.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*79.78*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,552.74	555.41
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*72.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*108.14*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,160.87	647.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*93.25*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*139.87*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	4,759.54	833.12
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*154.67*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*232.00*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	7,904.80	1,018.25
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*293.42*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*440.12*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	11,781.84	1,157.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*473.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*710.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0017		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	719.85	277.70
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	801.24	289.27
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	913.55	300.85
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,035.11	323.99
26 22 13 00-0022		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,543.90	347.13
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,678.33	370.27
26 22 13 00-0025		**1 Phase Mounting Brackets** *(26 22 13 00-0001)*		
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	427.59	164.90
26 22 13 00-0027		**1 Phase Weathershields** *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	30.61	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	39.01	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	46.52	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	55.50	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	75.09	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	89.78	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	110.18	
26 22 13 00-0035		**Packaged Power Supply** *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amp Breakers	1,028.52	289.27
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amp Breakers	1,127.83	300.85
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amp Breakers	1,219.48	323.99
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amp Breakers	1,436.02	347.13
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amp Breakers	1,846.93	370.27
26 22 13 00-0041		**240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	755.27	208.28
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	989.27	231.42
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,163.46	277.70
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,264.14	289.27
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,393.38	300.85
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,717.16	323.99
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,137.26	347.13
26 22 13 00-0049		**1 Phase, 208/600 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,530.93	347.13
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,638.09	370.27
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,751.73	393.41
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,502.48	416.56
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,648.20	439.70
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,710.03	462.84
26 22 13 00-0056		**3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		**Packaged Power Supply** *(26 22 13 00-0056)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amp Breakers	4,147.00	995.11
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*107.84*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*161.76*	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amp Breakers	4,801.77	1,064.53
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*133.64*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*200.45*	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amp Breakers	5,593.59	1,157.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*163.97*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*245.95*	
26 22 13 00-0061		**Drive Isolation Transformers** *(26 22 13 00-0056)*		
		Note: Only use in step-up applications.		
26 22 13 00-0062		**230 Volt Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	2,649.44	370.27
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,052.75	393.41
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,170.45	416.56
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,680.38	439.70

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,846.25	485.98
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,226.35	532.27
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,751.16	578.55
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,498.39	647.97
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,915.01	671.12
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,733.43	694.26
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,286.83	717.41
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,390.57	879.40
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,409.50	925.69
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,820.68	971.96
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,385.48	1,157.10
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	18,861.65	1,365.38
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,982.89	1,504.24
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,140.85	1,666.23
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	29,555.17	1,851.36

26 22 13 00-0082 208V Drive Isolation Transformers *(26 22 13 00-0061)*

26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	2,746.60	370.27
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,168.09	393.41
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,289.42	416.56
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,822.95	439.70
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,992.56	485.98
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,341.00	509.13
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,980.38	601.69
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,712.29	647.97
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,147.77	671.12
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,005.49	694.26
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,635.60	717.41
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,779.02	879.40
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,845.11	925.69
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,323.41	971.96
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,999.91	1,157.10

26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2 - 2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,007.50	381.84
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,539.79	416.56
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*85.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*128.00*	

26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,892.98	509.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*93.74*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*140.60*	
		For K4 Factor Rating, Add	*1,312.31*	
		For K13 Factor Rating, Add	*1,874.73*	
		For K20 Factor Rating, Add	*2,437.15*	
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,428.09	555.41
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*115.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*173.80*	
		For K4 Factor Rating, Add	*1,622.09*	
		For K13 Factor Rating, Add	*2,317.27*	
		For K20 Factor Rating, Add	*3,012.45*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,606.99	601.69
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*120.18*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*180.27*	
		For K4 Factor Rating, Add	*1,682.52*	
		For K13 Factor Rating, Add	*2,403.60*	
		For K20 Factor Rating, Add	*3,124.68*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,581.14	647.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*164.26*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*246.39*	
		For K4 Factor Rating, Add	*2,299.63*	
		For K13 Factor Rating, Add	*3,285.18*	
		For K20 Factor Rating, Add	*4,270.73*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,577.94	694.26
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*159.47*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*239.21*	
		For K4 Factor Rating, Add	*2,232.59*	
		For K13 Factor Rating, Add	*3,189.42*	
		For K20 Factor Rating, Add	*4,146.25*	
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,664.54	833.12
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*199.92*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*299.87*	
		For K4 Factor Rating, Add	*2,798.82*	
		For K13 Factor Rating, Add	*3,998.31*	
		For K20 Factor Rating, Add	*5,197.80*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	7,183.72	925.69
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*266.62*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*399.93*	
		For K4 Factor Rating, Add	*3,732.65*	
		For K13 Factor Rating, Add	*5,332.36*	
		For K20 Factor Rating, Add	*6,932.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,681.86	1,157.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*368.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*552.57*	
		For K4 Factor Rating, Add	*5,157.36*	
		For K13 Factor Rating, Add	*7,367.65*	
		For K20 Factor Rating, Add	*9,577.95*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	11,828.12	1,434.80
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*447.93*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*671.89*	
		For K4 Factor Rating, Add	*6,270.96*	
		For K13 Factor Rating, Add	*8,958.51*	
		For K20 Factor Rating, Add	*11,646.06*	
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	16,635.88	1,758.79
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*655.91*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*983.87*	
		For K4 Factor Rating, Add	*9,182.80*	
		For K13 Factor Rating, Add	*13,118.29*	
		For K20 Factor Rating, Add	*17,053.78*	
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	36,256.66	2,111.00
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,599.93*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,399.89*	
		For K4 Factor Rating, Add	*22,398.96*	
		For K13 Factor Rating, Add	*31,998.52*	
		For K20 Factor Rating, Add	*41,598.08*	
26 22 13 00-0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	47,230.28	2,314.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,130.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,195.14*	
		For K4 Factor Rating, Add	*29,821.31*	
		For K13 Factor Rating, Add	*42,601.87*	
		For K20 Factor Rating, Add	*55,382.43*	

26 22 13 00-0114 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	1,686.83	358.70
		For K4 Factor Rating, Add	*678.59*	
		For K13 Factor Rating, Add	*969.42*	
		For K20 Factor Rating, Add	*1,260.25*	
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,007.50	381.84
		For K4 Factor Rating, Add	*870.67*	
		For K13 Factor Rating, Add	*1,243.82*	
		For K20 Factor Rating, Add	*1,616.97*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,539.79	416.56
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*85.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*128.00*	
		For K4 Factor Rating, Add	*1,194.67*	
		For K13 Factor Rating, Add	*1,706.67*	
		For K20 Factor Rating, Add	*2,218.67*	

26 22 13 00-0118 480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,586.88	509.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*178.43*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*267.65*	
		For K4 Factor Rating, Add	*2,498.04*	
		For K13 Factor Rating, Add	*3,568.63*	
		For K20 Factor Rating, Add	*4,639.22*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,174.56	601.69
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*198.56*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*297.84*	
		For K4 Factor Rating, Add	*2,779.82*	
		For K13 Factor Rating, Add	*3,971.17*	
		For K20 Factor Rating, Add	*5,162.52*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	7,428.20	694.26
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*301.98*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*452.98*	
		For K4 Factor Rating, Add	*4,227.78*	
		For K13 Factor Rating, Add	*6,039.68*	
		For K20 Factor Rating, Add	*7,851.58*	
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,284.42	833.12
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*380.91*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*571.36*	
		For K4 Factor Rating, Add	*5,332.73*	
		For K13 Factor Rating, Add	*7,618.19*	
		For K20 Factor Rating, Add	*9,903.65*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	11,099.33	925.69
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*462.40*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*693.60*	
		For K4 Factor Rating, Add	*6,473.58*	
		For K13 Factor Rating, Add	*9,247.97*	
		For K20 Factor Rating, Add	*12,022.36*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	14,196.06	1,157.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*594.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*891.14*	
		For K4 Factor Rating, Add	*8,317.30*	
		For K13 Factor Rating, Add	*11,881.85*	
		For K20 Factor Rating, Add	*15,446.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	17,290.35	1,434.80
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*721.04*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,081.56*	
		For K4 Factor Rating, Add	*10,094.52*	
		For K13 Factor Rating, Add	*14,420.74*	
		For K20 Factor Rating, Add	*18,746.96*	
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	27,202.89	1,758.79
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,184.27*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,776.40*	
		For K4 Factor Rating, Add	*16,579.71*	
		For K13 Factor Rating, Add	*23,685.30*	
		For K20 Factor Rating, Add	*30,790.89*	
26 22 13 00-0127		3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0128		3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	2,402.59	416.56
26 22 13 00-0130	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,504.38	509.13
26 22 13 00-0131	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,989.12	601.69
26 22 13 00-0132	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,295.94	694.26
26 22 13 00-0133	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	9,236.18	833.12
26 22 13 00-0134	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	11,141.54	925.69
26 22 13 00-0135	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,042.70	1,157.10
26 22 13 00-0136	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	20,289.08	1,434.80
26 22 13 00-0137		3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0127)*		
		Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	2,717.69	416.56
26 22 13 00-0139	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,001.90	509.13
26 22 13 00-0140	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	5,745.96	601.69
26 22 13 00-0141	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	7,275.92	694.26
26 22 13 00-0142	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	10,749.87	833.12
26 22 13 00-0143	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,000.49	925.69
26 22 13 00-0144	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	15,188.10	1,157.10
26 22 13 00-0145	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	23,773.28	1,434.80
26 22 13 00-0146		NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0147		Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148		150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0149	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	2,925.63	413.02
26 22 13 00-0150	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,568.73	504.81
26 22 13 00-0151	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,302.80	596.59
26 22 13 00-0152	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,782.94	688.37
26 22 13 00-0153	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,741.70	826.05
26 22 13 00-0154	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,636.30	917.82
26 22 13 00-0155	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,779.75	1,147.28
26 22 13 00-0156	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	18,000.19	1,422.63
26 22 13 00-0157		115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,557.34	413.02
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,333.91	504.81
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,235.90	596.59
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,105.01	688.37
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,106.28	826.05
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,976.49	917.82
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,925.51	1,147.28
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	22,546.67	1,422.63
26 22 13 00-0166		80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,186.50	413.02
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,101.23	504.81
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,169.01	596.59
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,424.96	688.37
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,827.94	826.05
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,316.68	917.82
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	19,071.28	1,147.28
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	27,093.16	1,422.63

26 22 13 00-0175 Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*

Note: Two taps at 2.5%, four at -2.5%.

26 22 13 00-0176 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*

26 22 13 00-0177	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	3,976.06	413.02
26 22 13 00-0178	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,846.17	504.81
26 22 13 00-0179	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,856.55	596.59
26 22 13 00-0180	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,984.97	688.37
26 22 13 00-0181	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,853.45	826.05
26 22 13 00-0182	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	13,617.39	917.82
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	18,129.67	1,147.28
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	25,734.95	1,422.63

26 22 13 00-0185 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*

26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,605.22	413.02
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,613.48	504.81
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,789.66	596.59
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,307.05	688.37
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	14,203.27	826.05
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	17,923.68	917.82
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	22,882.33	1,147.28
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	34,128.62	1,422.63

26 22 13 00-0194 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*

26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,236.50	413.02
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,380.79	504.81
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,722.76	596.59
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,626.99	688.37
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,894.17	826.05
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,828.26	917.82
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	27,632.86	1,147.28
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	40,832.49	1,422.63

26 22 13 00-0203 3 Phase Weathershields *(26 22 13 00-0056)*

Note: Use with type DT-3 and DS-3.

26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	414.61
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	704.08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0207		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	551.11	164.90
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0209)* Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0211		Primary, 4.16/4.8 KV Ground Y Or Delta 480 Y/277, 480 V 95 KV BIL *(26 22 13 00-0210)* Note: 13.8 Thru 14.4 KV secondary. Rated to 5 KVA.		
26 22 13 00-0212	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,563.82	1,101.39
26 22 13 00-0213	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	13,134.46	1,101.39
26 22 13 00-0214	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,486.34	1,899.90
26 22 13 00-0215	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,381.02	1,899.90
26 22 13 00-0216	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,408.03	2,845.26
26 22 13 00-0217	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	28,988.74	3,763.09
26 22 13 00-0218	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	37,948.87	4,772.70
26 22 13 00-0219	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	44,516.00	5,782.31
26 22 13 00-0220		Primary, 4.16/4.8 KV Ground Y Or Delta 208 Y/120 V - 95 BIL *(26 22 13 00-0210)* Note: 13.8 Thru 14.4 KV secondary. Rated to 5 KVA.		
26 22 13 00-0221	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,563.82	1,101.39
26 22 13 00-0222	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	13,134.46	1,101.39
26 22 13 00-0223	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,486.34	1,899.90
26 22 13 00-0224	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,453.23	1,899.90
26 22 13 00-0225	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,597.96	2,845.26
26 22 13 00-0226	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	29,033.68	3,763.09
26 22 13 00-0227	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	41,745.85	4,772.70
26 22 13 00-0228	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	45,327.51	5,782.31
26 22 13 00-0229		Factory Modifications *(26 22 13 00-0210)* Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0230	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	759.71	
26 22 13 00-0231	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	123.54	
26 22 13 00-0232	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	494.15	
26 22 13 00-0233	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	1,423.67	
26 22 13 00-0234	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	174.41	
26 22 13 00-0235	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	138.07	
26 22 13 00-0236		Accessories For Transformer Liquid Containment Area *(26 22 13 00-0210)* Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0237	EA	Containment Area For 75 KVA	4,469.51	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,129.39*	
26 22 13 00-0238	EA	Containment Area For 112.5 KVA	4,469.51	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,129.39*	
26 22 13 00-0239	EA	Containment Area For 150 KVA	4,469.51	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,129.39*	
26 22 13 00-0240	EA	Containment Area For 225 KVA	4,469.51	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,129.39*	
26 22 13 00-0241	EA	Containment Area For 300 KVA	4,463.44	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,127.57*	
26 22 13 00-0242	EA	Containment Area For 500 KVA	4,463.44	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,127.57*	
26 22 13 00-0243	EA	Containment Area For 750 KVA	4,483.79	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,127.57*	
26 22 13 00-0244	EA	Containment Area For 1,000 KVA	4,778.82	1,694.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,127.57*	
26 22 13 00-0245		Primary, 4.16/4.8 KV Ground Y Or Delta 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)* Note: 7.2 Thru 14.4 KV secondary. Rated to 5 KVA.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0246	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	5,557.35	1,101.39
26 22 13 00-0247	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	5,993.37	1,101.39
26 22 13 00-0248	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,284.04	1,101.39
26 22 13 00-0249	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,156.07	1,101.39
26 22 13 00-0250	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,040.99	1,652.09
26 22 13 00-0251	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,331.66	1,652.09
26 22 13 00-0252	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,819.77	1,652.09
26 22 13 00-0253	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,184.15	2,202.79
26 22 13 00-0254	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,962.93	2,202.79

26 22 13 00-0255 Primary, 4.16/4.8 KV Ground Y Or Delta 208 Y / 120 Volt, 95 BIL *(26 22 13 00-0210)*

Note: 7.2 Thru 14.4 KV secondary. Rated to 5 KVA.

26 22 13 00-0256	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	5,702.69	1,101.39
26 22 13 00-0257	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,284.04	1,101.39
26 22 13 00-0258	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,429.38	1,101.39
26 22 13 00-0259	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,574.72	1,101.39
26 22 13 00-0260	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,040.99	1,652.09
26 22 13 00-0261	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,622.34	1,652.09
26 22 13 00-0262	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	11,819.77	1,652.09
26 22 13 00-0263	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,329.48	2,202.79
26 22 13 00-0264	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,962.93	2,202.79

26 22 13 00-0265 Primary 5 KV Or 15 KV, Secondary 277/480 Volt *(26 22 13 00-0209)*

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0266	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	9,507.84	1,446.51
26 22 13 00-0267	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	10,579.18	1,707.63
26 22 13 00-0268	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	12,142.77	2,087.11
26 22 13 00-0269	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	14,259.69	2,348.22
26 22 13 00-0270	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	16,879.71	2,471.74
26 22 13 00-0271	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	21,390.42	3,611.58
26 22 13 00-0272	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	24,870.97	4,085.91
26 22 13 00-0273	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	30,532.71	4,696.45
26 22 13 00-0274	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	33,326.12	4,931.28
26 22 13 00-0275	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	35,658.14	5,495.04
26 22 13 00-0276	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	40,287.05	5,870.75

26 22 13 00-0277 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled *(26 22 13 00-0209)*

26 22 13 00-0278	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	35,414.55	4,090.30
26 22 13 00-0279	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	43,225.93	4,703.86
26 22 13 00-0280	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	48,725.50	4,951.40
26 22 13 00-0281	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	52,046.92	5,533.95
26 22 13 00-0282	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	57,813.25	5,701.63

26 22 13 00-0283 Silicone Filled Distribution Transformers, 3 Phase *(26 22 13 00-0209)*

Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0284	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	15,185.32	1,707.63
26 22 13 00-0285	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	16,693.28	2,087.11
26 22 13 00-0286	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	19,419.67	2,348.22
26 22 13 00-0287	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	22,953.89	2,471.74
26 22 13 00-0288	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	28,522.62	3,611.58
26 22 13 00-0289	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	35,440.87	4,085.91
26 22 13 00-0290	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	42,742.71	4,696.45
26 22 13 00-0291	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	48,206.48	4,931.28

26 22 13 00-0292 Foam Core Poly Transformer Pads *(26 22 13)*

26 22 13 00-0293	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	141.44	30.31

26 24 Switchboards And Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		concrete pad and foundation.		
26 24 13 00-0001		Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0002		Incoming Service Section Main Device Only *(26 24 13 00-0001)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0003	EA	400 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	3,097.23	788.84
26 24 13 00-0004	EA	600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	3,425.10	834.39
26 24 13 00-0005	EA	800 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	5,497.93	946.49
26 24 13 00-0006	EA	1,200 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	5,922.02	1,014.67
26 24 13 00-0007	EA	1,600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	9,456.08	1,081.85
26 24 13 00-0008	EA	2,000 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	10,539.50	1,150.31
26 24 13 00-0009	EA	400 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	3,735.77	788.84
26 24 13 00-0010	EA	600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	4,770.83	834.39
26 24 13 00-0011	EA	800 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	6,631.24	947.30
26 24 13 00-0012	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	9,047.37	1,014.67
26 24 13 00-0013	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	9,456.08	1,082.94
26 24 13 00-0014	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	10,539.50	1,150.31
26 24 13 00-0015	EA	2,500 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	12,651.12	1,202.61
26 24 13 00-0016	EA	3,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	14,336.27	1,288.38
26 24 13 00-0017	EA	4,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	16,910.88	1,388.85
26 24 13 00-0018	EA	400 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,116.63	698.93
26 24 13 00-0019	EA	600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,335.55	744.11
26 24 13 00-0020	EA	800 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,675.57	856.57
26 24 13 00-0021	EA	1,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,882.54	892.56
26 24 13 00-0022	EA	1,200 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,066.84	924.75
26 24 13 00-0023	EA	1,600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,358.43	991.49
26 24 13 00-0024	EA	2,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,630.74	1,059.49
26 24 13 00-0025		Branch Breaker Units *(26 24 13 00-0001)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA	15 - 60 Amp MC Branch Breaker, 240 Volt	262.24	27.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 24 13 00-0027	EA	70 - 100 Amp MC Branch Breaker, 240 Volt	384.48	43.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.97*	
26 24 13 00-0028	EA	125 - 225 Amp MC Branch Breaker, 240 Volt	1,029.50	78.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.35*	
26 24 13 00-0029	EA	100 - 400 Amp MC Branch Breaker, 240 Volt	1,824.64	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.69*	
26 24 13 00-0030	EA	300 - 600 Amp MC Branch Breaker, 240 Volt	3,255.99	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0031	EA	400 - 800 Amp MC Branch Breaker, 240 Volt	5,200.11	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0032	EA	600 - 1,200 Amp MC Branch Breaker, 240 Volt	8,434.31	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.01*	
26 24 13 00-0033		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0034		Incoming Service Section Main Device Only *(26 24 13 00-0033)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA	400 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	4,381.79	1,023.60
26 24 13 00-0036	EA	600 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	4,890.24	1,023.60
26 24 13 00-0037	EA	800 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	7,210.61	1,330.23
26 24 13 00-0038	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	8,164.92	1,330.23
26 24 13 00-0039		Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0040		Incoming Service Section Main Device Only *(26 24 13 00-0039)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA	200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	2,786.24	698.93
26 24 13 00-0042	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	3,099.44	744.11
26 24 13 00-0043	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	4,724.61	856.57
26 24 13 00-0044	EA	1,200 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	5,132.71	924.03
26 24 13 00-0045	EA	200/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	3,392.40	698.93
26 24 13 00-0046	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	4,272.90	744.11
26 24 13 00-0047	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	5,983.56	856.57
26 24 13 00-0048	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	8,566.32	924.03
26 24 13 00-0049	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	10,052.70	1,037.12
26 24 13 00-0050	EA	200/400 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	1,960.84	608.65
26 24 13 00-0051	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,195.00	653.92
26 24 13 00-0052	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,576.65	766.39
26 24 13 00-0053	EA	1,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,771.70	802.37
26 24 13 00-0054	EA	1,200 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,960.18	834.39
26 24 13 00-0055	EA	1,600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,211.16	892.56
26 24 13 00-0056	EA	2,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,456.37	946.49
26 24 13 00-0057	EA	2,500 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	4,290.22	1,172.40
26 24 13 00-0058	EA	3,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	4,799.88	1,285.13
26 24 13 00-0059	EA	4,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	5,637.07	1,386.59
26 24 13 00-0060		Branch Breaker Units *(26 24 13 00-0039)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0061	EA	15 - 60 Amp MC Branch Breaker, 120 / 240 Volt	141.83	23.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.34*	
26 24 13 00-0062	EA	70 - 100 Amp MC Branch Breaker, 120 / 240 Volt	225.46	39.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.81*	
26 24 13 00-0063	EA	125 - 225 Amp MC Branch Breaker, 120 / 240 Volt	680.82	55.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.28*	
26 24 13 00-0064	EA	100 - 400 Amp MC Branch Breaker, 120 / 240 Volt	1,949.32	71.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.75*	
26 24 13 00-0065	EA	300 - 600 Amp MC Branch Breaker, 120 / 240 Volt	3,076.20	173.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.15*	
26 24 13 00-0066	EA	400 - 800 Amp MC Branch Breaker, 120 / 240 Volt	4,366.23	173.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.15*	
26 24 13 00-0067	EA	600 - 1,200 Amp MC Branch Breaker, 120 / 240 Volt	7,203.76	331.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*198.88*	

26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0069 Incoming Service Section Main Device Only *(26 24 13 00-0068)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0070	EA	400 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	3,098.33	788.84
26 24 13 00-0071	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	3,423.87	834.39
26 24 13 00-0072	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	5,496.33	946.49
26 24 13 00-0073	EA	1,200 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	5,920.18	1,014.67
26 24 13 00-0074	EA	1,600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	9,451.92	1,081.85
26 24 13 00-0075	EA	2,000 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	10,539.50	1,150.31
26 24 13 00-0076	EA	400 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	3,736.87	788.84
26 24 13 00-0077	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	4,769.60	834.39
26 24 13 00-0078	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	6,631.24	947.30
26 24 13 00-0079	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	9,045.53	1,014.67
26 24 13 00-0080	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	9,453.99	1,082.94
26 24 13 00-0081	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	10,539.50	1,150.31
26 24 13 00-0082	EA	400 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	2,217.64	698.93
26 24 13 00-0083	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	2,476.44	744.11
26 24 13 00-0084	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	2,886.70	856.57
26 24 13 00-0085	EA	1,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,103.66	892.56
26 24 13 00-0086	EA	1,200 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,313.15	924.75
26 24 13 00-0087	EA	1,600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,595.49	991.49
26 24 13 00-0088	EA	2,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,881.79	1,059.49
26 24 13 00-0089	EA	2,500 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	4,603.69	1,203.97
26 24 13 00-0090	EA	3,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	5,090.13	1,288.29
26 24 13 00-0091	EA	4,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	5,999.08	1,384.34

26 24 13 00-0092 Branch Breaker Units *(26 24 13 00-0068)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole.
Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0093	EA	15 - 60 Amp MC Branch Breaker, 120/208 Volt	262.24	27.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 24 13 00-0094	EA	70 - 100 Amp MC Branch Breaker, 120/208 Volt	384.48	43.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.97*	
26 24 13 00-0095	EA	125 - 225 Amp MC Branch Breaker, 120/208 Volt	1,029.50	78.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.35*	
26 24 13 00-0096	EA	100 - 400 Amp MC Branch Breaker, 120/208 Volt	1,824.64	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.69*	
26 24 13 00-0097	EA	300 - 600 Amp MC Branch Breaker, 120/208 Volt	3,255.99	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0098	EA	400 - 800 Amp MC Branch Breaker, 120/208 Volt	5,200.11	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0099	EA	600 - 1,200 Amp MC Branch Breaker, 120/208 Volt	8,434.31	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.01*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	4,021.08	1,081.85
26 24 13 00-0103	EA	600 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	4,410.54	1,150.31
26 24 13 00-0104	EA	800 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	6,245.02	1,283.96
26 24 13 00-0105	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	6,824.28	1,374.78
26 24 13 00-0106	EA	400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	5,105.17	1,081.85
26 24 13 00-0107	EA	600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	6,840.36	1,150.31
26 24 13 00-0108	EA	800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	7,749.10	1,285.40
26 24 13 00-0109	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	9,765.71	1,374.78
26 24 13 00-0110	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	10,220.06	1,465.96
26 24 13 00-0111	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	11,352.97	1,557.03
26 24 13 00-0112	EA	400 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	2,217.64	698.93
26 24 13 00-0113	EA	600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	2,476.44	744.11
26 24 13 00-0114	EA	800 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	2,886.70	856.57
26 24 13 00-0115	EA	1,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,103.66	892.56
26 24 13 00-0116	EA	1,200 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,313.15	924.75
26 24 13 00-0117	EA	1,600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,595.49	991.49
26 24 13 00-0118	EA	2,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,881.79	1,059.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0119		**Branch Breaker Units** *(26 24 13 00-0100)* Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0120	EA	15 - 60 Amp MC Branch Breaker, 480 / 277 Volt	540.72	27.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.50*	
26 24 13 00-0121	EA	70 - 100 Amp MC Branch Breaker, 480 / 277 Volt	624.09	43.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.97*	
26 24 13 00-0122	EA	125 - 225 Amp MC Branch Breaker, 480 / 277 Volt	1,131.82	78.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.35*	
26 24 13 00-0123	EA	100 - 400 Amp MC Branch Breaker, 480 / 277 Volt	1,824.64	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.69*	
26 24 13 00-0124	EA	300 - 600 Amp MC Branch Breaker, 480 / 277 Volt	4,372.46	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0125	EA	400 - 800 Amp MC Branch Breaker, 480 / 277 Volt	4,472.19	252.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*151.49*	
26 24 13 00-0126	EA	600 - 1,200 Amp MC Branch Breaker, 480 / 277 Volt	7,179.24	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.01*	
26 24 13 00-0127		**Fusible Branch Circuit Switch** *(26 24 13)* Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
26 24 13 00-0128		**240 Volt, 2 Pole Twin Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0129	EA	30/30 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	560.16	70.80
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0130	EA	30/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	558.22	70.80
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0131	EA	60/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	558.22	70.80
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0132	EA	60/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	874.84	93.34
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0133	EA	100/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	874.84	93.34
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0134		**240 Volt, 2 Pole Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0135	EA	100 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	639.95	69.44
		For Electrical Interlock Kit, Add	*216.91*	
26 24 13 00-0136	EA	200 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	930.82	69.44
		For Electrical Interlock Kit, Add	*216.91*	
26 24 13 00-0137	EA	400 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	2,393.09	187.13
26 24 13 00-0138		**240 Volt, 3 Pole Twin Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0139	EA	30/30 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	717.04	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0140	EA	30/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	715.10	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0141	EA	60/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	715.10	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0142	EA	60/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	1,076.29	106.87
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0143	EA	100/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	1,076.29	106.87
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0144		**240 Volt, 3 Pole Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0145	EA	100 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	774.65	78.46
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0146	EA	200 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	1,248.82	78.46
		For Electrical Interlock Kit, Add	*216.91*	
26 24 13 00-0147	EA	400 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	3,202.16	209.50
26 24 13 00-0148	EA	600 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	4,570.65	268.39
26 24 13 00-0149	EA	800 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	8,497.51	363.63
26 24 13 00-0150		**600 Volt, 3 Pole Twin Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0151	EA	30/30 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,010.66	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0152	EA	30/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,008.70	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0153	EA	60/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,010.66	79.81
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0154	EA	60/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,519.32	106.87
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0155	EA	100/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,552.11	106.87
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0156	EA	200/200 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	3,298.57	139.79
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	1,090.89	78.46
		For Electrical Interlock Kit, Add	*226.43*	
26 24 13 00-0159	EA	200 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	1,650.30	78.46
		For Electrical Interlock Kit, Add	*216.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0160	EA	400 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	4,016.54	209.50
		For Electrical Interlock Kit, Add	*216.91*	
26 24 13 00-0161	EA	600 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	4,878.89	268.39
26 24 13 00-0162	EA	800 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	8,497.51	363.63
26 24 13 00-0163		Service And Distribution Structures *(26 24 13)*		
26 24 13 00-0164		Distribution Section 600 Volts, 250 Volts DC *(26 24 13 00-0163)*		
26 24 13 00-0165		600 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,085.86	829.70
26 24 13 00-0167	EA	24 - 30 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,483.35	829.70
26 24 13 00-0168	EA	34 - 38 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,765.65	1,055.16
26 24 13 00-0169	EA	42 - 48 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,057.00	1,055.16
26 24 13 00-0170		800 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,351.00	960.47
26 24 13 00-0172	EA	24 - 30 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,736.97	960.47
26 24 13 00-0173	EA	34 - 38 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,057.00	1,190.44
26 24 13 00-0174	EA	42 - 48 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,318.74	1,190.44
26 24 13 00-0175		1,200 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,761.37	1,172.40
26 24 13 00-0177	EA	24 - 30 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,157.19	1,172.40
26 24 13 00-0178	EA	34 - 38 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,497.68	1,442.96
26 24 13 00-0179	EA	42 - 48 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,881.11	1,442.96
26 24 13 00-0180		1,600 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,394.44	1,285.13
26 24 13 00-0182	EA	24 - 30 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,869.08	1,285.13
26 24 13 00-0183	EA	34 - 38 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,274.38	1,587.24
26 24 13 00-0184	EA	42 - 48 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,608.40	1,587.24
26 24 13 00-0185		2,000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,561.63	1,289.64
26 24 13 00-0187	EA	24 - 30 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,075.54	1,451.98
26 24 13 00-0188	EA	34 - 38 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,158.76	1,451.98
26 24 13 00-0189	EA	42 - 48 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,335.73	1,533.13
26 24 13 00-0190		3,000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 - 30 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,866.79	1,451.98
26 24 13 00-0192	EA	34 - 38 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,948.77	1,451.98
26 24 13 00-0193	EA	42 - 48 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,125.74	1,533.13
26 24 13 00-0194		4,000 Amp Main Bus, 4 Wire *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 - 30 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,982.41	1,533.13
26 24 13 00-0196	EA	34 - 38 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,125.74	1,533.13
26 24 13 00-0197	EA	42 - 48 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,189.65	1,533.13
26 24 13 00-0198		Pull Boy, Horizontal Mounted Across Top Of Switch Board *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	436.95	108.22
26 24 13 00-0200	EA	Drilled Bottom	492.82	108.22
26 24 13 00-0201	EA	Cable Supports In Pull Box	174.31	27.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.03*	
26 24 13 00-0202		Underground Pull Sections *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 - 20" Wide, 15 - 20" Deep Underground Pull Section Without Bus Or Terminal	425.74	126.26
26 24 13 00-0204	EA	24 - 28" Wide, 20" Deep Underground Pull Section Without Bus Or Terminal	732.09	162.33
26 24 13 00-0205	EA	24 - 28" Wide, 30" Deep Underground Pull Section Without Bus Or Terminal	732.09	162.33
26 24 13 00-0206	EA	14 - 20" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	549.96	126.26
26 24 13 00-0207	EA	28 - 30" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	784.02	184.88
26 24 13 00-0208	EA	14 - 20" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	896.05	184.88
26 24 13 00-0209	EA	26 - 30" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	940.83	238.99
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	995.40	238.99
26 24 13 00-0211		Switchboard Sections *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	3,404.98	751.51
26 24 13 00-0213	EA	800 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	3,728.63	816.89
26 24 13 00-0214	EA	1,200 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	4,678.60	1,043.80
26 24 13 00-0215	EA	1,600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	5,116.47	1,138.67
26 24 13 00-0216	EA	2,000 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	5,456.35	1,212.17
26 24 13 00-0217	EA	400 Amp Switchboard Incoming For Switch Circuit Section 480 Volt	4,019.75	659.25
26 24 13 00-0218	EA	Distribution Section Subfeeder Lug-Rated At 200 Amp	2,322.05	626.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0219	EA	Distribution Section Subfeeder Lug-Rated At 400 Amp	2,571.01	679.09
26 24 13 00-0220	EA	Distribution Section Aluminum Bus 120/208 Or 277/480 Volt, 4 Wire	3,032.33	751.51
26 24 13 00-0221	EA	800 Amp Switchboard Distribution Section Aluminum Bus Less Breaker	3,300.04	753.49
26 24 13 00-0222	EA	1,000 Amp Switchboard Distribution Section Aluminum Bus Less Breaker	3,643.37	841.24
26 24 13 00-0223	EA	15 To 60 Amp, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	131.49	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.54*	
26 24 13 00-0224	EA	70 To 100 Amp, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	160.25	45.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.53*	
26 24 13 00-0225	EA	70 To 225 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	724.27	54.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.09*	
26 24 13 00-0226	EA	125 To 400 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,196.36	116.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.60*	
26 24 13 00-0227	EA	100 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase	480.06	162.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.37*	
26 24 13 00-0228	EA	225 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase	1,336.20	93.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.09*	

26 24 13 00-0229 Switchboard, Structure Per Section Copper 480 V *(26 24 13 00-0163)*

26 24 13 00-0230	EA	225 Amp Switchboard, Structure Per Section, Copper, 480 Volt	1,765.36	391.40
26 24 13 00-0231	EA	400 Amp Switchboard, Structure Per Section, Copper, 480 Volt	2,507.56	529.29
26 24 13 00-0232	EA	600 Amp Switchboard, Structure Per Section, Copper, 480 Volt	2,819.79	644.18
26 24 13 00-0233	EA	800 Amp Switchboard, Structure Per Section, Copper, 480 Volt	3,567.89	901.84
26 24 13 00-0234	EA	1,200 Amp Switchboard, Structure Per Section, Copper, 480 Volt	4,422.53	1,127.31
26 24 13 00-0235	EA	1,600 Amp Switchboard, Structure Per Section, Copper, 480 Volt	4,859.20	1,127.31
26 24 13 00-0236	EA	2,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	6,013.42	1,503.11
26 24 13 00-0237	EA	2,500 Amp Switchboard, Structure Per Section, Copper, 480 Volt	6,850.72	1,503.11
26 24 13 00-0238	EA	3,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	8,058.76	1,789.35
26 24 13 00-0239	EA	4,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	9,599.47	1,789.35

26 24 13 00-0240 Main Devices *(26 24 13)*

26 24 13 00-0241 Power Circuit Breakers *(26 24 13 00-0240)*

26 24 13 00-0242 DSL Breaker With Current Limiters And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0243	EA	50 - 800 Amp DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	6,140.50	946.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*566.96*	
26 24 13 00-0244	EA	50 - 1,600 Amp DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	11,186.27	1,578.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*945.99*	
26 24 13 00-0245	EA	1,200 - 3,200 Amp DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	25,077.69	2,651.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,576.65*	
26 24 13 00-0246	EA	4,000 Amp DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	40,416.03	4,292.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,621.64*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,096.74	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	270.79	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	355.25	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	255.88	

26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0252	EA	50 - 800 Amp DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	7,180.67	992.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*598.04*	
26 24 13 00-0253	EA	50 - 1,600 Amp DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	13,314.80	1,668.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*996.15*	
26 24 13 00-0254	EA	1,200 - 3,200 Amp DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	28,149.24	2,750.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,657.81*	
26 24 13 00-0255	EA	4,000 Amp DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	43,518.50	4,509.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,772.07*	

26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.

26 24 13 00-0257	EA	50 - 800 Amp DS-206, Main Breaker With Groundfault, Amptector Static Trip	4,901.79	865.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*520.30*	
26 24 13 00-0258	EA	50 - 1,600 Amp DS-416, Main Breaker With Groundfault, Amptector Static Trip	8,950.96	1,451.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*867.16*	
26 24 13 00-0259	EA	2,000 Amp DS-420, Main Breaker With Groundfault, Amptector Static Trip	13,300.18	2,434.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,445.27*	
26 24 13 00-0260	EA	1,200 - 3,200 AMP DS-632, Main Breaker With Groundfault, Amptector Static Trip	22,935.51	3,923.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,407.06*	
26 24 13 00-0261	EA	4,000 Amp DS-840, Main Breaker With Groundfault, Amptector Static Trip	37,341.68	6,403.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,002.28*	

26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.

26 24 13 00-0263	EA	50 - 800 Amp DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	5,758.20	829.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*496.25*	
26 24 13 00-0264	EA	50 - 1,600 Amp DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	10,725.86	1,388.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*826.88*	
26 24 13 00-0265	EA	2,000 Amp DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	15,316.01	2,308.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,380.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0266	EA	1,200 - 3,200 Amp DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	25,282.40	3,760.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,300.63*	
26 24 13 00-0267	EA	4,000 Amp DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	39,587.28	6,448.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,843.10*	

26 24 13 00-0268 Molded Case Circuit Breakers Conventional *(26 24 13 00-0241)*

26 24 13 00-0269	EA	70 - 225 Amp 3 Pole Molded Case Circuit Breaker Conventional	2,126.59	757.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*436.38*	
26 24 13 00-0270	EA	125 - 400 Amp 3 Pole Molded Case Circuit Breaker Conventional	3,076.48	757.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*474.65*	
26 24 13 00-0271	EA	300 - 600 Amp 3 Pole Molded Case Circuit Breaker Conventional	3,411.22	901.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*520.30*	
26 24 13 00-0272	EA	400 - 800 Amp 3 Pole Molded Case Circuit Breaker Conventional	4,043.90	901.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*563.65*	
26 24 13 00-0273	EA	600 - 1,200 Amp 3 Pole Molded Case Circuit Breaker Conventional	5,956.86	1,082.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*617.70*	
26 24 13 00-0274	EA	1,000 - 2,000 Amp 3 Pole Molded Case Circuit Breaker Conventional	9,562.58	1,082.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*683.22*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	268.30	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	62.11	

26 24 13 00-0277 Switchboard Branch Breaker 480 Volt *(26 24 13 00-0240)*

26 24 13 00-0278	EA	60 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	432.46	65.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.21*	
26 24 13 00-0279	EA	100 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	511.24	86.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.03*	
26 24 13 00-0280	EA	225 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	1,464.17	130.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.38*	
26 24 13 00-0281	EA	400 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	1,934.32	163.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.31*	
26 24 13 00-0282	EA	600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	2,343.75	219.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.85*	
26 24 13 00-0283	EA	800 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	2,832.49	281.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.10*	
26 24 13 00-0284	EA	1,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	4,553.10	429.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*257.67*	
26 24 13 00-0285	EA	1,200 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	4,553.10	429.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*257.67*	
26 24 13 00-0286	EA	1,600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	6,385.88	601.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*360.74*	
26 24 13 00-0287	EA	2,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	7,986.10	901.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*541.11*	

26 24 13 00-0288 Switchboard 277/480 Volt Main Breaker *(26 24 13 00-0240)*

26 24 13 00-0289	EA	400 Amp, Switchboard 277/480 Volt Main Breaker	5,159.87	391.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.86*	
26 24 13 00-0290	EA	600 Amp, Switchboard 277/480 Volt Main Breaker	5,234.28	428.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*257.18*	
26 24 13 00-0291	EA	800 Amp, Switchboard 277/480 Volt Main Breaker	5,665.37	644.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.51*	
26 24 13 00-0292	EA	1,200 Amp, Switchboard 277/480 Volt Main Breaker	9,666.88	901.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*541.11*	
26 24 13 00-0293	EA	1,600 Amp, Switchboard 277/480 Volt Main Breaker	9,858.42	997.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*598.57*	
26 24 13 00-0294	EA	2,000 Amp, Switchboard 277/480 Volt Main Breaker	13,070.19	1,789.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,073.63*	

26 24 13 00-0295 Branch Or Distribution Devices *(26 24 13)*

26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0297	EA	15 - 60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	353.09	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 13 00-0298	EA	70 - 100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	361.30	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 13 00-0299	EA	125 - 150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	839.85	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 13 00-0300	EA	70 - 225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,213.20	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	
26 24 13 00-0301	EA	125 - 400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,703.97	77.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 13 00-0302	EA	300 - 600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,225.29	91.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.88*	
26 24 13 00-0303	EA	900 - 1,000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,375.07	102.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.72*	

26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0305	EA	15 - 60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	244.49	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 13 00-0306	EA	70 - 100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	314.84	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0307	EA	125 - 150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	832.09	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 13 00-0308	EA	70 - 225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,306.48	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.76*	
26 24 13 00-0309	EA	125 - 400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,387.65	58.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	
26 24 13 00-0310	EA	900 - 1,000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	3,115.89	85.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.82*	

26 24 13 00-0311 Meter Devices And Instrumentation *(26 24 13)*

Note: Factory installed accessories.

26 24 13 00-0312 Instrument Transformers And Metering Compartments *(26 24 13 00-0311)*

26 24 13 00-0313	EA	800 Amp And Below Primary Current Transformer, With Compartment	324.20
26 24 13 00-0314	EA	1,000 - 1,500 Amp Primary Current Transformer, With Compartment	468.29
26 24 13 00-0315	EA	2,000 - 6,000 Amp Primary Current Transformer, With Compartment	551.51
26 24 13 00-0316	EA	Potential Transformer With 200 VA Max	397.49
26 24 13 00-0317	EA	5 To 800 Amp, Three Current Transformers	1,370.03
26 24 13 00-0318	EA	1,000 To 1,500 Amp, Three Current Transformers	2,434.18
26 24 13 00-0319	EA	2,000 To 4,000 Amp, Three Current Transformers	3,167.45

26 24 13 00-0320 Instruments *(26 24 13 00-0311)*

26 24 13 00-0321	EA	AC Voltmeter	442.20
26 24 13 00-0322	EA	AC Ammeter	442.20
26 24 13 00-0323	EA	AC Wattmeter	1,181.28
26 24 13 00-0324	EA	Variometer	1,334.07
26 24 13 00-0325	EA	Power Factor Meter	1,065.76
26 24 13 00-0326	EA	Frequency Meter	1,176.31
26 24 13 00-0327	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,496.79
26 24 13 00-0328	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	2,504.17
26 24 13 00-0329	EA	Weatherproof, Modify Meter	2,431.42
26 24 13 00-0330	EA	Control Switch Resistor Type 130 V	57.51
26 24 13 00-0331	EA	Metering Instrument Volt, Amp And Watt Hour	3,020.66

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

26 24 16 00-0002 Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0004	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	837.65	257.03
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0005	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	964.71	257.03
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0006	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,099.05	356.23
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0007	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,227.28	356.23
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0008	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,356.10	446.42
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0009	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,490.83	446.42
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0010	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,613.06	514.06
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0011	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	1,931.78	658.34
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0012	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,060.36	658.34
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0013	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,539.57	753.04
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0014	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,730.29	753.04
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0015	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	2,848.56	847.73
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0016	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,022.78	847.73
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0017	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,138.16	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0018	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,312.48	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0019	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,507.00	1,037.12
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0020	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,573.45	1,037.12
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0021	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,806.70	1,037.12
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0023	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	909.83	248.01
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0024	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,038.85	248.01
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0025	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,378.77	423.87
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0026	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,509.90	423.87
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0027	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,640.00	518.56
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0028	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	1,779.41	518.56
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0029	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	1,897.30	622.27
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0030	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,633.28	622.27
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0031	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,751.08	762.06
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0032	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	2,879.11	762.06
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0033	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,019.43	856.75
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0034	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,133.05	856.75
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0035	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,254.24	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0036	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,384.18	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0037	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,524.29	1,109.27
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0038	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,676.29	1,109.27
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0039	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	3,842.36	1,109.27
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0040	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	3,944.90	1,172.40
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0042	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,133.92	293.10
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0043	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,274.23	293.10
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0044	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,433.18	392.31
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0045	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,599.75	392.31
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0046	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,749.34	482.49
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0047	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,909.26	482.49
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0048	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,059.72	572.67
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0049	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,216.11	572.67
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0050	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,360.55	671.87
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0051	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,526.89	671.87
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0052	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,697.18	775.59
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0053	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,863.47	775.59
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0054	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,198.25	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0055	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,313.16	937.92
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0056	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,506.70	1,041.63
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0057	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,683.61	1,041.63
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0058	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,807.61	1,136.33
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0059	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,985.69	1,136.33
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0060	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,859.45	1,008.26
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0061	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,986.19	1,059.67
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0062	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,188.67	1,116.04
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0063	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,379.28	1,181.42
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0064	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,511.26	1,217.49
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0065	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,725.87	1,291.90
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0067	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,341.63	284.08
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0068	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,483.77	284.08
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0069	EA	50 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,652.11	374.27
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0070	EA	50 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,883.31	374.27
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0071	EA	100 Amp Rating 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,233.85	563.65
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0072	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,379.79	563.65
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0073	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,538.24	658.34
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0074	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,670.81	658.34
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0075	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,848.33	762.06
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0076	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	2,970.86	762.06
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0077	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,166.50	856.75
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0078	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,333.55	856.75
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0079	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,367.83	992.03
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0080	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,557.56	1,046.14
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0081	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,636.23	1,046.14
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0082	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,848.12	1,181.42
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0083	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	4,999.15	1,181.42
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0084	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,093.93	1,181.42
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0085	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,162.81	1,086.73
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0086	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,369.25	1,149.85
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0087	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,450.33	1,181.42
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0088	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,678.40	1,253.57
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0089	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	5,828.31	1,289.64
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0090	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	5,966.37	1,334.74
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0091		**480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0092	EA	100 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,274.61	288.59
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0093	EA	100 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,459.27	288.59
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0094	EA	100 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,636.19	396.82
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0095	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,820.81	396.82
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0096	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,992.81	496.02
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0097	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,174.21	496.02
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0098	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,363.62	599.72
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0099	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,536.99	599.72
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0100	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,727.85	712.46
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0101	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,912.03	712.46
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0102	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,081.14	811.66
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0103	EA	100 Amp Rating,30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,262.53	811.66
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0104	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,651.62	987.52
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0105	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,832.79	987.52
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0106	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,025.87	1,082.22
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0107	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,166.03	1,082.22
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0108	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,381.19	1,194.95
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0109	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,533.96	1,194.95
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0110		**480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards** *(26 24 16 00-0002)*		
26 24 16 00-0111	EA	50 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,618.83	306.63
		For NEMA 3R Panelboard, Add	*786.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0112	EA	50 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,799.20	333.69
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0113	EA	50 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,981.61	414.85
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0114	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,621.96	505.04
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0115	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,808.14	559.14
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0116	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,978.49	604.23
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0117	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,165.50	658.34
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0118	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,345.74	712.46
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0119	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,511.24	757.55
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0120	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,688.27	802.64
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0121	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,879.26	856.75
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0122	EA	100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,087.35	924.39
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0123	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,171.72	1,028.10
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0124	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,371.54	1,091.23
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0125	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,515.52	1,118.29
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0126	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,739.46	1,190.44
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0127	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,897.28	1,235.53
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0128	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	6,060.67	1,274.31
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0129 277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0130	EA	100 Amp Rating , 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,836.86	315.65
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0131	EA	100 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,151.12	315.65
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0132	EA	100 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,459.91	419.36
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0133	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,770.38	419.36
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0134	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	3,084.23	518.56
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0135	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,393.72	518.56
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0136	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,706.60	622.27
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0137	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,018.60	622.27
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0138	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,350.00	730.49
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0139	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,644.24	730.49
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0140	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,949.34	735.00
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0141	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	5,267.52	735.00
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0142	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,807.21	1,019.09
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0143	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	6,126.24	1,019.09
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0144	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	6,395.05	1,073.20
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0145	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	6,734.34	1,145.35
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0146	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	7,014.67	1,145.35
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0147	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	7,380.39	1,253.57
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Amp Rating, 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	2,236.89	387.80
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0150	EA	50 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,556.17	387.80
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0151	EA	50 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,867.29	514.06
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0152	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,443.34	514.06
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0153	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,762.83	649.33
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0154	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	4,081.99	649.33
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0155	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	4,394.38	744.02
		For NEMA 3R Panelboard, Add	*786.28*	
26 24 16 00-0156	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,692.02	744.02
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0157	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,001.21	847.73
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0158	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,324.35	847.73
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0159	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,618.77	937.92
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0160	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,921.92	937.92
		For NEMA 3R Panelboard, Add	*864.69*	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0161	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,861.05	1,109.27
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0162	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	8,200.34	1,109.27
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0163	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	8,480.67	1,212.98
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0164	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	8,846.40	1,212.98
		For NEMA 3R Panelboard, Add	*1,021.41*	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0165	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	9,141.93	1,325.72
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0166	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	8,864.68	1,325.72
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0167	EA	400 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	10,922.66	1,476.33
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0168	EA	600 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >400 To 600 Amp Main Breaker, 54 Circuit Capacity	13,321.59	1,772.12
		For NEMA 3R Panelboard, Add	*1,063.08*	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device).

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	489.63
26 24 16 00-0173	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	563.85
26 24 16 00-0174	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	769.88
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*
26 24 16 00-0175	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	889.05
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*
26 24 16 00-0176	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,006.45
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*
26 24 16 00-0177	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,126.53
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*
26 24 16 00-0178	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,223.43
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*
26 24 16 00-0179	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,340.19
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*
26 24 16 00-0180	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,465.29
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*
26 24 16 00-0181	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,562.06
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*
26 24 16 00-0182	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,707.31
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	728.98
26 24 16 00-0185	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	826.76
26 24 16 00-0186	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,326.30
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*
26 24 16 00-0187	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,473.60
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0188	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,612.44	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0189	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,785.97	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0190	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,953.35	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0191	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,104.00	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0193	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	984.93	
26 24 16 00-0194	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,053.49	
26 24 16 00-0195	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,247.73	
26 24 16 00-0196	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,364.54	
26 24 16 00-0197	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,472.98	
26 24 16 00-0198	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,684.57	
26 24 16 00-0199	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,775.34	
26 24 16 00-0200	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,886.43	
26 24 16 00-0201	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,054.93	
26 24 16 00-0202	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,148.19	
26 24 16 00-0203	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,284.64	

26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0205	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,218.62	
26 24 16 00-0206	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,310.26	
26 24 16 00-0207	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,895.65	
26 24 16 00-0208	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,031.64	
26 24 16 00-0209	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,161.99	
26 24 16 00-0210	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,323.73	
26 24 16 00-0211	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,485.44	
26 24 16 00-0212	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,634.68	

26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0215	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	552.24	
26 24 16 00-0216	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	649.83	
26 24 16 00-0217	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	732.20	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0218	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	830.45	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0219	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	956.13	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0220	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,059.20	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0221	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,221.56	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0222	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,316.77	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0223	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,422.11	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0224	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,570.70	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0225	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,732.70	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0226	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,047.35	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	854.38	
26 24 16 00-0229	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	963.88	
26 24 16 00-0230	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,108.81	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0231	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,639.75	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0232	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,776.05	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0233	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,904.39	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0234	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,631.30	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0235	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,787.32	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0236	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,916.57	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,047.54	
26 24 16 00-0239	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,139.47	
26 24 16 00-0240	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,215.71	
26 24 16 00-0241	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,308.29	
26 24 16 00-0242	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,431.61	
26 24 16 00-0243	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,525.73	
26 24 16 00-0244	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,779.60	
26 24 16 00-0245	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,868.67	
26 24 16 00-0246	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,968.35	
26 24 16 00-0247	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,160.34	
26 24 16 00-0248	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,311.49	
26 24 16 00-0249	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,626.14	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0251	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,344.01	
26 24 16 00-0252	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,447.38	
26 24 16 00-0253	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,589.01	
26 24 16 00-0254	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,209.11	
26 24 16 00-0255	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,334.08	
26 24 16 00-0256	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,453.94	
26 24 16 00-0257	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,663.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0258	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,824.52	
26 24 16 00-0259	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,962.07	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	789.07	
26 24 16 00-0263	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	866.85	
26 24 16 00-0264	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,198.35	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0265	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,336.84	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0266	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,456.70	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0267	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,455.90	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0268	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,535.17	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0269	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,668.27	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0270	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,770.62	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0271	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,898.02	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0272	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,073.31	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,612.57	
26 24 16 00-0275	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,663.43	
26 24 16 00-0276	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,806.23	
26 24 16 00-0277	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,904.25	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0278	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,101.34	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0279	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,730.58	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0280	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,852.31	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0281	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,009.66	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0282	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,111.04	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0283	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,277.55	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0284	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,427.92	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,267.39	
26 24 16 00-0287	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,345.17	
26 24 16 00-0288	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,665.35	
26 24 16 00-0289	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,885.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0290	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,996.34	
26 24 16 00-0291	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,995.54	
26 24 16 00-0292	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,060.66	
26 24 16 00-0293	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,173.47	
26 24 16 00-0294	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,323.00	
26 24 16 00-0295	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,438.86	
26 24 16 00-0296	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,589.35	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,192.77	
26 24 16 00-0299	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,243.64	
26 24 16 00-0300	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,277.47	
26 24 16 00-0301	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,371.25	
26 24 16 00-0302	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,650.42	
26 24 16 00-0303	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,270.22	
26 24 16 00-0304	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,377.79	
26 24 16 00-0305	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,514.87	
26 24 16 00-0306	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,616.25	
26 24 16 00-0307	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,769.80	
26 24 16 00-0308	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,918.20	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	821.15	
26 24 16 00-0312	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	899.40	
26 24 16 00-0313	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,041.17	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0314	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,245.55	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0315	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,385.09	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0316	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,504.03	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0317	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,518.27	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0318	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,612.53	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0319	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,744.62	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0320	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,847.12	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0321	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,975.16	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0322	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,151.13	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0324	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,777.67	
26 24 16 00-0325	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,829.01	
26 24 16 00-0326	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	1,982.24	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0327	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,033.19	
26 24 16 00-0328	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,131.60	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0329	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,328.19	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0330	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,996.77	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0331	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,119.96	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0332	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,275.66	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	
26 24 16 00-0333	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,430.01	
		For Door-In-Door (Hinged) Trim Front, Add	*63.18*	
26 24 16 00-0334	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,598.10	
		For Door-In-Door (Hinged) Trim Front, Add	*107.91*	
26 24 16 00-0335	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,748.39	
		For Door-In-Door (Hinged) Trim Front, Add	*137.92*	

26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0337	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,299.47	
26 24 16 00-0338	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,377.72	
26 24 16 00-0339	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,512.41	
26 24 16 00-0340	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,712.55	
26 24 16 00-0341	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,934.16	
26 24 16 00-0342	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,043.67	
26 24 16 00-0343	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,059.32	
26 24 16 00-0344	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,138.02	
26 24 16 00-0345	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,249.82	
26 24 16 00-0346	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,399.50	
26 24 16 00-0347	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,515.75	
26 24 16 00-0348	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,666.24	

26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0350	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,244.66	
26 24 16 00-0351	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,296.00	
26 24 16 00-0352	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,531.31	
26 24 16 00-0353	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,504.43	
26 24 16 00-0354	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,598.59	
26 24 16 00-0355	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,877.26	
26 24 16 00-0356	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,536.41	
26 24 16 00-0357	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,645.45	
26 24 16 00-0358	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,780.86	
26 24 16 00-0359	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,935.21	
26 24 16 00-0360	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,090.10	
26 24 16 00-0361	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,238.02	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,419.11	268.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.03*	
26 24 16 00-0365	EA	400 Amp Rating, 45" Breaker Mounted Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,655.56	268.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.98*	
26 24 16 00-0366	EA	400 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,833.62	268.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.98*	
26 24 16 00-0367	EA	600 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,109.92	440.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*264.36*	
26 24 16 00-0368	EA	600 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,247.73	440.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*264.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0369	EA	600 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,398.96	440.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*264.36*	
26 24 16 00-0370	EA	800 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,606.80	585.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.41*	
26 24 16 00-0371	EA	800 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,739.64	587.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*352.48*	
26 24 16 00-0372	EA	800 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,793.39	585.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.41*	
26 24 16 00-0373	EA	800 Amp Rating, 99" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,230.60	585.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*351.41*	
26 24 16 00-0374	EA	1,200 Amp Rating, 27" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,226.55	881.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*528.73*	
26 24 16 00-0375	EA	1,200 Amp Rating, 45" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,524.12	881.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*528.73*	
26 24 16 00-0376	EA	1,200 Amp Rating, 63" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,767.43	881.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*528.73*	
26 24 16 00-0377	EA	1,200 Amp Rating, 99" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,064.39	881.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*528.73*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,709.15	274.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.42*	
26 24 16 00-0380	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,549.87	310.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*186.51*	
26 24 16 00-0381	EA	400 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,721.83	310.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*186.51*	
26 24 16 00-0382	EA	400 Amp Rating, 81" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,227.95	310.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*186.51*	
26 24 16 00-0383	EA	600 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,528.46	509.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.74*	
26 24 16 00-0384	EA	600 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,812.89	510.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*306.55*	
26 24 16 00-0385	EA	600 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,046.77	509.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*305.74*	
26 24 16 00-0386	EA	800 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,995.00	681.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*408.73*	
26 24 16 00-0387	EA	800 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,331.06	678.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*407.29*	
26 24 16 00-0388	EA	800 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,666.44	678.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*407.29*	

26 24 16 00-0389 Branch Circuit Breakers *(26 24 16 00-0001)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 24 16 00-0390 Branch Circuit Breakers 10,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0391	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	42.02	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0392	EA	1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	42.02	16.23
		For Bolt-On, Add	*11.56*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0393	EA	1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	58.82	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0394	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	80.61	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0395	EA	1 Pole GFI, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	107.60	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0396	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	122.98	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0397	EA	1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	65.75	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0398	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	67.84	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0399	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	67.84	24.35
		For Bolt-On, Add	*17.95*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0400	EA	2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	99.60	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0401	EA	2 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	156.54	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0402	EA	2 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	182.48	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.76*	
26 24 16 00-0403	EA	2 Pole GFI, 120/240 Volt, 15-50 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	149.22	28.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.48*	
26 24 16 00-0404	EA	2 Pole, GFI, 120/240 Volt, 15-50 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	193.36	28.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.48*	
26 24 16 00-0405	EA	3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	120.19	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0406	EA	3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	120.19	32.47
		For Bolt-On, Add	*27.65*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0407	EA	3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	156.28	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0408	EA	3 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	228.29	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0409	EA	3 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	287.86	56.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.88*	

26 24 16 00-0410 Branch Circuit Breakers 14,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0411	EA	1 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	56.00	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0412	EA	1 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	56.00	16.23
		For Bolt-On, Add	*13.31*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0413	EA	1 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	94.56	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0414	EA	1 Pole GFI, 277/480 Volt, 15-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	138.13	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0415	EA	2 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	104.64	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0416	EA	2 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	104.64	24.35
		For Bolt-On, Add	*22.55*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0417	EA	2 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	196.31	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0418	EA	2 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	265.15	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0419	EA	2 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	380.15	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.76*	
26 24 16 00-0420	EA	3 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	162.90	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0421	EA	3 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	162.90	32.47
		For Bolt-On, Add	*32.99*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0422	EA	3 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	238.59	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0423	EA	3 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	333.72	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0424	EA	3 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	505.02	56.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.88*	
26 24 16 00-0425	EA	3 Pole, 277/480 Volt, 175 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	579.84	60.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 24 16 00-0426	EA	3 Pole, 277/480 Volt, 200 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	622.64	64.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.29*	
26 24 16 00-0427	EA	3 Pole, 277/480 Volt, 225 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	731.83	68.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.00*	

26 24 16 00-0428 Branch Circuit Breakers 18,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0429	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	65.19	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0430	EA	1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	65.19	16.23
		For Bolt-On, Add	*14.46*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0431	EA	1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	103.63	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0432	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	128.59	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0433	EA	2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	128.59	24.35
		For Bolt-On, Add	*25.54*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0434	EA	2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	219.28	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0435	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	535.86	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0436	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	202.42	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0437	EA	3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	202.42	32.47
		For Bolt-On, Add	*37.93*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0438	EA	3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	267.35	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0439	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	662.39	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	

26 24 16 00-0440 Branch Circuit Breakers 22,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0441	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	72.99	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0442	EA	1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	72.99	16.23
		For Bolt-On, Add	*15.44*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0443	EA	1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	86.75	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0444	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	137.08	19.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.99*	
26 24 16 00-0445	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	148.95	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0446	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	148.95	24.35
		For Bolt-On, Add	*28.09*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0447	EA	2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	182.40	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0448	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	259.20	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0449	EA	2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	330.54	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.76*	
26 24 16 00-0450	EA	2 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	410.90	52.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 24 16 00-0451	EA	2 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	445.70	60.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 24 16 00-0452	EA	3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	182.74	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0453	EA	3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	182.74	32.47
		For Bolt-On, Add	*35.47*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0454	EA	3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	215.85	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0455	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	320.25	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0456	EA	3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	419.73	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	
26 24 16 00-0457	EA	3 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	515.77	73.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 24 16 00-0458	EA	3 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	548.16	77.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.41*	

26 24 16 00-0459 Branch Circuit Breakers 25,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0460	EA	2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	154.03	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0461	EA	2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	154.03	24.35
		For Bolt-On, Add	*28.72*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0462	EA	2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	231.56	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0463	EA	2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	369.06	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0464	EA	2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	567.63	50.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.82*	
26 24 16 00-0465	EA	2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	640.66	52.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 24 16 00-0466	EA	2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	701.91	60.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 24 16 00-0467	EA	3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	219.89	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0468	EA	3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	219.89	32.47
		For Bolt-On, Add	*40.11*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0469	EA	3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	276.81	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0470	EA	3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	458.07	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0471	EA	3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	664.67	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	
26 24 16 00-0472	EA	3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	784.39	73.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 24 16 00-0473	EA	3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	847.52	77.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.41*	

26 24 16 00-0474 Branch Circuit Breakers 30,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0475	EA	2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	159.09	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0476	EA	2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	159.09	24.35
		For Bolt-On, Add	*29.36*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0477	EA	2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	278.21	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0478	EA	2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	498.43	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0479	EA	2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	781.47	50.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.82*	
26 24 16 00-0480	EA	2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	886.60	52.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 24 16 00-0481	EA	2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	967.31	60.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 24 16 00-0482	EA	3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	254.89	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0483	EA	3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	254.89	32.47
		For Bolt-On, Add	*44.49*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0484	EA	3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	337.47	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0485	EA	3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	605.88	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0486	EA	3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	766.28	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	
26 24 16 00-0487	EA	3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,206.65	73.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.70*	
26 24 16 00-0488	EA	3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,284.73	77.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.41*	

26 24 16 00-0489 Branch Circuit Breakers 35,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0490	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	85.73	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0491	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	85.73	16.23
		For Bolt-On, Add	*17.03*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0492	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	143.79	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0493	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	179.78	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0494	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	179.78	24.35
		For Bolt-On, Add	*31.94*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0495	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	321.04	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0496	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	583.97	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0497	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,119.32	50.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0498	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	292.23	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0499	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	292.23	32.47
		For Bolt-On, Add	*49.16*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0500	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	389.35	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0501	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	718.64	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0502	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,391.59	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	

26 24 16 00-0503 Branch Circuit Breakers 42,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0504	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	121.61	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0505	EA	1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	121.61	16.23
		For Bolt-On, Add	*21.51*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0506	EA	1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	181.95	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 24 16 00-0507	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	221.29	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0508	EA	2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	221.29	24.35
		For Bolt-On, Add	*37.13*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0509	EA	2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	410.41	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0510	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	735.60	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0511	EA	2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,448.34	45.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.76*	
26 24 16 00-0512	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	375.41	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0513	EA	3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	375.41	32.47
		For Bolt-On, Add	*59.55*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0514	EA	3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	517.87	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0515	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	831.39	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0516	EA	3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,831.07	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	

26 24 16 00-0517 Branch Circuit Breakers 65,000 Amp Interrupting Capacity, Plug-On *(26 24 16 00-0389)*

Note: Includes connection of electrical wire.

26 24 16 00-0518	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	59.67	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0519	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	120.62	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0520	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	188.01	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0521	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	115.46	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0522	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	115.46	16.23
		For Bolt-On, Add	*20.74*	
		For Installation In New Panelboard, Deduct	*-9.02*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0523	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	230.00	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0524	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	255.49	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0525	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	255.49	24.35
		For Bolt-On, Add	*41.41*	
		For Installation In New Panelboard, Deduct	*-13.53*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0526	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	487.47	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0527	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	821.13	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0528	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	1,790.89	50.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.82*	
26 24 16 00-0529	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	424.33	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0530	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	424.33	32.47
		For Bolt-On, Add	*65.67*	
		For Installation In New Panelboard, Deduct	*-18.04*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0531	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	588.89	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0532	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	893.60	48.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.47*	
26 24 16 00-0533	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,226.83	63.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.94*	

26 24 16 00-0534 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

26 24 16 00-0535 Residential Type Unassembled Load Center *(26 24 16 00-0534)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0536 Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase *(26 24 16 00-0535)*

26 24 16 00-0537	EA	30 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	120.02	45.09
26 24 16 00-0538	EA	70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	405.07	180.37
26 24 16 00-0539	EA	100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	610.89	257.48
26 24 16 00-0540	EA	125 Amp, 24 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,304.98	541.19
26 24 16 00-0541	EA	150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,426.65	586.20

26 24 16 00-0542 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC *(26 24 16 00-0535)*

Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.

26 24 16 00-0543	EA	60 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	165.99	49.60
26 24 16 00-0544	EA	125 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	294.09	54.11

26 24 16 00-0545 Main Lug Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof *(26 24 16 00-0535)*

26 24 16 00-0546	EA	40 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	168.72	49.60
26 24 16 00-0547	EA	70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	188.08	54.11
26 24 16 00-0548	EA	100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	665.56	257.48
26 24 16 00-0549	EA	150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	1,509.83	586.20

26 24 16 00-0550 Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC *(26 24 16 00-0535)*

Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.

26 24 16 00-0551	EA	60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	207.58	49.60
26 24 16 00-0552	EA	125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	1,457.21	541.19

26 24 16 00-0553 Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase *(26 24 16 00-0535)*

26 24 16 00-0554	EA	125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,564.05	541.19
26 24 16 00-0555	EA	150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,697.60	586.20
26 24 16 00-0556	EA	300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	5,861.58	901.84

26 24 16 00-0557 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC *(26 24 16 00-0535)*

Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V Delta.

26 24 16 00-0558	EA	125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	2,254.26	541.19
26 24 16 00-0559	EA	150 Amp, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	2,458.53	586.20
26 24 16 00-0560	EA	300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	6,442.34	901.84

26 24 16 00-0561 Main Breaker Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof *(26 24 16 00-0535)*

26 24 16 00-0562	EA	125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	1,641.29	541.19
26 24 16 00-0563	EA	150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	1,829.51	586.20

26 24 16 00-0564 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC *(26 24 16 00-0535)*

Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.

26 24 16 00-0565	EA	125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	2,382.37	541.19
26 24 16 00-0566	EA	155 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	2,472.43	586.20

26 24 16 00-0567 Residential Type Assembled Load Center *(26 24 16 00-0534)*

26 24 16 00-0568 Main Lug Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase *(26 24 16 00-0567)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0569	EA	100 Amp Main Lugs, Indoor 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	611.25	257.48
26 24 16 00-0570	EA	100 Amp Main Lugs, Indoor 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	742.97	300.77

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0571	EA	100 Amp Main Lugs, Rainproof, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	624.32	257.48
26 24 16 00-0572	EA	100 Amp Main Lugs, Rainproof, 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	746.53	300.77
26 24 16 00-0573	EA	200 Amp Main Lugs, Indoor, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,079.86	400.87
26 24 16 00-0574	EA	200 Amp Main Lugs, Indoor, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,274.83	481.14
26 24 16 00-0575	EA	200 Amp Main Lugs, Indoor, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,458.30	555.08
26 24 16 00-0576	EA	200 Amp Main Lugs, Indoor, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,605.87	600.90
26 24 16 00-0577	EA	200 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,403.83	901.84
26 24 16 00-0578	EA	200 Amp Main Lugs, Rainproof, 16 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,126.21	400.87
26 24 16 00-0579	EA	200 Amp Main Lugs, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,318.80	481.14
26 24 16 00-0580	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,502.27	555.08
26 24 16 00-0581	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,647.47	600.90
26 24 16 00-0582	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,540.49	901.84
26 24 16 00-0583	EA	400 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,948.87	1,002.04
26 24 16 00-0584	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	3,091.48	1,002.04

26 24 16 00-0585 Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V *(26 24 16 00-0567)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0586	EA	125 Amp Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	809.52	300.77
26 24 16 00-0587	EA	125 Amp Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,207.26	450.93
26 24 16 00-0588	EA	125 Amp Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	848.74	300.77
26 24 16 00-0589	EA	125 Amp Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,242.91	450.93
26 24 16 00-0590	EA	200 Amp Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,526.04	555.08
26 24 16 00-0591	EA	200 Amp Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,665.93	601.26
26 24 16 00-0592	EA	200 Amp Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,037.62	721.74
26 24 16 00-0593	EA	200 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,451.36	901.84
26 24 16 00-0594	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,567.63	555.08
26 24 16 00-0595	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,712.83	600.90
26 24 16 00-0596	EA	200 Amp Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,197.13	721.20
26 24 16 00-0597	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,611.80	901.84
26 24 16 00-0598	EA	400 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,984.52	1,002.04
26 24 16 00-0599	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,127.13	1,002.04

26 24 16 00-0600 Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase *(26 24 16 00-0567)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0601	EA	125 Amp Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	804.77	300.77
26 24 16 00-0602	EA	125 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,190.62	450.93
26 24 16 00-0603	EA	200 Amp Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,372.28	481.14
26 24 16 00-0604	EA	200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,574.11	555.35
26 24 16 00-0605	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,731.29	601.26
26 24 16 00-0606	EA	200 Amp Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,292.84	801.74
26 24 16 00-0607	EA	200 Amp Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,384.16	481.14
26 24 16 00-0608	EA	200 Amp Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,597.34	555.08
26 24 16 00-0609	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,736.60	600.90
26 24 16 00-0610	EA	200 Amp Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,227.48	801.74
26 24 16 00-0611	EA	400 Amp Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	4,172.92	1,002.04
26 24 16 00-0612	EA	400 Amp Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	4,410.60	1,002.04

26 24 16 00-0613 Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V *(26 24 16 00-0567)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0614	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,064.04	601.26
26 24 16 00-0615	EA	200 Amp Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,831.65	901.84
26 24 16 00-0616	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,134.71	600.90
26 24 16 00-0617	EA	200 Amp Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,902.95	901.84

26 24 16 00-0618 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

26 24 16 00-0619 Midget Finger-Safe Fuse Holders *(26 24 16 00-0618)*

Note: 30 Amp capacity. Excludes fuse.

26 24 16 00-0620	EA	1 Pole Midget Finger-Safe Fuse Holder	51.12	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0621	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	58.25	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0622	EA	2 Pole Midget Finger-Safe Fuse Holder	81.22	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0623	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	99.82	24.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.23*	
26 24 16 00-0624	EA	3 Pole Midget Finger-Safe Fuse Holder	117.08	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0625	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	141.79	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0626	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	162.47	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0627	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	135.06	32.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.65*	
26 24 16 00-0628	EA	4 Pole Midget Finger-Safe Fuse Holder	147.25	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0629	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	174.39	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.06*	
26 24 16 00-0630	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	58.27	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0631	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	62.06	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 24 16 00-0632	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	58.97	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	

26 24 16 00-0633 Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*

Note: Includes storage, cleaning and supply materials.

26 24 16 00-0634	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,132.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*338.19*	
26 24 16 00-0635	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	60.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.59*	
26 24 16 00-0636	EA	Panelboard Filler Plate, Fits 1" Opening	4.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.85*	

26 24 19 Motor-Control Centers *(26 24)*

26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	1,922.70	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,278.47	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	3,395.45	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	6,162.59	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	12,423.27	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	20,906.76	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	1,922.70	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,278.47	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	3,395.45	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	6,162.59	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	12,423.27	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	20,906.76	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,790.57	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	3,721.85	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	5,338.96	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	9,347.23	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	18,408.26	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	31,729.39	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	2,790.57	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	3,721.85	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	5,338.96	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	9,347.23	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	18,408.26	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	31,729.39	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	3,391.46	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	4,669.31	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	6,881.21	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	12,308.01	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	20,399.05	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	3,391.46	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	4,669.31	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	6,881.21	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	12,308.01	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	20,399.05	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	3,925.06	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,845.56	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	8,005.09	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	15,045.38	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	26,073.83	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	3,925.06	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,845.56	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	8,005.09	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	15,045.38	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	26,073.83	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	5,808.79	86.57
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	8,897.75	94.81
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	15,003.09	107.18
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	23,212.80	123.67
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	39,716.73	164.90
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	5,808.79	86.57
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	8,897.75	94.81
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	15,003.09	107.18
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	23,212.80	123.67
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	39,716.73	164.90
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	3,959.62	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	5,116.95	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	9,007.53	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	15,360.93	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	21,104.66	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0072		480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	3,959.62	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	5,116.95	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	9,007.53	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	15,360.93	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	21,104.66	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	
26 24 19 00-0078		230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	16,406.02	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	17,402.41	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	19,216.15	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	29,100.92	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	39,690.70	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	53,864.90	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	
26 24 19 00-0085		480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	16,406.02	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	17,402.41	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	19,216.15	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	29,100.92	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	39,690.70	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	53,864.90	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	
26 24 19 00-0092		Combination Starters With Current Limiting Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	2,575.44	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	2,931.21	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	4,537.29	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	8,367.20	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	14,986.42	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	24,431.56	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0100		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	2,575.44	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	2,931.21	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	4,537.29	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	8,367.20	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	14,986.42	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	24,431.56	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,437.80	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	4,361.72	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	6,455.06	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	11,522.42	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	20,919.93	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,437.80	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	4,361.72	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	6,455.06	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	11,522.42	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	20,919.93	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,027.65	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	5,296.31	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	7,978.92	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	14,457.46	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	22,890.50	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	4,027.65	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	5,296.31	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	7,978.92	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	14,457.46	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	22,890.50	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,643.70	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,552.20	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	9,196.21	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	17,276.26	160.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	28,647.56	189.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.78*	

26 24 19 00-0137 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 2-speed non-reversing, 1 wind.

26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	4,643.70	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,552.20	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	9,196.21	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	17,276.26	160.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*96.46*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	28,647.56	189.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.78*	

26 24 19 00-0143 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, auto-transformer.

26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	6,426.59	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	10,354.00	94.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.89*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	17,505.57	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	26,524.31	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	43,646.05	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0149 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, auto-transformer.

26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	6,426.59	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	10,354.00	94.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.89*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	17,505.57	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	26,524.31	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	43,646.05	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0155 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, part winding.

26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	4,595.81	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	5,740.27	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	10,097.89	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	17,894.67	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	26,403.81	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0161 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, part winding.

26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	4,595.81	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	5,740.27	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	10,097.89	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	17,894.67	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	26,403.81	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0167 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	16,933.73	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	17,924.60	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	19,719.96	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	29,518.31	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	40,014.31	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	56,084.22	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	16,933.77	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.32*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	17,924.60	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	19,719.96	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	29,518.31	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	40,014.31	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	56,084.22	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,709.41	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,361.21	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,987.51	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,039.65	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	11,434.04	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	20,401.12	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,709.41	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,361.21	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,987.51	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	7,039.65	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	11,434.04	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	20,401.12	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed reversing.

26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	2,766.67	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	4,126.37	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	6,607.67	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	10,774.06	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	16,580.58	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	28,189.88	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0203		480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	2,766.67	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	4,126.37	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	6,607.67	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	10,774.06	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	16,580.58	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	28,189.88	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0210		230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,237.01	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,456.02	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	7,019.11	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	12,547.04	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	19,996.38	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0216		480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,237.01	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,456.02	140.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.10*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	7,019.11	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.04*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	12,547.04	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	19,996.38	197.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.73*	
26 24 19 00-0222		230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	3,700.73	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	5,646.98	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	8,133.80	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	16,402.35	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0227		480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	3,700.73	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	5,646.98	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	8,133.80	90.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.42*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	16,402.35	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0232		230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	5,608.37	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	9,907.20	94.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.89*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	16,510.83	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	22,047.06	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	37,043.25	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0238		480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	5,608.37	86.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*51.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	9,907.20	94.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.89*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	16,510.83	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	22,047.06	123.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.21*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	37,043.25	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	

26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	3,983.52	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,275.07	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	8,404.44	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	16,763.86	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	

26 24 19 00-0249 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	3,983.52	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	5,275.07	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	8,404.44	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	16,763.86	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	

26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,404.18	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	17,402.41	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,216.15	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	29,100.92	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	39,690.70	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	53,864.90	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,404.18	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.31*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	17,402.41	131.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.15*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,216.15	152.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.52*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	29,100.92	169.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.41*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	39,690.70	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	53,864.90	263.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.31*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Control Circuit Transformer 60 Hertz, Size 1, 2, 50 VA Standard	96.55
26 24 19 00-0271	EA	Control Circuit Transformer 60 Hertz, Size 3, 4, 150 VA Standard	286.84
26 24 19 00-0272	EA	Control Circuit Transformer 60 Hertz, Size 5, 6, 50 VA	410.03
26 24 19 00-0273	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 50 VA	102.97
26 24 19 00-0274	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 100 VA	145.26
26 24 19 00-0275	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 150 VA	244.55
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	60.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	51.48	
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	61.88	
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	76.51	
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	149.64	
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	76.51	
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	87.76	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	105.76	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	124.89	
26 24 19 00-0285	EA	Blank Devices Panel	23.63	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	37.13	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	334.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	303.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	438.80	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	37.13	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	52.88	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	37.13	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	52.88	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	52.88	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	76.51	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	190.15	
26 24 19 00-0297	EA	Heater Module	40.85	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	253.75	
26 24 19 00-0299	EA	JAM - Jam Protection Module	290.89	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	552.07	
26 24 19 00-0301	EA	ULM - Underload Module	264.89	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	58.18	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	108.93	
26 24 19 00-0304	EA	Type SIS Control Wire	45.80	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	58.18	
26 24 19 00-0306	EA	Ring Terminals Power	58.18	
26 24 19 00-0307	EA	14 Gauge Control Wire	45.80	
26 24 19 00-0308	EA	Wiremakers	58.18	
26 24 19 00-0309	EA	Wiring Diagram On Door	34.66	
26 24 19 00-0310	EA	Special Color Or Type Control Wire	42.09	
26 24 19 00-0311	EA	Current Transformer 12.5 VA	330.50	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	1,055.86	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	1,188.30	

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	Control Relays, 600 Volt, 2 Pole	289.15	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.42*	
26 24 19 00-0316	EA	Control Relays, 600 Volt, 4 Pole	345.62	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.37*	
26 24 19 00-0317	EA	Control Relays, 600 Volt, 6 Pole	410.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.79*	
26 24 19 00-0318	EA	Control Relays, 600 Volt, 8 Pole	459.53	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.73*	
26 24 19 00-0319	EA	Control Relays, Pneumatic Timer	373.45	
26 24 19 00-0320	EA	Control Relays, Motor Driven Timer	973.15	
26 24 19 00-0321	EA	Control Relays, 7 Day Time Switch	1,224.85	
26 24 19 00-0322	EA	Control Relays, 24 Hour Time Switch	343.47	
26 24 19 00-0323	EA	Control Relays, Phase Voltage	584.26	
26 24 19 00-0324	EA	Control Relays, Two Circuit Alternator	817.78	
26 24 19 00-0325	EA	Control Relays, Manual 120 Volt	79.96	
26 24 19 00-0326	EA	Control Relays, Over-Current Relay	2,361.76	
26 24 19 00-0327	EA	Control Relays, UV-Relay	2,000.31	
26 24 19 00-0328	EA	Control Relays, Over-Current Relay	2,000.31	
26 24 19 00-0329	EA	Control Relays, Teleductor	602.43	
26 24 19 00-0330	EA	Control Relays, Current Transducer	1,620.11	
26 24 19 00-0331	EA	Control Relays, Watt Transducer	3,240.21	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	109.95	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	164.46	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	185.36	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	206.26	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	185.36	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	206.26	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	217.17	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0340	EA	Circuit Breaker, Shunt Trip	231.82	
26 24 19 00-0341	EA	Circuit Breaker, Auxiliary Switch	80.07	
26 24 19 00-0342	EA	Circuit Breaker, Key Interlock	288.00	
26 24 19 00-0343	EA	Circuit Breaker, GFR Ground Fault	1,327.62	
26 24 19 00-0344	EA	Circuit Breaker, Seltronic Breaker	769.07	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,015.78	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	1,757.09	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	1,688.03	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	2,427.93	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	3,112.92	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	1,936.80	107.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.32*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	3,127.97	115.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.27*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	4,125.01	148.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.00*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	4,865.03	226.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.08*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	6,895.10	342.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.46*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	15,043.36	453.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*271.85*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	22,452.20	568.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.01*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	37,388.66	659.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*396.09*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,218.16	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	1,953.81	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,218.16	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	1,953.81	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	2,063.08	53.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.15*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	2,827.04	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	3,503.54	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	1,856.16	82.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	4,706.52	226.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.08*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	4,706.52	226.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.08*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	6,325.42	247.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.34*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	7,893.88	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.07*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	9,085.95	342.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.46*	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps	1,038.80	82.44
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	1,582.20	82.44
26 24 19 00-0375	EA	Incoming Line And Feeder Fusible Switches, 100 Amps	1,760.09	103.06
26 24 19 00-0376	EA	Incoming Line And Feeder Fusible Switches, 200 Amps	2,850.09	123.67
26 24 19 00-0377	EA	Incoming Line And Feeder Fusible Switches, 400 Amps	5,593.78	156.65
26 24 19 00-0378	EA	Incoming Line And Feeder Fusible Switches, 600 Amps	7,842.45	206.12
26 24 19 00-0379	EA	Incoming Line And Feeder Fusible Switches, 800 Amps	19,011.49	276.20
26 24 19 00-0380	EA	Incoming Line And Feeder Fusible Switches, 1,200 Amps	21,469.57	383.39

26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	965.22
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	996.36
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,028.91
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,180.34
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	1,279.41
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	1,328.18
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	1,740.79
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	1,961.58
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	4,560.03
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	2,420.13
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	3,352.79
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	5,225.21
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	4,838.84
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	6,705.59
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	6,350.01
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	8,795.93

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	362.29
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	792.09
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	326.29
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	792.09
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	439.93
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	466.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0405	EA	Add For Additional Circuits	68.08	
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	1,633.69	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	1,711.32	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	1,508.80	
26 24 19 00-0409	EA	Add For Demand Attachment	445.61	
26 24 19 00-0410	EA	Metering Equipment, Current Transformer, 800 Amp	451.18	
26 24 19 00-0411	EA	Metering Equipment, Current Transformer, 1,000 Amp	778.59	
26 24 19 00-0412	EA	Metering Equipment, Current Transformer, 2,000 Amp	906.86	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	756.09	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	813.47	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	622.20	
26 24 19 00-0416		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0417	EA	Current Limiting Reactors, 600 Amps	17,468.77	
26 24 19 00-0418	EA	Current Limiting Reactors, 800 Amps	25,439.62	
26 24 19 00-0419	EA	Current Limiting Reactors, 1,000 Amps	33,428.86	
26 24 19 00-0420	EA	Current Limiting Reactors, 1,200 Amps	50,884.90	
26 24 19 00-0421		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	399.00	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	399.00	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	551.61	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,009.45	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	551.61	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	704.22	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	704.22	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,007.61	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	704.22	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,007.61	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	856.84	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	2,778.29	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	856.84	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,007.61	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	2,778.29	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	2,778.29	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	915.00	
26 24 19 00-0439	EA	Throat And Transition To Substation	1,766.40	
26 24 19 00-0440	EA	Service Entrance Label	382.54	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	799.60	
26 24 19 00-0442	EA	600 Ampere Sub Feed Lugs On Main Bus	295.84	
26 24 19 00-0443		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	252.60	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	252.60	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	781.43	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	881.38	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	75.42	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	203.54	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	42.71	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	183.55	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	360.20	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	183.55	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	232.71	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	3,319.83	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	3,837.24	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	3,840.95	
26 24 19 00-0458		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amps	494.67	247.34
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amps	742.00	371.02
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amps	824.48	412.24
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amps	989.46	494.69
26 24 19 00-0463	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 600 Amps	82.44	41.23
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amps	494.67	247.34
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amps	742.00	371.02
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amps	824.48	412.24
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amps	989.46	494.69
26 24 19 00-0468	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 800 Amps	82.44	41.23
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amps	577.15	288.57
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amps	742.00	371.02
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amps	989.46	494.69
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amps	1,154.13	577.05
26 24 19 00-0473	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,200 Amps	123.67	61.84
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amps	659.59	329.79
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amps	907.00	453.46
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amps	1,154.13	577.05
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amps	1,318.94	659.50
26 24 19 00-0478	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,600 Amps	164.90	82.44
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amps	659.59	329.79
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amps	989.46	494.69
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amps	1,236.59	618.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amps	1,401.71	700.90
26 24 19 00-0483	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 2,000 Amps	164.90	82.44
26 24 19 00-0484		Motor Control Centers *(26 24 19)*		
26 24 19 00-0485		2.4 KV Motor Control Centers *(26 24 19 00-0484)*		
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	13,765.89	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	13,765.89	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	13,765.89	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	13,807.14	185.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.31*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	14,661.90	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	14,703.11	226.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.04*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	14,744.33	247.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.40*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	14,826.81	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.15*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	14,909.25	329.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.88*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	25,132.42	371.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.60*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	26,973.51	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	20,435.45	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	21,288.55	177.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.36*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	24,186.25	193.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*116.25*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	26,922.85	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	29,289.82	239.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.47*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	32,092.18	255.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*153.36*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	34,892.86	272.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.24*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	38,214.71	296.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.09*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	44,471.95	329.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.88*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	48,183.29	350.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.26*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	73,601.28	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	78,417.25	453.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.10*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	82,608.61	494.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*296.84*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	89,952.40	536.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.60*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	19,280.03	164.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.94*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	19,321.28	185.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.31*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	19,362.48	206.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.67*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	19,403.69	226.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.04*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	19,448.19	247.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.40*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	19,489.45	267.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.78*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	19,530.67	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.15*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	19,695.52	371.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.60*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	33,588.83	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	33,671.35	453.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.10*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	35,502.56	494.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*296.84*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	7,577.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	7,807.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	11,957.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0525		4.8 KV Motor Control Centers *(26 24 19 00-0484)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	14,974.43	247.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.40*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	15,015.69	267.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.78*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	15,056.91	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.15*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	15,098.15	309.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.52*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	15,944.69	329.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.88*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	15,985.96	350.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.26*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	16,027.10	371.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.60*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	16,068.40	391.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.99*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	16,109.58	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	27,311.43	536.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.60*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	27,393.55	577.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.24*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	29,226.40	618.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*370.98*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	29,308.75	659.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*395.68*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	20,833.72	247.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.40*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	21,105.07	267.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.78*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	24,614.20	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.15*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	27,359.10	309.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.52*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	29,701.28	329.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.88*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	32,511.95	350.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.26*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	35,149.91	371.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.60*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	38,634.47	391.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.99*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	44,756.82	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	48,916.82	432.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.72*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	53,118.05	474.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.46*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	56,592.71	494.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*296.84*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	59,870.02	515.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*309.18*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	64,455.87	536.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*321.60*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	102,192.39	659.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*395.68*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	113,648.59	700.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*420.51*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	136,617.44	742.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*445.20*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	144,514.74	742.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*445.20*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	20,567.76	288.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.15*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	20,609.00	309.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.52*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	20,650.20	329.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.88*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	20,691.47	350.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.26*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	22,464.92	371.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.60*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	22,506.22	391.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.99*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	22,547.40	412.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*247.34*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	22,588.64	432.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.72*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	22,629.92	453.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*272.10*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	22,877.05	577.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*346.24*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	37,000.44	618.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*370.98*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	38,824.96	659.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*395.68*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	38,824.96	659.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*395.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	8,457.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	8,714.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	13,357.62	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.47*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amp	10,994.29	164.90
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amp	13,201.97	247.34
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	4,341.19	
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	165.94	12.37
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,257.68	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	674.81	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,009.71	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	128.71	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	426.58	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	128.71	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	389.81	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,037.03	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,037.03	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	3,101.90	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,138.42	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	414.55	12.37
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	2,991.27	41.23
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	5,726.51	20.61
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,283.04	20.61
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	2,739.27	12.37
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	3,957.00	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	364.12	41.23
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	268.71	41.23

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amp, 14,000 Amp IC, 3-Pole, With Structure Included	995.89	247.11
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amp, 22,000 Amp IC, 3-Pole, With Structure Included	1,725.90	437.40
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	2,051.38	560.04
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	3,300.92	901.84
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	3,894.78	992.03
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	5,079.32	1,100.25
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 45,000 Amp IC, 3-Pole, With Structure Included	5,908.62	1,289.64
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 100,000 Amp IC, 3-Pole, With Structure Included	10,439.15	1,502.48

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amp Incoming Section, Main Lugs	761.52	315.65
26 24 19 00-0608	EA	800 Amp Incoming Section, Main Lugs	825.37	315.65
26 24 19 00-0609	EA	1,200 Amp Incoming Section, Main Lugs	1,149.15	496.02
26 24 19 00-0610	EA	2,000 Amp Incoming Section, Main Lugs	2,914.31	901.84
26 24 19 00-0611	EA	3,000 Amp Incoming Section, Main Lugs	4,445.94	1,307.68
26 24 19 00-0612	EA	4,000 Amp Incoming Section, Main Lugs	6,372.80	1,803.69

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 Amp, Main Circuit Breaker Section	5,570.88	436.41
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 Amp, Main Circuit Breaker Section	11,924.98	560.58
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 Amp, Main Circuit Breaker Section	12,302.68	873.17
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 Amp, Main Circuit Breaker Section	17,580.05	873.17
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0618	EA	1,200 Amp, Main Circuit Breaker Section	25,519.99	987.97
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amp, Fusible Main Disconnect Section	4,821.50	436.95
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	400 Amp, Fusible Main Disconnect Section	6,668.71	560.85
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	600 Amp, Fusible Main Disconnect Section	13,088.32	873.89
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 Amp, Fusible Main Disconnect Section	15,253.19	873.89
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0624	EA	1,200 Amp, Fusible Main Disconnect Section	21,547.90	988.87
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	838.57	183.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.38*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	977.65	183.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.62*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,423.90	259.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.49*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	2,336.82	341.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*204.97*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	4,228.24	427.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*256.21*	

26 24 19 00-0632 Class I, Type B *(26 24 19 00-0625)*

26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	796.88	159.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.19*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	930.78	159.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.56*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,368.07	230.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.74*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,279.88	312.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.88*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	4,182.32	399.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*242.43*	

26 24 19 00-0638 Class I, Type C *(26 24 19 00-0625)*

26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	844.56	147.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.69*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	986.32	147.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.94*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,469.02	220.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.62*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,385.96	305.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.30*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	4,282.04	392.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.86*	

26 24 19 00-0644 Class II, Type B *(26 24 19 00-0625)*

26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	833.86	219.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.88*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,161.99	219.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	1,652.99	292.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.78*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	2,716.67	374.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*225.46*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	4,939.13	457.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*274.95*	

26 24 19 00-0650 Class II, Type C *(26 24 19 00-0625)*

26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,051.19	207.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.66*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,208.91	207.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*129.58*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	1,758.62	283.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.52*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	2,816.12	365.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.90*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	5,051.25	450.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*271.64*	

26 24 19 00-0656 Fused Disconnect Combination Starter *(26 24 19 00-0484)*

26 24 19 00-0657 Class I, Type A *(26 24 19 00-0656)*

26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	763.74	168.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.56*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,154.75	230.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.32*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	1,843.70	300.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.37*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	2,520.74	421.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*253.33*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	4,441.83	536.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*322.09*	

26 24 19 00-0663 Class I, Type B *(26 24 19 00-0656)*

26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	780.58	150.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.19*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,050.75	206.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.88*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,558.40	275.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.78*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	2,614.82	398.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.85*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	4,523.57	506.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*304.68*	

26 24 19 00-0669 Class I, Type C *(26 24 19 00-0656)*

26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	828.46	140.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*84.44*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,113.16	191.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.62*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	1,697.96	266.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*161.04*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	2,753.54	392.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.86*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	4,276.66	501.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.62*	

26 24 19 00-0675 Class II, Type B *(26 24 19 00-0656)*

26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	981.86	211.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.66*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,269.67	263.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*157.67*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	1,846.39	339.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.12*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,018.03	457.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*274.95*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	5,202.72	570.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.61*	

26 24 19 00-0681 Class II, Type C *(26 24 19 00-0656)*

26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,022.21	198.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.66*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,331.76	248.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.31*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	1,964.40	323.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.36*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	3,143.40	446.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.41*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	5,324.60	552.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0687		**Space Complete With Bus And Hardware** *(26 24 19 00-0484)*		
26 24 19 00-0688		**Circuit Breaker Type** *(26 24 19 00-0687)*		
26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	234.49	61.33
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	234.49	61.33
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	348.77	89.28
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	411.81	117.24
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	694.87	178.57
26 24 19 00-0694		**Fused Disconnect Type** *(26 24 19 00-0687)*		
26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	234.49	61.33
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	309.36	89.28
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	431.09	117.24
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	748.69	178.57
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,041.64	259.73
26 24 19 00-0700		**Blank Space For Future Expansion** *(26 24 19 00-0687)*		
		Note: Factory modified no labor costs.		
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	112.29	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	112.29	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	170.25	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	170.25	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	338.69	
26 24 19 00-0706		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0687)*		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	2,774.78	474.65
26 24 19 00-0708		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0484)*		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	4,566.33	1,236.07
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25"-35" Wide Basic Section (No Vertical Wireway)	4,566.33	1,236.07
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	5,059.79	1,236.07
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712	EA	Corner Section	5,059.79	1,236.07
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0713		**Motor Control Center Starters With HMCP Circuit Breaker** *(26 24 19 00-0484)*		
		Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714		**FVNR Starters With HMCP Circuit Breaker** *(26 24 19 00-0713)*		
26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,205.81	173.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.15*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,342.23	192.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.52*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,337.68	258.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.31*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	3,395.58	341.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*204.78*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	7,790.86	426.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*255.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	18,303.31	426.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*255.92*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,220.98	150.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.09*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,377.09	169.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.45*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,394.91	230.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.52*	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	3,401.82	312.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.78*	
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	7,808.80	404.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*242.43*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	18,434.36	404.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*242.43*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,939.95	217.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.32*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,383.72	240.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.22*	
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,938.84	323.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.81*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	6,794.42	427.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*256.21*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	12,304.12	534.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*320.56*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,975.01	187.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.54*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,439.19	211.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.90*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,015.57	289.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.43*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	6,817.59	391.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.86*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	12,340.95	505.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*303.31*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,128.61	217.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.32*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,039.02	240.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.22*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,753.79	323.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.81*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,837.11	427.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*256.21*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	15,756.67	534.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*320.56*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,163.68	187.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.54*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,094.48	211.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.90*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,830.52	289.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.43*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,860.27	391.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*234.86*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	15,793.50	505.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*303.31*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	968.67	169.28
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,261.32	230.06
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,115.23	299.78
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	3,578.80	422.25
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	7,235.40	536.77
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	18,459.66	536.77
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	991.57	150.07
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,295.13	206.07
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,181.41	276.33
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	3,596.76	399.79
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	7,240.25	507.82
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	18,577.71	507.82

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,680.30	211.94
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,342.30	287.60
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,636.86	374.54
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	7,660.50	529.29
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	12,498.28	619.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,725.14	187.59
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,395.10	257.39
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,724.06	345.77
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	7,693.94	498.82
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	12,522.00	584.12

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	1,964.56	211.94
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,007.66	287.60
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,470.67	374.54
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	8,042.86	529.29
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	15,249.00	619.38
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,010.23	187.59
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,060.46	257.39
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,557.88	345.77
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	8,076.30	498.82
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	15,272.72	584.12

26 24 19 00-0785 Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit *(26 24 19 00-0484)*

Note: Per section. Labor is included in basic distribution section.

26 24 19 00-0786	EA	600 Amp Horizontal Tin Plated Copper Bus Kit	213.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 24 19 00-0787	EA	800 Amp Horizontal Tin Plated Copper Bus Kit	262.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 24 19 00-0788	EA	1,200 Amp Horizontal Tin Plated Copper Bus Kit	315.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.13*	
26 24 19 00-0789	EA	1,600 Amp Horizontal Tin Plated Copper Bus Kit	411.14	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.13*	
26 24 19 00-0790	EA	2,000 Amp Horizontal Tin Plated Copper Bus Kit	690.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	122.03	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	

26 24 19 00-0792 Disconnect Switch For Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0793 3 Pole Circuit Breaker Disconnect For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

26 24 19 00-0794	EA	150 Amp Rating, 15 To 100 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	592.69	130.32
26 24 19 00-0795	EA	150 Amp Rating, 125 To 150 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	988.83	144.30
26 24 19 00-0796	EA	225 Amp Rating, 70 To 225 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	1,216.94	194.35
26 24 19 00-0797	EA	400 Amp Rating, 125 To 400 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	1,980.92	256.13
26 24 19 00-0798	EA	600 Amp Rating, 300 To 600 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	3,351.78	320.16
26 24 19 00-0799	EA	800 Amp Rating, 400 To 800 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	3,797.51	320.16
26 24 19 00-0800	EA	1,200 Amp Rating, 600 To 1,200 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	7,674.02	400.87

26 24 19 00-0801 Fusible Disconnect Switch For Motor Control Center *(26 24 19 00-0792)*

Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).

26 24 19 00-0802	EA	30 Amp Switch Rating, Fusible Disconnect Switch With 30 Amp Fuse Clips	668.47	126.71
26 24 19 00-0803	EA	60 Amp Switch Rating, Fusible Disconnect Switch With 60 Amp Fuse Clips	785.65	172.71
26 24 19 00-0804	EA	100 Amp Switch Rating, Fusible Disconnect Switch With 100 Amp Fuse Clips	1,078.34	220.95
26 24 19 00-0805	EA	200 Amp Switch Rating, Fusible Disconnect Switch With 200 Amp Fuse Clips	2,020.45	316.55
26 24 19 00-0806	EA	400 Amp Switch Rating, Fusible Disconnect Switch With 400 Amp Fuse Clips	3,606.25	402.59
26 24 19 00-0807	EA	600 Amp Switch Rating, Fusible Disconnect Switch With 600 Amp Fuse Clips	8,335.43	402.59
26 24 19 00-0808	EA	800 Amp Switch Rating, Fusible Disconnect Switch With 800 Amp Fuse Clips	10,303.89	503.24
26 24 19 00-0809	EA	1,200 Amp Switch Rating, Fusible Disconnect Switch With 1,200 Amp Fuse Clips	15,254.44	503.24

26 24 19 00-0810 Control Circuit Transformer *(26 24 19 00-0484)*

26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	59.91	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	59.91	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	115.38	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	115.38	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	160.29	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	43.12	10.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	

26 24 19 00-0817 Cover Mounted Control Devices *(26 24 19 00-0484)*

26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	97.49	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.27*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	109.10	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.09*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	92.50	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.45*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	247.45	61.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.96*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	304.62	23.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0823		**Extra Interlocks** *(26 24 19 00-0484)* Note: Per contact.		
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	63.22	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.45*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	88.26	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.45*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	98.62	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.05*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	88.91	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.64*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	94.32	11.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.25*	
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	749.96	
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	26.63	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amp Class A600 With 2 Contacts	143.77	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	135.76	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amp, With Base	75.98	20.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		
26 24 19 00-0838		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,308.92	289.27
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,479.98	300.85
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,902.22	323.99
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,169.37	347.13
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	8,306.05	370.27
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	10,207.57	416.56
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	13,421.88	462.84
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	7,826.88	381.84
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	8,503.32	416.56
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,726.95	462.84
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,317.20	509.13
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,454.46	555.41
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,847.49	601.69
26 24 19 00-0852		**Bolt-On Lighting Panel** *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	1,752.20	469.33
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,715.45	816.89
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,604.87	1,105.21
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	1,829.15	507.82
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,680.69	799.48
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,743.02	1,174.30
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,005.46	544.35
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,972.73	873.89
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	4,947.95	1,174.30
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,091.08	587.10
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,972.73	873.89
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,023.71	1,212.17
26 24 19 00-0865		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)* Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker	13.32	
26 24 19 00-0867	EA	15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker	231.13	
26 24 19 00-0868	EA	15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker	26.03	
26 24 19 00-0869	EA	60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker	59.93	
26 24 19 00-0870	EA	15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker	70.22	
26 24 19 00-0871	EA	60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker	106.55	
26 24 19 00-0872		**Blank Unit Door (BUD)** *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	61.63	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	73.96	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	110.94	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	147.92	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	221.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	258.86	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	295.84	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 00 00-0001 Bus Ducts *(26 25)*

26 25 00 00-0002 Plug-In Bus Duct *(26 25 00 00-0001)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 00 00-0003 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 00 00-0002)*

26 25 00 00-0004	LF	225 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	238.75	27.06
26 25 00 00-0005	LF	400 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	339.18	27.06
26 25 00 00-0006	LF	600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	430.21	36.07
26 25 00 00-0007	LF	800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	595.32	36.07
26 25 00 00-0008	LF	1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	627.95	45.09
26 25 00 00-0009	LF	1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	876.33	45.09
26 25 00 00-0010	LF	1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,026.32	47.35
26 25 00 00-0011	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,250.70	48.70
26 25 00 00-0012	LF	2,500 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,544.58	51.41
26 25 00 00-0013	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,783.39	59.97
26 25 00 00-0014	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,064.32	65.38

26 25 00 00-0015 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 00 00-0002)*

26 25 00 00-0016	LF	225 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	393.33	27.06
26 25 00 00-0017	LF	400 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	568.86	27.06
26 25 00 00-0018	LF	600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	643.21	36.07
26 25 00 00-0019	LF	800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	818.50	36.07
26 25 00 00-0020	LF	1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	999.10	45.09
26 25 00 00-0021	LF	1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,295.74	45.09
26 25 00 00-0022	LF	1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,676.08	46.72
26 25 00 00-0023	LF	2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,019.53	48.70
26 25 00 00-0024	LF	2,500 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,505.70	50.95
26 25 00 00-0025	LF	3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,892.41	59.97
26 25 00 00-0026	LF	4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,353.35	65.38

26 25 00 00-0027 Cable Tap Boxes *(26 25 00 00-0002)*

26 25 00 00-0028 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 00 00-0027)*

26 25 00 00-0029	EA	225 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	1,978.80	126.26
26 25 00 00-0030	EA	400 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,040.55	126.26
26 25 00 00-0031	EA	600 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,203.19	171.35
26 25 00 00-0032	EA	800 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,341.49	171.35
26 25 00 00-0033	EA	1,000 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,508.90	225.46
26 25 00 00-0034	EA	1,350 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,747.94	225.46

26 25 00 00-0035 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 00 00-0027)*

26 25 00 00-0036	EA	225 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,040.55	248.01
26 25 00 00-0037	EA	400 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,213.53	248.01
26 25 00 00-0038	EA	600 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,361.26	338.20
26 25 00 00-0039	EA	800 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,652.65	338.20
26 25 00 00-0040	EA	1,000 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,786.01	450.93
26 25 00 00-0041	EA	1,350 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,170.90	450.93

26 25 00 00-0042 Bus Duct Plug-In Circuit Breaker *(26 25 00 00-0002)*

26 25 00 00-0043 240 Volt, 3-Phase *(26 25 00 00-0042)*

26 25 00 00-0044	EA	60 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	885.22	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.34*	
26 25 00 00-0045	EA	100 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	1,773.60	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.33*	

26 25 00 00-0046 600 Volt, 3-Phase *(26 25 00 00-0042)*

26 25 00 00-0047	EA	60 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	1,726.95	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.34*	
26 25 00 00-0048	EA	100 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	2,237.00	90.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.33*	

26 25 00 00-0049 120/208 Volt, 3-Phase, 4-Wire *(26 25 00 00-0042)*

26 25 00 00-0050	EA	60 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,019.54	108.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.37*	
26 25 00 00-0051	EA	100 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,216.86	108.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.46*	

26 25 00 00-0052 277/480 Volt, 3-Phase, 4-Wire *(26 25 00 00-0042)*

26 25 00 00-0053	EA	60 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,169.90	108.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 00 00-0054	EA	100 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,805.61	108.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.46*	
26 25 00 00-0055	EA	225 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	2,616.47	374.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.20*	
26 25 00 00-0056	EA	400 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	6,257.34	374.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*352.28*	
26 25 00 00-0057	EA	600 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	6,956.36	1,082.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*490.13*	
26 25 00 00-0058	EA	800 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	8,612.30	1,082.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*867.16*	

26 25 00 00-0059 Bus Duct Plug-In Fusible Switch *(26 25 00 00-0002)*

26 25 00 00-0060 240 Volt, 3-Pole, 3-Fuse *(26 25 00 00-0059)*

26 25 00 00-0061	EA	30 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	883.15	90.19
26 25 00 00-0062	EA	60 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	967.82	90.19
26 25 00 00-0063	EA	100 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,340.48	108.22
26 25 00 00-0064	EA	200 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,259.70	216.45
26 25 00 00-0065	EA	400 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,727.67	487.00
26 25 00 00-0066	EA	600 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	8,529.50	847.73

26 25 00 00-0067 600 Volt, 3-Pole, 3-Fuse *(26 25 00 00-0059)*

26 25 00 00-0068	EA	30 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	920.87	99.20
26 25 00 00-0069	EA	60 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,003.26	99.20
26 25 00 00-0070	EA	100 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,353.65	99.20
26 25 00 00-0071	EA	200 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,318.98	207.43
26 25 00 00-0072	EA	400 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,703.58	468.96
26 25 00 00-0073	EA	600 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	8,700.30	901.84
26 25 00 00-0074	EA	800 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	14,347.61	1,172.40

26 25 00 00-0075 120/208 Volt, 4-pole, 3 Fuse *(26 25 00 00-0059)*

26 25 00 00-0076	EA	30 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,023.02	117.24
26 25 00 00-0077	EA	60 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,095.33	117.24
26 25 00 00-0078	EA	100 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,481.36	117.24
26 25 00 00-0079	EA	200 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	2,512.23	243.50
26 25 00 00-0080	EA	400 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	6,279.34	541.10
26 25 00 00-0081	EA	600 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	9,131.21	829.70

26 25 00 00-0082 277/480 Volt, 4-pole, 3-Fuse *(26 25 00 00-0059)*

26 25 00 00-0083	EA	30 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,057.59	117.24
26 25 00 00-0084	EA	60 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,129.91	99.47
26 25 00 00-0085	EA	100 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,582.42	135.28
26 25 00 00-0086	EA	200 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	2,620.08	243.50
26 25 00 00-0087	EA	400 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	6,279.34	541.10
26 25 00 00-0088	EA	600 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	9,131.21	829.70
26 25 00 00-0089	EA	800 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	14,514.73	1,100.25

26 25 00 00-0090 Feeder Bus Duct *(26 25 00 00-0001)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 00 00-0091 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 00 00-0090)*

Note: Copper conductors.

26 25 00 00-0092	LF	800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	717.43	37.88
26 25 00 00-0093	LF	1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	726.69	37.88
26 25 00 00-0094	LF	1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	952.77	37.88
26 25 00 00-0095	LF	1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,145.36	37.88
26 25 00 00-0096	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,400.67	37.88
26 25 00 00-0097	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,910.94	90.19
26 25 00 00-0098	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	2,643.62	90.19
26 25 00 00-0099	LF	5,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,127.64	90.19
26 25 00 00-0100	LF	6,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,854.16	90.19

26 25 00 00-0101 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 00 00-0090)*

Note: Low impedance, copper conductors.

26 25 00 00-0102	LF	800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	823.62	40.58
26 25 00 00-0103	LF	1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	835.64	40.58
26 25 00 00-0104	LF	1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,076.85	40.58
26 25 00 00-0105	LF	1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,276.68	40.58
26 25 00 00-0106	LF	2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,542.81	40.58
26 25 00 00-0107	LF	3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	2,372.74	69.44
26 25 00 00-0108	LF	4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	2,976.24	69.44
26 25 00 00-0109	LF	5,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	3,521.19	128.97
26 25 00 00-0110	LF	6,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	4,345.00	128.97

26 26 Power Distribution Units *(26 20)*

Note: Includes wiring connections and testing.

26 26 00 00-0001 Liebert Precision Power Center *(26 26)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 26 00 00-0002	EA	PDU 15 KVA 480-208/120 (Liebert PPA01C)	11,464.24	277.32
26 26 00 00-0003	EA	PDU 15 KVA 208-208/120 (Liebert PPC015C)	11,081.30	277.32
26 26 00 00-0004	EA	PDU 30 KVA 480-208/120 (Liebert PPA030C)	12,914.99	300.59
26 26 00 00-0005	EA	PDU 30 KVA 208-208/120 (Liebert PPC030C)	13,361.76	300.59
26 26 00 00-0006	EA	PDU 50 KVA 480-208/120 (Liebert PPA050C)	14,597.96	333.69
26 26 00 00-0007	EA	PDU 50 KVA 208-208/120 (Liebert PPC050C)	15,223.01	333.69
26 26 00 00-0008	EA	PDU 75 KVA 480-208/120 (Liebert PPA075C)	16,098.74	360.74
26 26 00 00-0009	EA	PDU 75 KVA 208-208/120 (Liebert PPC075C)	17,502.87	360.74
26 26 00 00-0010	EA	PDU 100 KVA 480-208/120 (Liebert PPA100C)	17,534.31	450.93
26 26 00 00-0011	EA	PDU 100 KVA 208-208/120 (Liebert PPC100C)	19,129.91	450.93
26 26 00 00-0012	EA	PDU 125 KVA 480-208/120 (Liebert PPA125C)	19,693.23	541.10
26 26 00 00-0013	EA	PDU 125 KVA 208-208/120 (Liebert PPC125C)	21,480.30	541.10
26 26 00 00-0014	EA	PDU 150 KVA 480-208/120 (Liebert PPA150C)	23,830.67	631.29
26 26 00 00-0015	EA	PDU 150 KVA 208-208/120 (Liebert PPC150C)	24,788.03	631.29
26 26 00 00-0016	EA	PDU 200 KVA 480-208/120 (Liebert PPA200C)	26,276.31	721.47
26 26 00 00-0017	EA	PDU 225 KVA 480-208/120 (Liebert PPA225C)	27,595.34	811.66
26 26 00 00-0018	EA	Ex Panelboard 10-30 KVA	1,018.59	90.19
26 26 00 00-0019	EA	Ex Panelboard 50-125 KVA	1,510.45	112.73
26 26 00 00-0020	EA	Ex Panelboard 150-220 KVA	3,342.61	135.28
26 26 00 00-0021	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,442.96	
26 26 00 00-0022	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,082.22	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R.

26 27 13 00-0003	EA	100 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	174.61	58.62
26 27 13 00-0004	EA	100 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	183.39	58.62
26 27 13 00-0005	EA	200 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	240.86	72.15
26 27 13 00-0006	EA	200 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	243.36	72.15
26 27 13 00-0007	EA	200 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	436.48	81.17
26 27 13 00-0008	EA	320 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	570.10	90.19
26 27 13 00-0009	EA	400 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	1,336.60	99.20
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base	1,731.16	450.93

26 27 13 00-0011 Meter Device *(26 27 13 00-0001)*

Note: Direct read, with 15 minute demand.

26 27 13 00-0012	EA	100 To 200 Amp, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	155.15	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	
26 27 13 00-0013	EA	200 Amp, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	417.63	18.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.29*	

26 27 13 00-0014 Current Transformer Enclosure *(26 27 13 00-0001)*

26 27 13 00-0015	EA	Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R	370.60	117.24

26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*

26 27 13 00-0017 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	595.62	56.37
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	780.08	67.64
26 27 13 00-0020	EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	963.58	78.91
26 27 13 00-0021	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,115.85	90.19
26 27 13 00-0022	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,443.28	101.46
26 27 13 00-0023	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,560.50	112.73
26 27 13 00-0024	EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,823.38	135.28

26 27 13 00-0025 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max., 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0026	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,069.04	56.37
26 27 13 00-0027	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,404.04	67.64
26 27 13 00-0028	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,932.03	90.19
26 27 13 00-0029	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,143.94	101.46
26 27 13 00-0030	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,687.24	112.73

26 27 13 00-0031 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0016)*

26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	907.72	78.91
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,184.02	90.19
26 27 13 00-0034	EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,443.28	101.46
26 27 13 00-0035	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,693.06	112.73
26 27 13 00-0036	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,122.75	124.01
26 27 13 00-0037	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,230.52	135.28
26 27 13 00-0038	EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AI	2,758.48	157.82

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0039		1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0040	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,379.24	78.91
26 27 13 00-0041	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,799.46	90.19
26 27 13 00-0042	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,526.28	112.73
26 27 13 00-0043	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,709.79	124.01
26 27 13 00-0044	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,451.91	135.28
26 27 13 00-0045		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0046		800 Amp Bus, 5 Jaw Sockets, 125 A Max., 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0047	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	652.25	67.64
26 27 13 00-0048	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	847.12	78.91
26 27 13 00-0049	EA	5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,041.05	90.19
26 27 13 00-0050	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,206.57	101.46
26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,475.29	112.73
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,592.52	124.01
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,959.54	146.55
26 27 13 00-0054		1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,129.46	67.64
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,483.40	78.91
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,134.47	101.46
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,346.38	112.73
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,832.90	124.01
26 27 13 00-0060		800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	964.36	90.19
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,244.46	101.46
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,532.12	112.73
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,781.91	124.01
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,230.55	135.28
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,338.28	146.55
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,904.16	169.10
26 27 13 00-0068		1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,449.14	90.19
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,897.78	101.46
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,709.81	124.01
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,836.50	135.28
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,588.11	146.55
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0075		800 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	595.62	56.37
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	780.08	67.64
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,115.85	90.19
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,443.28	101.46
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,778.27	112.73
26 27 13 00-0081		1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,069.04	56.37
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,404.04	67.64
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,026.70	90.19
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,238.62	101.46
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,687.24	112.73
26 27 13 00-0087		800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	907.72	78.91
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,184.02	90.19
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,693.06	112.73
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,122.75	124.01
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,230.52	135.28
26 27 13 00-0093		1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,379.25	78.91
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,799.46	90.19
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,526.28	112.73
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,709.79	124.01
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,451.94	135.28
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0100		800 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	652.25	67.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	847.12	78.91
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,206.57	101.46
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,569.97	112.73
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,781.89	124.01
26 27 13 00-0106		1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,129.46	67.64
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,483.39	78.91
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,039.78	101.46
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,251.69	112.73
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,832.88	124.01
26 27 13 00-0112		800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	964.35	90.19
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,244.44	101.46
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,781.89	124.01
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,230.52	135.28
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,338.28	146.55
26 27 13 00-0118		1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,449.13	90.19
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,897.76	101.46
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,709.79	124.01
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,836.50	135.28
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,588.11	146.55
26 27 13 00-0124		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	651.70	54.11
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	1,927.81	108.22
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,046.16	81.17
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,262.40	81.17
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,077.93	81.17
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	720.39	74.85
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,235.75	135.28
26 27 13 00-0132		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0134	EA	400 Amp System; 200 Amp M-90 Meter And Enclosure	3,277.46	541.19
26 27 13 00-0135	EA	600-800 Amp System; 200 Amp M-90 Meter And Enclosure	3,787.78	541.19
26 27 13 00-0136		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0137	EA	400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	5,518.04	541.19
26 27 13 00-0138	EA	600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	6,630.84	541.19
26 27 13 00-0139	EA	800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	7,102.77	541.19
26 27 16		**Electrical Cabinets And Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures *(26 27 16)*		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0003		4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	53.42	18.04
26 27 16 00-0005	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	59.62	19.84
26 27 16 00-0006	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	65.86	21.64
26 27 16 00-0007	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	76.87	25.25
26 27 16 00-0008	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	83.39	27.06
26 27 16 00-0009	EA	10" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	90.28	28.86
26 27 16 00-0010	EA	12" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	90.09	28.86
26 27 16 00-0011	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	97.11	30.66
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	104.42	32.47
26 27 16 00-0013	EA	16" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	136.32	43.29
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	165.21	52.31
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	157.57	50.50
26 27 16 00-0016		6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	66.23	21.64
26 27 16 00-0018	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	79.63	25.25
26 27 16 00-0019	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	95.45	30.66
26 27 16 00-0020	EA	10" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	102.62	32.47
26 27 16 00-0021	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	109.91	34.27
26 27 16 00-0022	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	117.46	36.07
26 27 16 00-0023	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	149.98	46.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0024	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	182.50	57.72
26 27 16 00-0025	EA	18" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	176.19	55.92
26 27 16 00-0026	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	228.93	72.15
26 27 16 00-0027	EA	24" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	286.49	82.97
26 27 16 00-0028	EA	24" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	323.83	90.19
26 27 16 00-0029	EA	30" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	356.84	95.60
26 27 16 00-0030	EA	36" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	385.34	99.20
26 27 16 00-0031		Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0032		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0033	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	38.33	12.63
26 27 16 00-0034	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	54.78	18.04
26 27 16 00-0035	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	61.01	19.84
26 27 16 00-0036		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0037	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	42.96	14.43
26 27 16 00-0038	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	53.31	18.04
26 27 16 00-0039	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	59.45	19.84
26 27 16 00-0040	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	65.68	21.64
26 27 16 00-0041	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	76.63	25.25
26 27 16 00-0042	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	83.13	27.06
26 27 16 00-0043	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	89.92	28.86
26 27 16 00-0044	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	89.69	28.86
26 27 16 00-0045	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	96.75	30.66
26 27 16 00-0046	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	104.00	32.47
26 27 16 00-0047	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	136.32	43.29
26 27 16 00-0048	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	169.09	54.11
26 27 16 00-0049	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	156.99	50.50
26 27 16 00-0050	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	203.19	64.93
26 27 16 00-0051	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	289.06	81.17
26 27 16 00-0052		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0053	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	66.00	21.64
26 27 16 00-0054	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	72.66	23.45
26 27 16 00-0055	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	83.76	27.06
26 27 16 00-0056	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	95.08	30.66
26 27 16 00-0057	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	102.24	32.47
26 27 16 00-0058	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	109.46	34.27
26 27 16 00-0059	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	116.96	36.07
26 27 16 00-0060	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	149.98	46.90
26 27 16 00-0061	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	184.32	57.72
26 27 16 00-0062	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	175.54	55.92
26 27 16 00-0063	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	228.05	72.15
26 27 16 00-0064	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	282.38	82.97
26 27 16 00-0065	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	321.94	90.19
26 27 16 00-0066	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	346.99	95.60
26 27 16 00-0067	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	377.71	99.20
26 27 16 00-0068		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0069	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	95.08	30.66
26 27 16 00-0070	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	128.97	39.68
26 27 16 00-0071	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	163.98	50.50
26 27 16 00-0072	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	203.68	63.13
26 27 16 00-0073	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	195.01	61.33
26 27 16 00-0074	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	241.50	75.76
26 27 16 00-0075	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	270.04	86.58
26 27 16 00-0076	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	310.33	91.99
26 27 16 00-0077	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	354.93	99.20
26 27 16 00-0078	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	377.33	104.62
26 27 16 00-0079	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	395.85	108.22
26 27 16 00-0080	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	405.35	108.22
26 27 16 00-0081		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0082	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	220.95	68.54
26 27 16 00-0083	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	290.16	88.38
26 27 16 00-0084	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	295.19	93.79
26 27 16 00-0085	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	375.89	101.01
26 27 16 00-0086	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	431.08	111.83
26 27 16 00-0087	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	475.43	115.44
26 27 16 00-0088	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	506.38	120.85
26 27 16 00-0089		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0031)*		
26 27 16 00-0090	EA	18" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	320.29	97.40
26 27 16 00-0091	EA	24" x 12" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	320.99	102.81
26 27 16 00-0092	EA	24" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	413.55	111.83
26 27 16 00-0093	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	470.75	122.65
26 27 16 00-0094	EA	30" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	524.96	128.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0095	EA	36" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	553.15	133.47
26 27 16 00-0096		NEMA 12 Enclosures *(26 27 16)* Note: Dust-tight enclosures.		
26 27 16 00-0097		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0096)*		
26 27 16 00-0098		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	67.57	14.43
26 27 16 00-0100	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	88.79	19.84
26 27 16 00-0101	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	110.37	25.25
26 27 16 00-0102	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	119.28	27.06
26 27 16 00-0103	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	132.77	28.86
26 27 16 00-0104	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	142.71	30.66
26 27 16 00-0105		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0106	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	98.29	21.64
26 27 16 00-0107	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	107.99	23.45
26 27 16 00-0108		Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0096)*		
26 27 16 00-0109		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0108)*		
26 27 16 00-0110	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	71.38	14.43
26 27 16 00-0111	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	90.18	19.84
26 27 16 00-0112	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	100.56	21.64
26 27 16 00-0113	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	115.93	25.25
26 27 16 00-0114	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	121.18	27.06
26 27 16 00-0115	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	137.56	28.86
26 27 16 00-0116	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	147.12	30.66
26 27 16 00-0117	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	163.05	32.47
26 27 16 00-0118		6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0108)*		
26 27 16 00-0119	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	105.28	21.64
26 27 16 00-0120	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	117.19	23.45
26 27 16 00-0121	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	130.43	27.06
26 27 16 00-0122	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	155.11	32.47
26 27 16 00-0123	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	169.91	36.07
26 27 16 00-0124	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	230.19	46.90
26 27 16 00-0125	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	355.78	72.15
26 27 16 00-0126	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	445.30	82.97
26 27 16 00-0127	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	496.01	90.19
26 27 16 00-0128		8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0108)*		
26 27 16 00-0129	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	474.15	91.99
26 27 16 00-0130	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	534.21	99.20
26 27 16 00-0131	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	579.25	104.62
26 27 16 00-0132	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	625.86	108.22
26 27 16 00-0133	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	619.92	108.22
26 27 16 00-0134		Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0096)*		
26 27 16 00-0135		8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0134)*		
26 27 16 00-0136	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,570.43	146.55
26 27 16 00-0137		10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0134)*		
26 27 16 00-0138	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,606.30	162.33
26 27 16 00-0139	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,824.45	173.61
26 27 16 00-0140	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,122.92	216.45
26 27 16 00-0141	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,389.96	255.22
26 27 16 00-0142		12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0134)*		
26 27 16 00-0143	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	1,831.32	255.22
26 27 16 00-0144	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,021.41	270.56
26 27 16 00-0145	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,269.05	288.59
26 27 16 00-0146	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,460.98	288.59
26 27 16 00-0147		NEMA 3 Enclosures *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0148		2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0147)*		
26 27 16 00-0149	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	226.67	63.13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0150		**3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0151	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	242.56	63.13
26 27 16 00-0152	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	307.22	65.38
26 27 16 00-0153	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	318.03	65.38
26 27 16 00-0154	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	396.97	67.64
26 27 16 00-0155		**4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0156	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	304.30	65.38
26 27 16 00-0157	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	332.57	65.38
26 27 16 00-0158	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	346.58	67.64
26 27 16 00-0159	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	433.42	67.64
26 27 16 00-0160	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	476.06	72.15
26 27 16 00-0161	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	512.27	76.66
26 27 16 00-0162	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	532.92	76.66
26 27 16 00-0163	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	631.57	78.91
26 27 16 00-0164	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	684.39	81.17
26 27 16 00-0165	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	933.34	90.19
26 27 16 00-0166		**6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0167	EA	6" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	457.49	69.89
26 27 16 00-0168	EA	8" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	574.93	78.91
26 27 16 00-0169	EA	8" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	671.69	81.17
26 27 16 00-0170	EA	10" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	772.34	83.42
26 27 16 00-0171	EA	10" x 10" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	821.06	83.42
26 27 16 00-0172	EA	12" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	933.08	90.19
26 27 16 00-0173	EA	12" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,078.83	101.46
26 27 16 00-0174	EA	16" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,016.79	96.95
26 27 16 00-0175	EA	18" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,975.49	180.37
26 27 16 00-0176	EA	18" x 18" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,407.84	225.46
26 27 16 00-0177		**8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0178	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	829.05	85.68
26 27 16 00-0179	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,244.02	112.73
26 27 16 00-0180	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,263.92	112.73
26 27 16 00-0181	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,715.09	169.10
26 27 16 00-0182	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,251.86	180.37
26 27 16 00-0183	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,690.54	315.65
26 27 16 00-0184		**10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0185	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,000.08	225.46
26 27 16 00-0186		**12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0147)*		
26 27 16 00-0187	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,601.36	270.56
26 27 16 00-0188	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,788.40	248.01
26 27 16 00-0189		**NEMA 3R Enclosures** *(26 27 16)*		
		Note: Rain-tight enclosures.		
26 27 16 00-0190		**Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0189)*		
26 27 16 00-0191		**4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0190)*		
26 27 16 00-0192	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	61.36	18.04
26 27 16 00-0193	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	67.66	19.84
26 27 16 00-0194	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	86.75	19.84
26 27 16 00-0195		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0190)*		
26 27 16 00-0196	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	114.67	27.06
26 27 16 00-0197	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	128.63	30.66
26 27 16 00-0198	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	148.96	34.27
26 27 16 00-0199	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	159.92	36.07
26 27 16 00-0200	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	208.12	46.90
26 27 16 00-0201	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	250.76	57.72
26 27 16 00-0202	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	293.58	72.15
26 27 16 00-0203		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0190)*		
26 27 16 00-0204	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	425.65	91.99
26 27 16 00-0205	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	468.83	99.20
26 27 16 00-0206	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	519.65	104.62
26 27 16 00-0207	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	544.48	108.22
26 27 16 00-0208		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0190)*		
26 27 16 00-0209	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	525.23	111.83
26 27 16 00-0210	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	593.23	126.26
26 27 16 00-0211	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	656.98	139.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0212	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	723.19	154.22
26 27 16 00-0213	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	787.84	167.74
26 27 16 00-0214	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	359.84	88.38
26 27 16 00-0215	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	525.23	111.83
26 27 16 00-0216	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	602.37	115.44
26 27 16 00-0217	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	739.69	126.26
26 27 16 00-0218		12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0190)*		
26 27 16 00-0219	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	487.18	89.28
26 27 16 00-0220	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	546.72	100.11
26 27 16 00-0221	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	605.34	110.93
26 27 16 00-0222	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	668.82	122.65
26 27 16 00-0223	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	728.35	133.47
26 27 16 00-0224	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	364.17	66.74
26 27 16 00-0225	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	487.18	89.28
26 27 16 00-0226	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	546.72	100.11
26 27 16 00-0227	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	639.50	117.24
26 27 16 00-0228	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	728.35	133.47
26 27 16 00-0229	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	697.79	131.67
26 27 16 00-0230	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	728.35	133.47
26 27 16 00-0231	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	763.18	137.08
26 27 16 00-0232	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	840.46	144.30
26 27 16 00-0233	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	905.82	151.51
26 27 16 00-0234		Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0189)*		
26 27 16 00-0235		4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0234)*		
26 27 16 00-0236	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	48.79	14.43
26 27 16 00-0237	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	59.41	18.04
26 27 16 00-0238	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	65.54	19.84
26 27 16 00-0239	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	72.42	21.64
26 27 16 00-0240	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	84.18	25.25
26 27 16 00-0241	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	91.42	27.06
26 27 16 00-0242	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	99.18	28.86
26 27 16 00-0243	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.83	28.86
26 27 16 00-0244	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	107.39	30.66
26 27 16 00-0245	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	115.15	32.47
26 27 16 00-0246	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	175.01	50.50
26 27 16 00-0247	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	231.70	64.93
26 27 16 00-0248		6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0234)*		
26 27 16 00-0249	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	68.95	21.64
26 27 16 00-0250	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	92.36	27.06
26 27 16 00-0251	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	104.64	30.66
26 27 16 00-0252	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	112.88	32.47
26 27 16 00-0253	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	112.36	32.47
26 27 16 00-0254	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	121.02	34.27
26 27 16 00-0255	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	129.74	36.07
26 27 16 00-0256	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	169.18	46.90
26 27 16 00-0257	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	196.12	55.92
26 27 16 00-0258	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	259.97	72.15
26 27 16 00-0259	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	272.96	77.56
26 27 16 00-0260	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	308.02	82.97
26 27 16 00-0261	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	344.67	90.19
26 27 16 00-0262		8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0234)*		
26 27 16 00-0263	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	144.72	39.68
26 27 16 00-0264	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	212.30	61.33
26 27 16 00-0265	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	287.32	79.36
26 27 16 00-0266	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	340.95	91.99
26 27 16 00-0267	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	382.37	99.20
26 27 16 00-0268	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	420.89	104.62
26 27 16 00-0269		10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0234)*		
26 27 16 00-0270	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	317.54	88.38
26 27 16 00-0271	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	422.38	111.83
26 27 16 00-0272	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	458.33	115.44
26 27 16 00-0273		12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0234)*		
26 27 16 00-0274	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	465.98	122.65
26 27 16 00-0275	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	623.01	133.47
26 27 16 00-0276	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	643.28	137.08
26 27 16 00-0277	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	741.18	144.30
26 27 16 00-0278		NEMA 4 Enclosures *(26 27 16)*		
		Note: Water-tight enclosures.		
26 27 16 00-0279		Hinge Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0278)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0280	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	74.74	12.63
26 27 16 00-0281	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	87.61	15.33
26 27 16 00-0282	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	109.76	19.84
26 27 16 00-0283	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	104.85	19.84
26 27 16 00-0284	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	140.37	27.06
26 27 16 00-0285	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	174.34	32.47
26 27 16 00-0286	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	161.34	30.66
26 27 16 00-0287	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	188.25	36.07
26 27 16 00-0288	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	221.08	41.49
26 27 16 00-0289	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	268.87	52.31

26 27 16 00-0290 Clamp Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0278)*

26 27 16 00-0291	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	69.04	12.63
26 27 16 00-0292	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	99.16	19.84

26 27 16 00-0293 Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures *(26 27 16 00-0278)*

26 27 16 00-0294	EA	6" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	87.33	17.32
26 27 16 00-0295	EA	8" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	92.94	18.76
26 27 16 00-0296	EA	10" x 8" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	114.74	24.53
26 27 16 00-0297	EA	12" x 10" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	133.60	27.06
26 27 16 00-0298	EA	14" x 12" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	172.26	34.27
26 27 16 00-0299	EA	16" x 14" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	201.52	40.58
26 27 16 00-0300	EA	18" x 16" x 10" Screw Cover, Fiberglass NEMA 4 Enclosure	287.25	64.93

26 27 16 00-0301 NEMA 4X Enclosures *(26 27 16)*

Note: Water-tight enclosures.

26 27 16 00-0302 Clamp Cover, Aluminum NEMA 4X Enclosures *(26 27 16 00-0301)*

26 27 16 00-0303	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	144.18	14.43
26 27 16 00-0304	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	171.20	19.84
26 27 16 00-0305	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	217.82	27.06
26 27 16 00-0306	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	264.27	32.47
26 27 16 00-0307	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	326.43	41.49
26 27 16 00-0308	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	386.91	52.31

26 27 16 00-0309 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0301)*

26 27 16 00-0310	EA	4" x 4" x 3" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	129.62	12.63
		For 316L Stainless Steel, Add	*26.48*	
26 27 16 00-0311	EA	6" x 4" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	170.56	18.04
		For 316L Stainless Steel, Add	*33.88*	
26 27 16 00-0312	EA	6" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	192.54	19.84
		For 316L Stainless Steel, Add	*38.59*	
26 27 16 00-0313	EA	8" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	219.07	21.64
		For 316L Stainless Steel, Add	*44.54*	
26 27 16 00-0314	EA	10" x 8" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	269.63	27.06
		For 316L Stainless Steel, Add	*54.54*	
26 27 16 00-0315	EA	12" x 10" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	374.63	34.27
		For 316L Stainless Steel, Add	*78.02*	
26 27 16 00-0316	EA	14" x 12" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	465.51	41.49
		For 316L Stainless Steel, Add	*97.69*	
26 27 16 00-0317	EA	16" x 14" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	564.01	52.31
		For 316L Stainless Steel, Add	*116.97*	

26 27 16 00-0318 Screw Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0301)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0319	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	91.96	19.84
26 27 16 00-0320	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	103.16	21.64
26 27 16 00-0321	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	118.32	25.25
26 27 16 00-0322	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	128.40	27.06
26 27 16 00-0323	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	148.01	30.66
26 27 16 00-0324	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	140.20	30.66
26 27 16 00-0325	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	162.57	34.27
26 27 16 00-0326	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	202.93	41.49
26 27 16 00-0327	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	261.32	56.82
26 27 16 00-0328	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	341.29	81.80
26 27 16 00-0329	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	98.10	19.84
26 27 16 00-0330	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	110.41	21.64
26 27 16 00-0331	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	126.12	25.25
26 27 16 00-0332	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	137.87	27.06
26 27 16 00-0333	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	158.04	30.66
26 27 16 00-0334	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	149.68	30.66
26 27 16 00-0335	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	175.43	34.27
26 27 16 00-0336	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	209.61	41.49
26 27 16 00-0337	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	275.26	56.82
26 27 16 00-0338	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	356.33	81.80

26 27 16 00-0339 Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0301)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0340	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	109.25	19.84
26 27 16 00-0341	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	117.10	21.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0342	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	133.36	25.25
26 27 16 00-0343	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	144.01	27.06
26 27 16 00-0344	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	169.75	30.66
26 27 16 00-0345	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	157.49	30.66
26 27 16 00-0346	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	191.58	34.27
26 27 16 00-0347	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	228.01	41.49
26 27 16 00-0348	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	283.07	56.82
26 27 16 00-0349	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	369.71	81.80
26 27 16 00-0350	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	113.71	19.84
26 27 16 00-0351	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	125.46	21.64
26 27 16 00-0352	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	141.17	25.25
26 27 16 00-0353	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	152.36	27.06
26 27 16 00-0354	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	180.90	30.66
26 27 16 00-0355	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	166.96	30.66
26 27 16 00-0356	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	203.30	34.27
26 27 16 00-0357	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	233.59	41.49
26 27 16 00-0358	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	301.45	56.82
26 27 16 00-0359	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	389.22	81.80

26 27 16 00-0360 NEMA 7/9 Enclosures *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0361 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0360)*

26 27 16 00-0362	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	977.51	101.46
		For Mounting Pan, Add	*41.00*	
26 27 16 00-0363	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	783.15	108.22
		For Mounting Pan, Add	*76.40*	
26 27 16 00-0364	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,518.70	121.75
		For Mounting Pan, Add	*105.35*	

26 27 16 00-0365 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0360)*

26 27 16 00-0366	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,352.30	121.75
		For Mounting Pan, Add	*53.57*	
26 27 16 00-0367	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,757.51	125.13
		For Mounting Pan, Add	*105.35*	
26 27 16 00-0368	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,799.32	135.28
		For Mounting Pan, Add	*80.59*	
26 27 16 00-0369	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,846.10	135.28
		For Mounting Pan, Add	*94.29*	
26 27 16 00-0370	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,607.13	169.10
		For Mounting Pan, Add	*123.70*	
26 27 16 00-0371	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,456.77	152.18
		For Mounting Pan, Add	*77.24*	
26 27 16 00-0372	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,543.09	169.10
		For Mounting Pan, Add	*115.57*	
26 27 16 00-0373	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,934.18	304.38
		For Mounting Pan, Add	*155.49*	
26 27 16 00-0374	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,118.48	202.92
		For Mounting Pan, Add	*151.39*	
26 27 16 00-0375	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,102.34	338.20
		For Mounting Pan, Add	*138.99*	
26 27 16 00-0376	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,907.64	338.20
		For Mounting Pan, Add	*225.95*	

26 27 16 00-0377 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0360)*

26 27 16 00-0378	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,099.28	152.18
		For Mounting Pan, Add	*80.59*	
26 27 16 00-0379	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,113.82	152.18
		For Mounting Pan, Add	*94.29*	
26 27 16 00-0380	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,390.65	152.18
		For Mounting Pan, Add	*123.70*	
26 27 16 00-0381	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,649.17	169.10
		For Mounting Pan, Add	*77.24*	
26 27 16 00-0382	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,859.19	304.38
		For Mounting Pan, Add	*115.57*	
26 27 16 00-0383	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,696.36	372.02
		For Mounting Pan, Add	*155.49*	
26 27 16 00-0384	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,355.76	439.65
		For Mounting Pan, Add	*233.84*	
26 27 16 00-0385	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,234.02	372.02
		For Mounting Pan, Add	*151.39*	
26 27 16 00-0386	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,347.94	372.02
		For Mounting Pan, Add	*138.99*	
26 27 16 00-0387	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,457.38	405.83
		For Mounting Pan, Add	*208.34*	
26 27 16 00-0388	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,338.60	372.02
		For Mounting Pan, Add	*225.95*	
26 27 16 00-0389	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,118.58	405.83
		For Mounting Pan, Add	*330.40*	
26 27 16 00-0390	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,070.22	405.83
		For Mounting Pan, Add	*440.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0391	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,964.51	541.10
		For Mounting Pan, Add	*550.50*	
26 27 16 00-0392	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,348.78	439.65
		For Mounting Pan, Add	*511.87*	
26 27 16 00-0393	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	15,109.44	676.38
		For Mounting Pan, Add	*700.75*	

26 27 16 00-0394 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0360)*

26 27 16 00-0395	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,648.82	439.65
		For Mounting Pan, Add	*233.84*	
26 27 16 00-0396	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,041.09	405.83
		For Mounting Pan, Add	*208.34*	
26 27 16 00-0397	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,670.63	439.65
		For Mounting Pan, Add	*330.40*	
26 27 16 00-0398	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,678.31	473.47
		For Mounting Pan, Add	*550.50*	
26 27 16 00-0399	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,571.43	473.47
		For Mounting Pan, Add	*511.87*	
26 27 16 00-0400	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	16,451.97	676.38
		For Mounting Pan, Add	*700.75*	

26 27 16 00-0401 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0360)*

26 27 16 00-0402	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,800.88	372.02
		For Mounting Pan, Add	*155.49*	

26 27 16 00-0403 Breaker Enclosures *(26 27 16)*

See CSI section 26 24 16 00-0001 for lighting and power panel boards.

26 27 16 00-0404 15 To 100 Amp, F-Frame Breaker Enclosures *(26 27 16 00-0403)*

26 27 16 00-0405	EA	NEMA 1, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	295.51	72.15
26 27 16 00-0406	EA	NEMA 3R, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	544.32	72.15
26 27 16 00-0407	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	1,343.27	99.20
26 27 16 00-0408	EA	NEMA 7, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	1,821.34	108.22
26 27 16 00-0409	EA	NEMA 9, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	1,327.71	108.22
26 27 16 00-0410	EA	NEMA 12, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	466.44	99.20

26 27 16 00-0411 15 To 250 Amp, H Or J-Frame Breaker Enclosures *(26 27 16 00-0403)*

26 27 16 00-0412	EA	NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	472.02	99.20
26 27 16 00-0413	EA	NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	870.46	99.20
26 27 16 00-0414	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	2,976.68	126.26
26 27 16 00-0415	EA	NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	718.14	126.26

26 27 16 00-0416 125 To 400 Amp, L-Frame Breaker Enclosures *(26 27 16 00-0403)*

26 27 16 00-0417	EA	NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	738.42	198.41
26 27 16 00-0418	EA	NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	1,720.95	198.41
26 27 16 00-0419	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	5,043.75	252.52
26 27 16 00-0420	EA	NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	1,227.40	252.52

26 27 16 00-0421 300 To 800 Amp, M-Frame Breaker Enclosures *(26 27 16 00-0403)*

26 27 16 00-0422	EA	NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	1,446.44	378.78
26 27 16 00-0423	EA	NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	2,484.91	378.78
26 27 16 00-0424	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	9,074.42	487.00
26 27 16 00-0425	EA	NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	4,908.56	487.00

26 27 16 00-0426 250 To 1,200 Amp, P-Frame Breaker Enclosures *(26 27 16 00-0403)*

26 27 16 00-0427	EA	NEMA 1, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	1,765.66	378.78
26 27 16 00-0428	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	2,989.74	378.78
26 27 16 00-0429	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	6,172.63	487.00

26 27 16 00-0430 Legend Plates *(26 27 16)*

26 27 16 00-0431	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	11.38	4.51
26 27 16 00-0432	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	13.39	4.51

26 27 23 Indoor Service Poles *(26 27)*

26 27 23 00-0001 Communication And Power Poles *(26 27 23)*

Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.

26 27 23 00-0002 Steel Communication And Power Poles *(26 27 23 00-0001)*

26 27 23 00-0003 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*		
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	225.38	39.98
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	244.27	39.98
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	266.11	39.98
26 27 23 00-0008		Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*		
		Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	43.94	8.25
26 27 23 00-0010	EA	Add-On Cover Plate For Three Duplex Receptacles	40.19	8.25
26 27 23 00-0011	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	45.33	8.25
26 27 23 00-0012	EA	Add-On Cover Plate For Data And A/V Modular Devices	33.93	8.25
26 27 23 00-0013	EA	Add-On Radius Control Entrance End Fitting	28.19	8.25
26 27 23 00-0014		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0015		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	290.15	39.98
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	330.75	39.98
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	352.66	39.98
26 27 23 00-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
		Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On Cover Plate For One Single Receptacle	31.40	8.25
26 27 23 00-0021	EA	Add-On Cover Plate For One Duplex Receptacle	28.36	8.25
26 27 23 00-0022	EA	Add-On Cover Plate For Data And A/V Modular Devices	30.53	8.25
26 27 23 00-0023		3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0024		3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	376.18	39.98
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	425.05	39.98
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	457.26	39.98
26 27 23 00-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
		Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On Cover Plate For One Single Receptacle	31.40	8.25
26 27 23 00-0030	EA	Add-On Cover Plate For One Duplex Receptacle	28.36	8.25
26 27 23 00-0031	EA	Add-On Cover Plate For Data And A/V Modular Devices	30.53	8.25
26 27 23 00-0032		Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	302.87	39.98
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	337.03	39.98
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	375.33	39.98
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	47.32	8.25
26 27 23 00-0040	EA	Add-On Cover Plate For Three Duplex Receptacles	48.28	8.25
26 27 23 00-0041	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	51.49	8.25
26 27 23 00-0042	EA	Add-On Cover Plate For Data And A/V Modular Devices	35.74	8.25
26 27 23 00-0043	EA	Add-On Radius Control Entrance End Fitting	28.19	8.25
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	292.20	39.98
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	327.24	39.98
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	368.52	39.98
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	604.30	39.98
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	690.24	39.98
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	786.49	39.98
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	331.36	39.98
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	314.04	39.98
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	400.47	39.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 27 26 Wiring Devices *(26 27)*

Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.

26 27 26 00-0001 Receptacles *(26 27 26)*

26 27 26 00-0002 Television Receptacle *(26 27 26 00-0001)*

26 27 26 00-0003	EA	TV Receptacle With Cover (Type F) - Complete	56.66	20.92

26 27 26 00-0004 General Use Receptacles *(26 27 26 00-0001)*

26 27 26 00-0005 Receptacle Assemblies *(26 27 26 00-0004)*

Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.

26 27 26 00-0006	EA	1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	70.61	32.02
26 27 26 00-0007	EA	1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	75.86	34.27
26 27 26 00-0008	EA	2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	91.42	41.03
26 27 26 00-0009	EA	2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	101.93	45.54
26 27 26 00-0010	EA	1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly	80.71	32.02
26 27 26 00-0011	EA	1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly	86.50	34.27

26 27 26 00-0012 Receptacle Components *(26 27 26 00-0004)*

26 27 26 00-0013	EA	15 Amp, NEMA 5-15, Single Receptacle, 125 Volt, 1 Phase	20.80	9.02
26 27 26 00-0014	EA	15 Amp, NEMA 5-15, Duplex Receptacle, 125 Volt, 1 Phase	20.21	9.02
26 27 26 00-0015	EA	15 Amp, Single Receptacle, 120/277 Volt, 3 Wire	23.68	9.02
26 27 26 00-0016	EA	15 Amp, Duplex Receptacle, 120/277 Volt, 3 Wire	25.69	9.02
26 27 26 00-0017	EA	15 Amp, NEMA 6-15, Single Receptacle, 250 Volt, 1 Phase	32.76	11.27
26 27 26 00-0018	EA	15 Amp, NEMA 6-15, Duplex Receptacle, 250 Volt, 1 Phase	39.36	11.27
26 27 26 00-0019	EA	20 Amp, NEMA 5-20, Single Receptacle, 125 Volt, 1 Phase	21.57	9.02
26 27 26 00-0020	EA	20 Amp, NEMA 5-20, Duplex Receptacle, 125 Volt, 1 Phase	20.95	9.02
26 27 26 00-0021	EA	20 Amp, Single Receptacle, 120/277 Volt	30.01	9.02
26 27 26 00-0022	EA	20 Amp, Duplex Receptacle, 120/277 Volt	25.06	9.02
26 27 26 00-0023	EA	20 Amp, NEMA 6-20, Single Receptacle, 250 Volt, 1 Phase	32.76	11.27
26 27 26 00-0024	EA	20 Amp, NEMA 6-20, Duplex Receptacle, 250 Volt, 1 Phase	39.36	11.27
26 27 26 00-0025	EA	20 Amp, NEMA 14-20, Single Receptacle, 125/250 Volt, 1 Phase	60.52	11.27
26 27 26 00-0026	EA	20 Amp, NEMA 15-20, Single Receptacle, 250 Volt, 3 Phase	60.52	11.27
26 27 26 00-0027	EA	25 Amp, Duplex Receptacle, 120/277 Volt	51.45	13.53

26 27 26 00-0028 Specialty Receptacles *(26 27 26 00-0001)*

26 27 26 00-0029 Specialty Receptacles *(26 27 26 00-0028)*

26 27 26 00-0030	EA	30 Amp, NEMA 5-30, Single Receptacle, 125 Volt, 1 Phase	46.54	15.78
26 27 26 00-0031	EA	30 Amp, NEMA 6-30, Single Receptacle, 250 Volt, 1 Phase	46.54	15.78
26 27 26 00-0032	EA	30 Amp, NEMA 10-30 Single Receptacles, 125/250 Volt	52.98	15.78
26 27 26 00-0033	EA	30 Amp, NEMA 14-30, Single Receptacle, 125/250 Volt, 1 Phase	69.53	15.78
26 27 26 00-0034	EA	30 Amp, NEMA 15-30, Single Receptacle, 250 Volt, 3 Phase	74.04	18.04
26 27 26 00-0035	EA	50 Amp, NEMA 5-50, Single Receptacle, 125 Volt, 1 Phase	68.56	18.04
26 27 26 00-0036	EA	50 Amp, NEMA 6-50, Single Receptacle, 250 Volt, 1 Phase	67.01	18.04
26 27 26 00-0037	EA	50 Amp, NEMA 7-50 Single Receptacles, 277 Volt	59.04	18.04
26 27 26 00-0038	EA	50 Amp, NEMA 10-50 Single Receptacles, 125/250 Volt	63.50	18.04
26 27 26 00-0039	EA	50 Amp, NEMA 14-50, Single Receptacle, 125/250 Volt, 1 Phase	82.48	18.04
26 27 26 00-0040	EA	50 Amp, NEMA 15-50, Single Receptacle, 250 Volt, 3 Phase	86.99	20.29
26 27 26 00-0041	EA	60 Amp, NEMA 14-60, Single Receptacle, 125/250 Volt, 1 Phase	95.72	22.55
26 27 26 00-0042	EA	60 Amp, NEMA 15-60, Single Receptacle, 250 Volt, 3 Phase	104.74	27.06
26 27 26 00-0043	EA	100 Amp, 3 Phase, 480 Volt Joy Receptacle With Box - Complete	987.35	211.94
26 27 26 00-0044	EA	400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete	2,385.10	259.28
26 27 26 00-0045	EA	30 Amp, Dryer Receptacle, 230 Volt	55.44	18.04
26 27 26 00-0046	EA	60 Amp, Range Receptacle, 230 Volt	81.24	27.06
26 27 26 00-0047	EA	15 Or 20 Amp, Clock Hanger Receptacle, 120/277 Volt	51.38	11.27
26 27 26 00-0048	EA	Cable Reel With 20 Amp, 120 Volt Receptacle - Complete	1,042.77	274.80

26 27 26 00-0049 Isolated Ground Receptacles *(26 27 26 00-0028)*

26 27 26 00-0050	EA	15 Amp, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	53.87	9.02
26 27 26 00-0051	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Simplex	43.87	11.27
26 27 26 00-0052	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Duplex	43.72	11.27
26 27 26 00-0053	EA	30 Amp, 120 Volt Isolated Ground Receptacles, Simplex	61.05	18.04
26 27 26 00-0054	EA	Locking 15 Amp, 250 Volt Isolated Ground Receptacles	48.95	11.27
26 27 26 00-0055	EA	Locking 15 Amp, 277 Volt Isolated Ground Receptacles	45.00	11.27
26 27 26 00-0056	EA	Locking 20 Amp, 120/208 Volt Isolated Ground Receptacles	61.87	13.53
26 27 26 00-0057	EA	Locking 20 Amp, 277/480 Volt Isolated Ground Receptacles	49.56	13.53
26 27 26 00-0058	EA	Locking 20 Amp, 347/600 Volt Isolated Ground Receptacles	63.33	13.53
26 27 26 00-0059	EA	Locking 30 Amp, 120/208 Volt Isolated Ground Receptacles	76.75	13.53
26 27 26 00-0060	EA	Locking 30 Amp, 277 Volt Isolated Ground Receptacles	76.29	18.04

26 27 26 00-0061 Explosion Proof Receptacles *(26 27 26 00-0028)*

26 27 26 00-0062	EA	1/2", 20 Amp, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	504.42	22.55
26 27 26 00-0063	EA	3/4", 20 Amp, 2 Watt,, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	466.91	24.80
26 27 26 00-0064	EA	3/4", 30 Amp, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	778.34	45.09
26 27 26 00-0065	EA	3/4", 30 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	974.19	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0066	EA	1-1/4", 60 Amp, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,238.36	67.64
26 27 26 00-0067	EA	1-1/4", 60 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,181.66	67.64
26 27 26 00-0068		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0028)*		
26 27 26 00-0069	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	28.05	11.27
26 27 26 00-0070	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	40.61	13.53
26 27 26 00-0071		**Locking Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0072	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amp, Locking Receptacle	36.02	11.27
26 27 26 00-0073	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amp, Locking Receptacle	43.01	11.27
26 27 26 00-0074	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amp, Locking Receptacle	40.45	13.53
26 27 26 00-0075	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amp, Locking Receptacle	40.14	13.53
26 27 26 00-0076	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amp, Locking Receptacle	46.29	13.53
26 27 26 00-0077	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amp,Locking Receptacle	54.24	13.53
26 27 26 00-0078	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle	53.36	13.53
26 27 26 00-0079	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle	47.55	13.53
26 27 26 00-0080	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amp, Locking Receptacle	55.51	18.04
26 27 26 00-0081	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amp, Locking, Receptacle	56.25	18.04
26 27 26 00-0082	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amp, Locking Receptacle	81.73	18.04
26 27 26 00-0083		**Hospital Grade Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0084	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle	32.54	9.02
26 27 26 00-0085	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle	35.03	9.02
26 27 26 00-0086	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	37.68	9.02
26 27 26 00-0087	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	42.70	9.02
26 27 26 00-0088	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	38.06	9.02
26 27 26 00-0089	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	43.25	9.02
26 27 26 00-0090	EA	120 Volt Transient Voltage Surge Suppresser Receptacle Note: Hospital grade receptacle.	117.69	27.06
26 27 26 00-0091		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0092	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	178.11	45.09
26 27 26 00-0093	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	177.75	45.09
26 27 26 00-0094	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	184.61	45.09
26 27 26 00-0095	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	222.70	49.60
26 27 26 00-0096	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	223.27	49.60
26 27 26 00-0097	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	221.95	49.60
26 27 26 00-0098	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	264.17	55.46
26 27 26 00-0099	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	253.02	55.46
26 27 26 00-0100	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	270.48	55.46
26 27 26 00-0101	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	275.46	60.88
26 27 26 00-0102	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	275.24	60.88
26 27 26 00-0103	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	276.83	60.88
26 27 26 00-0104	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	381.25	72.15
26 27 26 00-0105	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	367.75	72.15
26 27 26 00-0106	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	376.54	72.15
26 27 26 00-0107	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	419.28	80.27
26 27 26 00-0108	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	419.54	80.27
26 27 26 00-0109	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	419.80	80.27
26 27 26 00-0110	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	467.07	90.19
26 27 26 00-0111	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	484.38	90.19
26 27 26 00-0112	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	522.14	99.20
26 27 26 00-0113	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	520.84	99.20
26 27 26 00-0114	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	523.29	99.20
26 27 26 00-0115		**Corrosion Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0116	EA	15/20 Amp, 125 Volt Corrosion Resistant, Power Receptacles	53.26	9.02
26 27 26 00-0117	EA	15/20 Amp, 250 Volt Corrosion Resistant, Power Receptacles	105.77	11.27
26 27 26 00-0118		**Tamper Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0119	EA	15 Amp, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	21.04	9.02
26 27 26 00-0120	EA	20 Amp, 125 Volt Duplex Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR20.	22.58	9.02
26 27 26 00-0121	EA	15 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	27.01	9.02
26 27 26 00-0122	EA	20 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	29.08	9.02
26 27 26 00-0123	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	41.56	9.02
26 27 26 00-0124	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	44.53	9.02
26 27 26 00-0125	EA	20 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	47.37	9.02
26 27 26 00-0126		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0028)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0127	EA	15 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	42.67	9.02
26 27 26 00-0128	EA	20 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	45.75	9.02
26 27 26 00-0129		Switches *(26 27 26)*		
26 27 26 00-0130		Switches *(26 27 26 00-0129)*		
26 27 26 00-0131		Switch Assemblies *(26 27 26 00-0130)*		
		Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0132	EA	1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	72.96	31.56
26 27 26 00-0133	EA	1 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	78.73	34.27
26 27 26 00-0134	EA	2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	98.36	41.25
26 27 26 00-0135	EA	2 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	108.11	45.76
26 27 26 00-0136	EA	3 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	167.61	70.80
26 27 26 00-0137	EA	3 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	182.24	77.56
26 27 26 00-0138	EA	4 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	192.83	80.03
26 27 26 00-0139	EA	4 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	212.33	89.05
26 27 26 00-0140		Switch Components *(26 27 26 00-0130)*		
26 27 26 00-0141	EA	15 Amp, 120/277 Volt, SPST Switch	23.45	9.02
26 27 26 00-0142	EA	15 Amp, 120/277 Volt, 3-Way Switch	29.67	11.27
26 27 26 00-0143	EA	15 Amp, 120/277 Volt, 4-Way Switch	56.72	18.04
26 27 26 00-0144	EA	15 Amp, 120/277 Volt, DPST Switch	26.61	9.02
26 27 26 00-0145	EA	15 Amp, 120/277 Volt, Thermal Switch	49.47	11.27
26 27 26 00-0146	EA	20 Amp, 120/277 Volt, SPST Switch	28.33	11.27
26 27 26 00-0147	EA	20 Amp, 120/277 Volt, 3-Way Switch	34.96	13.53
26 27 26 00-0148	EA	20 Amp, 120/277 Volt, 4-Way Switch	75.45	18.04
26 27 26 00-0149	EA	20 Amp, 120/277 Volt, DPST Switch	33.38	11.27
26 27 26 00-0150	EA	20 Amp, 120/277 Volt, DPDT Switch	35.62	11.27
26 27 26 00-0151	EA	15 Amp, 120/277 Volt, Single Pole, Momentary Contact Switch, Toggle, Three Position, Center Off	48.09	11.29
26 27 26 00-0152	EA	15 Amp, 120/277 Volt, Momentary Contact Switch, Key Operated, Single Pole, Three Position, Center Off	59.83	11.29
26 27 26 00-0153	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	46.99	13.55
26 27 26 00-0154	EA	20 Amp, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	42.78	15.78
26 27 26 00-0155	EA	20 Amp, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	52.41	18.04
26 27 26 00-0156	EA	20 Amp, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	75.50	18.04
26 27 26 00-0157	EA	30 Amp, 120/277 Volt, Single Pole Local Switch	50.11	18.06
26 27 26 00-0158	EA	30 Amp, 120/277 Volt, Double Pole Local Switch	60.67	18.06
26 27 26 00-0159	EA	30 Amp, 120/277 Volt, Three-Way Local Switch	64.42	22.58
26 27 26 00-0160	EA	30 Amp, 120/277 Volt, Four-Way Local Switch	88.18	24.84
26 27 26 00-0161	EA	15 Amp, 120/277 Volt, Local Switch With Neon Pilot	46.89	14.76
26 27 26 00-0162	EA	15 Amp, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	62.98	14.76
26 27 26 00-0163	EA	15 Amp, 120 Volt, Single Pole Lighted Toggle Switch, Clear Toggle, Lighted In On Position	56.05	14.76
26 27 26 00-0164	EA	15 Amp, 120 Volt, Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position	53.66	14.76
26 27 26 00-0165	EA	Automatic Door Switch, Door Open-Light On, 6 Amp, 125 Volt	54.61	7.32
26 27 26 00-0166	EA	Automatic Door Switch, Door Closed-Light On, 6 Amp, 125 Volt	57.84	7.32
26 27 26 00-0167	EA	15 Amp, 120/277 Volt, Single Pole Momentary Contact Switch, Three Position, Center Off, Toggle	64.98	28.18
26 27 26 00-0168	EA	Momentary Contact Switch, Three Position, Center Off, Key Operated Note: 15A, 120/277 V, Single Pole	76.72	28.18
26 27 26 00-0169		Specialty Switches *(26 27 26 00-0129)*		
26 27 26 00-0170		Dimmers With SPST Switch *(26 27 26 00-0169)*		
26 27 26 00-0171	EA	600 Watt Dimmers With SPST Switch	52.29	20.29
26 27 26 00-0172	EA	1,000 Watt Dimmers With SPST Switch	88.81	20.29
26 27 26 00-0173	EA	1,500 Watt Dimmers With SPST Switch	159.65	32.65
26 27 26 00-0174	EA	2,000 Watt Dimmers With SPST Switch	206.26	32.65
26 27 26 00-0175	EA	600 Watt Fluorescent Dimmer Switch	115.30	24.08
26 27 26 00-0176	EA	1,000 Watt Fluorescent Dimmer Switch	155.41	24.08
26 27 26 00-0177	EA	1,500 Watt Fluorescent Dimmer Switch	280.72	36.34
26 27 26 00-0178	EA	Remote Speed Switch For Paddle Fan	85.87	30.03
26 27 26 00-0179	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	141.26	44.82
26 27 26 00-0180		Time Switches *(26 27 26 00-0169)*		
26 27 26 00-0181	EA	40 Amp, SPST, 125 Volt, Standard Time Switch	96.30	27.06
26 27 26 00-0182	EA	40 Amp, SPST, 277 Volt, Standard Time Switch	98.41	27.06
26 27 26 00-0183	EA	40 Amp, DPST, 125 Volt, Standard Time Switch	96.30	27.06
26 27 26 00-0184	EA	40 Amp, DPST, 277 Volt, Standard Time Switch	98.41	27.06
26 27 26 00-0185	EA	40 Amp, SPST, 125 Volt, 7-Day Time Switch	110.37	27.06
26 27 26 00-0186	EA	40 Amp, SPST, 277 Volt, 7-Day Time Switch	110.37	27.06
26 27 26 00-0187	EA	40 Amp, DPDT, 125 Volt, 7-Day Time Switch	193.35	27.06
26 27 26 00-0188	EA	40 Amp, DPDT, 277 Volt, 7-Day Time Switch	193.35	27.06
26 27 26 00-0189	EA	20 Amp, SPST, 125 Volt, Programmable Time Switch	166.72	27.06
26 27 26 00-0190	EA	20 Amp, SPST, 277 Volt, Programmable Time Switch	182.98	27.06
26 27 26 00-0191	EA	20 Amp, SPST, 277 Volt, Programmable Time Switch - Weatherproof	182.98	27.06
26 27 26 00-0192	EA	40 Amp, 4PST, 125 Volt, Astro Dial Time Switch	221.41	27.06
26 27 26 00-0193	EA	40 Amp, 4PST, 277 Volt, Astro Dial Time Switch	227.88	27.06
26 27 26 00-0194	EA	40 Amp, SPST, 125 Volt, Standard Time Switch - Weatherproof	96.30	27.06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0195	EA	40 Amp, SPST, 277 Volt, Standard Time Switch - Weatherproof	98.41	27.06
26 27 26 00-0196	EA	40 Amp, DPST, 125 Volt, Standard Time Switch - Weatherproof	96.30	27.06
26 27 26 00-0197	EA	40 Amp, DPST, 277 Volt, Standard Time Switch - Weatherproof	98.41	27.06
26 27 26 00-0198	EA	40 Amp, SPST, 125 Volt, 7-Day Time Switch - Weatherproof	110.37	27.06
26 27 26 00-0199	EA	40 Amp, SPST, 277 Volt, 7-Day Time Switch - Weatherproof	110.37	27.06
26 27 26 00-0200	EA	40 Amp, DPDT, 125 Volt, 7-Day Time Switch - Weatherproof	193.35	27.06
26 27 26 00-0201	EA	40 Amp, DPDT, 277 Volt, 7-Day Time Switch - Weatherproof	193.35	27.06
26 27 26 00-0202	EA	40 Amp, 4PST, 125 Volt, Astro Dial Time Switch - Weatherproof	221.41	27.06
26 27 26 00-0203	EA	40 Amp, 4PST, 277 Volt, Astro Dial Time Switch - Weatherproof	227.88	27.06
26 27 26 00-0204		Low Voltage Switching *(26 27 26 00-0169)*		
26 27 26 00-0205	EA	36 Pin Male Or Female Connector	154.45	9.02
26 27 26 00-0206		Other Switches *(26 27 26 00-0169)*		
26 27 26 00-0207	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	29.67	13.53
26 27 26 00-0208	EA	Locking Switch, SPST Concealed Devices	90.27	36.07
26 27 26 00-0209	EA	Locking Switch, 3-Way Concealed Devices	91.42	36.07
26 27 26 00-0210	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	99.60	33.73
26 27 26 00-0211	EA	15 Amp Momentary Contact Switch	95.00	33.73
26 27 26 00-0212	EA	20 Amp Momentary Contact Switch	99.85	33.73
26 27 26 00-0213	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	94.82	40.65
26 27 26 00-0214	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	96.17	40.65
26 27 26 00-0215	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	118.29	49.68
26 27 26 00-0216	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	107.57	45.16
26 27 26 00-0217	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	107.90	45.16
26 27 26 00-0218		Hospital Grade Switches *(26 27 26 00-0169)*		
26 27 26 00-0219	EA	15 Amp, 120/277 Volt, SPST Hospital Grade Switch	23.45	9.02
26 27 26 00-0220	EA	20 Amp, 120/277 Volt, SPST Hospital Grade Switch	28.33	11.27
26 27 26 00-0221		Plates And Covers *(26 27 26)*		
26 27 26 00-0222		Wall Plates *(26 27 26 00-0221)*		
26 27 26 00-0223		Nylon Wall Plates *(26 27 26 00-0222)*		
26 27 26 00-0224	EA	1 Gang Nylon Switch Plate	1.28	0.45
26 27 26 00-0225	EA	2 Gang Nylon Switch Plate	2.12	0.68
26 27 26 00-0226	EA	3 Gang Nylon Switch Plate	2.99	0.90
26 27 26 00-0227	EA	4 Gang Nylon Switch Plate	4.21	1.12
26 27 26 00-0228	EA	1 Gang Duplex Nylon Wall Plate	1.29	0.45
26 27 26 00-0229	EA	2 Gang Duplex Nylon Wall Plate	2.16	0.68
26 27 26 00-0230		Plastic Wall Plates *(26 27 26 00-0222)*		
26 27 26 00-0231	EA	1 Gang Plastic Switch Plate	1.21	0.45
26 27 26 00-0232	EA	2 Gang Plastic Switch Plate	1.97	0.68
26 27 26 00-0233	EA	3 Gang Plastic Switch Plate	2.75	0.90
26 27 26 00-0234	EA	4 Gang Plastic Switch Plate	4.21	1.12
26 27 26 00-0235	EA	1 Gang Duplex Plastic Wall Plate	1.21	0.45
26 27 26 00-0236	EA	2 Gang Duplex Plastic Wall Plate	1.97	0.68
26 27 26 00-0237		Thermoplastic Wall Plates (Hospital Grade) *(26 27 26 00-0222)*		
26 27 26 00-0238	EA	1 Gang Thermoplastic Hospital Grade Switch Plate	4.94	0.45
26 27 26 00-0239	EA	2 Gang Thermoplastic Hospital Grade Switch Plate	6.05	0.68
26 27 26 00-0240	EA	3 Gang Thermoplastic Hospital Grade Switch Plate	9.41	0.90
26 27 26 00-0241	EA	4 Gang Thermoplastic Hospital Grade Switch Plate	13.65	1.12
26 27 26 00-0242	EA	1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	7.17	0.45
26 27 26 00-0243	EA	2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	11.26	0.68
26 27 26 00-0244		Brass Wall Plates *(26 27 26 00-0222)*		
26 27 26 00-0245	EA	1 Gang 0.04" Brass Switch Plate	11.30	2.03
26 27 26 00-0246	EA	2 Gang 0.04" Brass Switch Plate	20.42	2.35
26 27 26 00-0247	EA	3 Gang 0.04" Brass Switch Plate	29.44	2.62
26 27 26 00-0248	EA	4 Gang 0.04" Brass Switch Plate	45.14	2.85
26 27 26 00-0249	EA	5 Gang 0.04" Brass Switch Plate	54.75	3.03
26 27 26 00-0250	EA	6 Gang 0.04" Brass Switch Plate	63.19	3.16
26 27 26 00-0251	EA	1 Gang 0.04" Brass Duplex Receptacle Wall Plate	11.30	2.03
26 27 26 00-0252	EA	2 Gang 0.04" Brass Duplex Receptacle Wall Plate	23.72	2.35
26 27 26 00-0253	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	33.78	2.62
26 27 26 00-0254		Stainless Steel Wall Plates *(26 27 26 00-0222)*		
26 27 26 00-0255	EA	1 Gang, 302 Stainless Steel Switch Plate With Satin Finish	6.54	2.03
26 27 26 00-0256	EA	2 Gang, 302 Stainless Steel Switch Plate With Satin Finish	10.02	2.35
26 27 26 00-0257	EA	3 Gang, 302 Stainless Steel Switch Plate With Satin Finish	13.64	2.62
26 27 26 00-0258	EA	4 Gang, 302 Stainless Steel Switch Plate With Satin Finish	19.48	2.85
26 27 26 00-0259	EA	5 Gang, 302 Stainless Steel Switch Plate With Satin Finish	22.77	3.03
26 27 26 00-0260	EA	6 Gang, 302 Stainless Steel Switch Plate With Satin Finish	27.28	3.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0261	EA	1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	7.07	2.03
26 27 26 00-0262	EA	2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	11.25	2.35
26 27 26 00-0263	EA	3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	17.72	2.62
26 27 26 00-0264	EA	4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	21.26	2.85
26 27 26 00-0265		**Chrome Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0266	EA	1 Gang 0.040" Chrome Switch Plate With Chromium Finish	21.55	2.03
26 27 26 00-0267	EA	2 Gang 0.040" Chrome Switch Plate With Chromium Finish	39.62	2.35
26 27 26 00-0268	EA	3 Gang 0.040" Chrome Switch Plate With Chromium Finish	57.64	2.62
26 27 26 00-0269	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish	21.54	2.03
26 27 26 00-0270		**Weatherproof Covers** *(26 27 26 00-0221)*		
26 27 26 00-0271		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0272	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	8.49	0.45
26 27 26 00-0273	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	9.20	0.45
26 27 26 00-0274	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	9.20	0.45
26 27 26 00-0275	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	9.20	0.45
26 27 26 00-0276	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	11.29	0.68
26 27 26 00-0277	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	12.81	0.68
26 27 26 00-0278	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	12.96	0.68
26 27 26 00-0279	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	12.96	0.68
26 27 26 00-0280	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	17.59	0.68
26 27 26 00-0281	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	16.71	0.90
26 27 26 00-0282	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	18.26	0.90
26 27 26 00-0283		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0284	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	10.38	0.45
26 27 26 00-0285	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	33.02	0.45
26 27 26 00-0286	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	37.01	0.45
26 27 26 00-0287	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	10.30	0.45
26 27 26 00-0288	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	27.99	0.45
26 27 26 00-0289	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	46.53	0.45
26 27 26 00-0290	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	59.22	0.45
26 27 26 00-0291	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	12.96	0.68
26 27 26 00-0292	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	93.54	0.68
26 27 26 00-0293	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	21.67	0.90
26 27 26 00-0294	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	89.41	0.90
26 27 26 00-0295		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	3.41	0.45
26 27 26 00-0297	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	4.33	0.45
26 27 26 00-0298	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	5.83	0.68
26 27 26 00-0299	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	6.31	0.68
26 27 26 00-0300	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	6.31	0.68
26 27 26 00-0301	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	6.99	0.68
26 27 26 00-0302		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0303	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	33.28	0.45
26 27 26 00-0304		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0305	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.84	0.45
26 27 26 00-0306	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.84	0.45
26 27 26 00-0307	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	6.84	0.45
26 27 26 00-0308	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	8.50	0.68
26 27 26 00-0309	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	8.50	0.68
26 27 26 00-0310		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0311	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	47.44	0.45
26 27 26 00-0312		**Non Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0270)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0313	EA	Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	8.76	0.45
26 27 26 00-0314	EA	Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	9.44	0.68
26 27 26 00-0315	EA	Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	8.79	0.45
26 27 26 00-0316	EA	Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	19.27	0.45
26 27 26 00-0317	EA	Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	22.32	0.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0318	EA	20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	18.11	0.45
26 27 26 00-0319	EA	30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.52	0.45
26 27 26 00-0320	EA	50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	15.81	0.45
26 27 26 00-0321	EA	Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	14.14	0.45
26 27 26 00-0322	EA	Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	20.37	0.68
26 27 26 00-0323		Removal And Reinstallation Of Wiring Devices *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0324	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	59.33	
26 27 26 00-0325	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	7.52	
26 27 26 00-0326		Relay Systems *(26 27 26)*		
26 27 26 00-0327	EA	Relay 2 Position, 10 Amp, 24 Volt Coil	61.83	20.29
26 27 26 00-0328	EA	Industrial Control Relay 20 Amp, 120 Volt Coil Up To 4 Contacts	248.41	67.64
26 27 26 00-0329	EA	Industrial Control Relay 20 Amp, 120 Volt Coil 12 Contacts	406.82	90.19
26 27 26 00-0330		Limit Switches *(26 27 26)*		
26 27 26 00-0331		Heavy Duty Precision Oiltight *(26 27 26 00-0330)*		
26 27 26 00-0332		Lever Arm, Plunger, Wobble Stick Type *(26 27 26 00-0331)*		
26 27 26 00-0333	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	349.40	56.82
26 27 26 00-0334		In Line Midget Fuseholders *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0335	EA	Single Pole Water Resistant In Line Midget Fuseholder	57.27	
26 27 26 00-0336	EA	Double Pole Water Resistant In Line Midget Fuseholder	119.26	

26 27 73 Door Chimes *(26 27)*

26 27 73 00-0001		Door Chimes *(26 27 73)*		
26 27 73 00-0002	EA	Door Bell, Push-button And Transformer - Complete	489.76	187.86
26 27 73 00-0003	EA	Visual Flashing Doorbell Indicator, Wire To Existing System - Complete	197.21	45.09
26 27 73 00-0004	EA	Replacement Bell/Buzzer - Complete	80.25	22.55
		Note: Includes removal of existing.		

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001		125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*		
26 28 13 00-0002	EA	1 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.23	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0003	EA	2 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	18.85	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0004	EA	3 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	18.33	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0005	EA	5 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	18.26	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0006	EA	6 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	18.74	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0007	EA	8 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.79	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0008	EA	10 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.57	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0009	EA	15 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	15.72	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0010	EA	20 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	15.44	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0011	EA	25 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	15.97	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0012	EA	30 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	15.60	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0013		Class RK1, Time Delay Fuses *(26 28 13)*		
26 28 13 00-0014		250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0015	EA	1 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	28.34	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0016	EA	2 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.66	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0017	EA	3 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.83	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0018	EA	4 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	27.68	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0019	EA	5 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.51	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0020	EA	10 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	25.81	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0021		EA	15 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.96	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0022		EA	20 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.82	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0023		EA	25 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.97	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0024		EA	30 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	23.78	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0025		EA	35 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	31.67	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0026		EA	40 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	31.11	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0027		EA	45 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	31.53	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0028		EA	50 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	31.18	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0029		EA	60 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.67	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	

26 28 13 00-0030 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0031		EA	70 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	55.23	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0032		EA	80 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	54.95	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0033		EA	90 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	60.61	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0034		EA	100 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	54.50	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0035		EA	110 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	147.73	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0036		EA	125 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	109.13	8.12
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0037		EA	150 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	100.97	8.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0038		EA	200 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	106.12	8.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0039		EA	250 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	194.94	8.93
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0040		EA	300 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	210.41	11.00
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0041		EA	350 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	225.79	11.00
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0042		EA	400 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	175.33	11.00
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0043		EA	450 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	383.50	11.00
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0044		EA	500 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	364.48	13.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 28 13 00-0045		EA	600 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	285.81	13.44
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	

26 28 13 00-0046 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0047		EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.13	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0048		EA	2 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	39.46	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0049		EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.23	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0050		EA	4 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.97	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0051		EA	5 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.33	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0052		EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.56	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0053		EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	35.12	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0054		EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.88	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0055		EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.55	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0056		EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	35.03	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0057		EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.50	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0058		EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.61	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0059		EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	48.70	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0060		EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.13	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0061		EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	49.51	6.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0062		600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0063	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	90.93	8.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0064	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	93.46	8.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0065	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	92.97	8.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0066	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	93.35	8.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0067	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	167.46	8.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0068	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	169.93	8.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.95*	
26 28 13 00-0069	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	168.81	11.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0070	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	168.40	11.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0071	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	316.10	11.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 28 13 00-0072	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	319.23	13.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 28 13 00-0073	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	359.12	13.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 28 13 00-0074	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	326.01	13.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 28 13 00-0075	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	580.21	13.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 28 13 00-0076	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	519.04	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0077	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	453.74	16.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0078		600 Volt AC, Class CC Midget Fuses *(26 28 13)* Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amp, 600 Volt AC, Class CC Midget Fuse	32.15	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0080	EA	2 Amp, 600 Volt AC, Class CC Midget Fuse	32.59	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0081	EA	3 Amp, 600 Volt AC, Class CC Midget Fuse	32.47	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0082	EA	5 Amp, 600 Volt AC, Class CC Midget Fuse	32.33	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0083	EA	6 Amp, 600 Volt AC, Class CC Midget Fuse	34.42	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0084	EA	8 Amp, 600 Volt AC, Class CC Midget Fuse	31.07	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0085	EA	10 Amp, 600 Volt AC, Class CC Midget Fuse	35.01	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0086	EA	15 Amp, 600 Volt AC, Class CC Midget Fuse	32.34	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0087	EA	20 Amp, 600 Volt AC, Class CC Midget Fuse	31.79	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0088	EA	25 Amp, 600 Volt AC, Class CC Midget Fuse	30.53	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0089	EA	30 Amp, 600 Volt AC, Class CC Midget Fuse	31.60	6.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.33*	
26 28 13 00-0090		200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse *(26 28 13)*		
26 28 13 00-0091	EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	39.41	4.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 28 13 00-0092	EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	39.71	4.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.71*	
26 28 13 00-0093	EA	6 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	34.89	5.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.25*	
26 28 13 00-0094	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	35.26	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 28 13 00-0095	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	35.96	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 28 13 00-0096	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	35.34	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 28 13 00-0097	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	45.18	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0098	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	38.21	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0099	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	64.23	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0100	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	55.27	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0101	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	62.86	9.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.41*	
26 28 13 00-0102	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	57.06	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 28 13 00-0103	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	56.09	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0104	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	85.57	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 28 13 00-0105	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	90.90	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 28 13 00-0106	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	89.54	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 28 13 00-0107	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	79.93	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0108	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	179.18	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0109	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	153.17	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0110	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	147.18	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0111	EA	175 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	149.25	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0112	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	125.05	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0113	EA	225 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	306.00	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0114	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	283.42	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0115	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	261.69	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0116	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	284.82	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0117	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	237.17	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0118	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	495.21	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0119	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	422.32	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 28 13 00-0120	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	316.31	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	937.15	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 28 13 00-0123	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	938.99	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 28 13 00-0124	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	940.71	11.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.77*	
26 28 13 00-0125	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	938.62	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 28 13 00-0126	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	864.89	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.12*	
26 28 13 00-0127	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	925.98	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0128	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	852.78	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0129	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	953.02	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0130	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	934.55	15.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.47*	
26 28 13 00-0131	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	832.89	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0132	EA	601 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	855.11	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0133	EA	650 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,134.33	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0134	EA	700 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	828.87	18.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.82*	
26 28 13 00-0135	EA	750 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,269.60	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0136	EA	800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	734.98	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0137	EA	900 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,069.26	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0138	EA	1,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	722.76	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0139	EA	1,200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	744.01	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0140	EA	1,350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,643.24	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0141	EA	1,400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,620.28	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0142	EA	1,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,462.72	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0143	EA	1,600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	918.16	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 28 13 00-0144	EA	1,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,934.88	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 28 13 00-0145	EA	2,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,242.24	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 28 13 00-0146	EA	2,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,675.85	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	
26 28 13 00-0147	EA	2,501 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,847.93	22.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0148	EA	3,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,868.07	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 28 13 00-0149	EA	3,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,851.49	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 28 13 00-0150	EA	3,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,467.31	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 28 13 00-0151	EA	4,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,587.78	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 28 13 00-0152	EA	5,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,077.61	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	
26 28 13 00-0153	EA	6,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,742.90	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.88*	

26 28 16 Enclosed Switches And Circuit Breakers *(26 28)*

26 28 16 00-0001 Motor And Circuit Disconnects *(26 28 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

26 28 16 00-0002 NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0001)*

26 28 16 00-0003 Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0002)*

Note: Includes fuses and neutral bar.

26 28 16 00-0004 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*

26 28 16 00-0005	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	313.29	90.19
26 28 16 00-0006	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	483.19	108.67
26 28 16 00-0007	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	657.91	127.16
26 28 16 00-0008	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,128.13	200.21
26 28 16 00-0009	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,366.99	311.14
26 28 16 00-0010	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,936.13	459.95
26 28 16 00-0011	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,345.69	541.10
26 28 16 00-0012	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,150.80	631.29

26 28 16 00-0013 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*

26 28 16 00-0014	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	466.50	100.20
26 28 16 00-0015	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	562.79	120.76
26 28 16 00-0016	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	880.88	141.14
26 28 16 00-0017	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,306.36	222.76
26 28 16 00-0018	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,811.49	345.59
26 28 16 00-0019	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,374.93	510.81
26 28 16 00-0020	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,426.61	600.90
26 28 16 00-0021	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,746.88	701.45

26 28 16 00-0022 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*

26 28 16 00-0023	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	449.45	141.59
26 28 16 00-0024	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	656.42	188.04
26 28 16 00-0025	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	871.51	208.78
26 28 16 00-0026	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,377.65	326.92
26 28 16 00-0027	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,822.07	536.59
26 28 16 00-0028	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,556.20	751.69

26 28 16 00-0029 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*

26 28 16 00-0030	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	579.23	156.47
26 28 16 00-0031	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	738.91	208.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0032	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,068.42	234.93
26 28 16 00-0033	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,576.53	358.04
26 28 16 00-0034	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,450.02	578.08
26 28 16 00-0035	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,525.16	835.11
26 28 16 00-0036	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,697.81	992.03
26 28 16 00-0037	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,078.82	1,127.31
26 28 16 00-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*		
26 28 16 00-0039	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	436.68	141.59
26 28 16 00-0040	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	639.92	188.04
26 28 16 00-0041	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	841.50	208.78
26 28 16 00-0042	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,418.93	326.92
26 28 16 00-0043	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,054.69	536.59
26 28 16 00-0044	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,906.16	751.69
26 28 16 00-0045	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,037.13	946.94
26 28 16 00-0046	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,886.86	1,082.22
26 28 16 00-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0003)*		
26 28 16 00-0048	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	626.07	156.47
26 28 16 00-0049	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	796.47	208.78
26 28 16 00-0050	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,152.58	234.93
26 28 16 00-0051	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,702.52	358.04
26 28 16 00-0052	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,718.83	578.08
26 28 16 00-0053	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,999.91	835.11
26 28 16 00-0054	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,486.01	992.03
26 28 16 00-0055	EA	1,200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,930.24	1,127.31
26 28 16 00-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0002)*		
26 28 16 00-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0058	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	305.21	130.50
26 28 16 00-0059	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	469.97	181.54
26 28 16 00-0060	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	639.60	208.78
26 28 16 00-0061	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,003.25	334.05
26 28 16 00-0062	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,001.11	556.70
26 28 16 00-0063	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,242.27	759.17
26 28 16 00-0064	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,597.10	901.84
26 28 16 00-0065	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,043.34	1,052.54
26 28 16 00-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0067	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	337.10	144.03
26 28 16 00-0068	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	531.82	203.73
26 28 16 00-0069	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	722.13	231.96
26 28 16 00-0070	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,121.30	363.09

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0071	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,152.87	596.48
26 28 16 00-0072	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,585.73	835.02
26 28 16 00-0073	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,078.92	901.84
26 28 16 00-0074	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,703.17	1,052.54
26 28 16 00-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0076	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	359.69	117.24
26 28 16 00-0077	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	545.76	163.24
26 28 16 00-0078	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	726.76	188.04
26 28 16 00-0079	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,143.41	300.77
26 28 16 00-0080	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,259.76	500.98
26 28 16 00-0081	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,606.48	683.14
26 28 16 00-0082	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,099.71	811.66
26 28 16 00-0083	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,916.37	946.94
26 28 16 00-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0085	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	392.86	129.42
26 28 16 00-0086	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	601.24	183.53
26 28 16 00-0087	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	793.58	208.78
26 28 16 00-0088	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,234.41	326.92
26 28 16 00-0089	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,421.16	536.59
26 28 16 00-0090	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,903.13	751.69
26 28 16 00-0091	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,418.29	811.66
26 28 16 00-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0093	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	416.63	129.60
26 28 16 00-0094	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	641.78	183.35
26 28 16 00-0095	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	859.50	208.78
26 28 16 00-0096	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,335.95	326.74
26 28 16 00-0097	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,563.19	536.77
26 28 16 00-0098	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,323.46	751.51
26 28 16 00-0099	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,898.32	811.66
26 28 16 00-0100	EA	1,200 Amp, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,991.43	946.94
26 28 16 00-0101		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0102	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	587.98	117.42
26 28 16 00-0103	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	716.97	163.42
26 28 16 00-0104	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,079.89	187.86
26 28 16 00-0105	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,626.37	300.59
26 28 16 00-0106		480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0107	EA	30 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	637.51	129.42
26 28 16 00-0108	EA	60 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	784.71	183.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0109	EA	100 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,171.94	208.78
26 28 16 00-0110	EA	200 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,751.89	326.92
26 28 16 00-0111		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0056)*		
26 28 16 00-0112	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	703.67	129.60
26 28 16 00-0113	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	857.68	183.35
26 28 16 00-0114	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,303.16	208.78
26 28 16 00-0115	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,943.03	326.74
26 28 16 00-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0002)*		
		Note: Includes fuses and neutral bar.		
26 28 16 00-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0116)*		
26 28 16 00-0118	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	222.29	78.46
26 28 16 00-0119	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	299.15	94.42
26 28 16 00-0120	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	449.39	110.39
26 28 16 00-0121	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	822.51	174.15
26 28 16 00-0122	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,911.82	270.11
26 28 16 00-0123	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,542.82	399.79
26 28 16 00-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0116)*		
26 28 16 00-0125	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	311.79	123.28
26 28 16 00-0126	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	436.81	163.42
26 28 16 00-0127	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	591.68	181.54
26 28 16 00-0128	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,043.33	284.17
26 28 16 00-0129	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,306.93	466.80
26 28 16 00-0130	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,053.71	653.47
26 28 16 00-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0116)*		
26 28 16 00-0132	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	342.65	123.28
26 28 16 00-0133	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	486.58	163.42
26 28 16 00-0134	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	636.97	181.54
26 28 16 00-0135	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,157.41	284.17
26 28 16 00-0136	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,501.94	466.80
26 28 16 00-0137	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,177.33	653.47
26 28 16 00-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0002)*		
26 28 16 00-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0138)*		
26 28 16 00-0140	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	304.34	109.12
26 28 16 00-0141	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	398.97	125.45
26 28 16 00-0142	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	875.49	200.48
26 28 16 00-0143	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,847.94	333.69
26 28 16 00-0144	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,161.05	454.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0138)*		
26 28 16 00-0146	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	287.20	102.09
26 28 16 00-0147	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	394.19	142.04
26 28 16 00-0148	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	583.30	163.42
26 28 16 00-0149	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	997.86	261.45
26 28 16 00-0150	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,052.66	435.78
26 28 16 00-0151	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,440.94	593.95
26 28 16 00-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0001)*		
26 28 16 00-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 00-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0155	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	451.91	105.97
26 28 16 00-0156	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	706.09	127.16
26 28 16 00-0157	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	879.09	147.90
26 28 16 00-0158	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,289.56	225.46
26 28 16 00-0159	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,806.94	360.74
26 28 16 00-0160	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,872.74	481.14
26 28 16 00-0161	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,249.97	541.10
26 28 16 00-0162	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,580.35	631.29
26 28 16 00-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0164	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	765.04	141.23
26 28 16 00-0165	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	912.53	173.16
26 28 16 00-0166	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,280.68	198.86
26 28 16 00-0167	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,809.99	298.24
26 28 16 00-0168	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,889.02	487.99
26 28 16 00-0169	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,081.76	671.06
26 28 16 00-0170	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,345.78	772.70
26 28 16 00-0171	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,402.67	869.83
26 28 16 00-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0173	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	586.34	166.84
26 28 16 00-0174	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	917.07	220.95
26 28 16 00-0175	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,097.89	242.60
26 28 16 00-0176	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,632.95	375.62
26 28 16 00-0177	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,473.77	626.33
26 28 16 00-0178	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,729.76	835.11
26 28 16 00-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0180	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	879.54	197.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0181	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,051.43	242.42
26 28 16 00-0182	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,393.38	278.31
26 28 16 00-0183	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,028.20	417.56
26 28 16 00-0184	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,210.46	683.24
26 28 16 00-0185	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,514.36	939.45
26 28 16 00-0186	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,560.59	1,082.22
26 28 16 00-0187	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,617.49	1,217.49
26 28 16 00-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0189	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	638.68	166.84
26 28 16 00-0190	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	918.59	220.95
26 28 16 00-0191	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,171.48	242.60
26 28 16 00-0192	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,682.04	375.62
26 28 16 00-0193	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,518.79	626.33
26 28 16 00-0194	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,225.03	835.11
26 28 16 00-0195	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,251.98	946.94
26 28 16 00-0196	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,749.06	1,082.22
26 28 16 00-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0153)*		
26 28 16 00-0198	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	909.57	197.96
26 28 16 00-0199	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,085.19	242.60
26 28 16 00-0200	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,468.42	278.22
26 28 16 00-0201	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,076.97	417.56
26 28 16 00-0202	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,386.81	683.14
26 28 16 00-0203	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,716.97	939.27
26 28 16 00-0204	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,198.58	1,082.22
26 28 16 00-0205	EA	1,200 Amp, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,458.44	1,217.49
26 28 16 00-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0152)*		
26 28 16 00-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0206)*		
26 28 16 00-0208	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	426.64	92.80
26 28 16 00-0209	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	689.62	128.51
26 28 16 00-0210	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	900.16	147.36
26 28 16 00-0211	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,210.60	238.63
26 28 16 00-0212	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,654.83	398.08
26 28 16 00-0213	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,782.06	530.73
26 28 16 00-0214	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,626.06	631.56
26 28 16 00-0215	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,033.40	721.74
26 28 16 00-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0206)*		
26 28 16 00-0217	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	479.68	102.27
26 28 16 00-0218	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	780.77	143.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0219	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,014.98	161.61
26 28 16 00-0220	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,339.26	250.54
26 28 16 00-0221	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,002.60	417.56
26 28 16 00-0222	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,158.07	556.70
26 28 16 00-0223	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,129.35	661.59
26 28 16 00-0224	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,691.10	751.51
26 28 16 00-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0206)*		
26 28 16 00-0226	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	519.43	139.16
26 28 16 00-0227	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	818.08	192.73
26 28 16 00-0228	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,047.52	221.04
26 28 16 00-0229	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,449.18	357.95
26 28 16 00-0230	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,090.60	597.02
26 28 16 00-0231	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,386.62	795.88
26 28 16 00-0232	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,340.07	946.94
26 28 16 00-0233	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,989.79	1,082.22
26 28 16 00-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0206)*		
26 28 16 00-0235	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	565.05	153.32
26 28 16 00-0236	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	893.03	214.73
26 28 16 00-0237	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,133.55	242.42
26 28 16 00-0238	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,537.36	375.80
26 28 16 00-0239	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,284.43	626.24
26 28 16 00-0240	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,735.49	835.02
26 28 16 00-0241	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,890.50	992.03
26 28 16 00-0242	EA	1,200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,708.89	1,127.31
26 28 16 00-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0206)*		
26 28 16 00-0244	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	326.28	153.32
26 28 16 00-0245	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	923.92	214.73
26 28 16 00-0246	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,176.61	242.42
26 28 16 00-0247	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,589.77	375.80
26 28 16 00-0248	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,420.12	626.24
26 28 16 00-0249	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,714.76	835.02
26 28 16 00-0250	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,878.89	992.03
26 28 16 00-0251	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,693.08	1,127.31
26 28 16 00-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 00-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0252)*		
26 28 16 00-0254	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	284.75	92.17
26 28 16 00-0255	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	395.84	110.57
26 28 16 00-0256	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	515.55	128.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0257	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,036.64	196.06
26 28 16 00-0258	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,485.42	313.67
26 28 16 00-0259	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,363.45	418.46
26 28 16 00-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0252)*		
26 28 16 00-0261	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	391.31	145.29
26 28 16 00-0262	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	559.34	192.19
26 28 16 00-0263	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	679.67	210.85
26 28 16 00-0264	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,298.69	326.74
26 28 16 00-0265	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,948.53	544.53
26 28 16 00-0266	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,985.32	726.34
26 28 16 00-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0252)*		
26 28 16 00-0268	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	434.55	145.20
26 28 16 00-0269	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	602.79	192.19
26 28 16 00-0270	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	819.38	210.85
26 28 16 00-0271	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,388.90	326.74
26 28 16 00-0272	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,006.48	544.62
26 28 16 00-0273	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,437.36	726.34
26 28 16 00-0274	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,704.90	822.84
26 28 16 00-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0152)*		
26 28 16 00-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0275)*		
26 28 16 00-0277	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	256.19	80.72
26 28 16 00-0278	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	413.10	111.74
26 28 16 00-0279	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	437.48	128.15
26 28 16 00-0280	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,059.82	207.43
26 28 16 00-0281	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,550.72	346.13
26 28 16 00-0282	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,451.51	461.48
26 28 16 00-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 00-0275)*		
26 28 16 00-0284	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	399.39	121.03
26 28 16 00-0285	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	572.93	167.56
26 28 16 00-0286	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	822.71	192.19
26 28 16 00-0287	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,408.55	311.23
26 28 16 00-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0001)*		
26 28 16 00-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 00-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0291	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,142.15	90.19
26 28 16 00-0292	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,372.11	108.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0293	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,770.66	126.98
26 28 16 00-0294	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,839.63	200.39
26 28 16 00-0295	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,776.72	310.96
26 28 16 00-0296	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,182.30	459.77
26 28 16 00-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0298	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,445.11	100.20
26 28 16 00-0299	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,609.83	120.67
26 28 16 00-0300	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,996.77	141.05
26 28 16 00-0301	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,242.37	222.76
26 28 16 00-0302	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,083.09	345.77
26 28 16 00-0303	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,594.52	510.81
26 28 16 00-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0305	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,295.69	141.77
26 28 16 00-0306	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,627.07	187.86
26 28 16 00-0307	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,058.69	208.78
26 28 16 00-0308	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,357.09	326.74
26 28 16 00-0309	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,465.12	536.77
26 28 16 00-0310	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,076.03	751.51
26 28 16 00-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0312	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,561.72	156.56
26 28 16 00-0313	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,790.21	208.78
26 28 16 00-0314	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,192.77	234.84
26 28 16 00-0315	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,524.38	357.86
26 28 16 00-0316	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,749.47	578.08
26 28 16 00-0317	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,453.88	835.02
26 28 16 00-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0319	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,540.42	141.77
26 28 16 00-0320	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,933.01	187.86
26 28 16 00-0321	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,670.87	208.78
26 28 16 00-0322	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,194.22	326.74
26 28 16 00-0323	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,112.70	536.77
26 28 16 00-0324	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,340.19	751.51
26 28 16 00-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0289)*		
26 28 16 00-0326	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,850.90	156.56
26 28 16 00-0327	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,118.13	208.78
26 28 16 00-0328	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,817.65	234.84
26 28 16 00-0329	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,368.50	357.86
26 28 16 00-0330	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,419.28	578.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0331	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,748.92	835.02
26 28 16 00-0332		Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0288)*		
26 28 16 00-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0334	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,096.99	90.19
26 28 16 00-0335	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,340.07	125.45
26 28 16 00-0336	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,494.26	144.30
26 28 16 00-0337	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,470.02	230.51
26 28 16 00-0338	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,306.33	383.83
26 28 16 00-0339	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,023.91	522.89
26 28 16 00-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0341	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,246.59	99.47
26 28 16 00-0342	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,526.00	140.69
26 28 16 00-0343	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,841.42	160.35
26 28 16 00-0344	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,939.95	250.54
26 28 16 00-0345	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,154.57	412.33
26 28 16 00-0346	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,272.34	577.18
26 28 16 00-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0348	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,151.47	117.42
26 28 16 00-0349	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,398.54	163.42
26 28 16 00-0350	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,464.88	187.86
26 28 16 00-0351	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,806.88	300.59
26 28 16 00-0352	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,011.00	501.07
26 28 16 00-0353	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,607.31	683.24
26 28 16 00-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0355	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,306.71	129.60
26 28 16 00-0356	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,611.30	183.35
26 28 16 00-0357	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,938.27	208.78
26 28 16 00-0358	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,092.32	326.74
26 28 16 00-0359	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,135.18	536.77
26 28 16 00-0360	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,921.23	751.51
26 28 16 00-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0362	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,569.85	117.42
26 28 16 00-0363	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,889.28	163.42
26 28 16 00-0364	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,196.34	187.86
26 28 16 00-0365	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,405.78	300.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0332)*		
26 28 16 00-0367	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,784.87	129.60
26 28 16 00-0368	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,152.35	183.35
26 28 16 00-0369	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,783.89	208.78
26 28 16 00-0370	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,287.28	326.74
26 28 16 00-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0288)*		
26 28 16 00-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0371)*		
26 28 16 00-0373	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,077.50	156.47
26 28 16 00-0374	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,377.37	208.78
26 28 16 00-0375	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,230.22	234.93
26 28 16 00-0376	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,522.16	358.04
26 28 16 00-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0371)*		
26 28 16 00-0378	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,940.20	129.42
26 28 16 00-0379	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,234.89	183.53
26 28 16 00-0380	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,994.90	208.78
26 28 16 00-0381	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,443.42	326.92
26 28 16 00-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0288)*		
26 28 16 00-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0382)*		
26 28 16 00-0384	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,368.67	156.47
26 28 16 00-0385	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,703.18	208.78
26 28 16 00-0386	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,846.38	234.93
26 28 16 00-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0382)*		
26 28 16 00-0388	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,215.70	129.42
26 28 16 00-0389	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,543.38	183.53
26 28 16 00-0390	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,586.32	208.78
26 28 16 00-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 00-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 00-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 00-0391)* Note: With fuses and neutral bar.		
26 28 16 00-0393	EA	30 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,890.68	180.37
26 28 16 00-0394	EA	60 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,959.39	214.73
26 28 16 00-0395	EA	100 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,372.70	242.42
26 28 16 00-0396	EA	200 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,992.44	375.80
26 28 16 00-0397		Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0391)*		
26 28 16 00-0398	EA	60 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,491.37	214.73
26 28 16 00-0399	EA	100 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,742.63	242.42
26 28 16 00-0400	EA	200 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,182.24	375.80
26 28 16 00-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0001)*		
26 28 16 00-0402		Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0401)* Note: With fuses and neutral bar.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0403		**240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0404	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	434.38	90.19
26 28 16 00-0405	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	564.47	108.67
26 28 16 00-0406	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	763.74	127.16
26 28 16 00-0407	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,283.94	200.21
26 28 16 00-0408	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,704.32	311.14
26 28 16 00-0409	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,851.61	459.95
26 28 16 00-0410		**600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0411	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	669.42	100.11
26 28 16 00-0412	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	695.53	120.85
26 28 16 00-0413	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	991.85	141.14
26 28 16 00-0414	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,552.42	222.76
26 28 16 00-0415	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,344.27	345.41
26 28 16 00-0416	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,562.49	510.89
26 28 16 00-0417		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0418	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	608.73	141.59
26 28 16 00-0419	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	840.62	188.04
26 28 16 00-0420	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,132.99	208.78
26 28 16 00-0421	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,689.03	326.92
26 28 16 00-0422	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,283.56	536.59
26 28 16 00-0423	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,237.87	751.69
26 28 16 00-0424		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0425	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	800.91	156.47
26 28 16 00-0426	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	916.54	208.78
26 28 16 00-0427	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,328.93	234.93
26 28 16 00-0428	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,938.91	358.04
26 28 16 00-0429	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,011.49	578.08
26 28 16 00-0430	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,470.70	835.11
26 28 16 00-0431		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0432	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	647.55	141.59
26 28 16 00-0433	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	867.29	188.04
26 28 16 00-0434	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,216.70	208.78
26 28 16 00-0435	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,794.13	326.92
26 28 16 00-0436	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,564.98	536.59
26 28 16 00-0437	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,427.98	751.69
26 28 16 00-0438		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 00-0402)*		
26 28 16 00-0439	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	845.92	156.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0440	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,036.61	208.78
26 28 16 00-0441	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,411.48	234.93
26 28 16 00-0442	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,096.49	358.04
26 28 16 00-0443	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,266.63	578.08
26 28 16 00-0444	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,680.81	835.11
26 28 16 00-0445		Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0401)*		
26 28 16 00-0446		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0447	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	453.27	130.32
26 28 16 00-0448	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	602.84	181.72
26 28 16 00-0449	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	792.81	208.78
26 28 16 00-0450	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,138.04	334.14
26 28 16 00-0451	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,466.43	556.89
26 28 16 00-0452	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,880.55	759.35
26 28 16 00-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0454	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	504.94	143.85
26 28 16 00-0455	EA	60 Amp, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	670.37	203.82
26 28 16 00-0456	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	883.48	231.78
26 28 16 00-0457	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,236.53	363.00
26 28 16 00-0458	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,613.32	596.57
26 28 16 00-0459	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,287.36	835.11
26 28 16 00-0460		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0461	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	584.12	117.24
26 28 16 00-0462	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	770.97	163.24
26 28 16 00-0463	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,018.37	188.04
26 28 16 00-0464	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,462.55	300.77
26 28 16 00-0465	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,044.29	500.98
26 28 16 00-0466	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,774.40	683.14
26 28 16 00-0467		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0468	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	575.83	129.42
26 28 16 00-0469	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	835.61	183.53
26 28 16 00-0470	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,092.88	208.78
26 28 16 00-0471	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,452.69	326.92
26 28 16 00-0472	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,065.96	536.59
26 28 16 00-0473	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,667.83	751.69
26 28 16 00-0474		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0475	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	695.20	117.24
26 28 16 00-0476	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	834.14	163.24
26 28 16 00-0477	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,277.14	188.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0478	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,025.95	300.77
26 28 16 00-0479	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,620.26	383.29
26 28 16 00-0480		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 00-0445)*		
26 28 16 00-0481	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	724.41	129.42
26 28 16 00-0482	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	910.65	183.53
26 28 16 00-0483	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,366.78	208.78
26 28 16 00-0484	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,086.78	326.92
26 28 16 00-0485	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,878.29	505.04
26 28 16 00-0486		Double Throw Safety Switches *(26 28 16 00-0001)*		
26 28 16 00-0487		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0486)*		
26 28 16 00-0488		240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0487)*		
26 28 16 00-0489	EA	30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	546.10	115.89
26 28 16 00-0490	EA	60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	800.73	151.51
26 28 16 00-0491	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,118.76	197.96
26 28 16 00-0492	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,489.91	257.48
26 28 16 00-0493	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,505.16	321.96
26 28 16 00-0494	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,355.95	516.30
26 28 16 00-0495	EA	800 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	7,330.20	721.47
26 28 16 00-0496	EA	1,000 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	10,726.96	811.66
26 28 16 00-0497	EA	1,200 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	12,623.06	901.84
26 28 16 00-0498		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0487)*		
26 28 16 00-0499	EA	30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	693.93	162.33
26 28 16 00-0500	EA	60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	964.23	211.94
26 28 16 00-0501	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,438.76	277.32
26 28 16 00-0502	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,098.74	360.74
26 28 16 00-0503	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,832.19	450.93
26 28 16 00-0504	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,770.98	721.47
26 28 16 00-0505	EA	800 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	7,915.99	811.66
26 28 16 00-0506	EA	1,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	11,244.15	901.84
26 28 16 00-0507	EA	1,200 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	13,307.88	992.03
26 28 16 00-0508	EA	1,600 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	15,421.54	1,172.40
26 28 16 00-0509	EA	2,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	17,557.86	1,352.77
26 28 16 00-0510	EA	2,600 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	23,816.17	1,533.14
26 28 16 00-0511	EA	3,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	26,167.85	1,713.50
26 28 16 00-0512		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0487)*		
26 28 16 00-0513	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	918.18	202.92
26 28 16 00-0514	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,326.74	265.15
26 28 16 00-0515	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,317.26	346.31
26 28 16 00-0516	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,167.00	450.03
26 28 16 00-0517	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,279.46	563.65
26 28 16 00-0518	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,001.86	903.20
26 28 16 00-0519	EA	800 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	10,081.97	992.03
26 28 16 00-0520	EA	1,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	13,326.88	1,037.12
26 28 16 00-0521	EA	1,200 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	14,924.07	1,082.22
26 28 16 00-0522	EA	1,600 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	18,198.27	1,262.59
26 28 16 00-0523	EA	2,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	20,937.00	1,442.96
26 28 16 00-0524	EA	2,600 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	29,612.46	1,623.32
26 28 16 00-0525	EA	3,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	32,744.26	1,803.69
26 28 16 00-0526		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0487)*		
26 28 16 00-0527	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	917.79	151.51
26 28 16 00-0528	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,371.06	197.96
26 28 16 00-0529	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,010.79	257.48
26 28 16 00-0530	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,656.63	321.96
26 28 16 00-0531	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,895.42	516.30
26 28 16 00-0532	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	7,918.92	721.47
26 28 16 00-0533	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	11,637.32	811.66
26 28 16 00-0534	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	13,705.00	901.84

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0535		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0487)*		
26 28 16 00-0536	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,038.51	211.94
26 28 16 00-0537	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,529.35	277.32
26 28 16 00-0538	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,216.42	360.74
26 28 16 00-0539	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,914.34	450.93
26 28 16 00-0540	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,306.94	721.47
26 28 16 00-0541	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	8,545.26	811.66
26 28 16 00-0542	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	12,188.20	901.84
26 28 16 00-0543	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	14,440.26	992.03
26 28 16 00-0544	EA	1,600 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	16,729.21	1,172.40
26 28 16 00-0545	EA	2,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	19,043.09	1,352.77
26 28 16 00-0546	EA	2,600 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	25,891.16	1,533.14
26 28 16 00-0547	EA	3,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	28,441.94	1,713.50
26 28 16 00-0548		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0487)*		
26 28 16 00-0549	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,400.05	265.15
26 28 16 00-0550	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,423.10	346.31
26 28 16 00-0551	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,386.04	450.03
26 28 16 00-0552	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,745.98	563.65
26 28 16 00-0553	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,523.92	903.20
26 28 16 00-0554	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	10,891.76	992.03
26 28 16 00-0555	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	14,452.14	1,037.12
26 28 16 00-0556	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	16,200.03	1,082.22
26 28 16 00-0557	EA	1,600 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	19,765.58	1,262.59
26 28 16 00-0558	EA	2,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	22,742.11	1,442.96
26 28 16 00-0559	EA	2,600 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	32,249.04	1,623.32
26 28 16 00-0560	EA	3,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	35,657.95	1,803.69
26 28 16 00-0561		**NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0486)*		
26 28 16 00-0562		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0563	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,384.06	197.96
26 28 16 00-0564	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,118.24	257.48
26 28 16 00-0565	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,064.69	321.96
26 28 16 00-0566	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	17,323.55	516.30
26 28 16 00-0567		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0568	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,819.19	276.87
26 28 16 00-0569	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,912.25	360.29
26 28 16 00-0570	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,411.16	450.93
26 28 16 00-0571	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,380.79	722.83
26 28 16 00-0572		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0573	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,735.16	203.01
26 28 16 00-0574	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,155.51	264.96
26 28 16 00-0575	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,015.12	346.22
26 28 16 00-0576	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,346.18	450.21
26 28 16 00-0577	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,322.07	563.65
26 28 16 00-0578	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,611.27	903.29
26 28 16 00-0579		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0580	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,169.16	151.51
26 28 16 00-0581	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,770.22	197.96
26 28 16 00-0582	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,193.24	257.48
26 28 16 00-0583	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,094.88	321.96
26 28 16 00-0584	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,169.76	516.30
26 28 16 00-0585		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0586	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,336.07	211.94
26 28 16 00-0587	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,001.01	276.87
26 28 16 00-0588	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,539.82	360.29
26 28 16 00-0589	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,639.50	450.93
26 28 16 00-0590	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,956.44	722.83
26 28 16 00-0591		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 00-0561)*		
26 28 16 00-0592	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,172.47	264.96
26 28 16 00-0593	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,022.89	346.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0594	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,454.22	450.21
26 28 16 00-0595	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,309.32	563.65
26 28 16 00-0596	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,681.59	903.29
26 28 16 00-0597		NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0486)*		
26 28 16 00-0598		240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0599	EA	30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,375.32	115.98
26 28 16 00-0600	EA	60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,563.56	151.42
26 28 16 00-0601	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,776.79	197.87
26 28 16 00-0602	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,438.46	257.30
26 28 16 00-0603	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,510.84	322.05
26 28 16 00-0604	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,627.98	516.12
26 28 16 00-0605		240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0606	EA	30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,588.76	162.33
26 28 16 00-0607	EA	60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,884.88	211.94
26 28 16 00-0608	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,244.09	276.87
26 28 16 00-0609	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,121.35	360.29
26 28 16 00-0610	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,630.51	450.93
26 28 16 00-0611	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,476.37	722.83
26 28 16 00-0612		240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0613	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,362.30	203.01
26 28 16 00-0614	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,771.72	264.96
26 28 16 00-0615	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,795.27	346.22
26 28 16 00-0616	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,150.29	450.21
26 28 16 00-0617	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,456.79	563.65
26 28 16 00-0618	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,807.44	903.29
26 28 16 00-0619		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0620	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,048.97	151.42
26 28 16 00-0621	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,165.63	197.87
26 28 16 00-0622	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,072.35	257.30
26 28 16 00-0623	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,862.62	322.05
26 28 16 00-0624	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,896.11	516.12
26 28 16 00-0625		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0626	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,262.00	211.94
26 28 16 00-0627	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,417.16	276.87
26 28 16 00-0628	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,465.06	360.29
26 28 16 00-0629	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,394.79	450.93
26 28 16 00-0630	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,668.08	722.83
26 28 16 00-0631		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 00-0597)*		
26 28 16 00-0632	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,799.38	264.96
26 28 16 00-0633	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,999.26	346.22
26 28 16 00-0634	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,270.53	450.21
26 28 16 00-0635	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,715.59	563.65
26 28 16 00-0636	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,150.48	903.29
26 28 16 00-0637		Removal And Reinstallation Of Disconnect Switches *(26 28 16 00-0001)* Note: Includes storage and cleaning.		
26 28 16 00-0638	EA	Removal And Reinstallation Of Up To 100 Amp Safety Disconnect Switch	450.93	
26 28 16 00-0639	EA	Removal And Reinstallation Of >100 To 200 Amp Safety Disconnect Switch	586.23	
26 28 16 00-0640	EA	Removal And Reinstallation Of >200 To 300 Amp Safety Disconnect Switch	653.89	
26 28 16 00-0641	EA	Removal And Reinstallation Of >300 To 400 Amp Safety Disconnect Switch	766.62	
26 28 16 00-0642		Bolted Contact Switches *(26 28 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 00-0643		Electrical Trip, Bolted Contact Switches *(26 28 16 00-0642)*		
26 28 16 00-0644		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 00-0643)*		
26 28 16 00-0645	EA	800 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	5,728.01	901.84
26 28 16 00-0646	EA	1,200 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	6,257.12	1,082.22
26 28 16 00-0647	EA	1,600 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	6,854.22	1,262.59
26 28 16 00-0648	EA	2,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	7,295.91	1,442.96
26 28 16 00-0649	EA	2,500 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	8,236.23	1,623.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0650	EA	3,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	10,206.19	1,803.69
26 28 16 00-0651	EA	4,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	13,615.11	2,164.43
26 28 16 00-0652		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 00-0643)*		
26 28 16 00-0653	EA	800 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	6,042.08	901.84
26 28 16 00-0654	EA	1,200 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	6,632.71	1,082.22
26 28 16 00-0655	EA	1,600 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	7,226.58	1,262.59
26 28 16 00-0656	EA	2,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	7,830.16	1,442.96
26 28 16 00-0657	EA	2,500 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	8,812.57	1,623.32
26 28 16 00-0658	EA	3,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	11,287.64	1,803.69
26 28 16 00-0659	EA	4,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	14,741.90	2,164.43
26 28 16 00-0660		Manually Operated, Bolted Contact Switches *(26 28 16 00-0642)*		
26 28 16 00-0661		Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 00-0660)*		
26 28 16 00-0662	EA	800 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	4,316.29	901.84
26 28 16 00-0663	EA	1,200 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	4,862.24	1,082.22
26 28 16 00-0664	EA	1,600 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	5,434.73	1,262.59
26 28 16 00-0665	EA	2,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	6,003.35	1,442.96
26 28 16 00-0666	EA	2,500 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	6,604.34	1,623.32
26 28 16 00-0667	EA	3,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	8,574.30	1,803.69
26 28 16 00-0668	EA	4,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	11,944.37	2,164.43
26 28 16 00-0669		Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 00-0660)*		
26 28 16 00-0670	EA	800 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	4,524.16	901.84
26 28 16 00-0671	EA	1,200 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	5,176.31	1,082.22
26 28 16 00-0672	EA	1,600 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	5,739.09	1,262.59
26 28 16 00-0673	EA	2,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	6,405.49	1,442.96
26 28 16 00-0674	EA	2,500 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	7,109.45	1,623.32
26 28 16 00-0675	EA	3,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	9,574.80	1,803.69
26 28 16 00-0676	EA	4,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	12,993.44	2,164.43

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001 Manual Motor Starters *(26 29 13 13)*

26 29 13 13-0002 Fractional HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	178.01	45.16
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.43*	
		For Oversized Enclosure, Add	*24.47*	
		For Pilot Light, Add	*35.89*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	233.26	58.71
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.43*	
		For Oversized Enclosure, Add	*24.47*	
		For Pilot Light, Add	*35.89*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	202.48	45.16
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.43*	
		For Oversized Enclosure, Add	*24.47*	
		For Pilot Light, Add	*35.89*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	257.73	58.71
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.43*	
		For Oversized Enclosure, Add	*24.47*	
		For Pilot Light, Add	*35.89*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	188.62	45.16
		For Oversized Enclosure, Add	*24.47*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	247.13	58.71
		For Oversized Enclosure, Add	*24.47*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	386.95	54.19
		For Pilot Light, Add	*93.80*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	444.63	67.74
		For Pilot Light, Add	*93.80*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	411.42	54.19
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	466.66	67.74

26 29 13 13-0013 Non Reversing Manual Motor Starters *(26 29 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	142.27	45.16
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	234.69	58.71
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	160.74	49.68
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	253.95	63.23
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	165.09	45.16
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	258.30	58.71
		For Oversize Enclosure, Add	*11.81*	
		For Pilot Light, Add	*56.67*	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	355.52	54.19
		For Pilot Light, Add	*89.72*	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	439.28	67.74
		For Pilot Light, Add	*89.72*	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	374.79	58.71
		For Pilot Light, Add	*89.72*	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	456.19	72.26
		For Pilot Light, Add	*89.72*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	377.56	54.19
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	467.62	67.74
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	104.16	31.61
		For Pilot Light, Add	*56.67*	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	196.57	45.16
		For Pilot Light, Add	*56.67*	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	122.63	36.13
		For Pilot Light, Add	*56.67*	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	215.05	49.68
		For Pilot Light, Add	*56.67*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	388.46	81.29
		For Pilot Light, Add	*91.30*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	563.86	108.39
		For Pilot Light, Add	*91.30*	

26 29 13 13-0033 Two Speed Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	388.46	81.29
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	563.86	108.39

26 29 13 13-0036 Non-Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	358.81	54.19
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	358.81	54.19
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	748.82	63.23
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	748.82	63.23
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	980.47	63.23
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	457.63	63.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	307.24	40.65
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	426.57	58.71
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	426.57	58.71
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	897.33	67.74
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	897.33	67.74
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,146.93	67.74
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	525.38	67.74
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	375.00	45.16
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	562.03	63.23
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	562.03	63.23
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,067.87	72.26
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,067.87	72.26
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,306.86	72.26
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	663.30	72.26
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	512.91	49.68
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	444.23	67.74
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	444.23	67.74
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	834.25	76.77
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	834.25	76.77
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,072.42	76.77
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	543.87	76.77
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	395.12	54.19
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	512.00	72.26
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	512.00	72.26
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	982.76	81.29
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	982.76	81.29
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,238.06	81.29
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	610.81	81.29
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	460.43	58.71
26 29 13 13-0072		Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,044.93	94.84
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,044.93	94.84
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	921.40	67.74
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,236.73	103.87
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,113.21	76.77
26 29 13 13-0078		Two Speed Integral HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,044.93	94.84
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	921.40	67.74
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,236.73	103.87
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,113.21	76.77
26 29 13 13-0083		Magnetic Motor Starters *(26 29 13 13)*		
26 29 13 13-0084		Non Reversing, Magnetic Contactors *(26 29 13 13-0083)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0085		Open Enclosure, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	414.75	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	467.07	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	449.01	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	502.14	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	554.46	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	700.83	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	883.08	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	524.16	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	576.48	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	630.44	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	804.72	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	986.15	185.16
		For Factory Installed Accessory, Deduct	*-370.32*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	891.33	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	990.39	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	1,290.34	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	1,339.50	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,523.62	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	1,938.58	225.81
		For Factory Installed Accessory, Deduct	*-451.61*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	2,772.79	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	3,030.76	225.81
		For Factory Installed Accessory, Deduct	*-451.61*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	3,330.71	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	4,512.39	316.13
		For Factory Installed Accessory, Deduct	*-632.25*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	6,130.90	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	6,800.13	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	17,673.77	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2)	25,303.06	812.89
		For Factory Installed Accessory, Deduct	*-1,625.79*	
26 29 13 13-0112		NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*		
26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11)	440.03	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12)	492.35	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5)	474.29	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1)	528.24	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2)	580.56	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3)	728.56	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	911.63	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5)	551.08	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1)	605.03	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2)	657.36	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3)	832.45	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4)	1,013.07	185.16
		For Factory Installed Accessory, Deduct	*-370.32*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1)	1,012.05	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2)	1,111.93	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3)	1,411.06	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1)	1,576.86	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2)	1,760.16	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3)	2,175.94	225.81
		For Factory Installed Accessory, Deduct	*-451.61*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1)	3,522.61	225.81
		For Factory Installed Accessory, Deduct	*-451.61*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2)	3,822.55	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2)	7,696.55	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2)	21,615.91	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2)	29,256.61	812.89
		For Factory Installed Accessory, Deduct	*-1,625.79*	

26 29 13 13-0136 NEMA 12, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1)	667.72	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2)	720.04	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)	796.84	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	1,266.54	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,367.23	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)	1,878.66	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)	2,061.15	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)	4,821.75	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2)	10,253.67	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2)	24,751.34	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	

26 29 13 13-0147 NEMA 4/4X, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12)	987.58	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)	1,023.47	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)	1,075.80	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)	1,250.89	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12)	1,948.80	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)	2,944.52	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12)	5,844.60	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12)	10,253.67	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2)	27,423.48	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	

26 29 13 13-0157 NEMA 7/9, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2)	1,977.47	144.52
		For Factory Installed Accessory, Deduct	*-289.03*	

26 29 13 13-0159 Non Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0160 Open Enclosure, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11)	495.50	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)	513.56	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1)	553.53	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2)	612.37	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4)	985.04	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	630.31	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3)	740.56	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	774.81	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	965.56	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	1,095.61	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	1,697.36	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	3,598.25	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	8,187.58	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	18,829.58	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	27,123.63	812.89
		For Factory Installed Accessory, Deduct	*-1,625.79*	

26 29 13 13-0176 NEMA 1, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	522.42	90.32
		For Factory Installed Accessory, Deduct	*-180.65*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	540.48	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	580.44	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	639.29	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	656.42	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	716.09	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	802.55	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,087.09	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,217.15	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	1,934.72	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	4,090.09	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	9,086.45	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	

26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	719.92	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	778.77	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	795.90	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	855.56	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	942.03	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,342.39	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,471.64	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,235.70	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	5,088.47	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	11,641.13	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	27,778.29	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	

26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	719.92	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	778.77	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	795.90	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	855.56	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	942.03	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	1,342.39	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,471.64	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	2,235.70	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	5,088.47	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4)	2,060.79	153.55
		For Factory Installed Accessory, Deduct	*-307.10*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1)	2,535.51	153.55
		For Factory Installed Accessory, Deduct	*-307.10*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3)	2,612.30	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1)	4,053.83	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43)	4,888.04	225.81
		For Factory Installed Accessory, Deduct	*-451.61*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41)	7,792.20	316.13
		For Factory Installed Accessory, Deduct	*-632.25*	

26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11)	986.65	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12)	1,046.31	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11)	1,074.85	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13)	1,134.52	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12)	1,220.98	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16)	1,922.34	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	3,118.25	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11)	6,110.51	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	13,606.08	361.29
		For Factory Installed Accessory, Deduct	*-722.57*	

26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	2,054.02	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	3,808.31	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21)	7,503.67	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	

26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	1,994.60	144.52
		For Factory Installed Accessory, Deduct	*-289.03*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	2,060.79	153.55
		For Factory Installed Accessory, Deduct	*-307.10*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1)	2,090.15	153.55
		For Factory Installed Accessory, Deduct	*-307.10*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	2,153.08	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2)	2,252.59	162.58
		For Factory Installed Accessory, Deduct	*-325.16*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	3,316.46	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	938.76	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	990.15	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,096.30	126.45
		For Factory Installed Accessory, Deduct	*-252.90*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,137.21	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,165.76	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,247.44	144.52
		For Factory Installed Accessory, Deduct	*-289.03*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,299.01	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,328.38	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,277.30	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	3,724.67	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	8,586.23	406.45
		For Factory Installed Accessory, Deduct	*-812.89*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	16,017.96	541.93
		For Factory Installed Accessory, Deduct	*-1,083.86*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	51,946.87	993.54
		For Factory Installed Accessory, Deduct	*-1,987.08*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	969.63	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,012.17	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,041.54	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,145.24	126.45
		For Factory Installed Accessory, Deduct	*-252.90*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,187.78	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,217.15	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,320.85	144.52
		For Factory Installed Accessory, Deduct	*-289.03*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,372.42	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,401.79	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	2,468.17	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	4,055.02	270.97
		For Factory Installed Accessory, Deduct	*-541.93*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	9,193.08	406.45
		For Factory Installed Accessory, Deduct	*-812.89*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,396.59	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,425.96	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	1,610.60	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	2,817.27	180.65
		For Factory Installed Accessory, Deduct	*-361.29*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	1,750.60	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,064.74	144.52
		For Factory Installed Accessory, Deduct	*-289.03*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	130.48	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	222.56	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	130.48	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	222.56	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	222.56	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	110.14	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	98.05	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	130.48	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	110.14	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	147.22	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0286	EA	30 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	165.02	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0287	EA	45 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	285.01	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0288	EA	60 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	302.69	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0289	EA	30 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	362.08	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0290	EA	45 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	632.76	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0291	EA	60 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	632.76	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	37.83	6.77
		For Factory Installed Accessory, Deduct	*-13.55*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	77.59	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	102.57	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	80.25	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	44.53	6.77
		For Factory Installed Accessory, Deduct	*-13.55*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	26.86	6.77
		For Factory Installed Accessory, Deduct	*-13.55*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	143.63	9.03
		For Factory Installed Accessory, Deduct	*-18.06*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	248.61	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	459.02	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	458.21	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	495.85	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	488.39	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	530.93	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	514.49	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	596.42	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	664.12	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	836.53	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	

26 29 13 13-0311 NEMA 1, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	469.51	99.35
		For Factory Installed Accessory, Deduct	*-198.71*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	507.15	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	505.52	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	545.61	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	536.51	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	579.87	117.42
		For Factory Installed Accessory, Deduct	*-234.84*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	564.25	108.39
		For Factory Installed Accessory, Deduct	*-216.77*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	645.36	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	710.62	135.48
		For Factory Installed Accessory, Deduct	*-270.97*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	883.84	158.06
		For Factory Installed Accessory, Deduct	*-316.13*	

26 29 13 13-0322 Definite Purpose Starter Accessory *(26 29 13 13-0300)*

26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	147.22	11.29
		For Factory Installed Accessory, Deduct	*-22.58*	

26 29 13 13-0324 Panel Mounted Miniature Contactor *(26 29 13 13)*

26 29 13 13-0325 Non Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	136.81	45.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	160.53	49.68
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	160.53	49.68
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	178.54	54.19
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	151.50	45.16
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	159.65	45.16
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	174.39	49.68
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	182.55	49.68
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	179.29	49.68
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	182.55	49.68
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	194.85	54.19
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	187.44	49.68
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	203.01	54.19
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	189.07	49.68
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	189.07	49.68
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	211.16	54.19
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	211.16	54.19

26 29 13 13-0343 Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	196.36	45.16
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	212.67	45.16
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	235.57	49.68
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	235.57	49.68
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	251.88	49.68
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	264.18	54.19
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	264.18	54.19
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	226.54	45.16
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	242.85	45.16
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	264.12	49.68
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	280.43	49.68
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	297.63	54.19
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	313.94	54.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	255.14	49.68
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	293.48	49.68
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	331.88	54.19
26 29 13 13-0360		**Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	57.97	22.58
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	64.26	22.58
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	75.67	22.58
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	98.35	22.58
26 29 13 13-0365		**Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)*		
26 29 13 13-0366		**NEMA 1 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	5,836.86	432.89
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	10,202.67	577.18
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	17,877.59	685.40
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	43,639.64	838.71
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	69,637.52	1,073.20
26 29 13 13-0372		**NEMA 12 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	5,795.61	442.09
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	10,127.32	578.08
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	17,740.06	683.24
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	43,290.06	835.02
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	69,075.36	1,073.65
26 29 13 13-0378		**Factory Modifications Pilot Devices** *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	145.86	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	160.87	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	273.82	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	148.78	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	213.93	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	106.96	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	349.12	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,403.35	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,355.45	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	479.19	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	397.06	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	1,854.73	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	3,392.08	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	7,215.29	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volts, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,402.27	207.43
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,692.36	324.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,396.39	378.78
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,677.23	468.96
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	6,783.92	748.53
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,735.48	937.92
26 29 13 13-0409		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	1,791.84	207.43
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,081.93	324.67
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,775.14	378.78
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,882.84	468.96
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,963.45	748.53
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	16,862.86	937.92
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	177.41	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	416.69	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	287.58	
26 29 13 13-0420		**NEMA 4 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,580.29	270.56
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,829.25	378.78
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,081.47	414.85
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	6,531.78	505.04
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	10,354.98	748.53
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	22,847.08	937.92
26 29 13 13-0427		**NEMA 4 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,969.86	270.56
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,218.82	378.78
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,460.22	414.85
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,737.39	505.04
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	11,534.51	748.53
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	21,624.27	937.92
26 29 13 13-0434		**Factory Modifications For NEMA 4 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	177.43	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	416.69	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	287.58	
26 29 13 13-0438		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,451.50	208.78
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,744.30	326.74
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,478.63	375.80
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,814.12	469.69
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,047.95	751.60
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	14,328.29	939.36
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	1,916.68	208.78
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,211.69	326.74
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,958.96	375.80
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,150.21	469.69
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,550.30	751.60
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	18,223.97	939.36
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	175.95	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	413.22	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	285.19	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,392.67	432.89
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,596.63	577.18
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,993.44	793.62
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,422.18	1,082.22
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	11,186.61	1,515.11
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,055.06	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,055.06	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,055.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0466		Combination Starters Reversing *(26 29 13 13)*		
26 29 13 13-0467		240-600 Volt, 3 Pole *(26 29 13 13-0466)*		
26 29 13 13-0468		NEMA 1 With Disconnect Switch *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	1,730.19	270.56
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,003.62	378.78
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,927.97	414.85
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,470.17	505.04
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	8,766.74	748.53
26 29 13 13-0474		NEMA 1 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	1,935.74	270.56
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,223.04	378.78
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,184.83	414.85
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,116.54	505.04
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	9,461.50	748.53
26 29 13 13-0480		NEMA 12 With Disconnect Switch *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	1,849.72	278.40
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,131.16	375.80
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,141.15	417.56
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,823.41	501.07
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	9,506.59	751.60
26 29 13 13-0486		NEMA 12 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,076.20	278.40
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,372.92	375.80
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,424.17	417.56
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,433.77	501.07
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	10,272.12	751.60
26 29 13 13-0492		NEMA 7 Or 9 With Circuit Breaker *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,111.84	577.18
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,412.94	721.47
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	6,350.04	937.92
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	10,116.50	1,226.51
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	18,495.59	1,659.39
26 29 13 13-0498		Solid State Motor Controllers *(26 29 13 13)*		
26 29 13 13-0499		Adjustable Voltage Drives, DC Motors *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,377.69	162.33
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	1,665.32	162.33
26 29 13 13-0502		Removal And Reinstallation Of Motor Starters *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	644.17	
26 29 13 13-0504		Auxiliary Devices *(26 29 13 13)*		
26 29 13 13-0505	EA	Auxiliary Contact, Normally Open	404.31	90.19
26 29 13 13-0506	EA	Auxiliary Contact, Normally Closed	404.31	90.19
26 29 13 13-0507	EA	Pilot Light Kit	426.90	90.19
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		208/230 Volt Variable Frequency Drives *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	1,430.77	186.02
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	1,601.77	186.02
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	1,857.77	186.02
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	2,025.77	186.02
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	2,133.77	186.02
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	2,201.93	186.02
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	2,455.19	279.57
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	2,986.75	279.57
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	3,616.43	371.92
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	4,182.26	371.92
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	5,204.28	465.49
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	6,477.92	465.49
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	7,898.90	546.57
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	8,884.37	653.48
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	10,055.37	653.48
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	11,844.37	653.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0018		460/480 Volt Variable Frequency Drives *(26 29 23)*		
		Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive	1,924.98	163.31
		Note: Wall mounted.		
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive	2,066.77	186.02
		Note: Wall mounted.		
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive	2,202.19	279.57
		Note: Wall mounted.		
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive	2,444.68	279.58
		Note: Wall mounted.		
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive	3,085.43	371.92
		Note: Wall mounted.		
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive	3,605.55	371.94
		Note: Wall mounted.		
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive	4,526.28	465.51
		Note: Wall mounted.		
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive	5,163.92	465.49
		Note: Wall mounted.		
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive	6,189.90	546.57
		Note: Wall mounted.		
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive	7,327.37	653.48
		Note: Wall mounted.		
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive	8,505.23	698.69
		Note: Wall mounted.		
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive	9,622.08	743.90
		Note: Wall mounted.		
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive	11,488.60	788.89
		Note: Wall mounted.		
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive	13,614.89	833.21
		Note: Wall mounted.		
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive	15,662.55	930.94
		Note: Floor mounted.		
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive	21,032.51	1,020.67
		Note: Floor mounted.		
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive	27,044.52	1,110.91
		Note: Floor mounted.		
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive	31,844.39	1,301.86
		Note: Floor mounted.		
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive	36,978.65	1,474.69
		Note: Floor mounted.		
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive	43,284.78	1,666.41
		Note: Floor mounted.		
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive	46,730.18	1,872.33
		Note: Floor mounted.		

26 30 Facility Electrical Power Generating And Storing Equipment

(26)

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001		Photovoltaic Collectors *(26 31)*		
		Note: All materials are to be installed per manufacturers specifications and must be in compliance with the California Energy Commission Guidlines (CEC-300-2011-005-CMF). See CSI section 26 28 13 00-0078 for fuses.		
26 31 00 00-0002		Rigid Photovoltaic Modules *(26 31)*		
26 31 00 00-0003		Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0002)*		
26 31 00 00-0004	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	1,174.72	85.68
		For >50, Deduct	*-100.34*	
26 31 00 00-0005	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	1,229.11	85.68
		For >50, Deduct	*-105.78*	
26 31 00 00-0006	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	1,153.38	85.68
		For >50, Deduct	*-98.20*	
26 31 00 00-0007		Sharp Rigid Photovoltaic Modules *(26 31 00 00-0002)*		
26 31 00 00-0008	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	929.81	85.68
		For >50, Deduct	*-75.85*	
26 31 00 00-0009	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,051.21	85.68
		For >50, Deduct	*-87.99*	
26 31 00 00-0010	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	1,070.45	85.68
		For >50, Deduct	*-89.91*	
26 31 00 00-0011	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,010.35	85.68
		For >50, Deduct	*-83.90*	
26 31 00 00-0012		BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0002)*		
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0013	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	482.61	85.68
		For >50, Deduct	*-31.13*	
26 31 00 00-0014	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	584.78	85.68
		For >50, Deduct	*-41.34*	
26 31 00 00-0015	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	625.65	85.68
		For >50, Deduct	*-45.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0016		**Photovoltaic Inverters** *(26 31)*		
26 31 00 00-0017		**Fronius Photovoltaic Inverters** *(26 31 00 00-0016)*		
26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	2,735.93	90.19
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	3,592.90	90.19
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	3,789.79	90.19
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	4,231.52	90.19
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	6,671.43	90.19
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	7,746.96	90.19
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	6,368.15	180.37
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	8,033.05	180.37
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894)	260.51	45.09
26 31 00 00-0027		**SMA Photovoltaic Inverters** *(26 31 00 00-0016)*		
26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	2,046.91	90.19
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	2,446.99	90.19
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	2,819.84	90.19
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	3,104.48	90.19
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	3,008.60	90.19
26 31 00 00-0033		**PVPowered Photovoltaic Inverters** *(26 31 00 00-0016)*		
26 31 00 00-0034	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	2,518.42	90.19
26 31 00 00-0035	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	2,631.62	90.19
26 31 00 00-0036	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	2,902.35	90.19
26 31 00 00-0037	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	3,444.57	112.73
26 31 00 00-0038	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	4,198.47	135.28
26 31 00 00-0039	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	4,232.93	135.28
26 31 00 00-0040	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	4,462.29	135.28
26 31 00 00-0041	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	52,705.36	721.47
26 31 00 00-0042	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	52,774.59	721.47
26 31 00 00-0043	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	57,074.06	721.47
26 31 00 00-0044	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	52,939.80	721.47
26 31 00 00-0045		**Solectria Photovoltaic Inverters** *(26 31 00 00-0016)*		
26 31 00 00-0046	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	8,333.68	180.37
26 31 00 00-0047	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	8,333.68	180.37
26 31 00 00-0048	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	8,574.48	180.37
26 31 00 00-0049	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	8,574.48	180.37
26 31 00 00-0050	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	26,098.00	541.10
26 31 00 00-0051	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	24,894.03	541.10
26 31 00 00-0052	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	28,505.93	541.10
26 31 00 00-0053	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	27,837.06	541.10
26 31 00 00-0054	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	30,245.00	541.10
26 31 00 00-0055	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	28,907.25	541.10
26 31 00 00-0056	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	31,943.48	721.47
26 31 00 00-0057	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	30,471.96	721.47
26 31 00 00-0058	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	33,147.45	721.47
26 31 00 00-0059	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	31,408.38	721.47
26 31 00 00-0060		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0016)*		
26 31 00 00-0061	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	356.71	22.55
26 31 00 00-0062	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	387.66	22.55
26 31 00 00-0063	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	615.13	22.55
26 31 00 00-0064		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0065	EA	15 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	221.50	33.82
26 31 00 00-0066	EA	20 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	154.18	33.82
26 31 00 00-0067	EA	60 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	394.58	33.82
26 31 00 00-0068		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0069		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0068)*		
26 31 00 00-0070	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	293.87	90.19
26 31 00 00-0071	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	287.64	90.19
26 31 00 00-0072	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	452.96	135.28
26 31 00 00-0073	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	455.14	135.28
26 31 00 00-0074	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	657.34	135.28
26 31 00 00-0075		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0068)*		
26 31 00 00-0076	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	588.08	90.19
26 31 00 00-0077	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	694.31	90.19
26 31 00 00-0078	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	1,348.02	180.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0079	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	2,965.40	180.37
26 31 00 00-0080	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	530.59	90.19
26 31 00 00-0081		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0082	EA	35 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	180.63	33.82
26 31 00 00-0083	EA	40 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	234.72	33.82
26 31 00 00-0084	EA	60 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	270.78	33.82
26 31 00 00-0085	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	211.88	33.82
26 31 00 00-0086	EA	MPPT Charge Controller (Xantrex XW SCC)	693.53	45.09
26 31 00 00-0087		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0088		**Concorde Photovoltaic Batteries** *(26 31 00 00-0087)*		
26 31 00 00-0089	EA	34 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	156.78	13.53
26 31 00 00-0090	EA	45 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	198.22	18.04
26 31 00 00-0091	EA	49 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	213.91	18.04
26 31 00 00-0092	EA	56 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	248.69	27.06
26 31 00 00-0093	EA	69 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	281.12	27.06
26 31 00 00-0094	EA	89 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	333.38	31.56
26 31 00 00-0095	EA	104 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	382.21	36.07
26 31 00 00-0096	EA	108 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	378.07	36.07
26 31 00 00-0097	EA	210 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	680.23	42.84
26 31 00 00-0098	EA	255 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	784.19	45.09
26 31 00 00-0099		**Deka Photovoltaic Batteries** *(26 31 00 00-0087)*		
26 31 00 00-0100	EA	31 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1)	168.97	22.58
26 31 00 00-0101	EA	50 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	227.86	22.58
26 31 00 00-0102	EA	74 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24)	330.03	22.58
26 31 00 00-0103	EA	86 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27)	375.71	22.58
26 31 00 00-0104	EA	98 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31)	376.91	22.58
26 31 00 00-0105	EA	183 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D)	718.28	22.58
26 31 00 00-0106	EA	225 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D)	828.86	22.58
26 31 00 00-0107		**Battery Enclosures** *(26 31 00 00-0087)*		
26 31 00 00-0108	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	189.33	22.55
26 31 00 00-0109	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	878.15	22.58
26 31 00 00-0110	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	826.46	22.58
26 31 00 00-0111	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	1,096.91	22.58
26 31 00 00-0112	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	495.91	22.58
26 31 00 00-0113	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	1,148.60	22.58
26 31 00 00-0114		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0115	EA	Solar Inverter Monitor (Xantrex 864-0203)	398.14	45.09
26 31 00 00-0116	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	783.42	22.55
26 31 00 00-0117	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	656.64	22.55
26 31 00 00-0118	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	131.42	22.55
26 31 00 00-0119	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	318.91	45.09
26 31 00 00-0120	EA	Sunny Boy Control with RS485 (SMA)	770.80	22.55
26 31 00 00-0121	EA	RS 485 Module (SMA)	184.99	22.55
26 31 00 00-0122	EA	RS 232 Module (SMA)	189.33	22.55
26 31 00 00-0123	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	356.68	
26 31 00 00-0124	EA	Bluetooth Piggy-Back Computer Card (SMA)	191.67	22.55
26 31 00 00-0125	EA	RS485-N Communication Computer Card (SMA)	190.46	22.55
26 31 00 00-0126	EA	Bluetooth Repeater (SMA)	348.55	22.55
26 31 00 00-0127	EA	Sunny Boy PC Service Cable (SMA)	163.40	6.76
26 31 00 00-0128	EA	Integrated Revenue Grade Meter, Option (PVPowered)	3,083.13	
26 31 00 00-0129	EA	Data Monitoring Module (PVPowered PVM1010)	347.84	22.55
26 31 00 00-0130	EA	Wireless IG Personal Display (Fronius 4,240,108)	361.96	
26 31 00 00-0131	EA	DatCom Power Supply (Fronius 43,0001,2311)	116.17	
26 31 00 00-0132	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	212.14	22.55
26 31 00 00-0133	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	181.37	22.55
26 31 00 00-0134	EA	Datalogger Pro Box (Fronius 4,240,102)	676.48	22.55
26 31 00 00-0135	EA	Datalogger Easy Box (Fronius 4,240,103)	444.32	22.55
26 31 00 00-0136	EA	Datalogger Interface Box (Fronius 4,240,105)	762.15	22.55
26 31 00 00-0137	EA	Datalogger Web (Fronius 4,240,122)	1,300.88	22.55
26 31 00 00-0138	EA	Interface Box (Fronius 4,240,109)	358.46	22.55
26 31 00 00-0139	EA	Interface Card (Fronius 4,240,009,Z)	259.27	22.55
26 31 00 00-0140	EA	Interface Card Easy (Fronius 4,240,013,Z)	175.12	22.55
26 31 00 00-0141	EA	Sensor Box (Fronius 4,240,104)	705.98	22.55
26 31 00 00-0142	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	89.15	22.55
26 31 00 00-0143	EA	Irradiance Sensor (Fronius 43,0001,1188)	253.16	22.55
26 31 00 00-0144	EA	Module Temperature Sensor (Fronius 43,0001,1190)	280.56	22.55
26 31 00 00-0145	EA	Wind Speed Sensor (Fronius 42,0411,0027)	166.43	45.09
26 31 00 00-0146		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0147	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	536.41	45.09
26 31 00 00-0148	EA	Line Communication Filter (Enphase LCF)	1,164.81	90.19
26 31 00 00-0149	EA	15 Meter RS 485 Communication Cable (SMA)	89.26	6.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0150	EA	15 Meter RS 232 Communication Cable (SMA)	132.53	6.76
26 31 00 00-0151	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	21.53	2.23
26 31 00 00-0152	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	22.98	2.23
26 31 00 00-0153	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	23.80	2.23
26 31 00 00-0154	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	26.07	2.23
26 31 00 00-0155	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	29.48	2.23
26 31 00 00-0156	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	47.61	4.47
26 31 00 00-0157	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	58.18	4.47
26 31 00 00-0158	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	77.08	6.69
26 31 00 00-0159	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	26.64	2.23
26 31 00 00-0160	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	36.29	2.23
26 31 00 00-0161	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	54.42	4.47
26 31 00 00-0162	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	71.46	4.47
26 31 00 00-0163	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	117.36	8.93
26 31 00 00-0164	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	122.17	8.93
26 31 00 00-0165	EA	Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery Note: Tamper proof enclosure.	2,178.87	243.50

26 31 00 00-0166 Photovoltaic Mounting Systems *(26 31)*

26 31 00 00-0167	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	8.24	2.25
26 31 00 00-0168	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	26.32	11.27
26 31 00 00-0169	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	31.67	11.27
26 31 00 00-0170	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	15.92	4.51
26 31 00 00-0171	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	8.25	3.39
26 31 00 00-0172	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	16.17	4.51
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	4.50	1.50
26 31 00 00-0174	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	4.68	1.50
26 31 00 00-0175	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	12.02	4.51
26 31 00 00-0176	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	69.15	22.55
26 31 00 00-0177	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	75.21	22.55
26 31 00 00-0178	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	80.09	22.55
26 31 00 00-0179	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	101.97	33.82
26 31 00 00-0180	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	120.14	33.82
26 31 00 00-0181	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	136.63	33.82
26 31 00 00-0182	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	154.81	45.09
26 31 00 00-0183	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	198.23	45.09
26 31 00 00-0184	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	281.01	67.64
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	137.64	
26 31 00 00-0186	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	252.74	
26 31 00 00-0187	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	57.05	22.55
26 31 00 00-0188	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	57.61	22.55
26 31 00 00-0189	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	58.12	22.55
26 31 00 00-0190	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	59.39	22.55
26 31 00 00-0191	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	53.67	22.55
26 31 00 00-0192	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	54.32	22.55
26 31 00 00-0193	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	56.20	22.55
26 31 00 00-0194	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	55.66	22.55
26 31 00 00-0195	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	104.32	33.82
26 31 00 00-0196	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	104.71	33.82
26 31 00 00-0197	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	105.86	33.82
26 31 00 00-0198	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	104.66	33.82
26 31 00 00-0199	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	19.59	4.51
26 31 00 00-0200	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	13.75	4.51
26 31 00 00-0201	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	25.11	6.76
26 31 00 00-0202	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	25.98	6.76
26 31 00 00-0203	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	7.05	1.50
26 31 00 00-0204	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	30.84	4.51
26 31 00 00-0205	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	1.87	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 13-0001 Diesel Generator Sets *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0631 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)	17,142.11	776.85
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)	21,649.93	956.50
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)	22,327.94	1,048.75
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)	24,006.21	1,204.13
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	25,698.59	1,383.77
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	28,687.32	1,621.68
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*3,187.61*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*8,116.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*15,697.18*	
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	33,489.58	1,883.88
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	34,757.01	2,233.45
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	38,317.82	2,461.66
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	44,376.64	2,748.12
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	47,466.72	3,010.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	53,173.39	3,180.25
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,834.93*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*16,691.82*	
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	55,560.53	3,311.35
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	60,540.88	3,490.99
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	61,790.72	3,646.36
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	70,220.93	4,078.49
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	75,962.00	4,466.92
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0019	EA	450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)	86,178.82	4,811.64
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0020	EA	500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)	90,984.84	5,127.25
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*31,355.70*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*46,293.15*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*38,029.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*56,587.44*	
26 32 13 13-0021	EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)	132,393.61	5,646.77
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*64,053.94*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*102,847.88*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*75,339.91*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*119,816.24*	
26 32 13 13-0022	EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)	151,526.61	6,209.98
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*64,053.94*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*102,847.88*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*75,339.91*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*119,816.24*	
26 32 13 13-0023	EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)	158,190.16	6,345.93
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*64,053.94*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*102,847.88*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*75,339.91*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*119,816.24*	
26 32 13 13-0024	EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)	192,712.47	6,841.18
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*64,053.94*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*102,847.88*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*75,339.91*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*119,816.24*	
26 32 13 13-0025	EA	1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)	214,774.09	7,283.02
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*64,053.94*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*102,847.88*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*75,339.91*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*119,816.24*	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0631 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	13,653.78	650.62
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*3,140.03*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,209.60*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	15,435.31	776.85
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*3,140.03*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,209.60*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	16,520.92	864.26
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*3,140.03*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*5,209.60*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	17,994.54	956.50
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,881.88*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	18,536.88	1,048.75
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,881.88*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	19,124.32	1,131.29
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,881.88*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	20,798.55	1,383.77
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,881.88*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	22,131.38	1,548.85
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,899.18*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,001.41*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*8,881.88*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	26,510.17	1,655.67
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*5,283.93*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	28,776.44	1,864.45
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*5,283.93*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	36,073.00	2,233.45
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*5,283.93*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	41,093.33	2,461.66
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*5,283.93*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,291.29*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*10,413.24*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*14,907.71*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	99,344.89	6,547.82
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*28,197.83*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*41,618.78*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*30,830.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*46,264.90*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	105,847.15	2,956.91
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*28,197.83*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*41,618.78*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*30,830.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*46,264.90*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	107,184.63	3,311.35
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*28,197.83*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*41,618.78*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*30,830.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*46,264.90*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	147,391.99	3,646.36
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*28,197.83*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*41,618.78*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*30,830.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*46,264.90*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	148,884.25	4,078.49
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*28,197.83*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*41,618.78*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*30,830.87*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*46,264.90*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	209,318.31	4,811.64
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	284,853.98	5,127.25
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	299,744.59	5,404.00
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	341,500.40	5,646.77
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	357,084.55	5,860.41
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	377,690.88	6,263.39
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*61,571.05*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*87,225.04*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*69,934.06*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*98,841.08*	

26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*

26 32 13 19-0026	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	3,362.48	416.56
26 32 13 19-0027	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	4,226.28	462.84
26 32 13 19-0028	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	4,850.85	500.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 26		**AC To DC Electrical Conversion** *(26 32 13)*		
26 32 13 26-0001		60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output *(26 32 13 26)*		
26 32 13 26-0002	EA	3 KW, 24 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	5,144.00	180.37
26 32 13 26-0003	EA	5 KW, 40 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	6,244.27	180.37
26 32 13 26-0004	EA	7.5 KW, 60 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,239.97	180.37
26 32 13 26-0005	EA	10 KW, 80 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,304.01	180.37
26 32 13 26-0006	EA	15 KW, 120 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,231.70	225.46
26 32 13 26-0007	EA	20 KW, 160 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,987.68	225.46
26 32 13 26-0008	EA	25 KW, 200 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,452.57	225.46
26 32 13 26-0009	EA	40 KW, 320 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,742.67	297.61
26 32 13 26-0010	EA	50 KW, 400 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,144.20	297.61
26 32 13 26-0011		60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output *(26 32 13 26)*		
26 32 13 26-0012	EA	3 KW, 12 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	5,940.54	180.37
26 32 13 26-0013	EA	5 KW, 20 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	7,064.95	180.37
26 32 13 26-0014	EA	7.5 KW, 30 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,066.66	180.37
26 32 13 26-0015	EA	10 KW, 40 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,287.76	180.37
26 32 13 26-0016	EA	15 KW, 60 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,398.97	225.46
26 32 13 26-0017	EA	20 KW, 80 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,324.40	225.46
26 32 13 26-0018	EA	25 KW, 100 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,661.12	225.46
26 32 13 26-0019	EA	40 KW, 160 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,692.70	297.61
26 32 13 26-0020	EA	50 KW, 200 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,455.21	297.61
26 32 29		**Rotary Converters** *(26 32)*		
26 32 29 00-0001		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0002	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	16,416.25	3,398.74
26 32 29 00-0003	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	18,352.87	3,398.74
26 32 29 00-0004	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	20,949.50	4,855.35
26 32 29 00-0005	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	24,267.00	4,855.35
26 32 29 00-0006	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	27,397.00	4,855.35
26 32 29 00-0007	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	32,392.63	7,283.02
26 32 29 00-0008	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	39,526.20	7,283.02
26 32 29 00-0009		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0010	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	56,224.75	9,710.69
26 32 29 00-0011	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	61,328.80	9,710.69
26 32 29 00-0012	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	73,695.62	12,623.90
26 32 29 00-0013	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	83,888.87	15,342.89
26 32 29 00-0014	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	99,065.43	15,342.89
26 32 29 00-0015	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	140,109.73	22,917.23
26 32 29 00-0016	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	145,553.19	22,917.23
26 32 29 00-0017	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	167,189.58	26,704.40
26 33		**Battery Equipment** *(26 30)*		
26 33 13		**Batteries** *(26 33)*		
26 33 13 00-0001		Standby Batteries *(26 33 13)*		
26 33 13 00-0002	EA	12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	630.23	22.58
26 33 13 00-0003	EA	12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	679.82	22.58
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	207.71	22.58
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	189.84	22.58
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	317.32	22.58
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	366.72	22.58
26 33 43		**Battery Chargers** *(26 33)*		
26 33 43 00-0001		Solid State Chargers, Single Phase *(26 33 43)* Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.		
26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,030.67	515.30
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,347.42	515.30
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,580.17	515.30
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,741.51	610.11
26 33 53		**Static Uninterruptible Power Supply** *(26 33)*		
26 33 53 00-0001		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0002		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*		
26 33 53 00-0003		120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	792.85	89.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	946.18	104.16
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,162.95	119.04
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,416.59	133.93
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	1,809.63	148.81
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	2,983.11	208.33
26 33 53 00-0010		**208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	2,931.01	208.33
26 33 53 00-0012		**120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	4,369.07	238.09
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	4,780.56	267.85
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	7,122.50	327.37
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	8,180.62	357.13
26 33 53 00-0017		**230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	946.18	104.16
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,162.95	119.04
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	1,431.98	133.93
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	1,813.34	148.81
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	2,994.68	208.33
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	4,195.08	238.09
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	5,142.30	267.85
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	7,931.90	357.13
26 33 53 00-0026		**Optional Accessories For Single Phase, Uninterruptible Power Supply Systems** *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	511.28	27.06
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	667.79	27.06
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	650.37	27.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT)	443.86	27.06
		Note: Rack mount or tower configuration.		
26 33 53 00-0031	EA	Replacement Internal Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	678.38	89.28
26 33 53 00-0032	EA	Replacement Internal Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	768.56	119.04
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0034		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0033)*		
26 33 53 00-0035		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0034)*		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0036	EA	30 kVA, 24 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA030A0A6E)	20,941.97	773.78
		For 208/208 Volt AC, Add	*795.73*	
		For MBC 2-Breaker, Add	*4,056.74*	
		For 34 Minute Battery, Add	*10,340.33*	
26 33 53 00-0037	EA	40 kVA, 32 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA040A0A6E)	24,967.96	952.35
		For 208/208 Volt AC, Add	*888.26*	
		For MBC 2-Breaker, Add	*4,551.96*	
		For 23 Minute Battery, Add	*11,150.09*	
		For 37 Minute Battery, Add	*12,731.93*	
26 33 53 00-0038	EA	50 kVA, 40 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA050A0A6E)	27,602.33	1,190.44
		For 208/208 Volt AC, Add	*1,003.24*	
		For MBC 2-Breaker, Add	*4,551.96*	
		For 18 Minute Battery, Add	*10,520.70*	
		For 28 Minute Battery, Add	*12,876.22*	
		For 35 Minute Battery, Add	*13,640.92*	
26 33 53 00-0039	EA	65 kVA, 52 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA065A0A6E)	31,434.28	1,488.05
		For 208/208 Volt AC, Add	*1,161.62*	
		For MBC 2-Breaker, Add	*5,573.39*	
		For 12 Minute Battery, Add	*11,581.92*	
		For 19 Minute Battery, Add	*13,224.85*	
		For 25 Minute Battery, Add	*13,981.39*	
		For 30 Minute Battery, Add	*18,577.56*	
26 33 53 00-0040	EA	80 kVA, 64 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA080A0A6E)	33,565.94	1,785.65
		For 208/208 Volt AC, Add	*1,161.62*	
		For MBC 3-Breaker, Add	*5,573.39*	
		For 15 Minute Battery, Add	*13,360.13*	
		For 19 Minute Battery, Add	*15,247.00*	
		For 33 Minute Battery, Add	*24,789.16*	
26 33 53 00-0041	EA	100 kVA, 80 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA100A0A6E)	36,344.73	2,083.26
		For 208/208 Volt AC, Add	*1,298.62*	
		For MBC 3-Breaker, Add	*6,009.58*	
		For 11 Minute Battery, Add	*14,160.79*	
		For 17 Minute Battery, Add	*21,161.78*	
		For 25 Minute Battery, Add	*25,647.87*	
		For 35 Minute Battery, Add	*28,874.09*	
26 33 53 00-0042	EA	130 kVA, 104 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA130A0A6E)	39,706.82	2,380.88
		For 208/208 Volt AC, Add	*1,366.18*	
		For MBC 3-Breaker, Add	*6,532.17*	
		For 11 Minute Battery, Add	*19,625.91*	
		For 17 Minute Battery, Add	*23,563.00*	
		For 25 Minute Battery, Add	*31,372.00*	
		For 30 Minute Battery, Add	*37,808.85*	
26 33 53 00-0043	EA	225 kVA, 180 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA229AAAK)	50,206.64	2,678.48
		For Customer Alarm Interface, Add	*393.61*	
		For Alarm Status Contacts, Add	*474.19*	
		For Maintenance Bypass Interface, Add	*554.77*	
		For Communication Interface, Add	*619.86*	
		For Flush Mount Remote Status Panel, Add	*781.03*	
		For SNMP, Add	*976.29*	
		For Load Bus Sync Board, Add	*1,456.68*	
		For Input Filter with Disconnect, Add	*1,907.94*	
		For Isolation Transformer, Add	*6,260.63*	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	*6,972.86*	
		For Load Bus Sync Control Panel With Start Up, Add	*7,000.13*	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	*7,530.73*	
		For VRLA 12 Minute Battery, Add	*33,353.16*	
		For VRLA 14 Minute Battery, Add	*35,898.33*	
		For VRLA 22 Minute Battery, Add	*44,999.61*	
		For VRLA 37 Minute Battery, Add	*66,931.26*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0044	EA	300 kVA, 240 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA300AAAA)	64,353.14	2,976.09
		For Customer Alarm Interface, Add	*393.61*	
		For Alarm Status Contacts, Add	*474.19*	
		For Maintenance Bypass Interface, Add	*554.77*	
		For Communication Interface, Add	*619.86*	
		For Flush Mount Remote Status Panel, Add	*781.03*	
		For SNMP, Add	*976.29*	
		For Load Bus Sync Board, Add	*1,456.68*	
		For Input Filter with Disconnect, Add	*2,083.36*	
		For Load Bus Sync Control Panel With Start Up, Add	*7,000.13*	
		For Isolation Transformer, Add	*7,351.60*	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	*8,410.94*	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	*9,628.97*	
		For VRLA 14 Minute Battery, Add	*45,053.72*	
		For VRLA 17 Minute Battery, Add	*53,500.27*	
		For VRLA 26 Minute Battery, Add	*66,994.39*	
26 33 53 00-0045	EA	500 kVA, 400 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA500AAAA)	100,905.55	3,571.31
		For Customer Alarm Interface, Add	*501.09*	
		For Alarm Status Contacts, Add	*603.67*	
		For Maintenance Bypass Interface, Add	*706.25*	
		For Communication Interface, Add	*789.11*	
		For Flush Mount Remote Status Panel, Add	*994.29*	
		For SNMP, Add	*1,242.86*	
		For Load Bus Sync Board, Add	*1,854.42*	
		For Input Filter with Disconnect, Add	*5,900.12*	
		For Two Breaker Maintenance Bypass Switchboard, Add	*8,199.69*	
		For Load Bus Sync Control Panel With Start Up, Add	*8,965.92*	
		For 12 Pulse With Isolation Transformer, Add	*11,178.39*	
		For Three Breaker Maintenance Bypass Switchboard, Add	*12,468.80*	
		For VRLA 12 Minute Battery, Add	*72,281.75*	

26 33 53 00-0046 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*

26 33 53 00-0047	EA	Programmable Relay Board For Liebert® Npower™ Uninterruptible Power Supply Systems	460.87	45.09
26 33 53 00-0048	EA	Network Interface Card For Liebert® Npower™ Uninterruptible Power Supply Systems	735.46	45.09
26 33 53 00-0049	EA	Remote Status Panel With 100' Of Cable For Liebert® Npower™ Uninterruptible Power Supply Systems	1,433.37	90.19
26 33 53 00-0050	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Liebert® Npower™ Uninterruptible Power Supply Systems	4,497.65	360.74
26 33 53 00-0051	EA	Replacement 12 Volt, 3 Phase, 134 Amp Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	332.80	45.09
26 33 53 00-0052	EA	Replacement 12 Volt, 204 Watts, 3 Phase, 55 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	184.64	45.09
26 33 53 00-0053	EA	Replacement 12 Volt, 257 Watts, 3 Phase, 65 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	206.26	45.09
26 33 53 00-0054	EA	Replacement 12 Volt, 311 Watts, 3 Phase, 75 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	227.88	45.09
26 33 53 00-0055	EA	Replacement 12 Volt, 374 Watts, 3 Phase, 90 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	266.79	45.09
26 33 53 00-0056	EA	Replacement 12 Volt, 415 Watts, 3 Phase, 100 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	279.76	45.09
26 33 53 00-0057	EA	Replacement 12 Volt, 493 Watts, 3 Phase, 135 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	346.79	45.09
26 33 53 00-0058	EA	Replacement 12 Volt, 540 Watts, 3 Phase, 150 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	363.00	45.09

26 33 53 00-0059 Other Uninterruptable Power Supply Equipment *(26 33 53)*

26 33 53 00-0060	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	3,243.30	82.44
26 33 53 00-0061	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	3,938.95	164.90
26 33 53 00-0062	EA	GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel	19.44	4.95
26 33 53 00-0063	EA	GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel	33.60	6.18
26 33 53 00-0064	EA	GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel	60.14	6.18
26 33 53 00-0065	EA	GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel	87.61	8.25
26 33 53 00-0066	EA	GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel	122.64	8.25
26 33 53 00-0067	EA	Uninterrupted Power Supply Remote Status Panel	2,234.86	82.44
26 33 53 00-0068	EA	Uninterrupted Power Supply Remote Contact Board	760.57	61.84

26 35 Power Filters And Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 00-0001 Power Factor Correction Capacitors *(26 35 33)*

26 35 33 00-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	422.52	
26 35 33 00-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	467.95	
26 35 33 00-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	513.38	
26 35 33 00-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	557.00	
26 35 33 00-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	684.21	
26 35 33 00-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	835.95	
26 35 33 00-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	1,291.18	
26 35 33 00-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	1,568.31	
26 35 33 00-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	2,026.27	
26 35 33 00-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	2,304.31	
26 35 33 00-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	4,043.45	
26 35 33 00-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	6,079.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 33 00-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	8,106.90	
26 35 33 00-0015	EA	Power Factor Correction Capacitors, Fuse Kit	376.18	

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*

26 35 43 00-0002	EA	750W Output Rotary Phase Converter With NEMA 1 Enclosure	419.39	90.19
26 35 43 00-0003	EA	2KW Output Rotary Phase Converter With NEMA 1 Enclosure	711.48	108.22
26 35 43 00-0004	EA	3KW Output Rotary Phase Converter With NEMA 1 Enclosure	818.37	144.30
26 35 43 00-0005	EA	5KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,117.58	180.37
26 35 43 00-0006	EA	7KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,531.08	234.48
26 35 43 00-0007	EA	11KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,970.02	288.59
26 35 43 00-0008	EA	15KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,459.84	342.70
26 35 43 00-0009	EA	21KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,982.51	387.80
26 35 43 00-0010	EA	29KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,475.56	468.96
26 35 43 00-0011	EA	36KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,974.40	527.58
26 35 43 00-0012	EA	44KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,473.24	586.20
26 35 43 00-0013	EA	55KW Output Rotary Phase Converter With NEMA 1 Enclosure	5,543.53	707.95
26 35 43 00-0014	EA	74KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,167.74	852.24
26 35 43 00-0015	EA	87KW Output Rotary Phase Converter With NEMA 1 Enclosure	9,063.88	1,037.12
26 35 43 00-0016	EA	110KW Output Rotary Phase Converter With NEMA 1 Enclosure	10,382.32	1,212.98
26 35 43 00-0017	EA	125KW Output Rotary Phase Converter With NEMA 1 Enclosure	13,256.78	1,352.77
26 35 43 00-0018	EA	165KW Output Rotary Phase Converter With NEMA 1 Enclosure	19,977.54	1,533.13
26 35 43 00-0019	EA	220KW Output Rotary Phase Converter With NEMA 1 Enclosure	29,496.68	1,713.50

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	4,595.99	1,433.94
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,342.19	1,803.69
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,029.31	2,146.39

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,077.74	157.82
26 36 13 00-0003	EA	60 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,253.27	196.06

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	1,913.19	323.99
26 36 23 00-0004	EA	225 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	2,593.43	416.56
26 36 23 00-0005	EA	400 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,081.35	555.41
26 36 23 00-0006	EA	600 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	9,089.91	694.26

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0008	EA	40 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	3,040.39	231.42
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 4 Enclosure, Add	*669.04*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0009	EA	70 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	3,513.92	277.70
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 4 Enclosure, Add	*669.04*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0010	EA	125 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	3,869.55	323.99
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 4 Enclosure, Add	*669.04*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0011	EA	150 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	4,598.00	370.27
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 4 Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0012	EA	225 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	5,248.07	416.56
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 4 Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0013	EA	260 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	5,792.49	462.84
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 4 Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0014	EA	300 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	6,061.57	509.13
		For NEMA 3R Enclosure, Add	*877.19*	
		For NEMA 4 Enclosure, Add	*1,040.73*	
		For NEMA 12 Enclosure, Add	*743.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0015		EA	400 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	6,847.93	555.41
			For NEMA 3R Enclosure, Add	*877.19*	
			For NEMA 4 Enclosure, Add	*1,040.73*	
			For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0016		EA	600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	9,361.05	694.26
			For NEMA 3R Enclosure, Add	*877.19*	
			For NEMA 4 Enclosure, Add	*1,040.73*	
			For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0017		EA	800 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	10,517.25	833.12
			For NEMA 3R Enclosure, Add	*1,077.90*	
			For NEMA 4 Enclosure, Add	*1,189.42*	
			For NEMA 12 Enclosure, Add	*1,040.73*	
26 36 23 00-0018		EA	1,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	13,618.16	1,110.82
			For NEMA 3R Enclosure, Add	*1,077.90*	
			For NEMA 4 Enclosure, Add	*1,189.42*	
			For NEMA 12 Enclosure, Add	*1,040.73*	
26 36 23 00-0019		EA	1,200 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	17,614.34	1,203.39
			For NEMA 3R Enclosure, Add	*2,378.82*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*1,115.07*	
26 36 23 00-0020		EA	1,600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	18,805.86	1,388.52
			For NEMA 3R Enclosure, Add	*3,865.57*	
			For NEMA 4 Enclosure, Add	*4,757.63*	
			For NEMA 12 Enclosure, Add	*3,865.57*	
26 36 23 00-0021		EA	2,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	21,498.66	1,573.66
			For NEMA 3R Enclosure, Add	*3,865.57*	
			For NEMA 4 Enclosure, Add	*4,757.63*	
			For NEMA 12 Enclosure, Add	*3,865.57*	
26 36 23 00-0022		EA	3,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	25,975.84	1,943.93
			For NEMA 3R Enclosure, Add	*3,865.57*	
26 36 23 00-0023		EA	4,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	44,819.82	2,314.21
			For NEMA 3R Enclosure, Add	*18,168.17*	

26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0025		EA	150 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	15,332.46	1,758.79
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*706.22*	
26 36 23 00-0026		EA	225 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	16,009.79	1,851.36
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*706.22*	
26 36 23 00-0027		EA	260 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	16,783.82	1,943.93
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*706.22*	
26 36 23 00-0028		EA	300 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	18,681.60	1,990.22
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*706.22*	
26 36 23 00-0029		EA	400 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	21,487.41	2,036.50
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*706.22*	
26 36 23 00-0030		EA	600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	25,710.43	2,129.06
			For NEMA 3R Enclosure, Add	*1,300.92*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0031		EA	800 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	28,307.83	2,221.63
			For NEMA 3R Enclosure, Add	*1,338.09*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*817.72*	
26 36 23 00-0032		EA	1,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	35,512.34	2,591.91
			For NEMA 3R Enclosure, Add	*1,338.09*	
			For NEMA 4 Enclosure, Add	*1,338.09*	
			For NEMA 12 Enclosure, Add	*817.72*	
26 36 23 00-0033		EA	1,200 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	46,155.87	2,777.05
			For NEMA 3R Enclosure, Add	*5,947.03*	
			For NEMA 4 Enclosure, Add	*7,433.79*	
			For NEMA 12 Enclosure, Add	*5,947.03*	
26 36 23 00-0034		EA	1,600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	60,083.73	2,962.18
			For NEMA 3R Enclosure, Add	*12,637.44*	
			For NEMA 4 Enclosure, Add	*12,637.44*	
			For NEMA 12 Enclosure, Add	*11,775.12*	
26 36 23 00-0035		EA	2,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	68,197.95	3,239.89
			For NEMA 3R Enclosure, Add	*12,637.44*	
			For NEMA 4 Enclosure, Add	*12,637.44*	
			For NEMA 12 Enclosure, Add	*11,775.12*	
26 36 23 00-0036		EA	3,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	108,773.94	3,702.72
			For NEMA 3R Enclosure, Add	*15,610.95*	
26 36 23 00-0037		EA	4,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	117,443.89	4,165.57
			For NEMA 3R Enclosure, Add	*15,610.95*	

26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0039	EA	40 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	4,915.95	231.42
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0040	EA	70 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	5,324.75	277.70
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0041	EA	125 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	5,732.86	323.99
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0042	EA	150 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	6,879.07	370.27
		For Four Pole Circuit Breaker, Add	*1,858.45*	
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0043	EA	225 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	8,937.18	416.56
		For Four Pole Circuit Breaker, Add	*1,858.45*	
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0044	EA	250 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	9,521.13	462.84
		For Four Pole Circuit Breaker, Add	*1,858.45*	
		For NEMA 3R Enclosure, Add	*371.69*	
		For NEMA 12 Enclosure, Add	*669.04*	
26 36 23 00-0045	EA	300 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	9,910.17	509.13
		For Four Pole Circuit Breaker, Add	*2,527.49*	
		For NEMA 3R Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0046	EA	400 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	11,208.36	555.41
		For Four Pole Circuit Breaker, Add	*2,527.49*	
		For NEMA 3R Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0047	EA	600 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	13,606.30	694.26
		For Four Pole Circuit Breaker, Add	*2,527.49*	
		For NEMA 3R Enclosure, Add	*966.39*	
		For NEMA 12 Enclosure, Add	*743.38*	
26 36 23 00-0048	EA	800 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	14,208.41	833.12
		For Four Pole Circuit Breaker, Add	*3,605.39*	
		For NEMA 3R Enclosure, Add	*1,665.17*	
		For NEMA 12 Enclosure, Add	*1,040.73*	
26 36 23 00-0049	EA	1,000 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	16,807.72	1,110.82
		For Four Pole Circuit Breaker, Add	*3,605.39*	
		For NEMA 3R Enclosure, Add	*1,665.17*	
		For NEMA 12 Enclosure, Add	*1,040.73*	

26 36 23 00-0050 Accessories *(26 36 23)*

26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	172.47
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	1,412.43
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	512.94

26 36 33 Non-Automatic Transfer Switches *(26 36)*

26 36 33 00-0001 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 33)*

26 36 33 00-0002	EA	40 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	2,068.53	231.42
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0003	EA	70 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	2,300.13	277.70
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0004	EA	125 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	2,614.18	323.99
		For NEMA 3R Enclosure, Add	*631.88*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0005	EA	150 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	2,463.23	370.27
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0006	EA	225 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	3,985.88	416.56
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0007	EA	260 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	4,479.18	462.84
		For NEMA 3R Enclosure, Add	*743.38*	
		For NEMA 12 Enclosure, Add	*594.70*	
26 36 33 00-0008	EA	300 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	4,979.98	509.13
		For NEMA 3R Enclosure, Add	*877.19*	
		For NEMA 12 Enclosure, Add	*743.38*	
26 36 33 00-0009	EA	400 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	5,830.41	555.41
		For NEMA 3R Enclosure, Add	*877.19*	
		For NEMA 12 Enclosure, Add	*743.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 33 00-0010	EA	600 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	7,695.39	694.26
		For NEMA 3R Enclosure, Add	*877.19*	
		For NEMA 12 Enclosure, Add	*743.38*	
26 36 33 00-0011	EA	800 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	8,677.80	833.12
		For NEMA 3R Enclosure, Add	*1,077.90*	
		For NEMA 12 Enclosure, Add	*1,040.73*	
26 36 33 00-0012	EA	1,000 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	11,467.94	1,110.82
		For NEMA 3R Enclosure, Add	*1,077.90*	
		For NEMA 12 Enclosure, Add	*1,040.73*	

26 40 Electrical And Cathodic Protection *(26)*

26 41 Facility Lightning Protection *(26 40)*

26 41 13 Lightning Protection For Structures *(26 41)*

26 41 13 00-0001 Lightning Protection *(26 41 13)*

26 41 13 00-0002 Air Terminals For Lightning Protection *(26 41 13 00-0001)*

26 41 13 00-0003 Copper Lightning Protection Air Terminals *(26 41 13 00-0002)*

26 41 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	47.12	9.02
26 41 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	58.74	9.02
26 41 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	75.92	9.02
26 41 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	84.49	9.02
26 41 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	162.84	18.04

26 41 13 00-0009 Aluminum Lightning Protection Air Terminals *(26 41 13 00-0002)*

26 41 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	31.02	9.02
26 41 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	40.03	9.02
26 41 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	48.92	9.02
26 41 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	54.68	9.02
26 41 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	101.48	18.04

26 41 13 00-0015 Terminal Bases For Lightning Protection *(26 41 13 00-0001)*

26 41 13 00-0016 Copper Lightning Protection Terminal Bases *(26 41 13 00-0015)*

26 41 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	67.82	27.06
26 41 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	91.47	36.07
26 41 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	122.37	45.09
26 41 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	91.47	36.07
26 41 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	96.87	36.07
26 41 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	173.02	72.15
26 41 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	120.95	45.09
26 41 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	67.82	27.06

26 41 13 00-0025 Aluminum Lightning Protection Terminal Bases *(26 41 13 00-0015)*

26 41 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	57.24	27.06
26 41 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	84.70	36.07
26 41 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	109.83	45.09
26 41 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	84.83	36.07
26 41 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	86.69	36.07
26 41 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	160.17	72.15
26 41 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	123.52	45.09
26 41 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	57.24	27.06

26 41 13 00-0034 Connectors *(26 41 13 00-0001)*

26 41 13 00-0035 Copper Cable Connectors *(26 41 13 00-0034)*

26 41 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	136.68	45.09
26 41 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	187.63	72.15
26 41 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	123.35	45.09
26 41 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	29.08	9.02
26 41 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	29.64	9.02
26 41 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	90.43	27.06

26 41 13 00-0042 Aluminum Cable Connectors *(26 41 13 00-0034)*

26 41 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	115.53	45.09
26 41 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	167.79	72.15
26 41 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	111.55	45.09
26 41 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	24.39	9.02
26 41 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	72.58	27.06

26 41 13 00-0048 Bonding Plates *(26 41 13 00-0001)*

26 41 13 00-0049 Copper Bonding Plates *(26 41 13 00-0048)*

26 41 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	110.47	45.09
26 41 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	113.78	45.09
26 41 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	167.73	72.15

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 13 00-0053		Aluminum Bonding Plates *(26 41 13 00-0048)*		
26 41 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	102.93	45.09
26 41 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	105.05	45.09
26 41 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	154.74	72.15
26 41 13 00-0057		Cable Supports *(26 41 13 00-0001)*		
26 41 13 00-0058		Copper Cable Supports *(26 41 13 00-0057)*		
26 41 13 00-0059	EA	Cable Supports For Copper Lightning Protection System	19.70	9.02
26 41 13 00-0060	EA	Adhesive Cable Supports For Copper Lightning Protection System	20.75	9.02
26 41 13 00-0061		Aluminum Cable Supports *(26 41 13 00-0057)*		
26 41 13 00-0062	EA	Cable Supports For Aluminum Lightning Protection System	19.48	9.02
26 41 13 00-0063	EA	Adhesive Cable Supports For Aluminum Lightning Protection System	19.88	9.02
26 41 13 00-0064		Bonding Straps *(26 41 13 00-0001)*		
26 41 13 00-0065		Copper Bonding Straps *(26 41 13 00-0064)*		
26 41 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	57.89	27.06
26 41 13 00-0067		Aluminum Bonding Straps *(26 41 13 00-0064)*		
26 41 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	52.73	27.06
26 41 13 00-0069		Accessories For Lightning Protection *(26 41 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
26 41 13 00-0070		Copper Adapters *(26 41 13 00-0069)*		
26 41 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	21.38	4.51
26 41 13 00-0072		Aluminum Adapters *(26 41 13 00-0069)*		
26 41 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	16.86	4.51
26 41 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	138.05	45.09
26 41 23		**Lightning Protection Surge Arresters And Suppressors** *(26 41)*		
26 41 23 00-0001		Surge And Lightning Arrestors *(26 41 23)*		
26 41 23 00-0002		Metal Top Intermediate Type IMX *(26 41 23 00-0001)*		
		Note: For outdoor construction, single phase.		
26 41 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	838.50	198.12
26 41 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	907.30	198.12
26 41 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	907.30	198.12
26 41 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,035.07	198.12
26 41 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,035.07	198.12
26 41 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,141.21	198.12
26 41 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,141.21	198.12
26 41 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,554.78	247.65
26 41 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,609.82	247.65
26 41 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,771.43	297.18
26 41 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,912.95	297.18
26 41 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,268.73	297.18
26 41 23 00-0015		Porcelain Top Intermediate Type IMX *(26 41 23 00-0001)*		
		Note: For cubicle mounting, single phase.		
26 41 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	838.50	198.12
26 41 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	907.30	198.12
26 41 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	907.30	198.12
26 41 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,035.07	198.12
26 41 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,035.07	198.12
26 41 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,141.21	198.12
26 41 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,141.21	198.12
26 41 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,554.78	247.65
26 41 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,609.82	247.65
26 41 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,771.43	297.18
26 41 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,912.95	297.18
26 41 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,268.73	297.18
26 41 23 00-0028		IMX Accessories *(26 41 23 00-0001)*		
26 41 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	696.98	198.12
26 41 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	689.12	198.12
26 41 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	630.23	198.12
26 41 23 00-0032		Lightning Arrestor And Cutouts *(26 41 23 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	476.83	198.12
26 41 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	890.87	198.12
26 41 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	838.50	198.12
26 41 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	520.07	198.12
26 41 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,005.50	198.12
26 41 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,035.07	198.12
26 41 23 00-0039	EA	5 KV Enclosed Fused Cutout	587.30	198.12
26 41 23 00-0040	EA	15 KV Open Fused Cutout	638.80	247.65
26 41 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	497.33	198.12
26 41 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,066.78	198.12

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	201.72	22.55
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	217.61	22.55
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	226.63	27.06
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	188.16	18.04
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	226.63	27.06

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	280.03	22.55
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	298.13	27.06
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	289.11	22.55
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	298.13	27.06

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	339.05	22.55
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	357.15	27.06
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	316.41	18.04
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	357.15	27.06

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	400.35	22.55
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	451.36	27.06
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	378.84	18.04

26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	706.73	27.06
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	697.71	22.55
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	706.73	27.06

26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	4,094.83	45.09
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	5,002.83	45.09

26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression *(26 43 13)*

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D. EMA series.

26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,303.13	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,642.94	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,324.12	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,084.22	180.37
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,483.58	248.01
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,446.90	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,800.87	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,568.12	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,401.11	180.37
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,972.59	248.01
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,446.90	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,800.87	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,568.08	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,401.11	180.37
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	10,972.59	248.01
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,590.68	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,960.84	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,814.13	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,720.07	180.37
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,463.58	248.01
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,757.73	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,126.91	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,071.29	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,054.17	180.37
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,282.83	248.01
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,574.21	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,110.44	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,560.76	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,656.21	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,231.93	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,719.71	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,656.21	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,231.93	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,719.71	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,760.50	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,362.53	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,923.20	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,869.84	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,501.23	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,136.82	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,259.87	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,599.68	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,280.85	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,403.64	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,757.61	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,524.86	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,403.64	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,757.61	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,524.82	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,547.42	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,917.58	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,770.87	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,714.47	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,083.65	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,028.02	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,530.95	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,067.18	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,517.50	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,612.95	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,188.67	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,676.44	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,612.95	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,188.67	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,676.44	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,717.23	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,319.27	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,879.94	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,826.58	117.24
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,457.97	135.28
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,093.56	157.82
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 50 Lighting *(26)*

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Interior Lighting Fixtures, Lamps, And Ballasts *(26 51)*

26 51 13 00-0001 Fluorescent Fixtures *(26 51 13)*

26 51 13 00-0002 Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0001)*

26 51 13 00-0003 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	101.93	25.81
26 51 13 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	113.15	25.81

26 51 13 00-0006 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	113.38	26.87
26 51 13 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	125.08	26.87

26 51 13 00-0009 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	134.15	30.17
26 51 13 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	156.11	30.17
26 51 13 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	180.29	30.17

26 51 13 00-0013 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	114.67	32.98
26 51 13 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	130.14	32.98

26 51 13 00-0016 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0002)*

26 51 13 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	171.67	38.42
26 51 13 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	183.08	38.42
26 51 13 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	205.00	38.42

26 51 13 00-0020 Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0001)*
Note: Includes prismatic lens.

26 51 13 00-0021 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	133.48	29.93
26 51 13 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	207.28	29.93
26 51 13 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	234.11	29.93

26 51 13 00-0025 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	202.67	32.98
26 51 13 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	220.06	32.98
26 51 13 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	232.69	32.98

26 51 13 00-0029 2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*

26 51 13 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	207.09	38.42
26 51 13 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	225.07	38.42
26 51 13 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	234.86	38.42
26 51 13 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	249.66	38.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 13 00-0020)*		
26 51 13 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	396.91	49.47
26 51 13 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	402.58	49.47
26 51 13 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	824.22	49.47
26 51 13 00-0038		Recessed Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	128.55	25.81
		For Drywall Or Plaster Ceilings, Add	*17.44*	
26 51 13 00-0042		1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	163.45	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	283.03	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0045		2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	168.25	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	189.57	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	192.51	32.98
		For Drywall Or Plaster Ceilings, Add	*22.27*	
26 51 13 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	206.80	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0050		2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 13 00-0039)*		
26 51 13 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	166.98	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	220.91	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	223.75	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	247.10	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	218.80	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	289.22	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	297.37	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0058		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0059		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	145.27	25.81
		For Drywall Or Plaster Ceilings, Add	*17.44*	
26 51 13 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	148.20	25.81
		For Drywall Or Plaster Ceilings, Add	*17.44*	
26 51 13 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	170.79	25.81
		For Drywall Or Plaster Ceilings, Add	*17.44*	
26 51 13 00-0063		1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	165.11	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	167.94	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	186.92	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0067		2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	172.52	32.98
		For Drywall Or Plaster Ceilings, Add	*22.27*	
26 51 13 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	175.46	32.98
		For Drywall Or Plaster Ceilings, Add	*22.27*	
26 51 13 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	197.72	32.98
		For Drywall Or Plaster Ceilings, Add	*22.27*	
26 51 13 00-0071		2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0058)*		
26 51 13 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	166.98	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	190.53	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	212.94	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	238.26	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0076		Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0077		1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	288.36	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	291.19	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	340.15	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	348.31	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0082		2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	237.53	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	262.80	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	319.36	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0086		2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures *(26 51 13 00-0076)*		
26 51 13 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	266.22	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	322.12	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	341.42	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	374.97	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0091		Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0092		1' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	229.84	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	296.60	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0095		2' x 2', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	231.29	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	261.15	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0098		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 13 00-0091)*		
26 51 13 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	257.99	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	258.49	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	217.03	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	211.94	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0101)*		
26 51 13 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	253.60	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	328.51	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	287.68	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0038)*		
26 51 13 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	207.96	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	211.72	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 13 00-0110)*		
26 51 13 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	258.69	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	263.29	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	269.88	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0119		Striplight Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0121	EA	1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture	99.03	24.74
26 51 13 00-0122	EA	1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture	117.09	24.74
26 51 13 00-0123	EA	1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture	117.85	27.45
26 51 13 00-0124	EA	1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture	121.32	30.17
26 51 13 00-0125	EA	1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture	143.19	32.65
26 51 13 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0127	EA	2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	120.22	27.45
26 51 13 00-0128	EA	2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	125.46	30.17
26 51 13 00-0129	EA	2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	128.27	32.98
26 51 13 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0131	EA	3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	165.41	27.45
26 51 13 00-0132	EA	3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	163.34	30.17
26 51 13 00-0133	EA	3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	165.51	32.98
26 51 13 00-0134		Display Case Fluorescent Fixtures *(26 51 13 00-0119)*		
26 51 13 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	77.66	27.06
26 51 13 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	95.27	27.06
26 51 13 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	103.50	31.56
26 51 13 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	105.27	31.56
26 51 13 00-0139		Industrial Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0141	EA	1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture	133.80	24.74
26 51 13 00-0142	EA	1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture	143.87	30.17
26 51 13 00-0143	EA	1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture	249.52	38.42
26 51 13 00-0144	EA	96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	138.59	38.42
26 51 13 00-0145		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0146	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	140.86	27.45
26 51 13 00-0147	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	150.83	32.98
26 51 13 00-0148	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	255.19	38.42
26 51 13 00-0149	EA	48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	136.18	32.98
26 51 13 00-0150	EA	96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp Note: With electronic ballast.	170.44	38.42
26 51 13 00-0151		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0152	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	146.74	27.45
26 51 13 00-0153	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	155.88	32.98
26 51 13 00-0154	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	227.45	38.42
26 51 13 00-0155		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 13 00-0139)*		
26 51 13 00-0156	EA	4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	203.81	32.98
26 51 13 00-0157	EA	4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	292.08	38.42

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0158		Flanged Fluorescent Fixture *(26 51 13 00-0001)* Note: For plaster or drywall application. With electronic ballast.		
26 51 13 00-0159	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	205.09	49.47
26 51 13 00-0160	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	237.40	49.47
26 51 13 00-0161	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	240.24	49.47
26 51 13 00-0162		Undercabinet Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0163	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	77.98	22.26
26 51 13 00-0164	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	91.89	27.20
26 51 13 00-0165	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	90.77	27.20
26 51 13 00-0166	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	106.97	29.68
26 51 13 00-0167	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	124.47	34.63
26 51 13 00-0168		Corner Mounted, Fluorescent Fixtures *(26 51 13 00-0001)* Note: Includes acrylic drop dish diffuser.		
26 51 13 00-0169		2' Length, Corner Mounted, Fluorescent Fixtures *(26 51 13 00-0168)*		
26 51 13 00-0170	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	131.72	24.74
26 51 13 00-0171	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	145.64	24.74
26 51 13 00-0172		3' Length, Corner Mounted, Fluorescent Fixtures *(26 51 13 00-0168)*		
26 51 13 00-0173	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	149.04	25.97
26 51 13 00-0174	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	162.41	25.97
26 51 13 00-0175		4' Length, Corner Mounted, Fluorescent Fixtures *(26 51 13 00-0168)*		
26 51 13 00-0176	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	147.11	27.20
26 51 13 00-0177	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	160.34	27.20
26 51 13 00-0178		Wall Bracket, Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0179		Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 13 00-0178)* Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0180		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 13 00-0179)*		
26 51 13 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	225.05	41.49
26 51 13 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	227.55	41.49
26 51 13 00-0183		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 13 00-0179)*		
26 51 13 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	309.28	41.49
26 51 13 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	312.77	41.49
26 51 13 00-0186		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 13 00-0179)*		
26 51 13 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	323.72	41.49
26 51 13 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	326.22	41.49
26 51 13 00-0189		Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 13 00-0178)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0190		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 13 00-0189)*		
26 51 13 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	360.35	41.49
26 51 13 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	362.85	41.49
26 51 13 00-0193		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 13 00-0189)*		
26 51 13 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	285.28	41.49
26 51 13 00-0195	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	288.77	41.49
26 51 13 00-0196		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 13 00-0189)*		
26 51 13 00-0197	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	327.82	41.49
26 51 13 00-0198	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	330.32	41.49
26 51 13 00-0199		Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 13 00-0178)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0200		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 13 00-0199)*		
26 51 13 00-0201	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	212.79	41.49
26 51 13 00-0202	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	215.29	41.49
26 51 13 00-0203		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 13 00-0199)*		
26 51 13 00-0204	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	213.78	41.49
26 51 13 00-0205	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	217.27	41.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0206		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 13 00-0199)*		
26 51 13 00-0207	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	203.40	41.49
26 51 13 00-0208	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	205.89	41.49
26 51 13 00-0209		Low Occupancy, Industrial Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0210	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	300.74	30.17
26 51 13 00-0211	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	304.86	32.98
26 51 13 00-0212		Accessories And Modifiers For Fluorescent Fixtures *(26 51 13 00-0001)*		
26 51 13 00-0213		Lens Modifications *(26 51 13 00-0212)*		
26 51 13 00-0214	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	19.30	
26 51 13 00-0215	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	23.84	
26 51 13 00-0216	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	24.97	
26 51 13 00-0217	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	27.24	
26 51 13 00-0218	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	32.92	
26 51 13 00-0219	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	7.94	
26 51 13 00-0220	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	11.35	
26 51 13 00-0221	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	12.48	
26 51 13 00-0222	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	14.76	
26 51 13 00-0223		Pendant Mounting Modifications *(26 51 13 00-0212)* Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 13 00-0224	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	8.63	
26 51 13 00-0225	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	9.99	
26 51 13 00-0226	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	12.78	
26 51 13 00-0227	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	15.10	
26 51 13 00-0228	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	19.07	
26 51 13 00-0229	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	25.88	
26 51 13 00-0230		Fluorescent Light Accessories *(26 51 13 00-0212)*		
26 51 13 00-0231	EA	Blank Metal Light Box Plate	14.01	
26 51 13 00-0232	EA	Factory Installed Fixture Mounted Occupancy Sensor	87.39	
26 51 13 00-0233		Wire Guards *(26 51 13 00-0212)*		
26 51 13 00-0234	EA	Wire Guard for 6" x 2' Fixture	39.37	4.52
26 51 13 00-0235	EA	Wire Guard for 6" x 4' Fixture	55.72	7.23
26 51 13 00-0236	EA	Wire Guard for 1" x 2' Fixture	43.92	4.97
26 51 13 00-0237	EA	Wire Guard for 1" x 4' Fixture	62.68	7.68
26 51 13 00-0238	EA	Wire Guard for 2" x 2' Fixture	53.32	5.42
26 51 13 00-0239	EA	Wire Guard for 2" x 4' Fixture	73.30	8.13
26 51 13 00-0240		Surface Mounted, Fluorescent Fixtures, Architectural *(26 51 13 00-0001)*		
26 51 13 00-0241		8-1/2"' x 4' Surface Mounted Architectural Fluorescent Fixtures *(26 51 13 00-0240)*		
26 51 13 00-0242	EA	8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp Note: With electronic ballast.	239.07	30.17
26 51 13 00-0243		LED Fixtures *(26 51 13)*		
26 51 13 00-0244		Undercabinet LED Fixtures *(26 51 13 00-0243)*		
26 51 13 00-0245	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	117.24	22.26
26 51 13 00-0246	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	149.39	27.20
26 51 13 00-0247	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	167.58	27.20
26 51 13 00-0248		Striplight LED Fixtures *(26 51 13 00-0243)*		
26 51 13 00-0249		Striplight LED Fixtures *(26 51 13 00-0248)*		
26 51 13 00-0250	EA	2' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia ZL1)	234.04	24.74
26 51 13 00-0251	EA	4' Length, 2,800 Lumens, LED Striplight Fixture (Lithonia ZL1)	242.29	30.17
26 51 13 00-0252	EA	2' Length, 1,400 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	233.56	24.74
26 51 13 00-0253	EA	4' Length, 2,300 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	241.81	30.17
26 51 13 00-0254	EA	4' Length, 4,600 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	311.33	30.17
26 51 13 00-0255		Lay-In/Troffer LED Fixtures *(26 51 13 00-0243)*		
26 51 13 00-0256		Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 13 00-0255)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0257		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 13 00-0256)*		
26 51 13 00-0258	EA	4,300 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	414.16	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0259	EA	3,300 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	328.72	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0260	EA	4,600 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	398.26	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0261		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera)** *(26 51 13 00-0256)*		
26 51 13 00-0262	EA	3,200 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	462.84	38.42
26 51 13 00-0263	EA	3,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	321.17	32.98
26 51 13 00-0264	EA	4,175 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	417.20	38.42
26 51 13 00-0265		**Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED)** *(26 51 13 00-0256)*		
26 51 13 00-0266	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	218.16	32.98
26 51 13 00-0267	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	239.93	32.98
26 51 13 00-0268	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	206.19	32.98
26 51 13 00-0269	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	206.19	32.98
26 51 13 00-0270	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	220.34	32.98
26 51 13 00-0271		**Volumetric, Lay-In/Troffer LED Fixtures** *(26 51 13 00-0255)*		
26 51 13 00-0272		**Volumetric, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 13 00-0271)*		
26 51 13 00-0273	EA	2,500 Lumens, 1' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	399.50	29.93
		For Drywall Or Plaster Ceilings, Add	*20.41*	
26 51 13 00-0274	EA	2,400 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	347.31	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0275	EA	3,300 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	354.49	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0276	EA	4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	387.31	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0277	EA	4,800 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	411.87	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0278	EA	2,400 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	328.41	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0279	EA	4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	328.41	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0280		**Architectural, Lay-In/Troffer LED Fixtures** *(26 51 13 00-0255)*		
26 51 13 00-0281		**Architectural, Lay-In/Troffer LED Fixtures (Lithonia)** *(26 51 13 00-0280)*		
		Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0282	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	373.01	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0283	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	443.95	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0284	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	507.80	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0285		**Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series)** *(26 51 13 00-0280)*		
		Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0286	EA	2,200 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	296.50	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*97.62*	
		For Surface Mount, Add	*152.24*	
26 51 13 00-0287	EA	3,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	319.97	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*97.62*	
		For Surface Mount, Add	*152.24*	
26 51 13 00-0288	EA	4,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	319.97	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*97.62*	
		For Surface Mount, Add	*152.24*	
26 51 13 00-0289	EA	5,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	354.55	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*97.62*	
		For Surface Mount, Add	*152.24*	
26 51 13 00-0290	EA	2,000 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™)	263.54	32.98
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*85.17*	
		For Surface Mount, Add	*143.24*	
26 51 13 00-0291	EA	3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™)	259.83	32.98
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*85.17*	
		For Surface Mount, Add	*143.24*	
26 51 13 00-0292	EA	2,200 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	296.50	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*99.72*	
		For Surface Mount, Add	*165.89*	

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26 51 13 00-0293	EA	3,100 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	319.97	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*99.72*	
		For Surface Mount, Add	*165.89*	
26 51 13 00-0294	EA	4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	319.97	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*99.72*	
		For Surface Mount, Add	*165.89*	
26 51 13 00-0295	EA	4,000 Lumens, High Efficiency, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® CR24™)	407.67	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*99.72*	
		For Surface Mount, Add	*165.89*	
26 51 13 00-0296	EA	5,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™)	354.55	38.42
		For Expanded Size Junction Box For Through Wiring, Add	*2.94*	
		For Drywall Or Plaster Ceilings, Add	*99.72*	
		For Surface Mount, Add	*165.89*	
26 51 13 00-0297		Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 13 00-0280)*		
		Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0298	EA	2,500 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	276.75	32.98
26 51 13 00-0299	EA	4,700 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	370.77	38.42
26 51 13 00-0300		Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 13 00-0255)*		
26 51 13 00-0301		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 13 00-0300)*		
26 51 13 00-0302	EA	3,300 Lumens, 2' x 2', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	336.01	32.98
		For Drywall Or Plaster Ceilings, Add	*22.26*	
26 51 13 00-0303	EA	4,600 Lumens, 2' x 4', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	456.51	38.42
		For Drywall Or Plaster Ceilings, Add	*25.97*	
26 51 13 00-0304		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 13 00-0255)*		
26 51 13 00-0305		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 13 00-0304)*		
26 51 13 00-0306	EA	3,100 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	237.96	38.42
26 51 13 00-0307	EA	3,100 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	238.35	32.98
26 51 13 00-0308	EA	4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	303.80	38.42
26 51 13 00-0309	EA	5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	303.80	38.42
26 51 13 00-0310		Surface Mount LED Fixtures *(26 51 13 00-0243)*		
26 51 13 00-0311		Surface Mount, Volumetric LED Fixtures *(26 51 13 00-0310)*		
26 51 13 00-0312	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	331.11	24.74
26 51 13 00-0313	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	377.95	30.17
26 51 13 00-0314		Surface Mount, Wraparound LED Fixtures *(26 51 13 00-0310)*		
26 51 13 00-0315	EA	2' Length, 3,500 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	191.80	30.17
26 51 13 00-0316	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	195.21	30.17
26 51 13 00-0317		Surface Mount, Shadow Box Style LED Fixtures *(26 51 13 00-0310)*		
26 51 13 00-0318		Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 13 00-0317)*		
26 51 13 00-0319	EA	3,300 Lumens, 2' x 2', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	427.75	32.98
26 51 13 00-0320	EA	4,600 Lumens, 2' x 4', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	548.25	38.42
26 51 13 00-0321		Recessed LED Downlights *(26 51 13 00-0243)*		
26 51 13 00-0322		Recessed LED Downlights *(26 51 13 00-0321)*		
26 51 13 00-0323		Recessed LED Downlights (Lithonia) *(26 51 13 00-0322)*		
		Note: Includes housing and trim.		
26 51 13 00-0324	EA	1,200 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	371.97	39.68
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*83.97*	
26 51 13 00-0325	EA	1,500 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	407.44	39.68
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*83.97*	
26 51 13 00-0326		Recessed LED Downlights (Portfolio®) *(26 51 13 00-0322)*		
		Note: Includes housing and trim.		
26 51 13 00-0327	EA	1,300 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Portfolio® LD413)	221.11	39.68
26 51 13 00-0328		Recessed LED Downlights (Gotham® EVO®) *(26 51 13 00-0322)*		
		Note: Includes housing and trim.		
26 51 13 00-0329	EA	1,800 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	324.66	39.68
26 51 13 00-0330	EA	1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	336.91	39.68
26 51 13 00-0331	EA	1,800 Lumens, 6" Diameter, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	387.15	39.68
26 51 13 00-0332	EA	1,800 Lumens, 6" Diameter, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	392.06	39.68

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26 51 13 00-0333	EA	1,800 Lumens, 6" Diameter, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	434.95	39.68
26 51 13 00-0334		**Recessed LED Downlights (Lightolier)** *(26 51 13 00-0322)* Note: Includes housing and trim.		
26 51 13 00-0335	EA	500 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	325.85	39.68
26 51 13 00-0336	EA	1,000 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	379.74	39.68
26 51 13 00-0337	EA	1,500 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	406.63	39.68
26 51 13 00-0338	EA	2,000 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	406.63	39.68
26 51 13 00-0339	EA	1,500 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	420.13	39.68
26 51 13 00-0340	EA	2,000 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	433.64	39.68
26 51 13 00-0341		**Recessed LED Downlight Retrofits And Trim (CREE®)** *(26 51 13 00-0321)*		
26 51 13 00-0342		**Recessed LED Downlight Retrofits (CREE®)** *(26 51 13 00-0341)* Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 13 00-0343	EA	575 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (Cree® CR4-575L)	50.22	
26 51 13 00-0344	EA	625 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-625L)	42.80	
26 51 13 00-0345	EA	800 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-800L)	57.63	
26 51 13 00-0346	EA	650 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6C-277)	66.27	
26 51 13 00-0347	EA	1,000 Lumens, Deep Recess, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	73.68	
26 51 13 00-0348		**Recessed LED Downlight Retrofits Trim (CREE®)** *(26 51 13 00-0341)* Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 13 00-0349	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	25.88	6.31
26 51 13 00-0350	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	30.82	6.31
26 51 13 00-0351	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	27.12	6.31
26 51 13 00-0352		**Recessed LED Downlight Fixture Housings (CREE®)** *(26 51 13 00-0341)* Note: Excludes lamp and trim.		
26 51 13 00-0353	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	70.23	27.06
26 51 13 00-0354	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	52.93	27.06
26 51 13 00-0355		**Can Retrofit Or Surface Mount, LED Downlights** *(26 51 13 00-0321)*		
26 51 13 00-0356	EA	15 Watt, 6" Diameter, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	90.44	24.74
26 51 13 00-0357	EA	7 Watt, 4" Diameter, Can Retrofit, LED Downlight (Green Creative 01-811-D)	69.71	24.74
26 51 13 00-0358	EA	9.5 Watt, 6" Diameter, Can Retrofit, LED Downlight (Green Creative 01-808-D)	69.71	24.74
26 51 13 00-0359	EA	8.9 Watt, 6" Diameter, Can Retrofit, LED Downlight (Lithonia 6BP)	81.92	24.74
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*31.35*	
26 51 13 00-0360		**Wall Mount LED Cylinder Downlight** *(26 51 13 00-0243)*		
26 51 13 00-0361	EA	2,200 Lumens, 9" Diameter, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	447.86	38.42
26 51 13 00-0362		**Concealed Continuous LED Fixtures** *(26 51 13 00-0243)*		
26 51 13 00-0363		**Concealed Continuous LED Fixtures (Fraqtir™ S301)** *(26 51 13 00-0362)*		
26 51 13 00-0364	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	369.93	4.12
26 51 13 00-0365	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	421.47	4.12
26 51 13 00-0366		**LED Low Bay Fixtures** *(26 51 13 00-0243)*		
26 51 13 00-0367		**LED Linear Low Bay Fixtures (PlanLED)** *(26 51 13 00-0366)*		
26 51 13 00-0368	EA	4' Length, 23 System Watts, LED Linear Low Bay Fixture (PlanLED A1W4)	213.04	49.47
26 51 13 00-0369	EA	4' Length, 42 System Watts, LED Linear Low Bay Fixture (PlanLED A2W4A)	280.52	49.47
26 51 13 00-0370	EA	8' Length, 84 System Watts, LED Linear Low Bay Fixture (PlanLED A2W5A)	456.77	61.84
26 51 13 00-0371		**LED Linear Low Bay Fixtures (CREE® CS)** *(26 51 13 00-0366)* Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 13 00-0372	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	421.27	49.47
26 51 13 00-0373	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	524.65	61.84
26 51 13 00-0374	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	661.77	61.84
26 51 13 00-0375		**LED Linear Low Bay Fixtures (Lithonia MSL)** *(26 51 13 00-0366)* Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0376	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	522.86	49.47
26 51 13 00-0377		**Wet/Hazardous Location, LED Fixtures** *(26 51 13 00-0243)*		
26 51 13 00-0378		**Wet Location, LED Fixtures** *(26 51 13 00-0377)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0379		Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 13 00-0378)* Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0380	EA	47 System Watts, 3,240 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	1,275.95	69.25
		For Ceiling Mount, Add	*9.13*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*42.44*	
		For Warm White Color Rendering, Add	*56.84*	
		For Stanchion Mount, Add	*62.19*	
		For Wall Mount, Add	*68.85*	
		For Polycarbonate Lens, Add	*81.83*	
		For Teflon Coated Lens, Add	*90.07*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0381	EA	63 System Watts, 3,778 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	1,336.39	74.21
		For Ceiling Mount, Add	*9.13*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*42.44*	
		For Warm White Color Rendering, Add	*56.84*	
		For Stanchion Mount, Add	*62.19*	
		For Wall Mount, Add	*68.85*	
		For Polycarbonate Lens, Add	*81.83*	
		For Teflon Coated Lens, Add	*90.07*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0382	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	1,503.31	79.15
		For Ceiling Mount, Add	*9.13*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*42.44*	
		For Warm White Color Rendering, Add	*56.84*	
		For Stanchion Mount, Add	*62.19*	
		For Wall Mount, Add	*68.85*	
		For Polycarbonate Lens, Add	*81.83*	
		For Teflon Coated Lens, Add	*90.07*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0383	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	1,858.03	84.10
		For Ceiling Mount, Add	*9.13*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*42.44*	
		For Warm White Color Rendering, Add	*56.84*	
		For Stanchion Mount, Add	*62.19*	
		For Wall Mount, Add	*68.85*	
		For Polycarbonate Lens, Add	*81.83*	
		For Teflon Coated Lens, Add	*90.07*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0384	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	2,170.09	89.04
		For Ceiling Mount, Add	*9.13*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*42.44*	
		For Warm White Color Rendering, Add	*56.84*	
		For Stanchion Mount, Add	*62.19*	
		For Wall Mount, Add	*68.85*	
		For Polycarbonate Lens, Add	*81.83*	
		For Teflon Coated Lens, Add	*90.07*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0385		Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 13 00-0378)* Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0386	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM5L)	1,381.87	74.21
		For Bolt-On Visor, Add	*31.03*	
		For Bolt-On Wire Guard, Add	*56.84*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	
26 51 13 00-0387	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM7L)	1,715.91	79.15
		For Bolt-On Visor, Add	*31.03*	
		For Bolt-On Wire Guard, Add	*56.84*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	
26 51 13 00-0388	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM9L)	1,890.56	84.10
		For Bolt-On Visor, Add	*31.03*	
		For Bolt-On Wire Guard, Add	*56.84*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0389	EA	188 System Watts, 9,481 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM11L)	2,167.20	89.04
		For Bolt-On Visor, Add	*31.03*	
		For Bolt-On Wire Guard, Add	*56.84*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	

26 51 13 00-0390 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 13 00-0378)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0391	EA	25 System Watts, 1,400 Lumens, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	816.99	69.25
		For 12/24 Volt DC Driver, Add	*23.98*	
		For Frosted Lens, Add	*27.01*	
		For 55 Degree Ambient Suitability (AC Only), Add	*32.63*	
		For Warm White Color Rendering, Add	*38.21*	
		For Ceiling Mount, Add	*52.61*	
		For Wall Mount, Add	*76.28*	
		For Teflon Coated Lens, Add	*103.58*	
		For Wall Mount With Junction Box, Add	*110.84*	

26 51 13 00-0392 Class I Division 2, Hazardous Location, LED Fixtures *(26 51 13 00-0377)*

26 51 13 00-0393 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 51 13 00-0392)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0394	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV5L)	1,584.21	74.21
		For Bolt-On Visor, Add	*35.69*	
		For Bolt-On Wire Guard, Add	*65.36*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	
26 51 13 00-0395	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV7L)	1,937.76	79.15
		For Bolt-On Visor, Add	*35.69*	
		For Bolt-On Wire Guard, Add	*65.36*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	
26 51 13 00-0396	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV9L)	2,187.71	84.10
		For Bolt-On Visor, Add	*35.69*	
		For Bolt-On Wire Guard, Add	*65.36*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	
26 51 13 00-0397	EA	188 System Watts, 9,481 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV11L)	2,444.58	89.04
		For Bolt-On Visor, Add	*35.69*	
		For Bolt-On Wire Guard, Add	*65.36*	
		For Factory Installed Fuse, Add	*79.95*	
		For 480 Volt, Add	*123.94*	
		For Warm White Color Rendering, Add	*126.64*	

26 51 13 00-0398 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 51 13 00-0392)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0399	EA	25 System Watts, 1,600 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	967.45	69.25
		For 12/24 Volt DC Driver, Add	*20.85*	
		For Frosted Lens, Add	*23.48*	
		For Warm White Color Temperature LEDs, Add	*28.38*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*33.22*	
		For Stanchion Mount, Add	*37.79*	
		For Ceiling Mount, Add	*55.24*	
		For Wall Mount, Add	*80.09*	
		For Teflon Coated Lens, Add	*90.07*	
		For Wall Mount With Junction Box, Add	*116.39*	

26 51 13 00-0400 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 51 13 00-0392)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0401	EA	47 System Watts, 3,240 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	1,449.20	69.25
		For Ceiling Mount, Add	*10.76*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*48.81*	
		For Warm White Color Rendering, Add	*56.84*	
		For Polycarbonate Lens, Add	*81.83*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0402	EA	63 System Watts, 3,778 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	1,604.70	74.21
		For Ceiling Mount, Add	*10.76*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*48.81*	
		For Warm White Color Rendering, Add	*56.84*	
		For Polycarbonate Lens, Add	*81.83*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0403	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	1,921.58	79.15
		For Ceiling Mount, Add	*10.76*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*48.81*	
		For Warm White Color Rendering, Add	*56.84*	
		For Polycarbonate Lens, Add	*81.83*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0404	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	2,336.24	84.10
		For Ceiling Mount, Add	*10.76*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*48.81*	
		For Warm White Color Rendering, Add	*56.84*	
		For Polycarbonate Lens, Add	*81.83*	
		For 480 Volt, Add	*123.94*	
26 51 13 00-0405	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	2,631.64	89.04
		For Ceiling Mount, Add	*10.76*	
		For Quick Clip Mounting Option, Add	*19.73*	
		For Frosted Lens, Add	*48.81*	
		For Warm White Color Rendering, Add	*56.84*	
		For Polycarbonate Lens, Add	*81.83*	
		For 480 Volt, Add	*123.94*	

26 51 13 00-0406 Class I Division 1, Explosion Proof, LED Fixtures *(26 51 13 00-0377)*

26 51 13 00-0407 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 51 13 00-0406)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 13 00-0408	EA	80 System Watts, 5,625 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	2,099.82	74.21
		For Wall Mount, Deduct	*-7.69*	
		For Warm Color Temperature LEDs, Add	*54.13*	
		For Stainless Steel Guard, Add	*76.63*	
		For Ceiling Mount, Add	*89.94*	
		For Stanchion Mount, Add	*134.19*	
		For Yoke Mount, Add	*337.88*	
26 51 13 00-0409	EA	100 System Watts, 6,750 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	2,549.90	79.15
		For Wall Mount, Deduct	*-7.69*	
		For Warm Color Temperature LEDs, Add	*54.13*	
		For Stainless Steel Guard, Add	*76.63*	
		For Ceiling Mount, Add	*89.94*	
		For Stanchion Mount, Add	*134.19*	
		For Yoke Mount, Add	*337.88*	
26 51 13 00-0410	EA	130 System Watts, 9,000 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	2,959.85	84.10
		For Wall Mount, Deduct	*-7.69*	
		For Warm Color Temperature LEDs, Add	*54.13*	
		For Stainless Steel Guard, Add	*76.63*	
		For Ceiling Mount, Add	*89.94*	
		For Stanchion Mount, Add	*134.19*	
		For Yoke Mount, Add	*337.88*	
26 51 13 00-0411	EA	151 System Watts, 10,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	3,377.31	89.04
		For Wall Mount, Deduct	*-7.69*	
		For Warm Color Temperature LEDs, Add	*54.13*	
		For Stainless Steel Guard, Add	*76.63*	
		For Ceiling Mount, Add	*89.94*	
		For Stanchion Mount, Add	*134.19*	
		For Yoke Mount, Add	*337.88*	
26 51 13 00-0412	EA	175 System Watts, 13,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	3,910.42	85.74
		For Wall Mount, Deduct	*-7.69*	
		For Warm Color Temperature LEDs, Add	*54.13*	
		For Stainless Steel Guard, Add	*76.63*	
		For Ceiling Mount, Add	*89.94*	
		For Stanchion Mount, Add	*134.19*	
		For Yoke Mount, Add	*337.88*	

26 51 13 00-0413 Refrigeration/Display LED Fixtures *(26 51 13 00-0243)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0414		Refrigeration/Display LED Fixtures (Lithonia) *(26 51 13 00-0413)* Note: Fixtures exclude driver.		
26 51 13 00-0415	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM DLC)	271.14	38.42
26 51 13 00-0416	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	345.99	68.02
26 51 13 00-0417	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	338.96	54.42
26 51 13 00-0418		Recessed Fixtures *(26 51 13)* Note: Housing and trim priced separately.		
26 51 13 00-0419		Recessed Fixture Housings *(26 51 13 00-0418)* Note: Lamps included in all prices. The housing insulation must be 3" from housing. ICT may be covered with insulation. Remodel housing may be installed from below ceiling. ICAT housing is air tight. Demo cost of housing includes demo of any fixture trim.		
26 51 13 00-0420		Compact Fluorescent, Recessed Fixture Housings *(26 51 13 00-0419)*		
26 51 13 00-0421	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	86.83	25.79
26 51 13 00-0422	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	88.92	25.79
26 51 13 00-0423	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	92.40	27.06
26 51 13 00-0424	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	95.34	28.23
26 51 13 00-0425	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	98.61	29.40
26 51 13 00-0426	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	102.13	31.20
26 51 13 00-0427		Fluorescent, Recessed Fixture Housings *(26 51 13 00-0419)*		
26 51 13 00-0428	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	77.71	25.79
26 51 13 00-0429	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	79.83	25.79
26 51 13 00-0430	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	83.24	26.97
26 51 13 00-0431	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	87.38	27.96
26 51 13 00-0432	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	91.08	29.40
26 51 13 00-0433	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	94.76	31.20
26 51 13 00-0434		High Pressure Sodium, Recessed Fixture Housings *(26 51 13 00-0419)*		
26 51 13 00-0435	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	89.84	25.97
26 51 13 00-0436	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	93.25	25.97
26 51 13 00-0437	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	97.89	27.06
26 51 13 00-0438	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	101.56	28.23
26 51 13 00-0439	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	105.19	29.40
26 51 13 00-0440	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	108.81	31.20
26 51 13 00-0441		Incandescent, Recessed Fixture Housings *(26 51 13 00-0419)*		
26 51 13 00-0442	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	53.82	25.79
26 51 13 00-0443	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	53.82	25.79
26 51 13 00-0444	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	56.92	27.06
26 51 13 00-0445	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	60.11	28.23
26 51 13 00-0446	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	63.30	29.40
26 51 13 00-0447	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	65.21	31.20
26 51 13 00-0448		Recessed Fixture Trim *(26 51 13 00-0418)*		
26 51 13 00-0449	EA	Circular, Recessed Fixture Trim	37.55	12.63
26 51 13 00-0450	EA	Circular Clear Lens, Recessed Fixture Trim	40.96	12.63
26 51 13 00-0451	EA	Open/Baffle, Recessed Fixture Trim	46.87	12.63
26 51 13 00-0452	EA	Specular Reflector, Recessed Fixture Trim	50.00	12.63
26 51 13 00-0453	EA	Eyeball, Recessed Fixture Trim	41.01	12.63
26 51 13 00-0454	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	39.18	12.63
26 51 13 00-0455	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	41.28	12.63
26 51 13 00-0456		Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect *(26 51 13 00-0418)*		
26 51 13 00-0457		2' x 2' Recessed Mounted Box Type Direct/Indirect *(26 51 13 00-0456)*		
26 51 13 00-0458	EA	2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps Note: With electronic ballast.	176.86	32.98
26 51 13 00-0459		Ceiling Mounted Fixtures *(26 51 13)*		
26 51 13 00-0460		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 13 00-0459)*		
26 51 13 00-0461		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 13 00-0460)*		
26 51 13 00-0462	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	90.74	36.07
26 51 13 00-0463	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	103.27	36.07
26 51 13 00-0464		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 13 00-0459)*		
26 51 13 00-0465		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 13 00-0464)*		
26 51 13 00-0466	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	81.27	36.07
26 51 13 00-0467	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	87.43	36.07
26 51 13 00-0468		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 13 00-0464)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0469	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	107.35	36.07
26 51 13 00-0470	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	141.84	36.07
26 51 13 00-0471	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	165.73	36.07
26 51 13 00-0472	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	118.52	36.07
26 51 13 00-0473	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	142.54	36.07
26 51 13 00-0474	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	165.73	36.07
26 51 13 00-0475		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 13 00-0459)*		
26 51 13 00-0476		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 13 00-0475)*		
26 51 13 00-0477	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	110.08	36.07
26 51 13 00-0478	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	133.63	36.07
26 51 13 00-0479	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	155.10	36.07
26 51 13 00-0480	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	92.32	36.07
26 51 13 00-0481	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	105.48	36.07
26 51 13 00-0482	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	130.41	36.07
26 51 13 00-0483		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 13 00-0459)*		
26 51 13 00-0484		Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights *(26 51 13 00-0483)*		
26 51 13 00-0485	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	151.87	29.63
26 51 13 00-0486		Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle *(26 51 13 00-0483)*		
26 51 13 00-0487	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	170.94	29.63
26 51 13 00-0488	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	232.47	29.63
26 51 13 00-0489		Pendant Mounted, Horizontal Indirect Fluorescent Fixtures *(26 51 13 00-0459)*		
26 51 13 00-0490	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	172.77	29.63
26 51 13 00-0491	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	185.95	29.63
26 51 13 00-0492	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	222.24	29.63
26 51 13 00-0493	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	226.92	29.63
26 51 13 00-0494	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	274.29	29.63
26 51 13 00-0495	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	329.01	29.63
26 51 13 00-0496		Finelite Fluorescent Fixtures *(26 51 13 00-0459)*		
26 51 13 00-0497		Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) *(26 51 13 00-0496)*		
26 51 13 00-0498	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	281.02	42.03
26 51 13 00-0499	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	279.31	42.03
26 51 13 00-0500	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	300.35	42.03
26 51 13 00-0501	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	339.68	42.03
26 51 13 00-0502	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	373.87	42.03
26 51 13 00-0503	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	458.12	42.03
26 51 13 00-0504	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	394.89	43.83
26 51 13 00-0505	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	405.11	43.83
26 51 13 00-0506	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	447.19	43.83
26 51 13 00-0507	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	439.39	43.83
26 51 13 00-0508	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	553.27	43.83
26 51 13 00-0509	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	653.50	43.83
26 51 13 00-0510	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	517.87	45.63
26 51 13 00-0511	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	535.48	45.63
26 51 13 00-0512	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	589.50	45.63
26 51 13 00-0513	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	607.37	45.63
26 51 13 00-0514	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	755.44	45.63
26 51 13 00-0515	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	908.06	45.63
26 51 13 00-0516		Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) *(26 51 13 00-0496)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0517	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	259.21	42.03
26 51 13 00-0518	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	281.19	42.03
26 51 13 00-0519	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	284.25	42.03
26 51 13 00-0520	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	371.84	43.83
26 51 13 00-0521	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	397.80	43.83
26 51 13 00-0522	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	403.93	43.83
26 51 13 00-0523	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	484.49	45.63
26 51 13 00-0524	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	550.42	45.63
26 51 13 00-0525	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	559.62	45.63
26 51 13 00-0526		Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8) *(26 51 13 00-0496)*		
26 51 13 00-0527	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	202.71	42.03
26 51 13 00-0528	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	212.44	42.03
26 51 13 00-0529	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	247.48	42.03
26 51 13 00-0530	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	259.09	43.83
26 51 13 00-0531	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	301.56	43.83
26 51 13 00-0532	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	352.08	43.83
26 51 13 00-0533	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	349.99	45.63
26 51 13 00-0534	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	422.89	45.63
26 51 13 00-0535	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	500.40	45.63
26 51 13 00-0536		Track Lighting *(26 51 13)*		
26 51 13 00-0537		Track Lighting Tracks *(26 51 13 00-0536)*		
26 51 13 00-0538	LF	1 Circuit Track Lighting Track	23.12	5.95
26 51 13 00-0539	LF	2 Circuit Track Lighting Track	30.59	5.95
26 51 13 00-0540	LF	3 Circuit Track Lighting Track	36.93	5.95
26 51 13 00-0541	LF	4 Circuit Track Lighting Track	43.27	7.21
26 51 13 00-0542		Track Lighting Fixtures *(26 51 13 00-0536)*		
26 51 13 00-0543		Compact Fluorescent Track Lighting Fixtures *(26 51 13 00-0542)*		
26 51 13 00-0544	EA	Compact Fluorescent Track Lighting Fixture	54.73	15.06
26 51 13 00-0545		Fluorescent Track Lighting Fixtures *(26 51 13 00-0542)*		
26 51 13 00-0546	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	266.99	15.06
26 51 13 00-0547	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	279.32	15.06
26 51 13 00-0548	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	287.03	15.06
26 51 13 00-0549	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	253.71	15.06
26 51 13 00-0550	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	324.61	15.06
26 51 13 00-0551		Metal Halide Track Lighting Fixtures *(26 51 13 00-0542)*		
26 51 13 00-0552	EA	Metal Halide Track Lighting Fixture	57.50	15.06
26 51 13 00-0553		Incandescent Track Lighting Fixtures *(26 51 13 00-0542)*		
26 51 13 00-0554	EA	Incandescent Track Lighting Fixture	47.85	15.06
26 51 13 00-0555	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	62.80	15.06
26 51 13 00-0556	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	93.89	15.06
26 51 13 00-0557	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	96.97	15.06
26 51 13 00-0558	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	76.87	15.06
26 51 13 00-0559	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	62.80	15.06
26 51 13 00-0560	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish Note: 120V.	75.39	15.06
26 51 13 00-0561	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	100.05	15.06
26 51 13 00-0562		LED Track Lighting Fixtures *(26 51 13 00-0542)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0563	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	213.72	15.06
26 51 13 00-0564	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	380.21	15.06
26 51 13 00-0565	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	220.05	15.06
26 51 13 00-0566		Track Lighting Accessories *(26 51 13 00-0536)*		
26 51 13 00-0567		Pendant Mounting *(26 51 13 00-0566)*		
26 51 13 00-0568	EA	Track Lighting Pendant Mounting, Up to 12"	26.52	
26 51 13 00-0569	EA	Track Lighting Pendant Mounting, >12" To 24"	35.68	
26 51 13 00-0570	EA	Track Lighting Pendant Mounting, >24" To 36"	44.01	
26 51 13 00-0571		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0572		Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0571)*		
26 51 13 00-0573		Incandescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0572)*		
26 51 13 00-0574	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	140.94	36.07
26 51 13 00-0575	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	168.35	36.07
26 51 13 00-0576		Compact Fluorescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0572)*		
26 51 13 00-0577	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	155.09	36.07
26 51 13 00-0578	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	160.47	36.07
26 51 13 00-0579	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	173.81	36.07
26 51 13 00-0580		Metal Halide, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0572)*		
26 51 13 00-0581	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	201.98	36.07
26 51 13 00-0582	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	209.55	36.07
26 51 13 00-0583	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	224.91	36.07
26 51 13 00-0584	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	248.01	36.07
26 51 13 00-0585		High Pressure Sodium, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0572)*		
26 51 13 00-0586	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	183.98	36.07
26 51 13 00-0587	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	193.37	36.07
26 51 13 00-0588	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	229.69	36.07
26 51 13 00-0589		Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 13 00-0571)*		
26 51 13 00-0590		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 13 00-0589)*		
26 51 13 00-0591		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) *(26 51 13 00-0590)*		
		Note: Includes high impact acrylic molded lens.		
26 51 13 00-0592	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	165.08	38.42
		For T5 Fixture Instead Of T8, Add	*12.29*	
26 51 13 00-0593	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	172.00	38.42
		For T5 Fixture Instead Of T8, Add	*13.09*	
26 51 13 00-0594	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	258.61	38.42
		For T5 Fixture Instead Of T8, Add	*23.00*	
26 51 13 00-0595	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	227.19	38.42
26 51 13 00-0596	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	354.51	38.42
26 51 13 00-0597		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) *(26 51 13 00-0590)*		
		Note: Includes high impact acrylic molded lens.		
26 51 13 00-0598	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	202.61	38.42
26 51 13 00-0599	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	204.60	38.42
26 51 13 00-0600	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	291.99	38.42
26 51 13 00-0601	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	244.70	38.42
26 51 13 00-0602	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	255.19	38.42
26 51 13 00-0603		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 13 00-0589)*		
		Note: Includes high impact acrylic molded lens.		
26 51 13 00-0604		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 13 00-0603)*		
		Note: Includes high impact acrylic molded lens.		
26 51 13 00-0605	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	301.75	52.19
		For T5 Fixture Instead Of T8, Add	*25.58*	
26 51 13 00-0606	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	312.60	52.19
		For T5 Fixture Instead Of T8, Add	*26.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0607		Large Interior Area Fixtures *(26 51 13)*		
26 51 13 00-0608		Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0607)* Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 13 00-0609		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0608)*		
26 51 13 00-0610	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	273.37	96.14
26 51 13 00-0611	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	285.82	102.09
26 51 13 00-0612	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	304.53	116.52
26 51 13 00-0613		Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 13 00-0608)*		
26 51 13 00-0614	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	281.39	96.14
26 51 13 00-0615	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	287.70	102.09
26 51 13 00-0616	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	311.16	116.52
26 51 13 00-0617		Low Bay Fixtures, Large Interior Area Fixtures *(26 51 13 00-0607)* Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
26 51 13 00-0618		High Pressure Sodium, Low Bay Fixtures *(26 51 13 00-0617)*		
26 51 13 00-0619	EA	150 Watt High Pressure Sodium, Low Bay Fixture	479.22	87.89
26 51 13 00-0620	EA	250 Watt High Pressure Sodium, Low Bay Fixture	489.90	93.33
26 51 13 00-0621	EA	400 Watt High Pressure Sodium, Low Bay Fixture	513.90	106.52
26 51 13 00-0622		Metal Halide, Low Bay Fixtures *(26 51 13 00-0617)*		
26 51 13 00-0623	EA	175 Watt Metal Halide, Low Bay Fixture	481.25	87.89
26 51 13 00-0624	EA	250 Watt Metal Halide, Low Bay Fixture	491.68	93.33
26 51 13 00-0625	EA	400 Watt Metal Halide, Low Bay Fixture	519.75	106.52
26 51 13 00-0626		High Bay Fixtures, Large Interior Area Fixtures *(26 51 13 00-0607)* Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
26 51 13 00-0627		High Pressure Sodium, High Bay Fixtures *(26 51 13 00-0626)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0628	EA	250 Watt High Pressure Sodium, High Bay Fixture	424.27	93.33
26 51 13 00-0629	EA	400 Watt High Pressure Sodium, High Bay Fixture	455.20	106.52
26 51 13 00-0630	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	691.69	112.04
26 51 13 00-0631		Metal Halide, High Bay Fixtures *(26 51 13 00-0626)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 13 00-0632	EA	250 Watt Metal Halide, High Bay Fixture	395.22	93.33
26 51 13 00-0633	EA	400 Watt Metal Halide, High Bay Fixture	423.03	106.52
26 51 13 00-0634	EA	1,000 Watt Metal Halide, High Bay Fixture	590.65	112.04
26 51 13 00-0635		(T8) Fluorescent, High Bay Fixtures *(26 51 13 00-0626)*		
26 51 13 00-0636		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 13 00-0635)* Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 13 00-0637	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	296.56	84.10
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0638	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	312.14	93.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0639	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	354.06	106.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0640	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	417.92	112.04
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0641	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	452.26	117.24
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0642	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	374.13	106.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0643	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	388.05	112.04
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0644	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	452.06	117.24
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 13 00-0645 (T5HO) Fluorescent, High Bay Fixtures *(26 51 13 00-0626)*

26 51 13 00-0646 (T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 13 00-0645)*

Note: For 8' fixture, use two (2) 4' fixtures.

26 51 13 00-0647	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	307.48	84.10
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0648	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	327.11	93.17
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0649	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	375.00	106.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0650	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	451.94	112.04
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0651	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	417.97	106.36
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0652	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	467.75	112.04
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 13 00-0653	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	561.41	117.24
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 13 00-0654 Induction, High Bay Fixtures *(26 51 13 00-0626)*

26 51 13 00-0655 Induction, High Bay Fixtures (Everlast®) *(26 51 13 00-0654)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 13 00-0656	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	464.21	81.62
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0657	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	501.25	84.35
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0658	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	509.92	87.07
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0659	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	560.58	89.78
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0660	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	574.91	92.51
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0661	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	503.94	81.62
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0662	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	540.98	84.35
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0663	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	549.65	87.07
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0664	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	600.31	89.78
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 13 00-0665	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	614.64	92.51
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 13 00-0666 LED, High Bay Fixtures *(26 51 13 00-0626)*

26 51 13 00-0667 LED High Bay Fixtures (Lithonia IBL) *(26 51 13 00-0666)*

Note: Includes aluminum alloy chassis.

26 51 13 00-0668	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	584.36	90.69
26 51 13 00-0669	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	641.11	90.69
26 51 13 00-0670	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	794.35	90.69
26 51 13 00-0671	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	855.64	90.69

26 51 13 00-0672 LED High Bay Fixtures (PlanLED) *(26 51 13 00-0666)*

26 51 13 00-0673 LED High Bay Fixtures (PlanLED LUNA) *(26 51 13 00-0672)*

Note: Includes aluminum alloy chassis.

26 51 13 00-0674	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	538.36	90.69
26 51 13 00-0675	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	599.31	90.69
26 51 13 00-0676	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	687.46	90.69
26 51 13 00-0677	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	773.44	90.69

26 51 13 00-0678 LED High Bay Fixtures (PlanLED IBL) *(26 51 13 00-0672)*

Note: Includes aluminum alloy chassis.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0679	EA	13,650 Lumens, 130 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	581.89	90.69
		For 480 Volt, Add	*30.14*	
26 51 13 00-0680	EA	21,000 Lumens, 200 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	794.12	90.69
		For 480 Volt, Add	*38.09*	
26 51 13 00-0681	EA	42,000 Lumens, 400 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	1,378.55	90.69
		For 480 Volt, Add	*60.22*	

26 51 13 00-0682 LED High Bay Fixtures (PlanLED SEGA) *(26 51 13 00-0672)*

Note: Includes aluminum alloy chassis.

26 51 13 00-0683	EA	10,400 Lumens, 80 System Watts, LED High Bay Fixture (PlanLED SEGA SE080)	467.62	90.69
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 51 13 00-0684	EA	13,000 Lumens, 100 System Watts, LED High Bay Fixture (PlanLED SEGA SE100)	497.00	90.69
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 51 13 00-0685	EA	16,900 Lumens, 130 System Watts, LED High Bay Fixture (PlanLED SEGA SE130)	598.22	90.69
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 51 13 00-0686	EA	20,800 Lumens, 160 System Watts, LED High Bay Fixture (PlanLED SEGA SE160)	671.14	90.69
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 51 13 00-0687	EA	50,000 Lumens, 400 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE400)	1,208.77	90.69
26 51 13 00-0688	EA	57,040 Lumens, 500 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE500)	1,304.54	90.69
26 51 13 00-0689	EA	80,000 Lumens, 640 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE640)	1,962.23	90.69

26 51 13 00-0690 Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0607)*

Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 13 00-0691 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0690)*

26 51 13 00-0692	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	386.08	62.50
26 51 13 00-0693	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	376.35	62.50
26 51 13 00-0694	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	430.63	62.50
26 51 13 00-0695	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	571.27	62.50

26 51 13 00-0696 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 13 00-0690)*

26 51 13 00-0697	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	320.93	62.50
26 51 13 00-0698	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	343.49	69.35
26 51 13 00-0699	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	366.50	75.12
26 51 13 00-0700	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	398.33	89.46

26 51 13 00-0701 Interior Lighting Accessories *(26 51 13)*

26 51 13 00-0702	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add	0.95	
		Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		

26 51 13 00-0703 Lighting Accessories *(26 51 13)*

26 51 13 00-0704 Modular Flexible Wiring Systems *(26 51 13 00-0703)*

26 51 13 00-0705	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	58.21	4.87
26 51 13 00-0706	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	66.68	4.87
26 51 13 00-0707	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	79.88	4.87
26 51 13 00-0708	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	66.68	4.87
26 51 13 00-0709	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	60.44	4.87
26 51 13 00-0710	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	87.01	4.87
26 51 13 00-0711	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	49.13	4.87
26 51 13 00-0712	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	55.00	4.87
26 51 13 00-0713	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	68.60	4.87
26 51 13 00-0714	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	68.60	4.87
26 51 13 00-0715	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	69.70	4.87
26 51 13 00-0716	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	69.29	4.87
26 51 13 00-0717	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	69.29	4.87
26 51 13 00-0718	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	79.19	4.87
26 51 13 00-0719	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	38.03	4.87
26 51 13 00-0720	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	35.72	4.87
26 51 13 00-0721	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	36.53	4.87
26 51 13 00-0722	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	45.08	4.87
26 51 13 00-0723	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	58.21	4.87
26 51 13 00-0724	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	59.61	4.87
26 51 13 00-0725	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	47.21	4.87
26 51 13 00-0726	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	35.72	4.87
26 51 13 00-0727	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	40.58	

26 51 13 00-0728 Removal And Reinstallation Of Light Fixtures *(26 51 13)*

Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.

26 51 13 00-0729	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	96.06	
26 51 13 00-0730	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	109.77	

26 51 13 00-0731 Retrofit Existing Fluorescent Fixtures *(26 51 13)*

26 51 13 00-0732	EA	Convert 1L F96 fixture to operate (2) F32T8 lamps	172.16	
		Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
		For Specular Reflector, Add	*21.79*	
		For Retrofit Kit Without Ballast, Deduct	*-62.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0733	EA	Convert 2L F96 fixture to operate (4) F32T8 lamps Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	176.67	
		For Specular Reflector, Add	*21.79*	
		For Retrofit Kit Without Ballast, Deduct	*-62.83*	
26 51 13 00-0734	EA	Convert 1L UFB40 fixture to operate (2) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	106.31	
		For Specular Reflector, Add	*6.35*	
		For Retrofit Kit Without Ballast, Deduct	*-35.40*	
26 51 13 00-0735	EA	Convert 2L UFB40 fixture to operate (3) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	109.92	
		For Specular Reflector, Add	*6.35*	
		For Retrofit Kit Without Ballast, Deduct	*-35.94*	

26 51 13 00-0736 Other Fixtures *(26 51 13)*

26 51 13 00-0737 Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0736)*

Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.

26 51 13 00-0738 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0739	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	128.44	25.81
26 51 13 00-0740	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	150.65	25.81

26 51 13 00-0741 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0742	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	137.80	26.87
26 51 13 00-0743	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	161.63	26.87

26 51 13 00-0744 8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0745	EA	8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	198.29	41.49
26 51 13 00-0746	EA	8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	207.03	41.49

26 51 13 00-0747 8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0748	EA	8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	224.51	41.49
26 51 13 00-0749	EA	8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	232.00	41.49
26 51 13 00-0750	EA	8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	241.98	41.49

26 51 13 00-0751 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0752	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	155.45	28.53
26 51 13 00-0753	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	182.07	28.53
26 51 13 00-0754	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	194.86	28.53

26 51 13 00-0755 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 13 00-0737)*

26 51 13 00-0756	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	166.27	30.17
26 51 13 00-0757	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	194.72	30.17
26 51 13 00-0758	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	208.16	30.17

26 52 Safety Lighting *(26 50)*

26 52 00 00-0001 Commercial Emergency Lights *(26 52)*

26 52 00 00-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 00 00-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 00 00-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	140.29	22.55
26 52 00 00-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	100.28	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	152.64	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	176.34	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	257.81	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	290.87	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	419.71	22.55
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 00 00-0010		**Remote Heads For Commercial Emergency Lights** *(26 52 00 00-0001)*		
		Note: For use with fixtures that have remote capability.		
26 52 00 00-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	94.13	13.53
26 52 00 00-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	94.73	13.53
26 52 00 00-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	96.73	13.53
26 52 00 00-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	96.40	13.53
26 52 00 00-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	84.12	13.53
26 52 00 00-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	59.74	13.53
26 52 00 00-0017		**Industrial Emergency Lights** *(26 52)*		
26 52 00 00-0018		**Painted Steel Housing, Industrial Emergency Lights** *(26 52 00 00-0017)*		
26 52 00 00-0019		**Painted Steel Housing, Industrial Emergency Lights** *(26 52 00 00-0018)*		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	239.81	22.55
		For Wireguard, Add	*117.16*	
26 52 00 00-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	202.82	22.55
		For Wireguard, Add	*117.16*	
26 52 00 00-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	310.94	22.55
		For Wireguard, Add	*117.16*	
26 52 00 00-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	329.60	22.55
		For Wireguard, Add	*117.16*	
26 52 00 00-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	466.45	22.55
		For Wireguard, Add	*124.79*	
26 52 00 00-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	728.25	22.55
		For Wireguard, Add	*124.79*	
26 52 00 00-0026		**Remote Heads For Painted Steel Housing, Industrial Emergency Lights** *(26 52 00 00-0018)*		
		Note: For use with fixtures that have remote capability.		
26 52 00 00-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	73.79	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	76.12	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	74.12	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	74.50	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	76.12	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	87.91	13.53
		For Wireguard, Add	*94.55*	
26 52 00 00-0033		**Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights** *(26 52 00 00-0017)*		
26 52 00 00-0034		**Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights** *(26 52 00 00-0033)*		
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	236.84	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	256.58	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	251.17	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	264.97	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*105.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	439.68	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*105.50*	
26 52 00 00-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	347.45	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*61.50*	
26 52 00 00-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	388.02	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*61.50*	
26 52 00 00-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	408.57	22.55
		For Wireguard, Add	*113.91*	
		For Self-Diagnostics, Add	*61.50*	

26 52 00 00-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 00 00-0033)*

Note: For use with fixtures that have remote capability.

26 52 00 00-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	64.87	13.53
26 52 00 00-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	69.57	13.53
26 52 00 00-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	64.92	13.53
26 52 00 00-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	68.38	13.53
26 52 00 00-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	59.49	13.53

26 52 00 00-0049 Outdoor Emergency Lights *(26 52)*

26 52 00 00-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 00 00-0049)*

Note: Includes nickel-cadmium batteries.

26 52 00 00-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	367.20	22.55
26 52 00 00-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	436.16	22.55

26 52 00 00-0053 Recessed Emergency Lights *(26 52)*

26 52 00 00-0054	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	398.54	22.55
		For Wire Guard, Add	*60.00*	
26 52 00 00-0055	EA	16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2) Note: Includes lead-calcium batteries and two adjustable lamp heads.	328.31	45.09
		For Wireguard, Add	*124.79*	
26 52 00 00-0056	EA	50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4) Note: Includes lead-calcium batteries and two adjustable lamp heads.	461.97	45.09
		For Wireguard, Add	*124.79*	

26 52 00 00-0057 Square Wraparound Emergency Lights *(26 52)*

26 52 00 00-0058	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	187.73	22.55

26 53 Exit Signs *(26 50)*

Note: Excludes pendants.

26 53 00 00-0001 LED Exit Signs *(26 53)*

Note: Includes red LED lamps.

26 53 00 00-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	120.69	32.96
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	120.69	32.96
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	161.66	32.96
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	161.66	32.96
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	176.30	32.96
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	197.65	32.96
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	167.37	32.96
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	182.87	32.96
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 53 00 00-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM)	214.60	32.96
		Note: Includes two circular side mounted krypton emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED)	305.42	32.96
		Note: Includes two circular side mounted LED emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	263.08	32.96
		Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	274.33	32.96
		Note: Includes two circular side mounted PAR 36 emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 53 00 00-0014		**Edge-Lit LED Exit Signs** *(26 53)*		
		Note: Includes red LED lamps.		
26 53 00 00-0015	EA	Single Face, Edge-Lit LED Exit Sign	238.93	32.96
		For Green LED Lamps, Add	*40.00*	
26 53 00 00-0016	EA	Double Face, Edge-Lit LED Exit Sign	255.20	32.96
		For Green LED Lamps, Add	*40.00*	
26 53 00 00-0017	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	289.17	32.96
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0018	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up	301.16	32.96
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
26 53 00 00-0019		**Self-Luminous Tritium Exit Signs** *(26 53)*		
		Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 53 00 00-0020	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	319.07	32.96
26 53 00 00-0021	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	571.94	32.96
26 53 00 00-0022	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	376.68	32.96
26 53 00 00-0023	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	618.19	32.96
26 53 00 00-0024	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	347.74	32.96
26 53 00 00-0025	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	618.19	32.96
26 53 00 00-0026	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	422.65	32.96
26 53 00 00-0027	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	763.15	32.96
26 53 00 00-0028		**Vandal-Resistant LED Exit Signs** *(26 53)*		
		Note: Includes red LED lamps.		
26 53 00 00-0029	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign	302.03	32.96
26 53 00 00-0030	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	458.62	32.96
26 53 00 00-0031	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	554.63	32.96
26 53 00 00-0032		**Remove And Reinstall Exit Light Fixture** *(26 53)*		
26 53 00 00-0033	EA	Removal And Reinstall Of Exit Light Fixtures	67.64	
		Note: Includes storage and cleaning.		
26 53 00 00-0034		**Exit Sign Accessories** *(26 53)*		
26 53 00 00-0035	EA	Polycarbonate Vandal Shield For Exit Signs	72.14	9.03
26 53 00 00-0036	EA	Wire Guard For Exit Signs Or Emergency Lights	44.18	9.03
26 53 00 00-0037	EA	Wire Guard For Combination Exit Sign And Emergency Light	66.69	7.23
26 53 00 00-0038	EA	Replacement Battery For Exit Signs	73.36	11.29

26 55 Special Purpose Lighting *(26 50)*

26 55 61 Theatrical Lighting *(26 55)*

26 55 61 00-0001 Stage Lighting *(26 55 61)*

26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	381.48	109.66
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	381.48	109.66
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	381.48	109.66
		Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.		
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	391.91	109.66
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak	283.53	109.66
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak	434.26	109.66
		Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight	1,208.60	109.66
		Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,445.86	109.66
26 55 61 00-0010	EA	PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	246.47	109.66
26 55 61 00-0011	EA	6' Long Borderlight Sections Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	729.25	109.66

26 55 70 Healthcare Lighting *(26 55)*

26 55 70 00-0001 Surgical Lighting Fixtures *(26 55 70)*

26 55 70 00-0002	EA	Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen	3,191.44	
26 55 70 00-0003	EA	Install Owner Furnished Surgical Lights	529.28	

26 55 70 00-0004 Patient Care Fluorescent Fixtures *(26 55 70)*

26 55 70 00-0005 Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)*
Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.

26 55 70 00-0006	EA	2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	766.92	41.49
26 55 70 00-0007	EA	2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	844.95	41.49
26 55 70 00-0008	EA	2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	690.09	41.49

26 55 70 00-0009 Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)*
Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.

26 55 70 00-0010	EA	2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	761.03	41.49

26 55 70 00-0011 Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) *(26 55 70 00-0004)*
Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.

26 55 70 00-0012	EA	2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	1,146.67	41.49

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles And Standards *(26 56)*

26 56 13 00-0001 Poles And Standards *(26 56 13)*
See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole, 26 56 19 00-0000 for street light fixtures.

26 56 13 00-0002 Roadway Light Poles *(26 56 13 00-0001)*

26 56 13 00-0003 Steel Roadway Light Poles *(26 56 13 00-0002)*
Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*

26 56 13 00-0005 Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*

26 56 13 00-0006 Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*

26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,849.02	297.18
		For Galvanized Finish, Add	*67.64*	
		For >10 To 20, Deduct	*-71.23*	
		For >20 To 40, Deduct	*-142.45*	
		For >40, Deduct	*-228.54*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,854.58	297.18
		For Galvanized Finish, Add	*67.81*	
		For >10 To 20, Deduct	*-71.36*	
		For >20 To 40, Deduct	*-142.73*	
		For >40, Deduct	*-228.95*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,085.74	396.24
		For Galvanized Finish, Add	*68.80*	
		For >10 To 20, Deduct	*-77.14*	
		For >20 To 40, Deduct	*-154.29*	
		For >40, Deduct	*-251.24*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,152.75	396.24
		For Galvanized Finish, Add	*70.81*	
		For >10 To 20, Deduct	*-78.82*	
		For >20 To 40, Deduct	*-157.64*	
		For >40, Deduct	*-256.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,219.75	396.24
		For Galvanized Finish, Add	*72.82*	
		For >10 To 20, Deduct	*-80.49*	
		For >20 To 40, Deduct	*-160.99*	
		For >40, Deduct	*-261.29*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,332.92	445.77
		For Galvanized Finish, Add	*73.24*	
		For >10 To 20, Deduct	*-83.32*	
		For >20 To 40, Deduct	*-166.65*	
		For >40, Deduct	*-272.26*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,364.69	445.77
		For Galvanized Finish, Add	*74.19*	
		For >10 To 20, Deduct	*-84.12*	
		For >20 To 40, Deduct	*-168.23*	
		For >40, Deduct	*-274.64*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,370.74	445.77
		For Galvanized Finish, Add	*74.38*	
		For >10 To 20, Deduct	*-84.27*	
		For >20 To 40, Deduct	*-168.54*	
		For >40, Deduct	*-275.09*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,533.08	470.53
		For Galvanized Finish, Add	*77.76*	
		For >10 To 20, Deduct	*-88.33*	
		For >20 To 40, Deduct	*-176.65*	
		For >40, Deduct	*-288.51*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,557.08	470.53
		For Galvanized Finish, Add	*78.48*	
		For >10 To 20, Deduct	*-88.93*	
		For >20 To 40, Deduct	*-177.85*	
		For >40, Deduct	*-290.31*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,583.29	470.53
		For Galvanized Finish, Add	*79.27*	
		For >10 To 20, Deduct	*-89.58*	
		For >20 To 40, Deduct	*-179.16*	
		For >40, Deduct	*-292.27*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,102.25	495.31
		For Galvanized Finish, Add	*93.35*	
		For >10 To 20, Deduct	*-102.56*	
		For >20 To 40, Deduct	*-205.11*	
		For >40, Deduct	*-332.43*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,110.79	495.31
		For Galvanized Finish, Add	*93.61*	
		For >10 To 20, Deduct	*-102.77*	
		For >20 To 40, Deduct	*-205.54*	
		For >40, Deduct	*-333.07*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,119.24	495.31
		For Galvanized Finish, Add	*93.86*	
		For >10 To 20, Deduct	*-102.98*	
		For >20 To 40, Deduct	*-205.96*	
		For >40, Deduct	*-333.71*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,556.24	346.72
		For Galvanized Finish, Add	*85.88*	
		For >10 To 20, Deduct	*-88.91*	
		For >20 To 40, Deduct	*-177.81*	
		For >40, Deduct	*-284.05*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,616.81	359.10
		For Galvanized Finish, Add	*86.96*	
		For >10 To 20, Deduct	*-90.42*	
		For >20 To 40, Deduct	*-180.84*	
		For >40, Deduct	*-289.22*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,668.55	371.48
		For Galvanized Finish, Add	*87.77*	
		For >10 To 20, Deduct	*-91.71*	
		For >20 To 40, Deduct	*-183.43*	
		For >40, Deduct	*-293.72*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,522.23	445.77
		For Galvanized Finish, Add	*78.92*	
		For >10 To 20, Deduct	*-88.06*	
		For >20 To 40, Deduct	*-176.11*	
		For >40, Deduct	*-286.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,561.21	458.15
		For Galvanized Finish, Add	*79.35*	
		For >10 To 20, Deduct	*-89.03*	
		For >20 To 40, Deduct	*-178.06*	
		For >40, Deduct	*-290.00*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,591.74	470.53
		For Galvanized Finish, Add	*79.52*	
		For >10 To 20, Deduct	*-89.79*	
		For >20 To 40, Deduct	*-179.59*	
		For >40, Deduct	*-292.91*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,796.78	495.31
		For Galvanized Finish, Add	*84.19*	
		For >10 To 20, Deduct	*-94.92*	
		For >20 To 40, Deduct	*-189.84*	
		For >40, Deduct	*-309.52*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,830.19	507.69
		For Galvanized Finish, Add	*84.44*	
		For >10 To 20, Deduct	*-95.75*	
		For >20 To 40, Deduct	*-191.51*	
		For >40, Deduct	*-312.65*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,860.43	520.07
		For Galvanized Finish, Add	*84.61*	
		For >10 To 20, Deduct	*-96.51*	
		For >20 To 40, Deduct	*-193.02*	
		For >40, Deduct	*-315.54*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,030.16	520.07
		For Galvanized Finish, Add	*89.70*	
		For >10 To 20, Deduct	*-100.75*	
		For >20 To 40, Deduct	*-201.51*	
		For >40, Deduct	*-328.27*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,092.07	532.45
		For Galvanized Finish, Add	*90.82*	
		For >10 To 20, Deduct	*-102.30*	
		For >20 To 40, Deduct	*-204.60*	
		For >40, Deduct	*-333.53*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,152.07	544.83
		For Galvanized Finish, Add	*91.87*	
		For >10 To 20, Deduct	*-103.80*	
		For >20 To 40, Deduct	*-207.60*	
		For >40, Deduct	*-338.65*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,566.31	544.83
		For Galvanized Finish, Add	*104.30*	
		For >10 To 20, Deduct	*-114.16*	
		For >20 To 40, Deduct	*-228.32*	
		For >40, Deduct	*-369.72*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,596.64	557.21
		For Galvanized Finish, Add	*104.47*	
		For >10 To 20, Deduct	*-114.92*	
		For >20 To 40, Deduct	*-229.83*	
		For >40, Deduct	*-372.61*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,627.16	569.60
		For Galvanized Finish, Add	*104.64*	
		For >10 To 20, Deduct	*-115.68*	
		For >20 To 40, Deduct	*-231.36*	
		For >40, Deduct	*-375.52*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,147.56	495.31
		For Galvanized Finish, Add	*94.71*	
		For >10 To 20, Deduct	*-103.69*	
		For >20 To 40, Deduct	*-207.38*	
		For >40, Deduct	*-335.83*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,202.76	520.07
		For Galvanized Finish, Add	*94.88*	
		For >10 To 20, Deduct	*-105.07*	
		For >20 To 40, Deduct	*-210.14*	
		For >40, Deduct	*-341.21*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,266.41	544.83
		For Galvanized Finish, Add	*95.30*	
		For >10 To 20, Deduct	*-106.66*	
		For >20 To 40, Deduct	*-213.32*	
		For >40, Deduct	*-347.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,388.13	544.83
		For Galvanized Finish, Add	*98.95*	
		For >10 To 20, Deduct	*-109.70*	
		For >20 To 40, Deduct	*-219.41*	
		For >40, Deduct	*-356.35*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,446.01	569.60
		For Galvanized Finish, Add	*99.20*	
		For >10 To 20, Deduct	*-111.15*	
		For >20 To 40, Deduct	*-222.30*	
		For >40, Deduct	*-361.93*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,501.21	594.36
		For Galvanized Finish, Add	*99.37*	
		For >10 To 20, Deduct	*-112.53*	
		For >20 To 40, Deduct	*-225.06*	
		For >40, Deduct	*-367.31*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,669.40	569.60
		For Galvanized Finish, Add	*105.91*	
		For >10 To 20, Deduct	*-116.74*	
		For >20 To 40, Deduct	*-233.47*	
		For >40, Deduct	*-378.68*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,724.60	594.36
		For Galvanized Finish, Add	*106.08*	
		For >10 To 20, Deduct	*-118.12*	
		For >20 To 40, Deduct	*-236.23*	
		For >40, Deduct	*-384.06*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,779.80	619.12
		For Galvanized Finish, Add	*106.25*	
		For >10 To 20, Deduct	*-119.50*	
		For >20 To 40, Deduct	*-238.99*	
		For >40, Deduct	*-389.44*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,030.36	594.36
		For Galvanized Finish, Add	*115.25*	
		For >10 To 20, Deduct	*-125.76*	
		For >20 To 40, Deduct	*-251.52*	
		For >40, Deduct	*-407.00*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,085.27	619.12
		For Galvanized Finish, Add	*115.41*	
		For >10 To 20, Deduct	*-127.13*	
		For >20 To 40, Deduct	*-254.26*	
		For >40, Deduct	*-412.35*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,146.12	643.90
		For Galvanized Finish, Add	*115.75*	
		For >10 To 20, Deduct	*-128.65*	
		For >20 To 40, Deduct	*-257.31*	
		For >40, Deduct	*-418.15*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,614.41	544.83
		For Galvanized Finish, Add	*105.74*	
		For >10 To 20, Deduct	*-115.36*	
		For >20 To 40, Deduct	*-230.72*	
		For >40, Deduct	*-373.32*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,697.14	581.98
		For Galvanized Finish, Add	*106.00*	
		For >10 To 20, Deduct	*-117.43*	
		For >20 To 40, Deduct	*-234.86*	
		For >40, Deduct	*-381.38*	
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	4,777.01	619.12
		For Galvanized Finish, Add	*106.16*	
		For >10 To 20, Deduct	*-119.43*	
		For >20 To 40, Deduct	*-238.85*	
		For >40, Deduct	*-389.23*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,889.63	594.36
		For Galvanized Finish, Add	*111.03*	
		For >10 To 20, Deduct	*-122.24*	
		For >20 To 40, Deduct	*-244.48*	
		For >40, Deduct	*-396.44*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,969.87	631.51
		For Galvanized Finish, Add	*111.21*	
		For >10 To 20, Deduct	*-124.25*	
		For >20 To 40, Deduct	*-248.49*	
		For >40, Deduct	*-404.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,017.48	668.66
		For Galvanized Finish, Add	*110.40*	
		For >10 To 20, Deduct	*-125.44*	
		For >20 To 40, Deduct	*-250.87*	
		For >40, Deduct	*-409.74*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,260.66	619.12
		For Galvanized Finish, Add	*120.67*	
		For >10 To 20, Deduct	*-131.52*	
		For >20 To 40, Deduct	*-263.03*	
		For >40, Deduct	*-425.51*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,379.12	656.28
		For Galvanized Finish, Add	*122.00*	
		For >10 To 20, Deduct	*-134.48*	
		For >20 To 40, Deduct	*-268.96*	
		For >40, Deduct	*-436.25*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,423.55	693.42
		For Galvanized Finish, Add	*121.10*	
		For >10 To 20, Deduct	*-135.59*	
		For >20 To 40, Deduct	*-271.18*	
		For >40, Deduct	*-441.44*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,494.12	643.90
		For Galvanized Finish, Add	*126.19*	
		For >10 To 20, Deduct	*-137.35*	
		For >20 To 40, Deduct	*-274.71*	
		For >40, Deduct	*-444.25*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,573.98	681.04
		For Galvanized Finish, Add	*126.36*	
		For >10 To 20, Deduct	*-139.35*	
		For >20 To 40, Deduct	*-278.70*	
		For >40, Deduct	*-452.10*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,656.72	718.19
		For Galvanized Finish, Add	*126.61*	
		For >10 To 20, Deduct	*-141.42*	
		For >20 To 40, Deduct	*-282.84*	
		For >40, Deduct	*-460.16*	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,293.10	396.24
		For Galvanized Finish, Add	*75.02*	
		For >10 To 20, Deduct	*-82.33*	
		For >20 To 40, Deduct	*-164.66*	
		For >40, Deduct	*-266.79*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,727.28	445.77
		For Galvanized Finish, Add	*85.07*	
		For >10 To 20, Deduct	*-93.18*	
		For >20 To 40, Deduct	*-186.36*	
		For >40, Deduct	*-301.83*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,823.48	470.53
		For Galvanized Finish, Add	*86.47*	
		For >10 To 20, Deduct	*-95.59*	
		For >20 To 40, Deduct	*-191.17*	
		For >40, Deduct	*-310.29*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,588.78	495.31
		For Galvanized Finish, Add	*107.95*	
		For >10 To 20, Deduct	*-114.72*	
		For >20 To 40, Deduct	*-229.44*	
		For >40, Deduct	*-368.92*	

26 56 13 00-0069 Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*

26 56 13 00-0070 Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*

26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,294.09	396.24
		For Galvanized Finish, Add	*105.05*	
		For >10 To 20, Deduct	*-107.35*	
		For >20 To 40, Deduct	*-214.70*	
		For >40, Deduct	*-341.87*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,337.00	396.24
		For Galvanized Finish, Add	*106.34*	
		For >10 To 20, Deduct	*-108.43*	
		For >20 To 40, Deduct	*-216.85*	
		For >40, Deduct	*-345.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,356.59	396.24
		For Galvanized Finish, Add	*106.92*	
		For >10 To 20, Deduct	*-108.91*	
		For >20 To 40, Deduct	*-217.83*	
		For >40, Deduct	*-346.56*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,436.05	445.77
		For Galvanized Finish, Add	*106.34*	
		For >10 To 20, Deduct	*-110.90*	
		For >20 To 40, Deduct	*-221.80*	
		For >40, Deduct	*-354.99*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,443.54	445.77
		For Galvanized Finish, Add	*106.56*	
		For >10 To 20, Deduct	*-111.09*	
		For >20 To 40, Deduct	*-222.18*	
		For >40, Deduct	*-355.55*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,520.92	445.77
		For Galvanized Finish, Add	*108.88*	
		For >10 To 20, Deduct	*-113.02*	
		For >20 To 40, Deduct	*-226.05*	
		For >40, Deduct	*-361.36*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,511.03	470.53
		For Galvanized Finish, Add	*107.10*	
		For >10 To 20, Deduct	*-112.78*	
		For >20 To 40, Deduct	*-225.55*	
		For >40, Deduct	*-361.85*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,556.34	470.53
		For Galvanized Finish, Add	*108.46*	
		For >10 To 20, Deduct	*-113.91*	
		For >20 To 40, Deduct	*-227.82*	
		For >40, Deduct	*-365.25*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,793.94	470.53
		For Galvanized Finish, Add	*115.59*	
		For >10 To 20, Deduct	*-119.85*	
		For >20 To 40, Deduct	*-239.70*	
		For >40, Deduct	*-383.07*	

26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*

26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,633.83	495.31
		For Galvanized Finish, Add	*139.30*	
		For >10 To 20, Deduct	*-140.85*	
		For >20 To 40, Deduct	*-281.69*	
		For >40, Deduct	*-447.30*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,724.46	520.07
		For Galvanized Finish, Add	*140.53*	
		For >10 To 20, Deduct	*-143.11*	
		For >20 To 40, Deduct	*-286.22*	
		For >40, Deduct	*-455.34*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,935.27	544.83
		For Galvanized Finish, Add	*145.37*	
		For >10 To 20, Deduct	*-148.38*	
		For >20 To 40, Deduct	*-296.76*	
		For >40, Deduct	*-472.39*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,709.09	544.83
		For Galvanized Finish, Add	*138.58*	
		For >10 To 20, Deduct	*-142.73*	
		For >20 To 40, Deduct	*-285.45*	
		For >40, Deduct	*-455.42*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,970.87	569.60
		For Galvanized Finish, Add	*144.95*	
		For >10 To 20, Deduct	*-149.27*	
		For >20 To 40, Deduct	*-298.54*	
		For >40, Deduct	*-476.30*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,124.86	594.36
		For Galvanized Finish, Add	*148.08*	
		For >10 To 20, Deduct	*-153.12*	
		For >20 To 40, Deduct	*-306.24*	
		For >40, Deduct	*-489.08*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,877.17	569.60
		For Galvanized Finish, Add	*142.14*	
		For >10 To 20, Deduct	*-146.93*	
		For >20 To 40, Deduct	*-293.86*	
		For >40, Deduct	*-469.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,229.50	594.36
		For Galvanized Finish, Add	*151.22*	
		For >10 To 20, Deduct	*-155.74*	
		For >20 To 40, Deduct	*-311.48*	
		For >40, Deduct	*-496.93*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,434.55	619.12
		For Galvanized Finish, Add	*155.89*	
		For >10 To 20, Deduct	*-160.86*	
		For >20 To 40, Deduct	*-321.73*	
		For >40, Deduct	*-513.55*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,529.34	297.18
		For >10 To 20, Deduct	*-63.23*	
		For >20 To 40, Deduct	*-126.47*	
		For >40, Deduct	*-204.56*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,552.76	297.18
		For >10 To 20, Deduct	*-63.82*	
		For >20 To 40, Deduct	*-127.64*	
		For >40, Deduct	*-206.32*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,081.03	396.24
		For >10 To 20, Deduct	*-77.03*	
		For >20 To 40, Deduct	*-154.05*	
		For >40, Deduct	*-250.89*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,125.29	396.24
		For >10 To 20, Deduct	*-78.13*	
		For >20 To 40, Deduct	*-156.26*	
		For >40, Deduct	*-254.21*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,165.99	396.24
		For >10 To 20, Deduct	*-79.15*	
		For >20 To 40, Deduct	*-158.30*	
		For >40, Deduct	*-257.26*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,542.20	445.77
		For >10 To 20, Deduct	*-88.56*	
		For >20 To 40, Deduct	*-177.11*	
		For >40, Deduct	*-287.95*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,579.54	445.77
		For >10 To 20, Deduct	*-89.49*	
		For >20 To 40, Deduct	*-178.98*	
		For >40, Deduct	*-290.75*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,621.30	445.77
		For >10 To 20, Deduct	*-90.53*	
		For >20 To 40, Deduct	*-181.07*	
		For >40, Deduct	*-293.89*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,182.52	470.53
		For >10 To 20, Deduct	*-104.56*	
		For >20 To 40, Deduct	*-209.13*	
		For >40, Deduct	*-337.22*	
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,219.77	470.53
		For >10 To 20, Deduct	*-105.49*	
		For >20 To 40, Deduct	*-210.99*	
		For >40, Deduct	*-340.01*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,250.97	470.53
		For >10 To 20, Deduct	*-106.27*	
		For >20 To 40, Deduct	*-212.55*	
		For >40, Deduct	*-342.35*	

26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	2,894.32	346.72
		For >10 To 20, Deduct	*-72.36*	
		For >20 To 40, Deduct	*-144.72*	
		For >40, Deduct	*-234.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,123.85	346.72
		For >10 To 20, Deduct	*-78.10*	
		For >20 To 40, Deduct	*-156.19*	
		For >40, Deduct	*-251.62*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,218.12	371.48
		For >10 To 20, Deduct	*-80.45*	
		For >20 To 40, Deduct	*-160.91*	
		For >40, Deduct	*-259.93*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,433.43	445.77
		For >10 To 20, Deduct	*-85.84*	
		For >20 To 40, Deduct	*-171.67*	
		For >40, Deduct	*-279.80*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,604.31	458.15
		For >10 To 20, Deduct	*-90.11*	
		For >20 To 40, Deduct	*-180.22*	
		For >40, Deduct	*-293.23*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,854.20	470.53
		For >10 To 20, Deduct	*-96.36*	
		For >20 To 40, Deduct	*-192.71*	
		For >40, Deduct	*-312.59*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,975.05	495.31
		For >10 To 20, Deduct	*-99.38*	
		For >20 To 40, Deduct	*-198.75*	
		For >40, Deduct	*-322.89*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,135.37	507.69
		For >10 To 20, Deduct	*-103.38*	
		For >20 To 40, Deduct	*-206.77*	
		For >40, Deduct	*-335.54*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,332.75	520.07
		For >10 To 20, Deduct	*-108.32*	
		For >20 To 40, Deduct	*-216.64*	
		For >40, Deduct	*-350.96*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,535.79	520.07
		For >10 To 20, Deduct	*-113.39*	
		For >20 To 40, Deduct	*-226.79*	
		For >40, Deduct	*-366.19*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,983.14	532.45
		For >10 To 20, Deduct	*-124.58*	
		For >20 To 40, Deduct	*-249.16*	
		For >40, Deduct	*-400.36*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,504.71	544.83
		For >10 To 20, Deduct	*-137.62*	
		For >20 To 40, Deduct	*-275.24*	
		For >40, Deduct	*-440.10*	

26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,362.89	396.24
		For >10 To 20, Deduct	*-84.07*	
		For >20 To 40, Deduct	*-168.14*	
		For >40, Deduct	*-272.03*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	3,598.07	421.01
		For >10 To 20, Deduct	*-89.95*	
		For >20 To 40, Deduct	*-179.90*	
		For >40, Deduct	*-290.91*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,080.74	495.31
		For >10 To 20, Deduct	*-102.02*	
		For >20 To 40, Deduct	*-204.04*	
		For >40, Deduct	*-330.82*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,253.07	520.07
		For >10 To 20, Deduct	*-106.33*	
		For >20 To 40, Deduct	*-212.65*	
		For >40, Deduct	*-344.98*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,453.99	544.83
		For >10 To 20, Deduct	*-111.35*	
		For >20 To 40, Deduct	*-222.70*	
		For >40, Deduct	*-361.29*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,609.21	569.60
		For >10 To 20, Deduct	*-115.23*	
		For >20 To 40, Deduct	*-230.46*	
		For >40, Deduct	*-374.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,829.05	569.60
		For >10 To 20, Deduct	*-120.73*	
		For >20 To 40, Deduct	*-241.45*	
		For >40, Deduct	*-390.66*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,268.73	594.36
		For >10 To 20, Deduct	*-131.72*	
		For >20 To 40, Deduct	*-263.44*	
		For >40, Deduct	*-424.87*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	6,210.89	619.12
		For >10 To 20, Deduct	*-155.27*	
		For >20 To 40, Deduct	*-310.54*	
		For >40, Deduct	*-496.77*	

26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,461.36	445.77
		For >10 To 20, Deduct	*-86.53*	
		For >20 To 40, Deduct	*-173.07*	
		For >40, Deduct	*-281.89*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	3,601.91	445.77
		For >10 To 20, Deduct	*-90.05*	
		For >20 To 40, Deduct	*-180.10*	
		For >40, Deduct	*-292.43*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,462.73	544.83
		For >10 To 20, Deduct	*-111.57*	
		For >20 To 40, Deduct	*-223.14*	
		For >40, Deduct	*-361.95*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,836.63	581.98
		For >10 To 20, Deduct	*-120.92*	
		For >20 To 40, Deduct	*-241.83*	
		For >40, Deduct	*-391.85*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,052.83	594.36
		For >10 To 20, Deduct	*-126.32*	
		For >20 To 40, Deduct	*-252.64*	
		For >40, Deduct	*-408.68*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,395.63	631.51
		For >10 To 20, Deduct	*-134.89*	
		For >20 To 40, Deduct	*-269.78*	
		For >40, Deduct	*-436.25*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,325.17	619.12
		For >10 To 20, Deduct	*-133.13*	
		For >20 To 40, Deduct	*-266.26*	
		For >40, Deduct	*-430.34*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,087.50	656.28
		For >10 To 20, Deduct	*-152.19*	
		For >20 To 40, Deduct	*-304.38*	
		For >40, Deduct	*-489.38*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,758.72	693.42
		For >10 To 20, Deduct	*-168.97*	
		For >20 To 40, Deduct	*-337.94*	
		For >40, Deduct	*-541.58*	

26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

26 56 13 00-0139 Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*

26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	3,731.34	396.24
		For >10 To 20, Deduct	*-93.28*	
		For >20 To 40, Deduct	*-186.57*	
		For >40, Deduct	*-299.66*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	3,762.63	396.24
		For >10 To 20, Deduct	*-94.07*	
		For >20 To 40, Deduct	*-188.13*	
		For >40, Deduct	*-302.01*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	3,842.60	396.24
		For >10 To 20, Deduct	*-96.07*	
		For >20 To 40, Deduct	*-192.13*	
		For >40, Deduct	*-308.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	3,962.60	396.24
		For >10 To 20, Deduct	*-99.07*	
		For >20 To 40, Deduct	*-198.13*	
		For >40, Deduct	*-317.01*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,201.43	445.77
		For >10 To 20, Deduct	*-105.04*	
		For >20 To 40, Deduct	*-210.07*	
		For >40, Deduct	*-337.40*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,271.99	445.77
		For >10 To 20, Deduct	*-106.80*	
		For >20 To 40, Deduct	*-213.60*	
		For >40, Deduct	*-342.69*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,347.25	445.77
		For >10 To 20, Deduct	*-108.68*	
		For >20 To 40, Deduct	*-217.36*	
		For >40, Deduct	*-348.33*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,801.24	445.77
		For >10 To 20, Deduct	*-120.03*	
		For >20 To 40, Deduct	*-240.06*	
		For >40, Deduct	*-382.38*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,573.82	470.53
		For >10 To 20, Deduct	*-114.35*	
		For >20 To 40, Deduct	*-228.69*	
		For >40, Deduct	*-366.56*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,156.34	470.53
		For >10 To 20, Deduct	*-128.91*	
		For >20 To 40, Deduct	*-257.82*	
		For >40, Deduct	*-410.25*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,213.08	470.53
		For >10 To 20, Deduct	*-130.33*	
		For >20 To 40, Deduct	*-260.65*	
		For >40, Deduct	*-414.51*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,573.27	470.53
		For >10 To 20, Deduct	*-139.33*	
		For >20 To 40, Deduct	*-278.66*	
		For >40, Deduct	*-441.52*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,901.78	470.53
		For >10 To 20, Deduct	*-147.54*	
		For >20 To 40, Deduct	*-295.09*	
		For >40, Deduct	*-466.16*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	4,854.70	495.31
		For >10 To 20, Deduct	*-121.37*	
		For >20 To 40, Deduct	*-242.74*	
		For >40, Deduct	*-388.87*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	4,984.20	520.07
		For >10 To 20, Deduct	*-124.61*	
		For >20 To 40, Deduct	*-249.21*	
		For >40, Deduct	*-399.82*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,085.19	544.83
		For >10 To 20, Deduct	*-127.13*	
		For >20 To 40, Deduct	*-254.26*	
		For >40, Deduct	*-408.63*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,222.28	544.83
		For >10 To 20, Deduct	*-130.56*	
		For >20 To 40, Deduct	*-261.11*	
		For >40, Deduct	*-418.91*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,688.63	569.60
		For >10 To 20, Deduct	*-142.22*	
		For >20 To 40, Deduct	*-284.43*	
		For >40, Deduct	*-455.13*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,560.60	594.36
		For >10 To 20, Deduct	*-164.02*	
		For >20 To 40, Deduct	*-328.03*	
		For >40, Deduct	*-521.76*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,348.25	569.60
		For >10 To 20, Deduct	*-158.71*	
		For >20 To 40, Deduct	*-317.41*	
		For >40, Deduct	*-504.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,464.79	594.36
		For >10 To 20, Deduct	*-161.62*	
		For >20 To 40, Deduct	*-323.24*	
		For >40, Deduct	*-514.58*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,920.72	619.12
		For >10 To 20, Deduct	*-198.02*	
		For >20 To 40, Deduct	*-396.04*	
		For >40, Deduct	*-625.01*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,076.34	297.18
		For >10 To 20, Deduct	*-76.91*	
		For >20 To 40, Deduct	*-153.82*	
		For >40, Deduct	*-245.58*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,164.76	297.18
		For >10 To 20, Deduct	*-79.12*	
		For >20 To 40, Deduct	*-158.24*	
		For >40, Deduct	*-252.22*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,253.37	297.18
		For >10 To 20, Deduct	*-81.33*	
		For >20 To 40, Deduct	*-162.67*	
		For >40, Deduct	*-258.86*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,636.01	396.24
		For >10 To 20, Deduct	*-90.90*	
		For >20 To 40, Deduct	*-181.80*	
		For >40, Deduct	*-292.51*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,703.40	396.24
		For >10 To 20, Deduct	*-92.59*	
		For >20 To 40, Deduct	*-185.17*	
		For >40, Deduct	*-297.57*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,777.03	396.24
		For >10 To 20, Deduct	*-94.43*	
		For >20 To 40, Deduct	*-188.85*	
		For >40, Deduct	*-303.09*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,104.47	445.77
		For >10 To 20, Deduct	*-102.61*	
		For >20 To 40, Deduct	*-205.22*	
		For >40, Deduct	*-330.12*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,195.96	445.77
		For >10 To 20, Deduct	*-104.90*	
		For >20 To 40, Deduct	*-209.80*	
		For >40, Deduct	*-336.99*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,209.68	445.77
		For >10 To 20, Deduct	*-105.24*	
		For >20 To 40, Deduct	*-210.48*	
		For >40, Deduct	*-338.01*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,479.54	470.53
		For >10 To 20, Deduct	*-111.99*	
		For >20 To 40, Deduct	*-223.98*	
		For >40, Deduct	*-359.49*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,519.67	470.53
		For >10 To 20, Deduct	*-112.99*	
		For >20 To 40, Deduct	*-225.98*	
		For >40, Deduct	*-362.50*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,613.75	470.53
		For >10 To 20, Deduct	*-115.34*	
		For >20 To 40, Deduct	*-230.69*	
		For >40, Deduct	*-369.56*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*
Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	743.82	173.35
		For Galvanized Finish, Add	*11.91*	
		For >10 To 20, Deduct	*-24.55*	
		For >20 To 40, Deduct	*-45.13*	
		For >40, Deduct	*-94.24*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	815.34	198.12
		For Galvanized Finish, Add	*12.57*	
		For >10 To 20, Deduct	*-26.67*	
		For >20 To 40, Deduct	*-49.15*	
		For >40, Deduct	*-102.49*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	912.17	222.89
		For Galvanized Finish, Add	*13.99*	
		For >10 To 20, Deduct	*-29.80*	
		For >20 To 40, Deduct	*-54.94*	
		For >40, Deduct	*-114.54*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,011.21	247.65
		For Galvanized Finish, Add	*15.48*	
		For >10 To 20, Deduct	*-33.02*	
		For >20 To 40, Deduct	*-60.88*	
		For >40, Deduct	*-126.92*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,082.73	272.42
		For Galvanized Finish, Add	*16.14*	
		For >10 To 20, Deduct	*-35.14*	
		For >20 To 40, Deduct	*-64.89*	
		For >40, Deduct	*-135.17*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,148.76	297.18
		For Galvanized Finish, Add	*16.63*	
		For >10 To 20, Deduct	*-37.04*	
		For >20 To 40, Deduct	*-68.53*	
		For >40, Deduct	*-142.60*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	772.42	173.35
		For Galvanized Finish, Add	*12.77*	
		For >10 To 20, Deduct	*-25.70*	
		For >20 To 40, Deduct	*-47.14*	
		For >40, Deduct	*-98.53*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	845.04	198.12
		For Galvanized Finish, Add	*13.46*	
		For >10 To 20, Deduct	*-27.86*	
		For >20 To 40, Deduct	*-51.23*	
		For >40, Deduct	*-106.94*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	971.57	222.89
		For Galvanized Finish, Add	*15.77*	
		For >10 To 20, Deduct	*-32.18*	
		For >20 To 40, Deduct	*-59.09*	
		For >40, Deduct	*-123.45*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,049.71	247.65
		For Galvanized Finish, Add	*16.63*	
		For >10 To 20, Deduct	*-34.56*	
		For >20 To 40, Deduct	*-63.57*	
		For >40, Deduct	*-132.69*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,124.53	272.42
		For Galvanized Finish, Add	*17.39*	
		For >10 To 20, Deduct	*-36.81*	
		For >20 To 40, Deduct	*-67.82*	
		For >40, Deduct	*-141.44*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,188.36	297.18
		For Galvanized Finish, Add	*17.82*	
		For >10 To 20, Deduct	*-38.62*	
		For >20 To 40, Deduct	*-71.30*	
		For >40, Deduct	*-148.54*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,427.19	396.24
		For Galvanized Finish, Add	*19.04*	
		For >10 To 20, Deduct	*-45.20*	
		For >20 To 40, Deduct	*-84.05*	
		For >40, Deduct	*-174.45*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	772.42	173.35
		For Galvanized Finish, Add	*12.77*	
		For >10 To 20, Deduct	*-25.70*	
		For >20 To 40, Deduct	*-47.14*	
		For >40, Deduct	*-98.53*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	848.34	198.12
		For Galvanized Finish, Add	*13.56*	
		For >10 To 20, Deduct	*-27.99*	
		For >20 To 40, Deduct	*-51.46*	
		For >40, Deduct	*-107.44*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	989.17	222.89
		For Galvanized Finish, Add	*16.30*	
		For >10 To 20, Deduct	*-32.88*	
		For >20 To 40, Deduct	*-60.33*	
		For >40, Deduct	*-126.09*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,053.01	247.65
		For Galvanized Finish, Add	*16.73*	
		For >10 To 20, Deduct	*-34.69*	
		For >20 To 40, Deduct	*-63.80*	
		For >40, Deduct	*-133.19*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,124.53	272.42
		For Galvanized Finish, Add	*17.39*	
		For >10 To 20, Deduct	*-36.81*	
		For >20 To 40, Deduct	*-67.82*	
		For >40, Deduct	*-141.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,188.36	297.18
		For Galvanized Finish, Add	*17.82*	
		For >10 To 20, Deduct	*-38.62*	
		For >20 To 40, Deduct	*-71.30*	
		For >40, Deduct	*-148.54*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,457.99	396.24
		For Galvanized Finish, Add	*19.97*	
		For >10 To 20, Deduct	*-46.43*	
		For >20 To 40, Deduct	*-86.21*	
		For >40, Deduct	*-179.07*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,614.24	445.77
		For Galvanized Finish, Add	*21.68*	
		For >10 To 20, Deduct	*-51.20*	
		For >20 To 40, Deduct	*-95.17*	
		For >40, Deduct	*-197.56*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,258.76	297.18
		For Galvanized Finish, Add	*19.93*	
		For >10 To 20, Deduct	*-41.44*	
		For >20 To 40, Deduct	*-76.23*	
		For >40, Deduct	*-159.10*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,472.29	396.24
		For Galvanized Finish, Add	*20.39*	
		For >10 To 20, Deduct	*-47.00*	
		For >20 To 40, Deduct	*-87.21*	
		For >40, Deduct	*-181.22*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,641.74	445.77
		For Galvanized Finish, Add	*22.51*	
		For >10 To 20, Deduct	*-52.30*	
		For >20 To 40, Deduct	*-97.09*	
		For >40, Deduct	*-201.68*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,507.36	297.18
		For Galvanized Finish, Add	*27.39*	
		For >10 To 20, Deduct	*-51.38*	
		For >20 To 40, Deduct	*-93.63*	
		For >40, Deduct	*-196.39*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,541.46	297.18
		For Galvanized Finish, Add	*28.41*	
		For >10 To 20, Deduct	*-52.74*	
		For >20 To 40, Deduct	*-96.02*	
		For >40, Deduct	*-201.50*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,814.39	396.24
		For Galvanized Finish, Add	*30.66*	
		For >10 To 20, Deduct	*-60.69*	
		For >20 To 40, Deduct	*-111.16*	
		For >40, Deduct	*-232.53*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,884.79	396.24
		For Galvanized Finish, Add	*32.77*	
		For >10 To 20, Deduct	*-63.50*	
		For >20 To 40, Deduct	*-116.09*	
		For >40, Deduct	*-243.09*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,023.44	445.77
		For Galvanized Finish, Add	*33.96*	
		For >10 To 20, Deduct	*-67.56*	
		For >20 To 40, Deduct	*-123.81*	
		For >40, Deduct	*-258.94*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,141.14	445.77
		For Galvanized Finish, Add	*37.49*	
		For >10 To 20, Deduct	*-72.27*	
		For >20 To 40, Deduct	*-132.05*	
		For >40, Deduct	*-276.59*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,214.88	470.53
		For Galvanized Finish, Add	*38.21*	
		For >10 To 20, Deduct	*-74.48*	
		For >20 To 40, Deduct	*-136.22*	
		For >40, Deduct	*-285.18*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,287.48	470.53
		For Galvanized Finish, Add	*40.39*	
		For >10 To 20, Deduct	*-77.38*	
		For >20 To 40, Deduct	*-141.30*	
		For >40, Deduct	*-296.07*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,461.28	470.53
		For Galvanized Finish, Add	*45.61*	
		For >10 To 20, Deduct	*-84.34*	
		For >20 To 40, Deduct	*-153.47*	
		For >40, Deduct	*-322.14*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,497.60	495.31
		For Galvanized Finish, Add	*45.21*	
		For >10 To 20, Deduct	*-85.05*	
		For >20 To 40, Deduct	*-155.02*	
		For >40, Deduct	*-325.11*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,528.40	495.31
		For Galvanized Finish, Add	*46.13*	
		For >10 To 20, Deduct	*-86.28*	
		For >20 To 40, Deduct	*-157.18*	
		For >40, Deduct	*-329.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,418.48	643.90
		For Galvanized Finish, Add	*63.92*	
		For >10 To 20, Deduct	*-117.42*	
		For >20 To 40, Deduct	*-213.54*	
		For >40, Deduct	*-448.38*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,610.01	742.95
		For Galvanized Finish, Add	*63.72*	
		For >10 To 20, Deduct	*-122.11*	
		For >20 To 40, Deduct	*-222.98*	
		For >40, Deduct	*-467.21*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,362.19	396.24
		For Galvanized Finish, Add	*47.09*	
		For >10 To 20, Deduct	*-82.60*	
		For >20 To 40, Deduct	*-149.50*	
		For >40, Deduct	*-314.70*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,679.04	445.77
		For Galvanized Finish, Add	*53.63*	
		For >10 To 20, Deduct	*-93.79*	
		For >20 To 40, Deduct	*-169.70*	
		For >40, Deduct	*-357.28*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,090.50	495.31
		For Galvanized Finish, Add	*63.00*	
		For >10 To 20, Deduct	*-108.76*	
		For >20 To 40, Deduct	*-196.52*	
		For >40, Deduct	*-414.05*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,761.68	643.90
		For Galvanized Finish, Add	*74.22*	
		For >10 To 20, Deduct	*-131.15*	
		For >20 To 40, Deduct	*-237.56*	
		For >40, Deduct	*-499.86*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,384.41	742.95
		For Galvanized Finish, Add	*86.96*	
		For >10 To 20, Deduct	*-153.09*	
		For >20 To 40, Deduct	*-277.19*	
		For >40, Deduct	*-583.37*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,832.11	742.95
		For Galvanized Finish, Add	*100.39*	
		For >10 To 20, Deduct	*-171.00*	
		For >20 To 40, Deduct	*-308.53*	
		For >40, Deduct	*-650.52*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,328.11	742.95
		For Galvanized Finish, Add	*145.27*	
		For >10 To 20, Deduct	*-230.84*	
		For >20 To 40, Deduct	*-413.25*	
		For >40, Deduct	*-874.92*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,054.11	742.95
		For Galvanized Finish, Add	*167.05*	
		For >10 To 20, Deduct	*-259.88*	
		For >20 To 40, Deduct	*-464.07*	
		For >40, Deduct	*-983.82*	

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	735.02	173.35
		For Galvanized Finish, Add	*11.65*	
		For >10 To 20, Deduct	*-24.20*	
		For >20 To 40, Deduct	*-44.52*	
		For >40, Deduct	*-92.92*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	784.54	198.12
		For Galvanized Finish, Add	*11.65*	
		For >10 To 20, Deduct	*-25.44*	
		For >20 To 40, Deduct	*-46.99*	
		For >40, Deduct	*-97.87*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	852.77	222.89
		For Galvanized Finish, Add	*12.21*	
		For >10 To 20, Deduct	*-27.42*	
		For >20 To 40, Deduct	*-50.78*	
		For >40, Deduct	*-105.63*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	903.93	235.27
		For Galvanized Finish, Add	*13.00*	
		For >10 To 20, Deduct	*-29.10*	
		For >20 To 40, Deduct	*-53.86*	
		For >40, Deduct	*-112.06*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	928.71	247.65
		For Galvanized Finish, Add	*13.00*	
		For >10 To 20, Deduct	*-29.72*	
		For >20 To 40, Deduct	*-55.10*	
		For >40, Deduct	*-114.54*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	990.33	272.42
		For Galvanized Finish, Add	*13.37*	
		For >10 To 20, Deduct	*-31.44*	
		For >20 To 40, Deduct	*-58.43*	
		For >40, Deduct	*-121.31*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,049.76	297.18
		For Galvanized Finish, Add	*13.66*	
		For >10 To 20, Deduct	*-33.08*	
		For >20 To 40, Deduct	*-61.60*	
		For >40, Deduct	*-127.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,313.89	396.24
		For Galvanized Finish, Add	*15.64*	
		For >10 To 20, Deduct	*-40.67*	
		For >20 To 40, Deduct	*-76.12*	
		For >40, Deduct	*-157.46*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,198.26	297.18
		For Galvanized Finish, Add	*18.12*	
		For >10 To 20, Deduct	*-39.02*	
		For >20 To 40, Deduct	*-71.99*	
		For >40, Deduct	*-150.02*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,518.49	396.24
		For Galvanized Finish, Add	*21.78*	
		For >10 To 20, Deduct	*-48.85*	
		For >20 To 40, Deduct	*-90.44*	
		For >40, Deduct	*-188.15*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,737.44	445.77
		For Galvanized Finish, Add	*25.38*	
		For >10 To 20, Deduct	*-56.12*	
		For >20 To 40, Deduct	*-103.79*	
		For >40, Deduct	*-216.04*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,157.56	297.18
		For Galvanized Finish, Add	*16.90*	
		For >10 To 20, Deduct	*-37.39*	
		For >20 To 40, Deduct	*-69.14*	
		For >40, Deduct	*-143.92*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,439.29	396.24
		For Galvanized Finish, Add	*19.40*	
		For >10 To 20, Deduct	*-45.68*	
		For >20 To 40, Deduct	*-84.90*	
		For >40, Deduct	*-176.27*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,669.24	445.77
		For Galvanized Finish, Add	*23.33*	
		For >10 To 20, Deduct	*-53.40*	
		For >20 To 40, Deduct	*-99.02*	
		For >40, Deduct	*-205.81*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,297.26	297.18
		For Galvanized Finish, Add	*21.09*	
		For >10 To 20, Deduct	*-42.98*	
		For >20 To 40, Deduct	*-78.92*	
		For >40, Deduct	*-164.87*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,617.49	396.24
		For Galvanized Finish, Add	*24.75*	
		For >10 To 20, Deduct	*-52.81*	
		For >20 To 40, Deduct	*-97.37*	
		For >40, Deduct	*-203.00*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,830.94	445.77
		For Galvanized Finish, Add	*28.18*	
		For >10 To 20, Deduct	*-59.86*	
		For >20 To 40, Deduct	*-110.34*	
		For >40, Deduct	*-230.06*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,016.88	470.53
		For Galvanized Finish, Add	*32.27*	
		For >10 To 20, Deduct	*-66.56*	
		For >20 To 40, Deduct	*-122.36*	
		For >40, Deduct	*-255.48*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,047.64	445.77
		For Galvanized Finish, Add	*34.68*	
		For >10 To 20, Deduct	*-68.53*	
		For >20 To 40, Deduct	*-125.50*	
		For >40, Deduct	*-262.57*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,234.68	470.53
		For Galvanized Finish, Add	*38.81*	
		For >10 To 20, Deduct	*-75.27*	
		For >20 To 40, Deduct	*-137.61*	
		For >40, Deduct	*-288.15*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,362.30	495.31
		For Galvanized Finish, Add	*41.15*	
		For >10 To 20, Deduct	*-79.63*	
		For >20 To 40, Deduct	*-145.55*	
		For >40, Deduct	*-304.82*	

26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,418.39	297.18
		For Galvanized Finish, Add	*54.72*	
		For >10 To 20, Deduct	*-87.82*	
		For >20 To 40, Deduct	*-157.40*	
		For >40, Deduct	*-333.04*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,740.54	396.24
		For Galvanized Finish, Add	*58.44*	
		For >10 To 20, Deduct	*-97.73*	
		For >20 To 40, Deduct	*-175.99*	
		For >40, Deduct	*-371.46*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,766.23	445.77
		For Galvanized Finish, Add	*86.24*	
		For >10 To 20, Deduct	*-137.28*	
		For >20 To 40, Deduct	*-245.81*	
		For >40, Deduct	*-520.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,462.85	297.18
		For Galvanized Finish, Add	*56.05*	
		For >10 To 20, Deduct	*-89.60*	
		For >20 To 40, Deduct	*-160.51*	
		For >40, Deduct	*-339.71*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,999.11	396.24
		For Galvanized Finish, Add	*66.20*	
		For >10 To 20, Deduct	*-108.08*	
		For >20 To 40, Deduct	*-194.09*	
		For >40, Deduct	*-410.24*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,151.16	445.77
		For Galvanized Finish, Add	*97.79*	
		For >10 To 20, Deduct	*-152.67*	
		For >20 To 40, Deduct	*-272.75*	
		For >40, Deduct	*-578.10*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,737.73	470.53
		For Galvanized Finish, Add	*113.90*	
		For >10 To 20, Deduct	*-175.39*	
		For >20 To 40, Deduct	*-312.82*	
		For >40, Deduct	*-663.61*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,532.54	495.31
		For Galvanized Finish, Add	*136.26*	
		For >10 To 20, Deduct	*-206.44*	
		For >20 To 40, Deduct	*-367.47*	
		For >40, Deduct	*-780.35*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,348.19	297.18
		For Galvanized Finish, Add	*52.61*	
		For >10 To 20, Deduct	*-85.01*	
		For >20 To 40, Deduct	*-152.49*	
		For >40, Deduct	*-322.51*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,628.22	396.24
		For Galvanized Finish, Add	*55.07*	
		For >10 To 20, Deduct	*-93.24*	
		For >20 To 40, Deduct	*-168.13*	
		For >40, Deduct	*-354.61*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,568.50	445.77
		For Galvanized Finish, Add	*80.31*	
		For >10 To 20, Deduct	*-129.37*	
		For >20 To 40, Deduct	*-231.96*	
		For >40, Deduct	*-490.70*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,428.92	297.18
		For Galvanized Finish, Add	*55.04*	
		For >10 To 20, Deduct	*-88.24*	
		For >20 To 40, Deduct	*-158.14*	
		For >40, Deduct	*-334.62*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,893.81	396.24
		For Galvanized Finish, Add	*63.04*	
		For >10 To 20, Deduct	*-103.87*	
		For >20 To 40, Deduct	*-186.72*	
		For >40, Deduct	*-394.45*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	4,004.91	445.77
		For Galvanized Finish, Add	*93.40*	
		For >10 To 20, Deduct	*-146.82*	
		For >20 To 40, Deduct	*-262.51*	
		For >40, Deduct	*-556.16*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,552.94	297.18
		For Galvanized Finish, Add	*58.76*	
		For >10 To 20, Deduct	*-93.20*	
		For >20 To 40, Deduct	*-166.82*	
		For >40, Deduct	*-353.22*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,117.28	396.24
		For Galvanized Finish, Add	*69.74*	
		For >10 To 20, Deduct	*-112.80*	
		For >20 To 40, Deduct	*-202.36*	
		For >40, Deduct	*-427.97*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,268.16	445.77
		For Galvanized Finish, Add	*101.30*	
		For >10 To 20, Deduct	*-157.35*	
		For >20 To 40, Deduct	*-280.94*	
		For >40, Deduct	*-595.65*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,880.47	470.53
		For Galvanized Finish, Add	*118.18*	
		For >10 To 20, Deduct	*-181.10*	
		For >20 To 40, Deduct	*-322.81*	
		For >40, Deduct	*-685.02*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,608.59	495.31
		For Galvanized Finish, Add	*138.54*	
		For >10 To 20, Deduct	*-209.48*	
		For >20 To 40, Deduct	*-372.79*	
		For >40, Deduct	*-791.76*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	1,878.06	297.18
		For Galvanized Finish, Add	*38.51*	
		For >10 To 20, Deduct	*-66.21*	
		For >20 To 40, Deduct	*-119.58*	
		For >40, Deduct	*-251.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,302.79	396.24
		For Galvanized Finish, Add	*45.31*	
		For >10 To 20, Deduct	*-80.22*	
		For >20 To 40, Deduct	*-145.35*	
		For >40, Deduct	*-305.79*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,565.74	445.77
		For Galvanized Finish, Add	*50.23*	
		For >10 To 20, Deduct	*-89.26*	
		For >20 To 40, Deduct	*-161.77*	
		For >40, Deduct	*-340.28*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,831.98	470.53
		For Galvanized Finish, Add	*56.73*	
		For >10 To 20, Deduct	*-99.16*	
		For >20 To 40, Deduct	*-179.42*	
		For >40, Deduct	*-377.74*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,984.90	495.31
		For Galvanized Finish, Add	*59.83*	
		For >10 To 20, Deduct	*-104.54*	
		For >20 To 40, Deduct	*-189.13*	
		For >40, Deduct	*-398.21*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,371.96	297.18
		For Galvanized Finish, Add	*53.33*	
		For >10 To 20, Deduct	*-85.96*	
		For >20 To 40, Deduct	*-154.15*	
		For >40, Deduct	*-326.08*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,689.99	396.24
		For Galvanized Finish, Add	*56.93*	
		For >10 To 20, Deduct	*-95.71*	
		For >20 To 40, Deduct	*-172.45*	
		For >40, Deduct	*-363.87*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,882.54	445.77
		For Galvanized Finish, Add	*59.73*	
		For >10 To 20, Deduct	*-101.93*	
		For >20 To 40, Deduct	*-183.95*	
		For >40, Deduct	*-387.80*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,172.94	445.77
		For Galvanized Finish, Add	*68.44*	
		For >10 To 20, Deduct	*-113.54*	
		For >20 To 40, Deduct	*-204.28*	
		For >40, Deduct	*-431.36*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,431.48	470.53
		For Galvanized Finish, Add	*74.71*	
		For >10 To 20, Deduct	*-123.14*	
		For >20 To 40, Deduct	*-221.38*	
		For >40, Deduct	*-467.67*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,791.18	470.53
		For Galvanized Finish, Add	*85.50*	
		For >10 To 20, Deduct	*-137.53*	
		For >20 To 40, Deduct	*-246.56*	
		For >40, Deduct	*-521.62*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,497.50	495.31
		For Galvanized Finish, Add	*75.21*	
		For >10 To 20, Deduct	*-125.04*	
		For >20 To 40, Deduct	*-225.01*	
		For >40, Deduct	*-475.10*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,383.00	495.31
		For Galvanized Finish, Add	*101.77*	
		For >10 To 20, Deduct	*-160.46*	
		For >20 To 40, Deduct	*-287.00*	
		For >40, Deduct	*-607.92*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,167.58	643.90
		For Galvanized Finish, Add	*86.39*	
		For >10 To 20, Deduct	*-147.39*	
		For >20 To 40, Deduct	*-265.98*	
		For >40, Deduct	*-560.75*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,771.48	643.90
		For Galvanized Finish, Add	*104.51*	
		For >10 To 20, Deduct	*-171.54*	
		For >20 To 40, Deduct	*-308.25*	
		For >40, Deduct	*-651.33*	
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,000.41	742.95
		For Galvanized Finish, Add	*105.44*	
		For >10 To 20, Deduct	*-177.73*	
		For >20 To 40, Deduct	*-320.31*	
		For >40, Deduct	*-675.77*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	39.00
26 56 13 00-0292	EA	Festoon Outlet Provision For Steel Area Light Poles Note: Excludes electrical outlet.	54.00
26 56 13 00-0293	EA	Extra Handhole For Steel Area Light Poles	58.00
26 56 13 00-0294	EA	Vibration Dampener For Steel Area Light Poles	59.00

26 56 13 00-0295 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0295)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0297		Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0296)*		
26 56 13 00-0298	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	726.18	148.59
		For Bronze Or Satin Anodized Finish, Add	*42.90*	
		For Black Anodized Finish, Add	*85.80*	
		For >10 To 20, Deduct	*-24.59*	
		For >20 To 40, Deduct	*-44.89*	
		For >40, Deduct	*-94.07*	
26 56 13 00-0299	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	797.72	173.35
		For Bronze Or Satin Anodized Finish, Add	*45.10*	
		For Black Anodized Finish, Add	*90.20*	
		For >10 To 20, Deduct	*-26.71*	
		For >20 To 40, Deduct	*-48.91*	
		For >40, Deduct	*-102.32*	
26 56 13 00-0300	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	874.74	198.12
		For Bronze Or Satin Anodized Finish, Add	*47.85*	
		For Black Anodized Finish, Add	*95.70*	
		For >10 To 20, Deduct	*-29.05*	
		For >20 To 40, Deduct	*-53.31*	
		For >40, Deduct	*-111.40*	
26 56 13 00-0301	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	952.87	222.89
		For Bronze Or Satin Anodized Finish, Add	*50.71*	
		For Black Anodized Finish, Add	*101.42*	
		For >10 To 20, Deduct	*-31.43*	
		For >20 To 40, Deduct	*-57.79*	
		For >40, Deduct	*-120.64*	
26 56 13 00-0302	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	996.33	235.27
		For Bronze Or Satin Anodized Finish, Add	*52.58*	
		For Black Anodized Finish, Add	*105.16*	
		For >10 To 20, Deduct	*-32.80*	
		For >20 To 40, Deduct	*-60.33*	
		For >40, Deduct	*-125.92*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,038.71	247.65
		For Bronze Or Satin Anodized Finish, Add	*54.34*	
		For Black Anodized Finish, Add	*108.68*	
		For >10 To 20, Deduct	*-34.12*	
		For >20 To 40, Deduct	*-62.80*	
		For >40, Deduct	*-131.04*	
26 56 13 00-0304	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,104.71	247.65
		For Bronze Or Satin Anodized Finish, Add	*60.94*	
		For Black Anodized Finish, Add	*121.88*	
		For >10 To 20, Deduct	*-36.76*	
		For >20 To 40, Deduct	*-67.42*	
		For >40, Deduct	*-140.94*	
26 56 13 00-0305	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,196.03	272.42
		For Bronze Or Satin Anodized Finish, Add	*65.12*	
		For Black Anodized Finish, Add	*130.24*	
		For >10 To 20, Deduct	*-39.67*	
		For >20 To 40, Deduct	*-72.83*	
		For >40, Deduct	*-152.16*	
26 56 13 00-0306	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,280.76	297.18
		For Bronze Or Satin Anodized Finish, Add	*68.64*	
		For Black Anodized Finish, Add	*137.28*	
		For >10 To 20, Deduct	*-42.32*	
		For >20 To 40, Deduct	*-77.77*	
		For >40, Deduct	*-162.40*	
26 56 13 00-0307	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,239.43	235.27
		For Bronze Or Satin Anodized Finish, Add	*76.89*	
		For Black Anodized Finish, Add	*153.78*	
		For >10 To 20, Deduct	*-42.52*	
		For >20 To 40, Deduct	*-77.35*	
		For >40, Deduct	*-162.39*	
26 56 13 00-0308	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,523.86	297.18
		For Bronze Or Satin Anodized Finish, Add	*92.95*	
		For Black Anodized Finish, Add	*185.90*	
		For >10 To 20, Deduct	*-52.04*	
		For >20 To 40, Deduct	*-94.78*	
		For >40, Deduct	*-198.86*	
26 56 13 00-0309	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,647.06	297.18
		For Bronze Or Satin Anodized Finish, Add	*105.27*	
		For Black Anodized Finish, Add	*210.54*	
		For >10 To 20, Deduct	*-56.97*	
		For >20 To 40, Deduct	*-103.41*	
		For >40, Deduct	*-217.34*	
26 56 13 00-0310	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,960.69	396.24
		For Bronze Or Satin Anodized Finish, Add	*116.82*	
		For Black Anodized Finish, Add	*233.64*	
		For >10 To 20, Deduct	*-66.54*	
		For >20 To 40, Deduct	*-121.40*	
		For >40, Deduct	*-254.48*	
26 56 13 00-0311	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,278.64	445.77
		For Bronze Or Satin Anodized Finish, Add	*138.71*	
		For Black Anodized Finish, Add	*277.42*	
		For >10 To 20, Deduct	*-77.77*	
		For >20 To 40, Deduct	*-141.67*	
		For >40, Deduct	*-297.22*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0312	EA		20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,356.66	297.18
			For Bronze Or Satin Anodized Finish, Add	*76.23*	
			For Black Anodized Finish, Add	*152.46*	
			For >10 To 20, Deduct	*-45.35*	
			For >20 To 40, Deduct	*-83.08*	
			For >40, Deduct	*-173.78*	
26 56 13 00-0313	EA		20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,637.16	297.18
			For Bronze Or Satin Anodized Finish, Add	*104.28*	
			For Black Anodized Finish, Add	*208.56*	
			For >10 To 20, Deduct	*-56.57*	
			For >20 To 40, Deduct	*-102.71*	
			For >40, Deduct	*-215.86*	
26 56 13 00-0314	EA		25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,943.09	396.24
			For Bronze Or Satin Anodized Finish, Add	*115.06*	
			For Black Anodized Finish, Add	*230.12*	
			For >10 To 20, Deduct	*-65.84*	
			For >20 To 40, Deduct	*-120.17*	
			For >40, Deduct	*-251.84*	
26 56 13 00-0315	EA		25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,102.59	396.24
			For Bronze Or Satin Anodized Finish, Add	*131.01*	
			For Black Anodized Finish, Add	*262.02*	
			For >10 To 20, Deduct	*-72.22*	
			For >20 To 40, Deduct	*-131.33*	
			For >40, Deduct	*-275.76*	
26 56 13 00-0316	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,459.04	445.77
			For Bronze Or Satin Anodized Finish, Add	*156.75*	
			For Black Anodized Finish, Add	*313.50*	
			For >10 To 20, Deduct	*-84.99*	
			For >20 To 40, Deduct	*-154.30*	
			For >40, Deduct	*-324.28*	

26 56 13 00-0317 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0296)*

26 56 13 00-0318	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	838.38	148.59
			For Bronze, Satin Or Black Anodized Finish, Add	*81.18*	
			For >10 To 20, Deduct	*-29.08*	
			For >20 To 40, Deduct	*-52.74*	
			For >40, Deduct	*-110.90*	
26 56 13 00-0319	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	931.92	173.35
			For Bronze, Satin Or Black Anodized Finish, Add	*87.78*	
			For >10 To 20, Deduct	*-32.08*	
			For >20 To 40, Deduct	*-58.30*	
			For >40, Deduct	*-122.45*	
26 56 13 00-0320	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,021.04	198.12
			For Bronze, Satin Or Black Anodized Finish, Add	*93.72*	
			For >10 To 20, Deduct	*-34.90*	
			For >20 To 40, Deduct	*-63.55*	
			For >40, Deduct	*-133.34*	
26 56 13 00-0321	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,089.27	222.89
			For Bronze, Satin Or Black Anodized Finish, Add	*96.53*	
			For >10 To 20, Deduct	*-36.88*	
			For >20 To 40, Deduct	*-67.33*	
			For >40, Deduct	*-141.10*	
26 56 13 00-0322	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,170.71	247.65
			For Bronze, Satin Or Black Anodized Finish, Add	*101.31*	
			For >10 To 20, Deduct	*-39.40*	
			For >20 To 40, Deduct	*-72.04*	
			For >40, Deduct	*-150.84*	
26 56 13 00-0323	EA		10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	955.02	173.35
			For Bronze, Satin Or Black Anodized Finish, Add	*91.25*	
			For >10 To 20, Deduct	*-33.00*	
			For >20 To 40, Deduct	*-59.92*	
			For >40, Deduct	*-125.92*	
26 56 13 00-0324	EA		12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,041.94	198.12
			For Bronze, Satin Or Black Anodized Finish, Add	*96.86*	
			For >10 To 20, Deduct	*-35.73*	
			For >20 To 40, Deduct	*-65.01*	
			For >40, Deduct	*-136.48*	
26 56 13 00-0325	EA		14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,132.17	222.89
			For Bronze, Satin Or Black Anodized Finish, Add	*102.96*	
			For >10 To 20, Deduct	*-38.60*	
			For >20 To 40, Deduct	*-70.34*	
			For >40, Deduct	*-147.54*	
26 56 13 00-0326	EA		16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,221.31	247.65
			For Bronze, Satin Or Black Anodized Finish, Add	*108.90*	
			For >10 To 20, Deduct	*-41.42*	
			For >20 To 40, Deduct	*-75.59*	
			For >40, Deduct	*-158.43*	
26 56 13 00-0327	EA		18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,315.93	272.42
			For Bronze, Satin Or Black Anodized Finish, Add	*115.67*	
			For >10 To 20, Deduct	*-44.46*	
			For >20 To 40, Deduct	*-81.22*	
			For >40, Deduct	*-170.15*	
26 56 13 00-0328	EA		20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,403.96	297.18
			For Bronze, Satin Or Black Anodized Finish, Add	*121.44*	
			For >10 To 20, Deduct	*-47.24*	
			For >20 To 40, Deduct	*-86.39*	
			For >40, Deduct	*-180.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0329	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,084.84	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*103.29*	
		For >10 To 20, Deduct	*-37.45*	
		For >20 To 40, Deduct	*-68.01*	
		For >40, Deduct	*-142.91*	
26 56 13 00-0330	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,182.77	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*110.55*	
		For >10 To 20, Deduct	*-40.62*	
		For >20 To 40, Deduct	*-73.88*	
		For >40, Deduct	*-155.13*	
26 56 13 00-0331	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,279.61	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*117.65*	
		For >10 To 20, Deduct	*-43.75*	
		For >20 To 40, Deduct	*-79.67*	
		For >40, Deduct	*-167.18*	
26 56 13 00-0332	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,378.63	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*125.07*	
		For >10 To 20, Deduct	*-46.97*	
		For >20 To 40, Deduct	*-85.61*	
		For >40, Deduct	*-179.55*	
26 56 13 00-0333	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,341.21	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*126.89*	
		For >10 To 20, Deduct	*-46.22*	
		For >20 To 40, Deduct	*-83.98*	
		For >40, Deduct	*-176.42*	
26 56 13 00-0334	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,548.06	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*143.06*	
		For >10 To 20, Deduct	*-53.01*	
		For >20 To 40, Deduct	*-96.48*	
		For >40, Deduct	*-202.49*	
26 56 13 00-0335	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,125.54	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*109.40*	
		For >10 To 20, Deduct	*-39.08*	
		For >20 To 40, Deduct	*-70.86*	
		For >40, Deduct	*-149.02*	
26 56 13 00-0336	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,235.57	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*118.47*	
		For >10 To 20, Deduct	*-42.74*	
		For >20 To 40, Deduct	*-77.57*	
		For >40, Deduct	*-163.05*	
26 56 13 00-0337	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,334.61	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*125.90*	
		For >10 To 20, Deduct	*-45.95*	
		For >20 To 40, Deduct	*-83.52*	
		For >40, Deduct	*-175.43*	
26 56 13 00-0338	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,440.23	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*134.31*	
		For >10 To 20, Deduct	*-49.44*	
		For >20 To 40, Deduct	*-89.92*	
		For >40, Deduct	*-188.79*	
26 56 13 00-0339	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,542.56	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*142.23*	
		For >10 To 20, Deduct	*-52.79*	
		For >20 To 40, Deduct	*-96.09*	
		For >40, Deduct	*-201.67*	
26 56 13 00-0340	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,414.91	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*137.94*	
		For >10 To 20, Deduct	*-49.17*	
		For >20 To 40, Deduct	*-89.14*	
		For >40, Deduct	*-187.47*	
26 56 13 00-0341	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,530.43	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*147.84*	
		For >10 To 20, Deduct	*-53.04*	
		For >20 To 40, Deduct	*-96.23*	
		For >40, Deduct	*-202.32*	
26 56 13 00-0342	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,576.66	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*147.35*	
		For >10 To 20, Deduct	*-54.15*	
		For >20 To 40, Deduct	*-98.48*	
		For >40, Deduct	*-206.78*	

26 56 13 00-0343 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0296)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0344	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	652.45	123.83
		For Bronze Or Satin Anodized Finish, Add	*40.48*	
		For Black Anodized Finish, Add	*80.96*	
		For >10 To 20, Deduct	*-22.38*	
		For >20 To 40, Deduct	*-40.72*	
		For >40, Deduct	*-85.49*	
26 56 13 00-0345	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	698.12	136.21
		For Bronze Or Satin Anodized Finish, Add	*42.57*	
		For Black Anodized Finish, Add	*85.14*	
		For >10 To 20, Deduct	*-23.84*	
		For >20 To 40, Deduct	*-43.42*	
		For >40, Deduct	*-91.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0346	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	772.38	148.59
		For Bronze Or Satin Anodized Finish, Add	*47.52*	
		For Black Anodized Finish, Add	*95.04*	
		For >10 To 20, Deduct	*-26.44*	
		For >20 To 40, Deduct	*-48.12*	
		For >40, Deduct	*-101.00*	
26 56 13 00-0347	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	797.68	148.59
		For Bronze Or Satin Anodized Finish, Add	*50.05*	
		For Black Anodized Finish, Add	*100.10*	
		For >10 To 20, Deduct	*-27.45*	
		For >20 To 40, Deduct	*-49.89*	
		For >40, Deduct	*-104.79*	
26 56 13 00-0348	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	829.58	148.59
		For Bronze Or Satin Anodized Finish, Add	*53.24*	
		For Black Anodized Finish, Add	*106.48*	
		For >10 To 20, Deduct	*-28.73*	
		For >20 To 40, Deduct	*-52.13*	
		For >40, Deduct	*-109.58*	
26 56 13 00-0349	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	951.14	160.97
		For Bronze Or Satin Anodized Finish, Add	*62.92*	
		For Black Anodized Finish, Add	*125.84*	
		For >10 To 20, Deduct	*-33.22*	
		For >20 To 40, Deduct	*-60.14*	
		For >40, Deduct	*-126.57*	
26 56 13 00-0350	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,016.62	173.35
		For Bronze Or Satin Anodized Finish, Add	*66.99*	
		For Black Anodized Finish, Add	*133.98*	
		For >10 To 20, Deduct	*-35.46*	
		For >20 To 40, Deduct	*-64.23*	
		For >40, Deduct	*-135.16*	
26 56 13 00-0351	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,187.12	173.35
		For Bronze Or Satin Anodized Finish, Add	*84.04*	
		For Black Anodized Finish, Add	*168.08*	
		For >10 To 20, Deduct	*-42.28*	
		For >20 To 40, Deduct	*-76.16*	
		For >40, Deduct	*-160.73*	
26 56 13 00-0352	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,455.54	198.12
		For Bronze Or Satin Anodized Finish, Add	*105.93*	
		For Black Anodized Finish, Add	*211.86*	
		For >10 To 20, Deduct	*-52.28*	
		For >20 To 40, Deduct	*-93.96*	
		For >40, Deduct	*-198.52*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,652.47	222.89
		For Bronze Or Satin Anodized Finish, Add	*120.67*	
		For Black Anodized Finish, Add	*241.34*	
		For >10 To 20, Deduct	*-59.41*	
		For >20 To 40, Deduct	*-106.76*	
		For >40, Deduct	*-225.58*	
26 56 13 00-0354	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	1,853.77	222.89
		For Bronze Or Satin Anodized Finish, Add	*140.80*	
		For Black Anodized Finish, Add	*281.60*	
		For >10 To 20, Deduct	*-67.46*	
		For >20 To 40, Deduct	*-120.85*	
		For >40, Deduct	*-255.78*	

26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0295)*

26 56 13 00-0356 Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0355)*

26 56 13 00-0357	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	608.48	148.59
		For Bronze Or Satin Anodized Finish, Add	*31.13*	
		For Black Anodized Finish, Add	*62.26*	
		For >10 To 20, Deduct	*-19.88*	
		For >20 To 40, Deduct	*-36.65*	
		For >40, Deduct	*-76.41*	
26 56 13 00-0358	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	683.32	173.35
		For Bronze Or Satin Anodized Finish, Add	*33.66*	
		For Black Anodized Finish, Add	*67.32*	
		For >10 To 20, Deduct	*-22.13*	
		For >20 To 40, Deduct	*-40.90*	
		For >40, Deduct	*-85.16*	
26 56 13 00-0359	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	758.14	198.12
		For Bronze Or Satin Anodized Finish, Add	*36.19*	
		For Black Anodized Finish, Add	*72.38*	
		For >10 To 20, Deduct	*-24.38*	
		For >20 To 40, Deduct	*-45.15*	
		For >40, Deduct	*-93.91*	
26 56 13 00-0360	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	842.87	222.89
		For Bronze Or Satin Anodized Finish, Add	*39.71*	
		For Black Anodized Finish, Add	*79.42*	
		For >10 To 20, Deduct	*-27.03*	
		For >20 To 40, Deduct	*-50.09*	
		For >40, Deduct	*-104.14*	
26 56 13 00-0361	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	926.51	247.65
		For Bronze Or Satin Anodized Finish, Add	*43.12*	
		For Black Anodized Finish, Add	*86.24*	
		For >10 To 20, Deduct	*-29.63*	
		For >20 To 40, Deduct	*-54.95*	
		For >40, Deduct	*-114.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0362	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	711.92	173.35
		For Bronze Or Satin Anodized Finish, Add	*36.52*	
		For Black Anodized Finish, Add	*73.04*	
		For >10 To 20, Deduct	*-23.28*	
		For >20 To 40, Deduct	*-42.90*	
		For >40, Deduct	*-89.45*	
26 56 13 00-0363	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	803.24	198.12
		For Bronze Or Satin Anodized Finish, Add	*40.70*	
		For Black Anodized Finish, Add	*81.40*	
		For >10 To 20, Deduct	*-26.19*	
		For >20 To 40, Deduct	*-48.30*	
		For >40, Deduct	*-100.67*	
26 56 13 00-0364	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	891.27	222.89
		For Bronze Or Satin Anodized Finish, Add	*44.55*	
		For Black Anodized Finish, Add	*89.10*	
		For >10 To 20, Deduct	*-28.96*	
		For >20 To 40, Deduct	*-53.47*	
		For >40, Deduct	*-111.40*	
26 56 13 00-0365	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,059.63	272.42
		For Bronze Or Satin Anodized Finish, Add	*51.48*	
		For Black Anodized Finish, Add	*102.96*	
		For >10 To 20, Deduct	*-34.21*	
		For >20 To 40, Deduct	*-63.28*	
		For >40, Deduct	*-131.70*	
26 56 13 00-0366	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,136.66	297.18
		For Bronze Or Satin Anodized Finish, Add	*54.23*	
		For Black Anodized Finish, Add	*108.46*	
		For >10 To 20, Deduct	*-36.55*	
		For >20 To 40, Deduct	*-67.68*	
		For >40, Deduct	*-140.78*	
26 56 13 00-0367	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	843.94	198.12
		For Bronze Or Satin Anodized Finish, Add	*44.77*	
		For Black Anodized Finish, Add	*89.54*	
		For >10 To 20, Deduct	*-27.81*	
		For >20 To 40, Deduct	*-51.15*	
		For >40, Deduct	*-106.78*	
26 56 13 00-0368	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	938.57	222.89
		For Bronze Or Satin Anodized Finish, Add	*49.28*	
		For Black Anodized Finish, Add	*98.56*	
		For >10 To 20, Deduct	*-30.86*	
		For >20 To 40, Deduct	*-56.78*	
		For >40, Deduct	*-118.50*	
26 56 13 00-0369	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,040.91	247.65
		For Bronze Or Satin Anodized Finish, Add	*54.56*	
		For Black Anodized Finish, Add	*109.12*	
		For >10 To 20, Deduct	*-34.21*	
		For >20 To 40, Deduct	*-62.96*	
		For >40, Deduct	*-131.37*	
26 56 13 00-0370	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,123.43	272.42
		For Bronze Or Satin Anodized Finish, Add	*57.86*	
		For Black Anodized Finish, Add	*115.72*	
		For >10 To 20, Deduct	*-36.76*	
		For >20 To 40, Deduct	*-67.74*	
		For >40, Deduct	*-141.27*	
26 56 13 00-0371	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,221.36	297.18
		For Bronze Or Satin Anodized Finish, Add	*62.70*	
		For Black Anodized Finish, Add	*125.40*	
		For >10 To 20, Deduct	*-39.94*	
		For >20 To 40, Deduct	*-73.61*	
		For >40, Deduct	*-153.49*	
26 56 13 00-0372	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,148.71	247.65
		For Bronze Or Satin Anodized Finish, Add	*65.34*	
		For Black Anodized Finish, Add	*130.68*	
		For >10 To 20, Deduct	*-38.52*	
		For >20 To 40, Deduct	*-70.50*	
		For >40, Deduct	*-147.54*	
26 56 13 00-0373	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,260.93	272.42
		For Bronze Or Satin Anodized Finish, Add	*71.61*	
		For Black Anodized Finish, Add	*143.22*	
		For >10 To 20, Deduct	*-42.26*	
		For >20 To 40, Deduct	*-77.37*	
		For >40, Deduct	*-161.90*	
26 56 13 00-0374	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,328.06	297.18
		For Bronze Or Satin Anodized Finish, Add	*73.37*	
		For Black Anodized Finish, Add	*146.74*	
		For >10 To 20, Deduct	*-44.21*	
		For >20 To 40, Deduct	*-81.08*	
		For >40, Deduct	*-169.49*	
26 56 13 00-0375	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,525.02	346.72
		For Bronze Or Satin Anodized Finish, Add	*83.16*	
		For Black Anodized Finish, Add	*166.32*	
		For >10 To 20, Deduct	*-50.60*	
		For >20 To 40, Deduct	*-92.88*	
		For >40, Deduct	*-194.08*	
26 56 13 00-0376	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,728.59	396.24
		For Bronze Or Satin Anodized Finish, Add	*93.61*	
		For Black Anodized Finish, Add	*187.22*	
		For >10 To 20, Deduct	*-57.26*	
		For >20 To 40, Deduct	*-105.15*	
		For >40, Deduct	*-219.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0377	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,368.73	272.42
		For Bronze Or Satin Anodized Finish, Add	*82.39*	
		For Black Anodized Finish, Add	*164.78*	
		For >10 To 20, Deduct	*-46.58*	
		For >20 To 40, Deduct	*-84.91*	
		For >40, Deduct	*-178.07*	
26 56 13 00-0378	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,458.96	297.18
		For Bronze Or Satin Anodized Finish, Add	*86.46*	
		For Black Anodized Finish, Add	*172.92*	
		For >10 To 20, Deduct	*-49.44*	
		For >20 To 40, Deduct	*-90.24*	
		For >40, Deduct	*-189.13*	
26 56 13 00-0379	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,628.42	346.72
		For Bronze Or Satin Anodized Finish, Add	*93.50*	
		For Black Anodized Finish, Add	*187.00*	
		For >10 To 20, Deduct	*-54.74*	
		For >20 To 40, Deduct	*-100.12*	
		For >40, Deduct	*-209.59*	
26 56 13 00-0380	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,807.79	396.24
		For Bronze Or Satin Anodized Finish, Add	*101.53*	
		For Black Anodized Finish, Add	*203.06*	
		For >10 To 20, Deduct	*-60.42*	
		For >20 To 40, Deduct	*-110.70*	
		For >40, Deduct	*-231.54*	
26 56 13 00-0381	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,946.41	421.01
		For Bronze Or Satin Anodized Finish, Add	*110.44*	
		For Black Anodized Finish, Add	*220.88*	
		For >10 To 20, Deduct	*-65.23*	
		For >20 To 40, Deduct	*-119.41*	
		For >40, Deduct	*-249.86*	
26 56 13 00-0382	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,087.24	445.77
		For Bronze Or Satin Anodized Finish, Add	*119.57*	
		For Black Anodized Finish, Add	*239.14*	
		For >10 To 20, Deduct	*-70.12*	
		For >20 To 40, Deduct	*-128.28*	
		For >40, Deduct	*-268.51*	
26 56 13 00-0383	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,730.72	346.72
		For Bronze Or Satin Anodized Finish, Add	*103.73*	
		For Black Anodized Finish, Add	*207.46*	
		For >10 To 20, Deduct	*-58.83*	
		For >20 To 40, Deduct	*-107.28*	
		For >40, Deduct	*-224.94*	
26 56 13 00-0384	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,875.99	396.24
		For Bronze Or Satin Anodized Finish, Add	*108.35*	
		For Black Anodized Finish, Add	*216.70*	
		For >10 To 20, Deduct	*-63.15*	
		For >20 To 40, Deduct	*-115.47*	
		For >40, Deduct	*-241.77*	
26 56 13 00-0385	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,020.11	421.01
		For Bronze Or Satin Anodized Finish, Add	*117.81*	
		For Black Anodized Finish, Add	*235.62*	
		For >10 To 20, Deduct	*-68.17*	
		For >20 To 40, Deduct	*-124.57*	
		For >40, Deduct	*-260.92*	
26 56 13 00-0386	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,201.64	445.77
		For Bronze Or Satin Anodized Finish, Add	*131.01*	
		For Black Anodized Finish, Add	*262.02*	
		For >10 To 20, Deduct	*-74.69*	
		For >20 To 40, Deduct	*-136.28*	
		For >40, Deduct	*-285.67*	
26 56 13 00-0387	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,275.91	458.15
		For Bronze Or Satin Anodized Finish, Add	*135.96*	
		For Black Anodized Finish, Add	*271.92*	
		For >10 To 20, Deduct	*-77.29*	
		For >20 To 40, Deduct	*-140.99*	
		For >40, Deduct	*-295.57*	
26 56 13 00-0388	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,433.78	470.53
		For Bronze Or Satin Anodized Finish, Add	*149.27*	
		For Black Anodized Finish, Add	*298.54*	
		For >10 To 20, Deduct	*-83.24*	
		For >20 To 40, Deduct	*-151.54*	
		For >40, Deduct	*-318.01*	
26 56 13 00-0389	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	889.04	198.12
		For Bronze Or Satin Anodized Finish, Add	*49.28*	
		For Black Anodized Finish, Add	*98.56*	
		For >10 To 20, Deduct	*-29.62*	
		For >20 To 40, Deduct	*-54.31*	
		For >40, Deduct	*-113.54*	
26 56 13 00-0390	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	991.37	222.89
		For Bronze Or Satin Anodized Finish, Add	*54.56*	
		For Black Anodized Finish, Add	*109.12*	
		For >10 To 20, Deduct	*-32.97*	
		For >20 To 40, Deduct	*-60.48*	
		For >40, Deduct	*-126.42*	
26 56 13 00-0391	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,098.11	247.65
		For Bronze Or Satin Anodized Finish, Add	*60.28*	
		For Black Anodized Finish, Add	*120.56*	
		For >10 To 20, Deduct	*-36.49*	
		For >20 To 40, Deduct	*-66.96*	
		For >40, Deduct	*-139.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0392	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,192.73	272.42
		For Bronze Or Satin Anodized Finish, Add	*64.79*	
		For Black Anodized Finish, Add	*129.58*	
		For >10 To 20, Deduct	*-39.54*	
		For >20 To 40, Deduct	*-72.59*	
		For >40, Deduct	*-151.67*	
26 56 13 00-0393	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,286.26	297.18
		For Bronze Or Satin Anodized Finish, Add	*69.19*	
		For Black Anodized Finish, Add	*138.38*	
		For >10 To 20, Deduct	*-42.54*	
		For >20 To 40, Deduct	*-78.15*	
		For >40, Deduct	*-163.22*	
26 56 13 00-0394	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,218.01	247.65
		For Bronze Or Satin Anodized Finish, Add	*72.27*	
		For Black Anodized Finish, Add	*144.54*	
		For >10 To 20, Deduct	*-41.29*	
		For >20 To 40, Deduct	*-75.35*	
		For >40, Deduct	*-157.94*	
26 56 13 00-0395	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,333.53	272.42
		For Bronze Or Satin Anodized Finish, Add	*78.87*	
		For Black Anodized Finish, Add	*157.74*	
		For >10 To 20, Deduct	*-45.17*	
		For >20 To 40, Deduct	*-82.45*	
		For >40, Deduct	*-172.79*	
26 56 13 00-0396	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,414.96	297.18
		For Bronze Or Satin Anodized Finish, Add	*82.06*	
		For Black Anodized Finish, Add	*164.12*	
		For >10 To 20, Deduct	*-47.68*	
		For >20 To 40, Deduct	*-87.16*	
		For >40, Deduct	*-182.53*	
26 56 13 00-0397	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,606.42	346.72
		For Bronze Or Satin Anodized Finish, Add	*91.30*	
		For Black Anodized Finish, Add	*182.60*	
		For >10 To 20, Deduct	*-53.86*	
		For >20 To 40, Deduct	*-98.58*	
		For >40, Deduct	*-206.29*	
26 56 13 00-0398	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,804.49	396.24
		For Bronze Or Satin Anodized Finish, Add	*101.20*	
		For Black Anodized Finish, Add	*202.40*	
		For >10 To 20, Deduct	*-60.29*	
		For >20 To 40, Deduct	*-110.46*	
		For >40, Deduct	*-231.05*	
26 56 13 00-0399	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,855.02	346.72
		For Bronze Or Satin Anodized Finish, Add	*116.16*	
		For Black Anodized Finish, Add	*232.32*	
		For >10 To 20, Deduct	*-63.80*	
		For >20 To 40, Deduct	*-115.98*	
		For >40, Deduct	*-243.58*	
26 56 13 00-0400	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,040.99	396.24
		For Bronze Or Satin Anodized Finish, Add	*124.85*	
		For Black Anodized Finish, Add	*249.70*	
		For >10 To 20, Deduct	*-69.75*	
		For >20 To 40, Deduct	*-127.02*	
		For >40, Deduct	*-266.52*	
26 56 13 00-0401	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,198.31	421.01
		For Bronze Or Satin Anodized Finish, Add	*135.63*	
		For Black Anodized Finish, Add	*271.26*	
		For >10 To 20, Deduct	*-75.30*	
		For >20 To 40, Deduct	*-137.04*	
		For >40, Deduct	*-287.65*	
26 56 13 00-0402	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,336.94	445.77
		For Bronze Or Satin Anodized Finish, Add	*144.54*	
		For Black Anodized Finish, Add	*289.08*	
		For >10 To 20, Deduct	*-80.10*	
		For >20 To 40, Deduct	*-145.76*	
		For >40, Deduct	*-305.96*	
26 56 13 00-0403	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,468.41	458.15
		For Bronze Or Satin Anodized Finish, Add	*155.21*	
		For Black Anodized Finish, Add	*310.42*	
		For >10 To 20, Deduct	*-84.99*	
		For >20 To 40, Deduct	*-154.46*	
		For >40, Deduct	*-324.45*	
26 56 13 00-0404	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,582.28	470.53
		For Bronze Or Satin Anodized Finish, Add	*164.12*	
		For Black Anodized Finish, Add	*328.24*	
		For >10 To 20, Deduct	*-89.18*	
		For >20 To 40, Deduct	*-161.94*	
		For >40, Deduct	*-340.29*	
26 56 13 00-0405	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,678.54	482.91
		For Bronze Or Satin Anodized Finish, Add	*171.27*	
		For Black Anodized Finish, Add	*342.54*	
		For >10 To 20, Deduct	*-92.65*	
		For >20 To 40, Deduct	*-168.18*	
		For >40, Deduct	*-353.49*	
26 56 13 00-0406	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,857.30	495.31
		For Bronze Or Satin Anodized Finish, Add	*186.67*	
		For Black Anodized Finish, Add	*373.34*	
		For >10 To 20, Deduct	*-99.43*	
		For >20 To 40, Deduct	*-180.20*	
		For >40, Deduct	*-379.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0407	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,673.51	421.01
		For Bronze Or Satin Anodized Finish, Add	*183.15*	
		For Black Anodized Finish, Add	*366.30*	
		For >10 To 20, Deduct	*-94.31*	
		For >20 To 40, Deduct	*-170.31*	
		For >40, Deduct	*-358.93*	
26 56 13 00-0408	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,886.94	445.77
		For Bronze Or Satin Anodized Finish, Add	*199.54*	
		For Black Anodized Finish, Add	*399.08*	
		For >10 To 20, Deduct	*-102.10*	
		For >20 To 40, Deduct	*-184.26*	
		For >40, Deduct	*-388.46*	
26 56 13 00-0409	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,040.41	458.15
		For Bronze Or Satin Anodized Finish, Add	*212.41*	
		For Black Anodized Finish, Add	*424.82*	
		For >10 To 20, Deduct	*-107.87*	
		For >20 To 40, Deduct	*-194.50*	
		For >40, Deduct	*-410.25*	
26 56 13 00-0410	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,155.38	470.53
		For Bronze Or Satin Anodized Finish, Add	*221.43*	
		For Black Anodized Finish, Add	*442.86*	
		For >10 To 20, Deduct	*-112.10*	
		For >20 To 40, Deduct	*-202.06*	
		For >40, Deduct	*-426.25*	
26 56 13 00-0411	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,216.44	482.91
		For Bronze Or Satin Anodized Finish, Add	*225.06*	
		For Black Anodized Finish, Add	*450.12*	
		For >10 To 20, Deduct	*-114.17*	
		For >20 To 40, Deduct	*-205.83*	
		For >40, Deduct	*-434.17*	
26 56 13 00-0412	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,413.90	495.31
		For Bronze Or Satin Anodized Finish, Add	*242.33*	
		For Black Anodized Finish, Add	*484.66*	
		For >10 To 20, Deduct	*-121.70*	
		For >20 To 40, Deduct	*-219.16*	
		For >40, Deduct	*-462.56*	
26 56 13 00-0413	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,522.81	421.01
		For Bronze Or Satin Anodized Finish, Add	*168.08*	
		For Black Anodized Finish, Add	*336.16*	
		For >10 To 20, Deduct	*-88.28*	
		For >20 To 40, Deduct	*-159.76*	
		For >40, Deduct	*-336.32*	
26 56 13 00-0414	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,716.44	445.77
		For Bronze Or Satin Anodized Finish, Add	*182.49*	
		For Black Anodized Finish, Add	*364.98*	
		For >10 To 20, Deduct	*-95.28*	
		For >20 To 40, Deduct	*-172.32*	
		For >40, Deduct	*-362.89*	
26 56 13 00-0415	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,790.71	458.15
		For Bronze Or Satin Anodized Finish, Add	*187.44*	
		For Black Anodized Finish, Add	*374.88*	
		For >10 To 20, Deduct	*-97.88*	
		For >20 To 40, Deduct	*-177.02*	
		For >40, Deduct	*-372.79*	
26 56 13 00-0416	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,991.48	470.53
		For Bronze Or Satin Anodized Finish, Add	*205.04*	
		For Black Anodized Finish, Add	*410.08*	
		For >10 To 20, Deduct	*-105.54*	
		For >20 To 40, Deduct	*-190.58*	
		For >40, Deduct	*-401.67*	
26 56 13 00-0417	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,086.64	482.91
		For Bronze Or Satin Anodized Finish, Add	*212.08*	
		For Black Anodized Finish, Add	*424.16*	
		For >10 To 20, Deduct	*-108.98*	
		For >20 To 40, Deduct	*-196.75*	
		For >40, Deduct	*-414.70*	
26 56 13 00-0418	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,285.20	495.31
		For Bronze Or Satin Anodized Finish, Add	*229.46*	
		For Black Anodized Finish, Add	*458.92*	
		For >10 To 20, Deduct	*-116.55*	
		For >20 To 40, Deduct	*-210.15*	
		For >40, Deduct	*-443.25*	
26 56 13 00-0419	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,211.41	421.01
		For Bronze Or Satin Anodized Finish, Add	*236.94*	
		For Black Anodized Finish, Add	*473.88*	
		For >10 To 20, Deduct	*-115.83*	
		For >20 To 40, Deduct	*-207.96*	
		For >40, Deduct	*-439.61*	
26 56 13 00-0420	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,395.14	445.77
		For Bronze Or Satin Anodized Finish, Add	*250.36*	
		For Black Anodized Finish, Add	*500.72*	
		For >10 To 20, Deduct	*-122.43*	
		For >20 To 40, Deduct	*-219.83*	
		For >40, Deduct	*-464.69*	
26 56 13 00-0421	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,550.81	458.15
		For Bronze Or Satin Anodized Finish, Add	*263.45*	
		For Black Anodized Finish, Add	*526.90*	
		For >10 To 20, Deduct	*-128.29*	
		For >20 To 40, Deduct	*-230.23*	
		For >40, Deduct	*-486.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0422	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,795.58	470.53
		For Bronze Or Satin Anodized Finish, Add	*285.45*	
		For Black Anodized Finish, Add	*570.90*	
		For >10 To 20, Deduct	*-137.71*	
		For >20 To 40, Deduct	*-246.87*	
		For >40, Deduct	*-522.28*	
26 56 13 00-0423	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,844.54	482.91
		For Bronze Or Satin Anodized Finish, Add	*287.87*	
		For Black Anodized Finish, Add	*575.74*	
		For >10 To 20, Deduct	*-139.29*	
		For >20 To 40, Deduct	*-249.80*	
		For >40, Deduct	*-528.39*	
26 56 13 00-0424	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,088.20	495.31
		For Bronze Or Satin Anodized Finish, Add	*309.76*	
		For Black Anodized Finish, Add	*619.52*	
		For >10 To 20, Deduct	*-148.67*	
		For >20 To 40, Deduct	*-266.36*	
		For >40, Deduct	*-563.70*	
26 56 13 00-0425	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,092.81	742.95
		For Bronze Or Satin Anodized Finish, Add	*360.69*	
		For Black Anodized Finish, Add	*721.38*	
		For >10 To 20, Deduct	*-181.42*	
		For >20 To 40, Deduct	*-326.78*	
		For >40, Deduct	*-689.63*	
26 56 13 00-0426	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,229.21	742.95
		For Bronze Or Satin Anodized Finish, Add	*374.33*	
		For Black Anodized Finish, Add	*748.66*	
		For >10 To 20, Deduct	*-186.88*	
		For >20 To 40, Deduct	*-336.33*	
		For >40, Deduct	*-710.09*	

26 56 13 00-0427 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0355)*

26 56 13 00-0428	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	844.98	148.59
		For Bronze, Satin Or Black Anodized Finish, Add	*82.17*	
		For >10 To 20, Deduct	*-29.34*	
		For >20 To 40, Deduct	*-53.21*	
		For >40, Deduct	*-111.89*	
26 56 13 00-0429	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	917.62	173.35
		For Bronze, Satin Or Black Anodized Finish, Add	*85.64*	
		For >10 To 20, Deduct	*-31.50*	
		For >20 To 40, Deduct	*-57.30*	
		For >40, Deduct	*-120.31*	
26 56 13 00-0430	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	991.34	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*89.27*	
		For >10 To 20, Deduct	*-33.71*	
		For >20 To 40, Deduct	*-61.47*	
		For >40, Deduct	*-128.89*	
26 56 13 00-0431	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,067.27	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*93.23*	
		For >10 To 20, Deduct	*-36.00*	
		For >20 To 40, Deduct	*-65.79*	
		For >40, Deduct	*-137.80*	
26 56 13 00-0432	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,142.11	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*97.02*	
		For >10 To 20, Deduct	*-38.25*	
		For >20 To 40, Deduct	*-70.04*	
		For >40, Deduct	*-146.55*	
26 56 13 00-0433	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	930.82	173.35
		For Bronze, Satin Or Black Anodized Finish, Add	*87.62*	
		For >10 To 20, Deduct	*-32.03*	
		For >20 To 40, Deduct	*-58.22*	
		For >40, Deduct	*-122.29*	
26 56 13 00-0434	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,006.74	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*91.58*	
		For >10 To 20, Deduct	*-34.33*	
		For >20 To 40, Deduct	*-62.55*	
		For >40, Deduct	*-131.20*	
26 56 13 00-0435	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,084.87	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*95.87*	
		For >10 To 20, Deduct	*-36.71*	
		For >20 To 40, Deduct	*-67.03*	
		For >40, Deduct	*-140.44*	
26 56 13 00-0436	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,161.91	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*99.99*	
		For >10 To 20, Deduct	*-39.05*	
		For >20 To 40, Deduct	*-71.43*	
		For >40, Deduct	*-149.52*	
26 56 13 00-0437	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,253.23	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*106.26*	
		For >10 To 20, Deduct	*-41.96*	
		For >20 To 40, Deduct	*-76.83*	
		For >40, Deduct	*-160.74*	
26 56 13 00-0438	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,334.66	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*111.05*	
		For >10 To 20, Deduct	*-44.47*	
		For >20 To 40, Deduct	*-81.54*	
		For >40, Deduct	*-170.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0439	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,049.64	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*98.01*	
		For >10 To 20, Deduct	*-36.04*	
		For >20 To 40, Deduct	*-65.55*	
		For >40, Deduct	*-137.63*	
26 56 13 00-0440	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,133.27	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*103.13*	
		For >10 To 20, Deduct	*-38.64*	
		For >20 To 40, Deduct	*-70.41*	
		For >40, Deduct	*-147.70*	
26 56 13 00-0441	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,230.11	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*110.22*	
		For >10 To 20, Deduct	*-41.77*	
		For >20 To 40, Deduct	*-76.20*	
		For >40, Deduct	*-159.75*	
26 56 13 00-0442	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,315.93	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*115.67*	
		For >10 To 20, Deduct	*-44.46*	
		For >20 To 40, Deduct	*-81.22*	
		For >40, Deduct	*-170.15*	
26 56 13 00-0443	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,416.06	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*123.26*	
		For >10 To 20, Deduct	*-47.73*	
		For >20 To 40, Deduct	*-87.24*	
		For >40, Deduct	*-182.69*	
26 56 13 00-0444	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,292.81	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*119.63*	
		For >10 To 20, Deduct	*-44.28*	
		For >20 To 40, Deduct	*-80.59*	
		For >40, Deduct	*-169.16*	
26 56 13 00-0445	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,400.63	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*128.37*	
		For >10 To 20, Deduct	*-47.85*	
		For >20 To 40, Deduct	*-87.15*	
		For >40, Deduct	*-182.85*	
26 56 13 00-0446	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,484.26	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*133.49*	
		For >10 To 20, Deduct	*-50.46*	
		For >20 To 40, Deduct	*-92.01*	
		For >40, Deduct	*-192.92*	
26 56 13 00-0447	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,083.74	198.12
		For Bronze, Satin Or Black Anodized Finish, Add	*103.13*	
		For >10 To 20, Deduct	*-37.41*	
		For >20 To 40, Deduct	*-67.94*	
		For >40, Deduct	*-142.75*	
26 56 13 00-0448	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,184.97	222.89
		For Bronze, Satin Or Black Anodized Finish, Add	*110.88*	
		For >10 To 20, Deduct	*-40.71*	
		For >20 To 40, Deduct	*-74.03*	
		For >40, Deduct	*-155.46*	
26 56 13 00-0449	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,292.81	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*119.63*	
		For >10 To 20, Deduct	*-44.28*	
		For >20 To 40, Deduct	*-80.59*	
		For >40, Deduct	*-169.16*	
26 56 13 00-0450	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,387.43	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*126.39*	
		For >10 To 20, Deduct	*-47.32*	
		For >20 To 40, Deduct	*-86.22*	
		For >40, Deduct	*-180.87*	
26 56 13 00-0451	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,489.76	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*134.31*	
		For >10 To 20, Deduct	*-50.68*	
		For >20 To 40, Deduct	*-92.40*	
		For >40, Deduct	*-193.75*	
26 56 13 00-0452	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,364.31	247.65
		For Bronze, Satin Or Black Anodized Finish, Add	*130.35*	
		For >10 To 20, Deduct	*-47.14*	
		For >20 To 40, Deduct	*-85.60*	
		For >40, Deduct	*-179.88*	
26 56 13 00-0453	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,480.93	272.42
		For Bronze, Satin Or Black Anodized Finish, Add	*140.42*	
		For >10 To 20, Deduct	*-51.06*	
		For >20 To 40, Deduct	*-92.77*	
		For >40, Deduct	*-194.90*	
26 56 13 00-0454	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,570.06	297.18
		For Bronze, Satin Or Black Anodized Finish, Add	*146.36*	
		For >10 To 20, Deduct	*-53.89*	
		For >20 To 40, Deduct	*-98.02*	
		For >40, Deduct	*-205.79*	

26 56 13 00-0455 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0355)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0456	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	573.25	123.83
		For Bronze Or Satin Anodized Finish, Add	*32.56*	
		For Black Anodized Finish, Add	*65.12*	
		For >10 To 20, Deduct	*-19.22*	
		For >20 To 40, Deduct	*-35.17*	
		For >40, Deduct	*-73.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0457	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	604.05	123.83
		For Bronze Or Satin Anodized Finish, Add	*35.64*	
		For Black Anodized Finish, Add	*71.28*	
		For >10 To 20, Deduct	*-20.45*	
		For >20 To 40, Deduct	*-37.33*	
		For >40, Deduct	*-78.23*	
26 56 13 00-0458	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	654.12	136.21
		For Bronze Or Satin Anodized Finish, Add	*38.17*	
		For Black Anodized Finish, Add	*76.34*	
		For >10 To 20, Deduct	*-22.08*	
		For >20 To 40, Deduct	*-40.34*	
		For >40, Deduct	*-84.50*	
26 56 13 00-0459	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	696.48	148.59
		For Bronze Or Satin Anodized Finish, Add	*39.93*	
		For Black Anodized Finish, Add	*79.86*	
		For >10 To 20, Deduct	*-23.40*	
		For >20 To 40, Deduct	*-42.81*	
		For >40, Deduct	*-89.61*	
26 56 13 00-0460	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	736.08	148.59
		For Bronze Or Satin Anodized Finish, Add	*43.89*	
		For Black Anodized Finish, Add	*87.78*	
		For >10 To 20, Deduct	*-24.99*	
		For >20 To 40, Deduct	*-45.58*	
		For >40, Deduct	*-95.55*	
26 56 13 00-0461	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	683.82	136.21
		For Bronze Or Satin Anodized Finish, Add	*41.14*	
		For Black Anodized Finish, Add	*82.28*	
		For >10 To 20, Deduct	*-23.27*	
		For >20 To 40, Deduct	*-42.42*	
		For >40, Deduct	*-88.95*	
26 56 13 00-0462	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	739.38	148.59
		For Bronze Or Satin Anodized Finish, Add	*44.22*	
		For Black Anodized Finish, Add	*88.44*	
		For >10 To 20, Deduct	*-25.12*	
		For >20 To 40, Deduct	*-45.81*	
		For >40, Deduct	*-96.05*	
26 56 13 00-0463	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	761.38	148.59
		For Bronze Or Satin Anodized Finish, Add	*46.42*	
		For Black Anodized Finish, Add	*92.84*	
		For >10 To 20, Deduct	*-26.00*	
		For >20 To 40, Deduct	*-47.35*	
		For >40, Deduct	*-99.35*	
26 56 13 00-0464	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	821.34	160.97
		For Bronze Or Satin Anodized Finish, Add	*49.94*	
		For Black Anodized Finish, Add	*99.88*	
		For >10 To 20, Deduct	*-28.02*	
		For >20 To 40, Deduct	*-51.06*	
		For >40, Deduct	*-107.10*	
26 56 13 00-0465	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	876.92	173.35
		For Bronze Or Satin Anodized Finish, Add	*53.02*	
		For Black Anodized Finish, Add	*106.04*	
		For >10 To 20, Deduct	*-29.88*	
		For >20 To 40, Deduct	*-54.45*	
		For >40, Deduct	*-114.20*	
26 56 13 00-0466	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	825.18	148.59
		For Bronze Or Satin Anodized Finish, Add	*52.80*	
		For Black Anodized Finish, Add	*105.60*	
		For >10 To 20, Deduct	*-28.55*	
		For >20 To 40, Deduct	*-51.82*	
		For >40, Deduct	*-108.92*	
26 56 13 00-0467	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	891.74	160.97
		For Bronze Or Satin Anodized Finish, Add	*56.98*	
		For Black Anodized Finish, Add	*113.96*	
		For >10 To 20, Deduct	*-30.84*	
		For >20 To 40, Deduct	*-55.98*	
		For >40, Deduct	*-117.66*	
26 56 13 00-0468	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	952.82	173.35
		For Bronze Or Satin Anodized Finish, Add	*60.61*	
		For Black Anodized Finish, Add	*121.22*	
		For >10 To 20, Deduct	*-32.91*	
		For >20 To 40, Deduct	*-59.76*	
		For >40, Deduct	*-125.59*	
26 56 13 00-0469	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	981.94	160.97
		For Bronze Or Satin Anodized Finish, Add	*66.00*	
		For Black Anodized Finish, Add	*132.00*	
		For >10 To 20, Deduct	*-34.45*	
		For >20 To 40, Deduct	*-62.30*	
		For >40, Deduct	*-131.19*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,261.94	198.12
		For Bronze Or Satin Anodized Finish, Add	*86.57*	
		For Black Anodized Finish, Add	*173.14*	
		For >10 To 20, Deduct	*-44.53*	
		For >20 To 40, Deduct	*-80.41*	
		For >40, Deduct	*-169.48*	
26 56 13 00-0471	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,386.24	198.12
		For Bronze Or Satin Anodized Finish, Add	*99.00*	
		For Black Anodized Finish, Add	*198.00*	
		For >10 To 20, Deduct	*-49.51*	
		For >20 To 40, Deduct	*-89.11*	
		For >40, Deduct	*-188.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0472	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,542.47	222.89
		For Bronze Or Satin Anodized Finish, Add	*109.67*	
		For Black Anodized Finish, Add	*219.34*	
		For >10 To 20, Deduct	*-55.01*	
		For >20 To 40, Deduct	*-99.06*	
		For >40, Deduct	*-209.08*	
26 56 13 00-0473	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,677.77	222.89
		For Bronze Or Satin Anodized Finish, Add	*123.20*	
		For Black Anodized Finish, Add	*246.40*	
		For >10 To 20, Deduct	*-60.42*	
		For >20 To 40, Deduct	*-108.53*	
		For >40, Deduct	*-229.38*	

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0295)*

26 56 13 00-0475 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0474)*

26 56 13 00-0476	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	751.48	148.59
		For Bronze Or Satin Anodized Finish, Add	*45.43*	
		For Black Anodized Finish, Add	*90.86*	
		For >10 To 20, Deduct	*-25.60*	
		For >20 To 40, Deduct	*-46.66*	
		For >40, Deduct	*-97.86*	
26 56 13 00-0477	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	824.12	173.35
		For Bronze Or Satin Anodized Finish, Add	*47.74*	
		For Black Anodized Finish, Add	*95.48*	
		For >10 To 20, Deduct	*-27.76*	
		For >20 To 40, Deduct	*-50.75*	
		For >40, Deduct	*-106.28*	
26 56 13 00-0478	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	905.54	198.12
		For Bronze Or Satin Anodized Finish, Add	*50.93*	
		For Black Anodized Finish, Add	*101.86*	
		For >10 To 20, Deduct	*-30.28*	
		For >20 To 40, Deduct	*-55.46*	
		For >40, Deduct	*-116.02*	
26 56 13 00-0479	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	985.87	222.89
		For Bronze Or Satin Anodized Finish, Add	*54.01*	
		For Black Anodized Finish, Add	*108.02*	
		For >10 To 20, Deduct	*-32.75*	
		For >20 To 40, Deduct	*-60.10*	
		For >40, Deduct	*-125.59*	
26 56 13 00-0480	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,030.43	235.27
		For Bronze Or Satin Anodized Finish, Add	*55.99*	
		For Black Anodized Finish, Add	*111.98*	
		For >10 To 20, Deduct	*-34.16*	
		For >20 To 40, Deduct	*-62.72*	
		For >40, Deduct	*-131.04*	
26 56 13 00-0481	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,075.01	247.65
		For Bronze Or Satin Anodized Finish, Add	*57.97*	
		For Black Anodized Finish, Add	*115.94*	
		For >10 To 20, Deduct	*-35.57*	
		For >20 To 40, Deduct	*-65.34*	
		For >40, Deduct	*-136.49*	
26 56 13 00-0482	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,161.93	272.42
		For Bronze Or Satin Anodized Finish, Add	*61.71*	
		For Black Anodized Finish, Add	*123.42*	
		For >10 To 20, Deduct	*-38.30*	
		For >20 To 40, Deduct	*-70.44*	
		For >40, Deduct	*-147.05*	
26 56 13 00-0483	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,258.76	297.18
		For Bronze Or Satin Anodized Finish, Add	*66.44*	
		For Black Anodized Finish, Add	*132.88*	
		For >10 To 20, Deduct	*-41.44*	
		For >20 To 40, Deduct	*-76.23*	
		For >40, Deduct	*-159.10*	
26 56 13 00-0484	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,150.91	247.65
		For Bronze Or Satin Anodized Finish, Add	*65.56*	
		For Black Anodized Finish, Add	*131.12*	
		For >10 To 20, Deduct	*-38.61*	
		For >20 To 40, Deduct	*-70.66*	
		For >40, Deduct	*-147.87*	
26 56 13 00-0485	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,240.03	272.42
		For Bronze Or Satin Anodized Finish, Add	*69.52*	
		For Black Anodized Finish, Add	*139.04*	
		For >10 To 20, Deduct	*-41.43*	
		For >20 To 40, Deduct	*-75.91*	
		For >40, Deduct	*-158.76*	
26 56 13 00-0486	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,343.46	297.18
		For Bronze Or Satin Anodized Finish, Add	*74.91*	
		For Black Anodized Finish, Add	*149.82*	
		For >10 To 20, Deduct	*-44.82*	
		For >20 To 40, Deduct	*-82.16*	
		For >40, Deduct	*-171.80*	
26 56 13 00-0487	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,360.43	235.27
		For Bronze Or Satin Anodized Finish, Add	*88.99*	
		For Black Anodized Finish, Add	*177.98*	
		For >10 To 20, Deduct	*-47.36*	
		For >20 To 40, Deduct	*-85.82*	
		For >40, Deduct	*-180.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0488	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,659.16	297.18
		For Bronze Or Satin Anodized Finish, Add	*106.48*	
		For Black Anodized Finish, Add	*212.96*	
		For >10 To 20, Deduct	*-57.45*	
		For >20 To 40, Deduct	*-104.25*	
		For >40, Deduct	*-219.16*	
26 56 13 00-0489	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,994.79	396.24
		For Bronze Or Satin Anodized Finish, Add	*120.23*	
		For Black Anodized Finish, Add	*240.46*	
		For >10 To 20, Deduct	*-67.90*	
		For >20 To 40, Deduct	*-123.79*	
		For >40, Deduct	*-259.59*	
26 56 13 00-0490	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,411.66	297.18
		For Bronze Or Satin Anodized Finish, Add	*81.73*	
		For Black Anodized Finish, Add	*163.46*	
		For >10 To 20, Deduct	*-47.55*	
		For >20 To 40, Deduct	*-86.93*	
		For >40, Deduct	*-182.03*	
26 56 13 00-0491	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,792.26	297.18
		For Bronze Or Satin Anodized Finish, Add	*119.79*	
		For Black Anodized Finish, Add	*239.58*	
		For >10 To 20, Deduct	*-62.78*	
		For >20 To 40, Deduct	*-113.57*	
		For >40, Deduct	*-239.12*	
26 56 13 00-0492	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,115.79	396.24
		For Bronze Or Satin Anodized Finish, Add	*132.33*	
		For Black Anodized Finish, Add	*264.66*	
		For >10 To 20, Deduct	*-72.74*	
		For >20 To 40, Deduct	*-132.26*	
		For >40, Deduct	*-277.74*	
26 56 13 00-0493	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,001.26	297.18
		For Bronze Or Satin Anodized Finish, Add	*140.69*	
		For Black Anodized Finish, Add	*281.38*	
		For >10 To 20, Deduct	*-71.14*	
		For >20 To 40, Deduct	*-128.20*	
		For >40, Deduct	*-270.47*	
26 56 13 00-0494	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,388.59	396.24
		For Bronze Or Satin Anodized Finish, Add	*159.61*	
		For Black Anodized Finish, Add	*319.22*	
		For >10 To 20, Deduct	*-83.66*	
		For >20 To 40, Deduct	*-151.35*	
		For >40, Deduct	*-318.66*	
26 56 13 00-0495	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,771.44	445.77
		For Bronze Or Satin Anodized Finish, Add	*187.99*	
		For Black Anodized Finish, Add	*375.98*	
		For >10 To 20, Deduct	*-97.48*	
		For >20 To 40, Deduct	*-176.17*	
		For >40, Deduct	*-371.14*	

26 56 13 00-0496 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0474)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0497	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	681.05	123.83
		For Bronze Or Satin Anodized Finish, Add	*43.34*	
		For Black Anodized Finish, Add	*86.68*	
		For >10 To 20, Deduct	*-23.53*	
		For >20 To 40, Deduct	*-42.72*	
		For >40, Deduct	*-89.78*	
26 56 13 00-0498	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	761.92	136.21
		For Bronze Or Satin Anodized Finish, Add	*48.95*	
		For Black Anodized Finish, Add	*97.90*	
		For >10 To 20, Deduct	*-26.39*	
		For >20 To 40, Deduct	*-47.89*	
		For >40, Deduct	*-100.67*	
26 56 13 00-0499	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	809.78	148.59
		For Bronze Or Satin Anodized Finish, Add	*51.26*	
		For Black Anodized Finish, Add	*102.52*	
		For >10 To 20, Deduct	*-27.93*	
		For >20 To 40, Deduct	*-50.74*	
		For >40, Deduct	*-106.61*	
26 56 13 00-0500	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	837.28	148.59
		For Bronze Or Satin Anodized Finish, Add	*54.01*	
		For Black Anodized Finish, Add	*108.02*	
		For >10 To 20, Deduct	*-29.03*	
		For >20 To 40, Deduct	*-52.67*	
		For >40, Deduct	*-110.73*	
26 56 13 00-0501	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	871.38	148.59
		For Bronze Or Satin Anodized Finish, Add	*57.42*	
		For Black Anodized Finish, Add	*114.84*	
		For >10 To 20, Deduct	*-30.40*	
		For >20 To 40, Deduct	*-55.05*	
		For >40, Deduct	*-115.85*	
26 56 13 00-0502	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,012.74	160.97
		For Bronze Or Satin Anodized Finish, Add	*69.08*	
		For Black Anodized Finish, Add	*138.16*	
		For >10 To 20, Deduct	*-35.68*	
		For >20 To 40, Deduct	*-64.45*	
		For >40, Deduct	*-135.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0503	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,084.82	173.35
		For Bronze Or Satin Anodized Finish, Add	*73.81*	
		For Black Anodized Finish, Add	*147.62*	
		For >10 To 20, Deduct	*-38.19*	
		For >20 To 40, Deduct	*-69.00*	
		For >40, Deduct	*-145.39*	
26 56 13 00-0504	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,257.52	173.35
		For Bronze Or Satin Anodized Finish, Add	*91.08*	
		For Black Anodized Finish, Add	*182.16*	
		For >10 To 20, Deduct	*-45.10*	
		For >20 To 40, Deduct	*-81.09*	
		For >40, Deduct	*-171.29*	
26 56 13 00-0505	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,445.64	198.12
		For Bronze Or Satin Anodized Finish, Add	*104.94*	
		For Black Anodized Finish, Add	*209.88*	
		For >10 To 20, Deduct	*-51.88*	
		For >20 To 40, Deduct	*-93.27*	
		For >40, Deduct	*-197.03*	
26 56 13 00-0506	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,831.74	198.12
		For Bronze Or Satin Anodized Finish, Add	*143.55*	
		For Black Anodized Finish, Add	*287.10*	
		For >10 To 20, Deduct	*-67.33*	
		For >20 To 40, Deduct	*-120.30*	
		For >40, Deduct	*-254.95*	

26 56 13 00-0507 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0295)*

26 56 13 00-0508	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	39.00
26 56 13 00-0509	EA	Extra Handhole For Aluminum Area Light Poles	41.00
26 56 13 00-0510	EA	Festoon Outlet Provision For Aluminum Area Light Poles Note: Excludes electrical outlet.	42.00
26 56 13 00-0511	EA	Vibration Dampener For Aluminum Area Light Poles	59.00

26 56 13 00-0512 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0513 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0512)*

26 56 13 00-0514 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0513)*

26 56 13 00-0515	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	993.52	173.35
		For >10 To 20, Deduct	*-34.54*	
		For >20 To 40, Deduct	*-62.61*	
		For >40, Deduct	*-131.69*	
26 56 13 00-0516	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,081.54	198.12
		For >10 To 20, Deduct	*-37.32*	
		For >20 To 40, Deduct	*-67.78*	
		For >40, Deduct	*-142.42*	
26 56 13 00-0517	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,170.67	222.89
		For >10 To 20, Deduct	*-40.14*	
		For >20 To 40, Deduct	*-73.03*	
		For >40, Deduct	*-153.31*	
26 56 13 00-0518	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,258.71	247.65
		For >10 To 20, Deduct	*-42.92*	
		For >20 To 40, Deduct	*-78.20*	
		For >40, Deduct	*-164.04*	
26 56 13 00-0519	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,366.53	272.42
		For >10 To 20, Deduct	*-46.49*	
		For >20 To 40, Deduct	*-84.76*	
		For >40, Deduct	*-177.74*	
26 56 13 00-0520	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,456.76	297.18
		For >10 To 20, Deduct	*-49.36*	
		For >20 To 40, Deduct	*-90.09*	
		For >40, Deduct	*-188.80*	
26 56 13 00-0521	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,595.42	346.72
		For >10 To 20, Deduct	*-53.42*	
		For >20 To 40, Deduct	*-97.81*	
		For >40, Deduct	*-204.64*	
26 56 13 00-0522	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,732.99	396.24
		For >10 To 20, Deduct	*-57.43*	
		For >20 To 40, Deduct	*-105.46*	
		For >40, Deduct	*-220.32*	
26 56 13 00-0523	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,822.09	396.24
		For >10 To 20, Deduct	*-61.00*	
		For >20 To 40, Deduct	*-111.70*	
		For >40, Deduct	*-233.69*	
26 56 13 00-0524	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,949.71	421.01
		For >10 To 20, Deduct	*-65.36*	
		For >20 To 40, Deduct	*-119.64*	
		For >40, Deduct	*-250.36*	
26 56 13 00-0525	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,077.34	445.77
		For >10 To 20, Deduct	*-69.72*	
		For >20 To 40, Deduct	*-127.58*	
		For >40, Deduct	*-267.02*	
26 56 13 00-0526	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,094.72	173.35
		For >10 To 20, Deduct	*-38.59*	
		For >20 To 40, Deduct	*-69.70*	
		For >40, Deduct	*-146.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0527	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,162.94	198.12
		For >10 To 20, Deduct	*-40.57*	
		For >20 To 40, Deduct	*-73.48*	
		For >40, Deduct	*-154.63*	
26 56 13 00-0528	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,232.27	222.89
		For >10 To 20, Deduct	*-42.60*	
		For >20 To 40, Deduct	*-77.34*	
		For >40, Deduct	*-162.55*	
26 56 13 00-0529	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,303.81	247.65
		For >10 To 20, Deduct	*-44.72*	
		For >20 To 40, Deduct	*-81.36*	
		For >40, Deduct	*-170.81*	
26 56 13 00-0530	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,380.83	272.42
		For >10 To 20, Deduct	*-47.06*	
		For >20 To 40, Deduct	*-85.76*	
		For >40, Deduct	*-179.88*	
26 56 13 00-0531	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,456.76	297.18
		For >10 To 20, Deduct	*-49.36*	
		For >20 To 40, Deduct	*-90.09*	
		For >40, Deduct	*-188.80*	
26 56 13 00-0532	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,582.22	346.72
		For >10 To 20, Deduct	*-52.89*	
		For >20 To 40, Deduct	*-96.89*	
		For >40, Deduct	*-202.66*	
26 56 13 00-0533	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,732.99	396.24
		For >10 To 20, Deduct	*-57.43*	
		For >20 To 40, Deduct	*-105.46*	
		For >40, Deduct	*-220.32*	
26 56 13 00-0534	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,770.39	396.24
		For >10 To 20, Deduct	*-58.93*	
		For >20 To 40, Deduct	*-108.08*	
		For >40, Deduct	*-225.93*	
26 56 13 00-0535	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,858.41	421.01
		For >10 To 20, Deduct	*-61.71*	
		For >20 To 40, Deduct	*-113.25*	
		For >40, Deduct	*-236.66*	
26 56 13 00-0536	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,946.44	445.77
		For >10 To 20, Deduct	*-64.48*	
		For >20 To 40, Deduct	*-118.42*	
		For >40, Deduct	*-247.39*	
26 56 13 00-0537	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,243.22	173.35
		For >10 To 20, Deduct	*-44.53*	
		For >20 To 40, Deduct	*-80.09*	
		For >40, Deduct	*-169.15*	
26 56 13 00-0538	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,326.84	198.12
		For >10 To 20, Deduct	*-47.13*	
		For >20 To 40, Deduct	*-84.95*	
		For >40, Deduct	*-179.21*	
26 56 13 00-0539	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,410.47	222.89
		For >10 To 20, Deduct	*-49.73*	
		For >20 To 40, Deduct	*-89.82*	
		For >40, Deduct	*-189.28*	
26 56 13 00-0540	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,495.21	247.65
		For >10 To 20, Deduct	*-52.38*	
		For >20 To 40, Deduct	*-94.76*	
		For >40, Deduct	*-199.52*	
26 56 13 00-0541	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,584.33	272.42
		For >10 To 20, Deduct	*-55.20*	
		For >20 To 40, Deduct	*-100.01*	
		For >40, Deduct	*-210.41*	
26 56 13 00-0542	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,680.06	297.18
		For >10 To 20, Deduct	*-58.29*	
		For >20 To 40, Deduct	*-105.72*	
		For >40, Deduct	*-222.29*	
26 56 13 00-0543	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,835.22	346.72
		For >10 To 20, Deduct	*-63.01*	
		For >20 To 40, Deduct	*-114.60*	
		For >40, Deduct	*-240.61*	
26 56 13 00-0544	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,991.49	396.24
		For >10 To 20, Deduct	*-67.77*	
		For >20 To 40, Deduct	*-123.55*	
		For >40, Deduct	*-259.10*	
26 56 13 00-0545	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,048.69	396.24
		For >10 To 20, Deduct	*-70.06*	
		For >20 To 40, Deduct	*-127.56*	
		For >40, Deduct	*-267.68*	
26 56 13 00-0546	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,188.41	421.01
		For >10 To 20, Deduct	*-74.91*	
		For >20 To 40, Deduct	*-136.35*	
		For >40, Deduct	*-286.16*	
26 56 13 00-0547	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,302.84	445.77
		For >10 To 20, Deduct	*-78.74*	
		For >20 To 40, Deduct	*-143.37*	
		For >40, Deduct	*-300.85*	
26 56 13 00-0548	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,392.51	458.15
		For >10 To 20, Deduct	*-81.96*	
		For >20 To 40, Deduct	*-149.15*	
		For >40, Deduct	*-313.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0549	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,482.18	470.53
		For >10 To 20, Deduct	*-85.17*	
		For >20 To 40, Deduct	*-154.93*	
		For >40, Deduct	*-325.27*	

26 56 13 00-0550 Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0513)*

26 56 13 00-0551	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	617.25	123.83
		For >10 To 20, Deduct	*-20.98*	
		For >20 To 40, Deduct	*-38.25*	
		For >40, Deduct	*-80.21*	
26 56 13 00-0552	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	662.92	136.21
		For >10 To 20, Deduct	*-22.43*	
		For >20 To 40, Deduct	*-40.96*	
		For >40, Deduct	*-85.82*	
26 56 13 00-0553	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	707.48	148.59
		For >10 To 20, Deduct	*-23.84*	
		For >20 To 40, Deduct	*-43.58*	
		For >40, Deduct	*-91.26*	
26 56 13 00-0554	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	726.18	148.59
		For >10 To 20, Deduct	*-24.59*	
		For >20 To 40, Deduct	*-44.89*	
		For >40, Deduct	*-94.07*	
26 56 13 00-0555	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	781.74	160.97
		For >10 To 20, Deduct	*-26.44*	
		For >20 To 40, Deduct	*-48.28*	
		For >40, Deduct	*-101.16*	
26 56 13 00-0556	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	828.52	173.35
		For >10 To 20, Deduct	*-27.94*	
		For >20 To 40, Deduct	*-51.06*	
		For >40, Deduct	*-106.94*	
26 56 13 00-0557	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	878.58	185.73
		For >10 To 20, Deduct	*-29.57*	
		For >20 To 40, Deduct	*-54.07*	
		For >40, Deduct	*-113.21*	
26 56 13 00-0558	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	934.14	198.12
		For >10 To 20, Deduct	*-31.42*	
		For >20 To 40, Deduct	*-57.47*	
		For >40, Deduct	*-120.31*	
26 56 13 00-0559	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,039.74	198.12
		For >10 To 20, Deduct	*-35.65*	
		For >20 To 40, Deduct	*-64.86*	
		For >40, Deduct	*-136.15*	
26 56 13 00-0560	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,170.11	210.51
		For >10 To 20, Deduct	*-40.49*	
		For >20 To 40, Deduct	*-73.49*	
		For >40, Deduct	*-154.47*	
26 56 13 00-0561	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,300.47	222.89
		For >10 To 20, Deduct	*-45.33*	
		For >20 To 40, Deduct	*-82.12*	
		For >40, Deduct	*-172.78*	
26 56 13 00-0562	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	718.45	123.83
		For >10 To 20, Deduct	*-25.02*	
		For >20 To 40, Deduct	*-45.34*	
		For >40, Deduct	*-95.39*	
26 56 13 00-0563	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	769.62	136.21
		For >10 To 20, Deduct	*-26.70*	
		For >20 To 40, Deduct	*-48.43*	
		For >40, Deduct	*-101.82*	
26 56 13 00-0564	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	820.78	148.59
		For >10 To 20, Deduct	*-28.37*	
		For >20 To 40, Deduct	*-51.51*	
		For >40, Deduct	*-108.26*	
26 56 13 00-0565	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	848.28	148.59
		For >10 To 20, Deduct	*-29.47*	
		For >20 To 40, Deduct	*-53.44*	
		For >40, Deduct	*-112.38*	
26 56 13 00-0566	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	899.44	160.97
		For >10 To 20, Deduct	*-31.15*	
		For >20 To 40, Deduct	*-56.52*	
		For >40, Deduct	*-118.82*	
26 56 13 00-0567	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	950.62	173.35
		For >10 To 20, Deduct	*-32.82*	
		For >20 To 40, Deduct	*-59.61*	
		For >40, Deduct	*-125.26*	
26 56 13 00-0568	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,001.78	185.73
		For >10 To 20, Deduct	*-34.50*	
		For >20 To 40, Deduct	*-62.70*	
		For >40, Deduct	*-131.69*	
26 56 13 00-0569	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,078.24	198.12
		For >10 To 20, Deduct	*-37.19*	
		For >20 To 40, Deduct	*-67.55*	
		For >40, Deduct	*-141.92*	
26 56 13 00-0570	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,180.54	198.12
		For >10 To 20, Deduct	*-41.28*	
		For >20 To 40, Deduct	*-74.71*	
		For >40, Deduct	*-157.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0571	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,308.71	210.51
		For >10 To 20, Deduct	*-46.03*	
		For >20 To 40, Deduct	*-83.19*	
		For >40, Deduct	*-175.26*	
26 56 13 00-0572	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,435.77	222.89
		For >10 To 20, Deduct	*-50.74*	
		For >20 To 40, Deduct	*-91.59*	
		For >40, Deduct	*-193.08*	
26 56 13 00-0573	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	807.55	123.83
		For >10 To 20, Deduct	*-28.59*	
		For >20 To 40, Deduct	*-51.58*	
		For >40, Deduct	*-108.75*	
26 56 13 00-0574	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	852.12	136.21
		For >10 To 20, Deduct	*-30.00*	
		For >20 To 40, Deduct	*-54.20*	
		For >40, Deduct	*-114.20*	
26 56 13 00-0575	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	895.58	148.59
		For >10 To 20, Deduct	*-31.37*	
		For >20 To 40, Deduct	*-56.75*	
		For >40, Deduct	*-119.48*	
26 56 13 00-0576	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	914.28	148.59
		For >10 To 20, Deduct	*-32.11*	
		For >20 To 40, Deduct	*-58.06*	
		For >40, Deduct	*-122.28*	
26 56 13 00-0577	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	957.74	160.97
		For >10 To 20, Deduct	*-33.48*	
		For >20 To 40, Deduct	*-60.60*	
		For >40, Deduct	*-127.56*	
26 56 13 00-0578	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,002.32	173.35
		For >10 To 20, Deduct	*-34.89*	
		For >20 To 40, Deduct	*-63.23*	
		For >40, Deduct	*-133.01*	
26 56 13 00-0579	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,084.28	185.73
		For >10 To 20, Deduct	*-37.80*	
		For >20 To 40, Deduct	*-68.47*	
		For >40, Deduct	*-144.07*	
26 56 13 00-0580	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,179.44	198.12
		For >10 To 20, Deduct	*-41.23*	
		For >20 To 40, Deduct	*-74.64*	
		For >40, Deduct	*-157.10*	
26 56 13 00-0581	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,243.24	198.12
		For >10 To 20, Deduct	*-43.79*	
		For >20 To 40, Deduct	*-79.10*	
		For >40, Deduct	*-166.67*	
26 56 13 00-0582	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,332.91	210.51
		For >10 To 20, Deduct	*-47.00*	
		For >20 To 40, Deduct	*-84.88*	
		For >40, Deduct	*-178.89*	
26 56 13 00-0583	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,422.57	222.89
		For >10 To 20, Deduct	*-50.22*	
		For >20 To 40, Deduct	*-90.66*	
		For >40, Deduct	*-191.10*	

26 56 13 00-0584 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0512)*

26 56 13 00-0585	EA	Open Or Capped Top For Fiberglass Area Light Poles	39.00	
26 56 13 00-0586	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	39.00	
26 56 13 00-0587	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	74.00	
26 56 13 00-0588	EA	Festoon Outlet Provision For Fiberglass Area Light Poles Note: Excludes electrical outlet.	78.00	
26 56 13 00-0589	EA	Vibration Dampener For Fiberglass Area Light Poles	98.00	

26 56 13 00-0590 Concrete Area Light Poles *(26 56 13 00-0177)*

26 56 13 00-0591 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0590)*

26 56 13 00-0592	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,445.56	421.01
26 56 13 00-0593	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,525.27	445.77
26 56 13 00-0594	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,579.51	458.15
26 56 13 00-0595	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,901.70	470.53
26 56 13 00-0596	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,095.31	495.31
26 56 13 00-0597	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,612.79	643.90
26 56 13 00-0598	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,143.37	792.49
26 56 13 00-0599	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	2,829.10	421.01
26 56 13 00-0600	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	3,239.93	445.77
26 56 13 00-0601	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	429.22	148.59
26 56 13 00-0602	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	1,689.61	297.08
26 56 13 00-0603	EA	Pole Base Cover For All Octagon Poles	167.14	60.63
26 56 13 00-0604	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	341.53	121.25

26 56 13 00-0605 Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0590)*

Note: Round or square.

26 56 13 00-0606	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	1,393.23	198.12
26 56 13 00-0607	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	1,589.26	247.65
26 56 13 00-0608	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	1,769.79	297.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0609	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,485.88	445.77
26 56 13 00-0610	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,839.28	470.53
26 56 13 00-0611	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,220.12	495.31
26 56 13 00-0612	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,776.68	643.90
26 56 13 00-0613		Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0590)*		
26 56 13 00-0614	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	10,111.96	1,114.43
26 56 13 00-0615	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	12,060.96	1,383.77
26 56 13 00-0616	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	14,352.78	1,869.31
26 56 13 00-0617		Treated Wood Area Light Poles *(26 56 13 00-0177)* See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0618		Cast Iron Decorative Light Posts *(26 56 13 00-0177)*		
26 56 13 00-0619		Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0618)* Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0620	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	784.67	123.83
26 56 13 00-0621	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	836.57	142.64
26 56 13 00-0622	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	902.60	148.59
26 56 13 00-0623	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,102.06	173.35
26 56 13 00-0624	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,276.44	188.21
26 56 13 00-0625	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,458.71	203.07
26 56 13 00-0626		Landscape Light Poles *(26 56 13 00-0001)*		
26 56 13 00-0627		Aluminum Landscape Light Poles *(26 56 13 00-0626)* Note: Includes painted finish.		
26 56 13 00-0628		Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0627)*		
26 56 13 00-0629		Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0628)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	395.07	148.59
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	706.04	198.12
26 56 13 00-0632		Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0628)*		
26 56 13 00-0633	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	349.00	148.59
26 56 13 00-0634	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	659.98	198.12
26 56 13 00-0635		Steel Landscape Light Poles *(26 56 13 00-0626)* Note: Includes painted finish.		
26 56 13 00-0636		Round Straight, Steel Landscape Light Poles *(26 56 13 00-0635)*		
26 56 13 00-0637		Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0636)*		
26 56 13 00-0638	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	363.76	148.59
26 56 13 00-0639		Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0636)*		
26 56 13 00-0640	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	348.85	148.59
26 56 13 00-0641		Light Pole Brackets And Arms *(26 56 13 00-0001)*		
26 56 13 00-0642		Light Pole Brackets *(26 56 13 00-0641)*		
26 56 13 00-0643		Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0642)*		
26 56 13 00-0644		Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0643)*		
26 56 13 00-0645		Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0644)* Note: Includes powdercoat finish.		
26 56 13 00-0646	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	326.44	29.72
		For Galvanized Finish, Add	*26.70*	
26 56 13 00-0647	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	407.00	29.72
		For Galvanized Finish, Add	*34.76*	
26 56 13 00-0648	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	431.60	29.72
		For Galvanized Finish, Add	*37.22*	
26 56 13 00-0649	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	583.39	29.72
		For Galvanized Finish, Add	*52.40*	
26 56 13 00-0650	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	607.03	29.72
		For Galvanized Finish, Add	*54.76*	
26 56 13 00-0651		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0644)* Note: Includes satin brushed or painted finish.		
26 56 13 00-0652	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	238.73	29.72
		For Bronze Or Satin Anodized Finish, Add	*17.93*	
		For Black Anodized Finish, Add	*35.86*	
26 56 13 00-0653	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	295.93	29.72
		For Bronze Or Satin Anodized Finish, Add	*23.65*	
		For Black Anodized Finish, Add	*47.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0654	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	311.33	29.72
		For Bronze Or Satin Anodized Finish, Add	*25.19*	
		For Black Anodized Finish, Add	*50.38*	
26 56 13 00-0655	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	365.23	29.72
		For Bronze Or Satin Anodized Finish, Add	*30.58*	
		For Black Anodized Finish, Add	*61.16*	
26 56 13 00-0656	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	376.23	29.72
		For Bronze Or Satin Anodized Finish, Add	*31.68*	
		For Black Anodized Finish, Add	*63.36*	
26 56 13 00-0657		Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0643)*		
26 56 13 00-0658		Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0657)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0659	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	349.45	29.72
		For Galvanized Finish, Add	*29.00*	
26 56 13 00-0660	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	426.61	29.72
		For Galvanized Finish, Add	*36.72*	
26 56 13 00-0661	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	517.24	29.72
		For Galvanized Finish, Add	*45.78*	
26 56 13 00-0662	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	608.30	29.72
		For Galvanized Finish, Add	*54.89*	
26 56 13 00-0663		Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0642)*		
26 56 13 00-0664		Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0663)*		
		Note: Includes powdercoat finish.		
26 56 13 00-0665	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	346.04	49.53
26 56 13 00-0666	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	503.98	49.53
26 56 13 00-0667	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	690.86	49.53
26 56 13 00-0668	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	752.34	49.53
26 56 13 00-0669		Light Pole Arms *(26 56 13 00-0641)*		
26 56 13 00-0670		Wood Pole Streetlight Arms *(26 56 13 00-0669)*		
26 56 13 00-0671		Steel, Wood Pole Streetlight Arms *(26 56 13 00-0670)*		
26 56 13 00-0672	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	212.33	44.57
26 56 13 00-0673	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	226.37	49.53
26 56 13 00-0674	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	265.66	61.91
26 56 13 00-0675	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	302.05	49.53
26 56 13 00-0676	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	341.13	61.91
26 56 13 00-0677	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	413.48	74.30
26 56 13 00-0678		Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0670)*		
26 56 13 00-0679	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	222.23	49.53
26 56 13 00-0680	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	285.41	49.53
26 56 13 00-0681	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	385.23	61.91
26 56 13 00-0682	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	511.22	74.30
26 56 13 00-0683		Area Light Arms *(26 56 13 00-0669)*		
26 56 13 00-0684		Steel Area Light Arms *(26 56 13 00-0683)*		
26 56 13 00-0685	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	380.66	49.53
26 56 13 00-0686	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	580.87	54.48
26 56 13 00-0687	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	644.67	59.43
26 56 13 00-0688	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	761.28	64.38
26 56 13 00-0689	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	456.03	61.91
26 56 13 00-0690	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	636.43	66.86
26 56 13 00-0691		Aluminum Area Light Arms *(26 56 13 00-0683)*		
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	278.36	49.53
26 56 13 00-0693	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	342.73	61.91
26 56 13 00-0694	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	409.29	74.30
26 56 13 00-0695	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	276.16	49.53
26 56 13 00-0696	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	404.87	54.48
26 56 13 00-0697	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	338.33	61.91
26 56 13 00-0698	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	493.43	66.86
26 56 13 00-0699	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	411.49	74.30
26 56 13 00-0700	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	600.70	79.25
26 56 13 00-0701		Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0001)*		
26 56 13 00-0702	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	1,634.50	
26 56 13 00-0703		High Mast Lighting *(26 56 13 00-0001)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0704			**High Mast Lighting Assemblies** *(26 56 13 00-0703)* Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 19 00-0021 for high mast fixtures.		
26 56 13 00-0705		EA	60' High Mast Lighting Assembly	29,972.29	1,536.04
26 56 13 00-0706		EA	70' High Mast Lighting Assembly	31,654.54	1,608.77
26 56 13 00-0707		EA	80' High Mast Lighting Assembly	33,368.33	1,713.84
26 56 13 00-0708		EA	90' High Mast Lighting Assembly	35,112.69	1,851.24
26 56 13 00-0709		EA	100' High Mast Lighting Assembly	36,876.46	2,020.92
26 56 13 00-0710		EA	110' High Mast Lighting Assembly	39,147.05	2,223.17
26 56 13 00-0711		EA	120' High Mast Lighting Assembly	40,994.51	2,425.25
26 56 13 00-0712		EA	130' High Mast Lighting Assembly	42,706.96	2,627.32
26 56 13 00-0713		EA	140' High Mast Lighting Assembly	44,554.43	2,829.50
26 56 13 00-0714		EA	150' High Mast Lighting Assembly	46,783.88	3,031.58
26 56 13 00-0715			**High Mast Light Poles** *(26 56 13 00-0703)*		
26 56 13 00-0716		EA	60' High Mast Light Poles	11,657.03	922.52
26 56 13 00-0717		EA	70' High Mast Light Poles	13,317.42	966.21
26 56 13 00-0718		EA	80' High Mast Light Poles	14,999.67	1,029.34
26 56 13 00-0719		EA	90' High Mast Light Poles	16,702.75	1,111.88
26 56 13 00-0720		EA	100' High Mast Light Poles	18,427.68	1,213.83
26 56 13 00-0721		EA	110' High Mast Light Poles	20,174.44	1,335.22
26 56 13 00-0722		EA	120' High Mast Light Poles	21,511.20	1,456.60
26 56 13 00-0723		EA	130' High Mast Light Poles	21,133.99	2,699.57
26 56 13 00-0724		EA	140' High Mast Light Poles	24,048.74	1,699.37
26 56 13 00-0725		EA	150' High Mast Light Poles	25,521.51	1,820.75
26 56 13 00-0726			**High Mast Lighting Accessories** *(26 56 13 00-0703)* See CSI section 26 56 19 00-0021 for light fixtures, 26 56 26 00-0119 for lighting fixtures.		
26 56 13 00-0727		EA	Bottom Latching System For High Mast Lighting	543.25	
26 56 13 00-0728		EA	Top Latching System For High Mast Lighting	1,506.41	
26 56 13 00-0729		EA	Centering Springs For High Mast Lighting	1,140.56	
26 56 13 00-0730		EA	Electric Power Cord For High Mast Lighting	487.70	
26 56 13 00-0731		EA	Aircraft Warning Lights For High Mast Lighting	922.05	
26 56 13 00-0732		EA	Internal Motorized Hoist For High Mast Lighting	9,459.45	
26 56 13 00-0733		EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	9,536.70	
26 56 13 00-0734			**Concrete Bases** *(26 56 13 00-0001)*		
26 56 13 00-0735			**Concrete Bases, Cast In Place** *(26 56 13 00-0734)* Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0736		VLF	2' Diameter Concrete Base For Poles	68.74	
26 56 13 00-0737		VLF	2-1/2' Diameter Concrete Base For Poles	85.76	
26 56 13 00-0738		VLF	3' Diameter Concrete Base For Poles	102.95	
26 56 13 00-0739		VLF	3-1/2' Diameter Concrete Base For Poles	127.23	
26 56 13 00-0740		VLF	4' Diameter Concrete Base For Poles	150.14	
26 56 13 00-0741		VLF	5' Diameter Concrete Base For Poles	201.88	
26 56 13 00-0742		VLF	6' Diameter Concrete Base For Poles	263.18	
26 56 19			**Roadway Lighting** *(26 56)*		
26 56 19 00-0001			**Metal Halide, Pole Mounted** *(26 56 19)*		
26 56 19 00-0002		EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	692.27	201.10
26 56 19 00-0003		EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	791.64	218.29
26 56 19 00-0004		EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	941.09	234.82
26 56 19 00-0005		EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,155.90	275.22
26 56 19 00-0006			**High Pressure Sodium, Pole Mounted** *(26 56 19)*		
26 56 19 00-0007		EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	562.48	234.82
26 56 19 00-0008		EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	578.88	234.82
26 56 19 00-0009		EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	605.53	234.82
26 56 19 00-0010		EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	674.43	234.82
26 56 19 00-0011		EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	779.67	234.82
26 56 19 00-0012		EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,071.09	234.82
26 56 19 00-0013			**Low Pressure Sodium, Pole Mounted** *(26 56 19)*		
26 56 19 00-0014		EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	663.66	127.74
26 56 19 00-0015		EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	642.42	187.86
26 56 19 00-0016		EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	777.68	187.86
26 56 19 00-0017			**Street Light Accessories** *(26 56 19)*		
26 56 19 00-0018			**Photo Controls** *(26 56 19 00-0017)*		
26 56 19 00-0019		EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	76.59	
26 56 19 00-0020		EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	88.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0021		**High Mast Fixtures** *(26 56 19)*		
26 56 19 00-0022		**Metal Halide** *(26 56 19 00-0021)*		
26 56 19 00-0023	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,272.94	123.33
26 56 19 00-0024	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,359.52	123.33
26 56 19 00-0025	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,350.15	140.90
26 56 19 00-0026	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,402.10	140.90
26 56 19 00-0027	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,423.09	176.12
26 56 19 00-0028	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,475.04	176.12
26 56 19 00-0029		**High Pressure Sodium** *(26 56 19 00-0021)*		
26 56 19 00-0030	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	1,316.73	123.33
26 56 19 00-0031	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,368.68	123.33
26 56 19 00-0032	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,585.00	130.37
26 56 19 00-0033	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,625.06	140.90
26 56 19 00-0034	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,723.97	176.12
26 56 19 00-0035		**LED Roadway Lighting** *(26 56 19)*		
26 56 19 00-0036		**LED Roadway Lighting (Philips Lumec)** *(26 56 19 00-0035)*		
26 56 19 00-0037		**Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series)** *(26 56 19 00-0036)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0038	EA	49 LEDs, 102 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	896.47	119.67
26 56 19 00-0039	EA	98 LEDs, 204 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	1,367.04	122.90
26 56 19 00-0040		**LED Roadway Lighting (Lithonia)** *(26 56 19 00-0035)*		
26 56 19 00-0041		**Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series)** *(26 56 19 00-0040)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0042	EA	30 LEDs, 74 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	1,271.63	113.20
26 56 19 00-0043	EA	60 LEDs, 146 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,066.59	116.43
26 56 19 00-0044		**LED Roadway Lighting (CREE® BetaLED®)** *(26 56 19 00-0035)*		
26 56 19 00-0045		**Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY)** *(26 56 19 00-0044)*		
		Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		
26 56 19 00-0046	EA	20 LEDs, 25 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	579.04	109.97
26 56 19 00-0047	EA	30 LEDs, 35 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	646.40	113.20
26 56 19 00-0048	EA	40 LEDs, 45 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	727.42	116.43
26 56 19 00-0049	EA	50 LEDs, 55 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	795.84	119.67
26 56 19 00-0050	EA	60 LEDs, 65 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	864.26	122.90
26 56 19 00-0051	EA	70 LEDs, 75 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,025.08	126.14
26 56 19 00-0052	EA	80 LEDs, 86 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,093.50	129.38
26 56 19 00-0053	EA	90 LEDs, 96 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,160.87	132.61
26 56 19 00-0054	EA	100 LEDs, 111 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,291.23	135.84
26 56 19 00-0055	EA	110 LEDs, 122 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,359.65	139.07
26 56 19 00-0056	EA	120 LEDs, 133 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,428.07	142.31
26 56 19 00-0057		**Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG)** *(26 56 19 00-0044)*		
		Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0058	EA	40 LEDs, 47 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,110.67	116.43
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 19 00-0059	EA	60 LEDs, 68 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,277.96	122.90
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 19 00-0060	EA	80 LEDs, 90 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,445.25	129.38
		For Multi-Level Drive Currents, Add	*147.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0061	EA	100 LEDs, 111 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,612.53	135.84
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 19 00-0062	EA	120 LEDs, 132 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,107.42	142.31
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 19 00-0063	EA	140 LEDs, 157 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,274.71	148.78
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 19 00-0064	EA	160 LEDs, 179 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,442.00	155.25
		For Multi-Level Drive Currents, Add	*147.00*	

26 56 19 00-0065 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0044)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0066	EA	4,806 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	491.63	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Backlight Control Shield, Add	*23.35*	
		For Field Adjustable Output, Add	*18.58*	
		For Bird Spikes, Add	*35.04*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Fuse, Add	*37.15*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 19 00-0067	EA	5,340 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	491.63	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Backlight Control Shield, Add	*23.35*	
		For Field Adjustable Output, Add	*18.58*	
		For Bird Spikes, Add	*35.04*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Fuse, Add	*37.15*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 19 00-0068	EA	8,407 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	538.44	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Backlight Control Shield, Add	*23.35*	
		For Field Adjustable Output, Add	*18.58*	
		For Bird Spikes, Add	*35.04*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
26 56 19 00-0069	EA	8,820 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	538.44	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Backlight Control Shield, Add	*23.35*	
		For Field Adjustable Output, Add	*18.58*	
		For Bird Spikes, Add	*35.04*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
26 56 19 00-0070	EA	9,612 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	621.65	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*32.44*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Fuse, Add	*37.15*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For Bird Spikes, Add	*55.86*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 19 00-0071	EA	10,680 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	621.65	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*32.44*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Fuse, Add	*37.15*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For Bird Spikes, Add	*55.86*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 19 00-0072	EA	13,732 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	699.68	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*32.44*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For Bird Spikes, Add	*55.86*	
		For 480 Volt, Add	*55.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0073	EA	14,408 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	699.68	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*32.44*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For Bird Spikes, Add	*55.86*	
		For 480 Volt, Add	*55.73*	
26 56 19 00-0074	EA	2,529 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	408.41	116.43
		For Utility Label, Add	*6.19*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.58*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
26 56 19 00-0075	EA	2,722 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	408.41	116.43
		For Utility Label, Add	*6.19*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.58*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
26 56 19 00-0076	EA	3,819 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	427.92	116.43
		For Utility Label, Add	*6.19*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.58*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
26 56 19 00-0077	EA	4,109 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	427.92	116.43
		For Utility Label, Add	*6.19*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*18.58*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
26 56 19 00-0078	EA	4,548 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	434.42	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
26 56 19 00-0079	EA	4,627 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	434.42	116.43
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Field Adjustable Output And Utility Label, Add	*24.77*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	

26 56 19 00-0080 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0044)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0081	EA	3,300 Lumens, 3,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N) (DLC Certified)	421.42	116.43
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*42.60*	
		For Bird Spikes, Add	*56.22*	
26 56 19 00-0082	EA	3,300 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N) (DLC Certified)	421.42	116.43
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*42.60*	
		For Bird Spikes, Add	*56.22*	
26 56 19 00-0083	EA	5,000 Lumens, 3,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N) (DLC Certified)	434.42	116.43
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*42.60*	
		For Bird Spikes, Add	*56.22*	
26 56 19 00-0084	EA	5,000 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N) (DLC Certified)	434.42	116.43
		For Field Adjustable Output, Add	*18.58*	
		For Backlight Control Shield, Add	*42.60*	
		For Bird Spikes, Add	*56.22*	

26 56 19 00-0085 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0035)*

26 56 19 00-0086 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0085)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0087	EA	1 LED Light Square, 51 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	592.30	116.43
26 56 19 00-0088	EA	2 LED Light Squares, 103 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	788.36	129.38
26 56 19 00-0089	EA	3 LED Light Squares, 154 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	850.72	148.78
26 56 19 00-0090	EA	4 LED Light Squares, 206 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,235.47	161.71
26 56 19 00-0091	EA	6 LED Light Squares, 309 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,606.16	184.11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0092		LED Roadway Lighting (PlanLED) *(26 56 19 00-0035)*		
26 56 19 00-0093		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0092)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0094	EA	8,500 Lumens, 85 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	698.73	113.20
26 56 19 00-0095	EA	11,000 Lumens, 110 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	755.64	114.44
26 56 19 00-0096	EA	15,000 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	800.98	116.43
26 56 19 00-0097		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0092)* Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0098	EA	7,200 Lumens, 60 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	478.86	110.47
26 56 19 00-0099	EA	10,000 Lumens, 80 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	510.05	112.45
26 56 19 00-0100	EA	12,500 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	558.65	114.44
26 56 19 00-0101		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0092)* Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0102	EA	13,000 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	590.21	114.44
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*46.65*	
26 56 19 00-0103	EA	16,900 Lumens, 130 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	648.80	115.44
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*13.80*	
26 56 19 00-0104	EA	19,500 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	694.32	116.43
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*-4.89*	
26 56 19 00-0105		LED Roadway Lighting (General Electric) *(26 56 19 00-0035)*		
26 56 19 00-0106		Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) *(26 56 19 00-0105)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0107	EA	2,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 23)	441.84	109.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0108	EA	4,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 B1)	471.65	113.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0109	EA	5,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 C1)	490.07	114.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0110	EA	9,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 G1)	541.92	119.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0111	EA	2,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 23)	463.07	109.97
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0112	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 B2)	512.00	113.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0113	EA	5,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 C2)	522.98	114.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0114	EA	10,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 G2)	565.28	119.67
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0115	EA	11,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 E3)	656.69	122.90
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0116	EA	19,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 G3)	736.51	129.38
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
26 56 19 00-0117		LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0035)*		
26 56 19 00-0118		Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0117)* Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0119	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	678.72	113.20
26 56 19 00-0120	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	830.24	116.43
26 56 19 00-0121	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	1,135.46	119.67
26 56 19 00-0122	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	1,443.59	124.40

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0123	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	1,744.14	127.88

26 56 19 00-0124 LED Roadway Lighting (Leotek) *(26 56 19 00-0035)*

26 56 19 00-0125 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0124)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0126	EA	2,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-4M-MV-NW-X-GY-WL-XXX)	343.68	109.97
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*29.73*	
26 56 19 00-0127	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-6M-MV-NW-X-GY-WL-XXX)	389.16	113.20
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*29.73*	
26 56 19 00-0128	EA	6,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC3-10M-MV-NW-X-GY-WL-XXX)	443.56	116.43
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*31.85*	
26 56 19 00-0129	EA	9,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC4-14M-MV-NW-X-GY-WL-XXX)	496.86	119.67
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*35.04*	
26 56 19 00-0130	EA	11,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-18M-MV-NW-X-GY-WL-XXX)	596.97	122.90
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*38.22*	
26 56 19 00-0131	EA	15,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-24M-MV-NW-X-GY-WL-XXX)	682.59	126.14
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*38.22*	
26 56 19 00-0132	EA	19,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC9-30M-MV-NW-X-GY-WL-XXX)	754.83	129.38
		For Utility Wattage Label, Add	*1.27*	
		For ANSI 5-wire Photocontrol Receptacle, Add	*12.74*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*14.01*	
		For House Or Cul-De-Sac Side Shield, Add	*38.22*	

26 56 19 00-0133 Induction Roadway Lighting *(26 56 19)*

26 56 19 00-0134 Induction Roadway Lighting (US Lighting Tech) *(26 56 19 00-0133)*

Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.

26 56 19 00-0135	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	587.99	149.28
26 56 19 00-0136	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	654.70	154.25
26 56 19 00-0137	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	674.60	164.20
26 56 19 00-0138	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	694.51	174.16
26 56 19 00-0139	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	834.98	179.13
26 56 19 00-0140	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	849.47	184.11
26 56 19 00-0141	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	540.32	149.28
26 56 19 00-0142	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	613.84	154.25
26 56 19 00-0143	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	633.74	164.20
26 56 19 00-0144	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	653.65	174.16

26 56 23 Area Lighting *(26 56)*

26 56 23 00-0001 Exterior Globe *(26 56 23)*

26 56 23 00-0002 Incandescent *(26 56 23 00-0001)*

26 56 23 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	55.64	16.49
26 56 23 00-0004	EA	150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	96.44	16.49
26 56 23 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	70.15	16.49
26 56 23 00-0006	EA	150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	102.03	16.49

26 56 23 00-0007 Surface Mounted, Rectangular Exterior Area Fixture *(26 56 23)*

26 56 23 00-0008 Metal Halide *(26 56 23 00-0007)*

26 56 23 00-0009	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	636.37	187.86
		For Round Body, Add	*46.21*	
		For Spherical Dome Body, Add	*90.60*	
26 56 23 00-0010	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	741.26	211.34
		For Round Body, Add	*56.75*	
		For Spherical Dome Body, Add	*111.27*	
26 56 23 00-0011	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	912.45	234.82
		For Round Body, Add	*75.54*	
		For Spherical Dome Body, Add	*148.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0012	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,129.28	275.22
		For Round Body, Add	*85.77*	
		For Spherical Dome Body, Add	*168.17*	

26 56 23 00-0013 High Pressure Sodium *(26 56 23 00-0007)*

26 56 23 00-0014	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	637.27	160.62
		For Round Body, Add	*51.31*	
		For Spherical Dome Body, Add	*100.61*	
26 56 23 00-0015	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	698.08	170.95
		For Round Body, Add	*57.37*	
		For Spherical Dome Body, Add	*112.49*	
26 56 23 00-0016	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	758.68	180.35
		For Round Body, Add	*63.20*	
		For Spherical Dome Body, Add	*123.92*	
26 56 23 00-0017	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	782.85	187.86
		For Round Body, Add	*64.88*	
		For Spherical Dome Body, Add	*127.22*	
26 56 23 00-0018	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	877.46	211.34
		For Round Body, Add	*74.11*	
		For Spherical Dome Body, Add	*145.32*	
26 56 23 00-0019	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	949.55	234.82
		For Round Body, Add	*80.27*	
		For Spherical Dome Body, Add	*157.40*	
26 56 23 00-0020	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,260.99	275.22
		For Round Body, Add	*102.56*	
		For Spherical Dome Body, Add	*201.10*	

26 56 23 00-0021 Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23)*

26 56 23 00-0022 High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 23 00-0023	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	625.03	126.81
26 56 23 00-0024	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	646.59	140.90
26 56 23 00-0025	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	501.68	160.62
26 56 23 00-0026	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	706.64	170.95
26 56 23 00-0027	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	725.81	180.35
26 56 23 00-0028	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	761.01	187.86
26 56 23 00-0029	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	835.17	211.34
26 56 23 00-0030	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,022.09	234.82

26 56 23 00-0031 Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 23 00-0032	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	487.61	140.90
26 56 23 00-0033	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	521.96	160.62
26 56 23 00-0034	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	542.15	170.95
26 56 23 00-0035	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	570.15	180.35
26 56 23 00-0036	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	580.56	187.86
26 56 23 00-0037	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	633.77	211.34
26 56 23 00-0038	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	787.61	234.82

26 56 23 00-0039 Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 23 00-0021)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 23 00-0040	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	171.49	65.96
26 56 23 00-0041	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	179.77	70.09
26 56 23 00-0042	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	195.70	74.21
26 56 23 00-0043	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	204.35	82.44
26 56 23 00-0044	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	229.81	94.81

26 56 23 00-0045 Wall Packs *(26 56 23)*

26 56 23 00-0046 Non Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*

Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.

26 56 23 00-0047	EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	229.30	45.09
26 56 23 00-0048	EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	243.11	45.09
26 56 23 00-0049	EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	243.11	45.09
26 56 23 00-0050	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	310.08	45.09

26 56 23 00-0051 Semi Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*

Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.

26 56 23 00-0052	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	418.17	45.09
26 56 23 00-0053	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	423.14	45.09
26 56 23 00-0054	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	427.44	45.09
26 56 23 00-0055	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	419.60	45.09
26 56 23 00-0056	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	387.37	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0057	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	369.67	45.09
26 56 23 00-0058		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 23 00-0059	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	438.56	45.09
26 56 23 00-0060	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	443.09	45.09
26 56 23 00-0061	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	435.27	45.09
26 56 23 00-0062	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	441.57	45.09
26 56 23 00-0063	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	441.57	45.09
26 56 23 00-0064		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 23 00-0065	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	431.58	60.06
26 56 23 00-0066	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	431.58	60.06
26 56 23 00-0067	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	407.33	60.06
26 56 23 00-0068	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	416.62	60.06
26 56 23 00-0069	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	416.62	60.06
26 56 23 00-0070	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	389.73	60.06
26 56 23 00-0071		Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 23 00-0072	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	445.95	60.06
26 56 23 00-0073	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	445.95	60.06
26 56 23 00-0074	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	445.95	60.06
26 56 23 00-0075	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	431.69	60.06
26 56 23 00-0076	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	431.69	60.06
26 56 23 00-0077	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	431.69	60.06
26 56 23 00-0078		Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 23 00-0079	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	562.04	60.06
26 56 23 00-0080		Cutoff, Borosilicate Glass Lens, Medium Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 23 00-0081	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	543.41	74.40
26 56 23 00-0082	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	576.29	74.40
26 56 23 00-0083	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	615.49	74.40
26 56 23 00-0084	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	626.28	74.40
26 56 23 00-0085		Cutoff, Tempered Glass Lens, Medium Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 23 00-0086	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	585.70	74.40
26 56 23 00-0087	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	622.65	74.40
26 56 23 00-0088		Non Cutoff, Polycarbonate Lens, Large Wall Packs *(26 56 23 00-0045)*		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 23 00-0089	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	557.50	90.19
26 56 23 00-0090	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	518.37	90.19
26 56 23 00-0091	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	548.44	90.19
26 56 23 00-0092	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	551.44	90.19
26 56 23 00-0093	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	554.58	90.19
26 56 23 00-0094		Non Cutoff, Borosilicate Glass Lens, Large Wall Packs *(26 56 23 00-0045)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 23 00-0095	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	557.51	90.19
26 56 23 00-0096	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	570.57	90.19
26 56 23 00-0097	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	609.70	90.19
26 56 23 00-0098	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	583.61	90.19
26 56 23 00-0099	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	596.67	90.19
26 56 23 00-0100	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	622.73	90.19
26 56 23 00-0101		Full Cutoff, LED Wall Packs *(26 56 23 00-0045)*		
26 56 23 00-0102		Full Cutoff, LED Wall Packs (Lithonia) *(26 56 23 00-0101)*		
26 56 23 00-0103	EA	30 LEDs, 57 System Watts, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,010.69	87.08
26 56 23 00-0104	EA	30 LEDs, 35 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,101.50	87.08
26 56 23 00-0105		Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 23 00-0101)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0106		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 23 00-0105)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0107	EA	20 LEDs, 26 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	617.78	84.59
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*31.86*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0108	EA	40 LEDs, 47 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	790.27	89.57
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*32.36*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0109	EA	60 LEDs, 68 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	962.76	94.54
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*32.85*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0110	EA	80 LEDs, 90 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,135.26	99.51
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*33.35*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0111	EA	100 LEDs, 111 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,307.74	104.50
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*33.85*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0112	EA	120 LEDs, 132 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,480.24	109.47
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*34.35*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
26 56 23 00-0113		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 23 00-0105)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0114	EA	25 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	376.42	84.59
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Multi-Level, Add	*37.15*	
26 56 23 00-0115	EA	42 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	434.72	89.57
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Multi-Level, Add	*37.15*	
26 56 23 00-0116		Semi Cutoff, Induction Wall Packs *(26 56 23 00-0045)*		
26 56 23 00-0117		Semi Cutoff, Induction Wall Packs (Everlast®) *(26 56 23 00-0116)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0118	EA	70 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	669.44	84.59
26 56 23 00-0119	EA	80 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	684.96	89.57
26 56 23 00-0120	EA	100 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	700.49	94.54
26 56 23 00-0121	EA	120 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	777.33	99.51
26 56 23 00-0122		Wall Pack Accessories *(26 56 23 00-0045)*		
26 56 23 00-0123	EA	Photocell For Wall Pack	85.09	22.55
26 56 23 00-0124	EA	Wire Guard For Mini And Small Wall Pack	93.45	22.55
26 56 23 00-0125	EA	Wire Guard For Medium And Large Wall Pack	128.42	22.55
26 56 23 00-0126	EA	Clear Polycarbonate Vandal Guard For Wall Packs	178.89	22.55
26 56 23 00-0127	EA	Full Cutoff Visor For Wall Pack	91.17	22.55
26 56 23 00-0128		LED Area Fixtures *(26 56 23)*		
26 56 23 00-0129		Pole Mount, LED Area Fixtures *(26 56 23 00-0128)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0130		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 23 00-0129)*		
		Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0131	EA	20 LEDs, 45 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	1,942.70	84.59
26 56 23 00-0132	EA	40 LEDs, 91 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,094.53	89.57
26 56 23 00-0133	EA	80 LEDs, 188 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,256.32	99.51
26 56 23 00-0134	EA	100 LEDs, 218 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,266.26	104.50
26 56 23 00-0135		Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 23 00-0129)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 23 00-0136	EA	40 LEDs, 47 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	821.73	89.57
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*26.61*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0137	EA	60 LEDs, 68 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	986.03	94.54
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*27.10*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0138	EA	80 LEDs, 90 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,212.29	99.51
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*27.60*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0139	EA	100 LEDs, 111 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,376.58	104.50
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*28.10*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0140	EA	120 LEDs, 132 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,540.89	109.47
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*28.60*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0141	EA	140 LEDs, 157 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,754.54	114.44
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*29.09*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0142	EA	160 LEDs, 179 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,918.85	119.42
		For Backlight Shielding, Add	*14.70*	
		For Type II Medium Optic, Add	*29.59*	
		For 480 Volt, Add	*55.20*	
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0143		Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 23 00-0129)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0144	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	1,426.92	109.47
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*30.46*	
		For 5,000K Color Temperature, Add	*30.96*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
		For 1,000mA Driver, Add	*104.03*	
26 56 23 00-0145	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,386.91	134.35
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For 5,000K Color Temperature, Add	*30.96*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Bird Spikes, Add	*44.66*	
		For Multi-Level, Add	*80.49*	
		For 1,000mA Driver, Add	*104.02*	
		For 480 Volt, Add	*111.45*	
26 56 23 00-0146		Wall Mount, LED Area Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0147		Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 23 00-0146)*		
		Note: UL wet listed. Includes 4,000K color temperature, 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0148	EA	20 LEDs, 47 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	851.63	84.59
26 56 23 00-0149	EA	30 LEDs, 71 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	871.53	94.54

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0150		Surface Mount, LED Parking Structure Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0151		Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 23 00-0150)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0152	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	729.33	89.57
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0153	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	893.63	94.54
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0154	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,057.94	99.51
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0155	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,222.23	104.50
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0156		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 23 00-0150)*		
		Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0157	EA	40 LEDs, 47 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	704.13	89.57
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0158	EA	60 LEDs, 68 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	776.03	94.54
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0159		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 23 00-0150)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0160	EA	3,700 Lumens, 50 System Watts, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	584.34	89.57
26 56 23 00-0161		Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 23 00-0150)*		
		Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 23 00-0162	EA	70 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,079.28	94.54
26 56 23 00-0163	EA	110 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,099.18	104.50
26 56 23 00-0164		Surface Mount, LED Canopy Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0165		Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 23 00-0164)*		
		Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0166	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	840.63	89.57
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0167	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,004.93	94.54
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0168	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,169.24	99.51
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0169	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,333.53	104.50
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0170	EA	120 LEDs, 132 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,497.84	109.47
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0171	EA	140 LEDs, 157 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,724.09	114.44
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0172	EA	160 LEDs, 179 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,888.40	119.42
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0173	EA	200 LEDs, 221 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,217.00	129.38
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 23 00-0174	EA	240 LEDs, 264 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,535.65	134.35
		For Multi-Level Drive Currents, Add	*147.00*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0175		Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 23 00-0164)* Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0176	EA	8,000 Lumens, 82 System Watts, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	594.89	99.51
26 56 23 00-0177		Recessed Mount, LED Soffit Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0178		Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 23 00-0177)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0179	EA	40 LEDs, 47 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	716.73	89.57
26 56 23 00-0180	EA	60 LEDs, 68 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	788.63	94.54
26 56 23 00-0181		Surface Mount, LED Area Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0182		Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 23 00-0181)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 23 00-0183	EA	50 LEDs, 59 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	644.18	89.57
26 56 23 00-0184	EA	50 LEDs, 59 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	798.45	89.57
26 56 23 00-0185	EA	68 LEDs, 79 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	678.26	99.51
26 56 23 00-0186	EA	68 LEDs, 79 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	826.14	99.51
26 56 23 00-0187		Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 23 00-0181)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0188	EA	13 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	210.97	32.47
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 23 00-0189	EA	20 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	244.24	32.47
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 23 00-0190	EA	30 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	307.62	32.47
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 23 00-0191		Surface Mount, LED Facade Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0192		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 23 00-0191)*		
26 56 23 00-0193	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	406.73	37.93
26 56 23 00-0194	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	650.19	34.63
26 56 23 00-0195	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	824.19	28.86
26 56 23 00-0196	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	998.16	23.08
26 56 23 00-0197		Post Top, LED Area Fixtures *(26 56 23 00-0128)*		
26 56 23 00-0198		Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 23 00-0197)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0199	EA	1,800 Lumens, 27 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	1,169.35	136.84
26 56 23 00-0200	EA	3,400 Lumens, 54 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	1,283.64	136.84
26 56 23 00-0201	EA	77 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	1,373.98	136.84
26 56 23 00-0202		Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 23 00-0197)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 23 00-0203	EA	2,380 Lumens, 49 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 D5/D3)	1,406.62	136.84
		For >25 To 500, Deduct	*-79.31*	
		For >500, Deduct	*-147.28*	
26 56 23 00-0204	EA	3,200 Lumens, 45 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	1,434.16	136.84
		For >25 To 500, Deduct	*-81.23*	
		For >500, Deduct	*-266.91*	
26 56 23 00-0205	EA	4,630 Lumens, 86 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 B5/B3)	1,448.17	136.84
		For >25 To 500, Deduct	*-82.22*	
		For >500, Deduct	*-152.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0206	EA	6,515 Lumens, 80 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	1,465.38	136.84
		For >25 To 500, Deduct	*-83.42*	
		For >500, Deduct	*-274.09*	

26 56 23 00-0207 Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 23 00-0197)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 23 00-0208	EA	2,380 Lumens, 49 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC D5/D3)	994.04	136.84
		For >25 To 500, Deduct	*-50.43*	
		For >500, Deduct	*-122.46*	
26 56 23 00-0209	EA	3,200 Lumens, 45 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,011.55	136.84
		For >25 To 500, Deduct	*-51.65*	
		For >500, Deduct	*-213.99*	
26 56 23 00-0210	EA	4,630 Lumens, 86 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC B5/B3)	1,039.64	136.84
		For >25 To 500, Deduct	*-38.30*	
		For >500, Deduct	*-137.87*	
26 56 23 00-0211	EA	6,150 Lumens, 80 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,058.27	136.84
		For >25 To 500, Deduct	*-54.92*	
		For >500, Deduct	*-204.00*	

26 56 23 00-0212 Post Top, LED Area Fixtures (General Electric EPST) *(26 56 23 00-0197)*

Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.

26 56 23 00-0213	EA	2,250 Lumens, 49 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST D5/D3)	786.74	136.84
		For >25 To 500, Deduct	*-35.91*	
		For >500, Deduct	*-56.44*	
26 56 23 00-0214	EA	3,135 Lumens, 45 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	799.21	136.84
		For >25 To 500, Deduct	*-36.79*	
		For >500, Deduct	*-110.36*	
26 56 23 00-0215	EA	4,350 Lumens, 86 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST B5/B3)	832.34	136.84
		For >500, Deduct	*-72.63*	
		For >25 To 500, Deduct	*-33.52*	
26 56 23 00-0216	EA	6,115 Lumens, 80 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	845.93	136.84
		For >25 To 500, Deduct	*-40.06*	
		For >500, Deduct	*-120.17*	

26 56 23 00-0217 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 23 00-0197)*

Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.

26 56 23 00-0218	EA	13,800 Lumens, 130 System Watts, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,873.87	136.84

26 56 23 00-0219 LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53) *(26 56 23 00-0197)*

Note: Includes 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.

26 56 23 00-0220	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	532.88	74.64
		For 0 To 10 Volt Dimming, Add	*37.15*	

26 56 23 00-0221 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 23 00-0197)*

Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0132 for disposal of hazardous lamps.

26 56 23 00-0222	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	328.95	15.93
		For Backlight Control Shield, Add	*25.28*	

26 56 23 00-0223 Induction Area Fixtures *(26 56 23)*

26 56 23 00-0224 Post Top, Induction Area Fixtures *(26 56 23 00-0223)*

26 56 23 00-0225 Post Top, Induction Area Fixtures (US Lighting Tech) *(26 56 23 00-0224)*

Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.

26 56 23 00-0226	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	683.42	136.84
26 56 23 00-0227	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	749.26	136.84
26 56 23 00-0228	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	749.26	136.84
26 56 23 00-0229	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	749.26	136.84

26 56 23 00-0230 Surface Mount, Induction Parking Structure Fixtures *(26 56 23 00-0223)*

26 56 23 00-0231 Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 23 00-0230)*

26 56 23 00-0232	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	602.96	124.40

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0233	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	646.53	126.89
26 56 23 00-0234	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	656.05	129.38
26 56 23 00-0235	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	665.56	131.86
26 56 23 00-0236	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	675.08	134.35
26 56 23 00-0237	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	689.13	136.84
26 56 23 00-0238	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	721.88	129.38
26 56 23 00-0239	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	731.39	131.86
26 56 23 00-0240	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	740.91	134.35
26 56 23 00-0241	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	774.26	136.84
26 56 23 00-0242		Pole Mount, Induction Area Fixtures *(26 56 23 00-0223)*		
26 56 23 00-0243		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 23 00-0242)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0244	EA	70 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	697.31	84.59
26 56 23 00-0245	EA	80 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	718.41	89.57
26 56 23 00-0246	EA	100 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	739.51	94.54
26 56 23 00-0247		Metal Halide Area Fixtures *(26 56 23)*		
26 56 23 00-0248		Pole Mount, Metal Halide Area Fixtures *(26 56 23 00-0247)*		
		Note: Includes pulse start ballast.		
26 56 23 00-0249	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	661.97	123.83
26 56 23 00-0250	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	726.62	136.21
26 56 23 00-0251	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	802.52	148.59
26 56 23 00-0252	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	857.12	173.35
26 56 23 00-0253		High Pressure Sodium Area Fixtures *(26 56 23)*		
26 56 23 00-0254		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 23 00-0253)*		
26 56 23 00-0255	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	547.99	99.06
26 56 23 00-0256	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	604.65	123.83
26 56 23 00-0257	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	663.22	148.59
26 56 23 00-0258	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	707.85	173.35
26 56 23 00-0259		Area Lighting Accessories *(26 56 23)*		
26 56 23 00-0260		Outdoor Motion Sensors *(26 56 23 00-0259)*		
26 56 23 00-0261	EA	70' Range, 180 Degree Detection Zone, 8 Amp Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	79.61	22.58
26 56 23 00-0262	EA	70' Range, 200 Degree Detection Zone, 10 Amp Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	85.85	22.58
26 56 23 00-0263	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	317.72	22.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.55*	

26 56 26 Landscape Lighting *(26 56)*

26 56 26 00-0001		Bollards *(26 56 26)*		
		Note: Excludes concrete base.		
26 56 26 00-0002		Aluminum Architectural Bollards *(26 56 26 00-0001)*		
26 56 26 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 56 26 00-0002)*		
26 56 26 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 56 26 00-0003)*		
26 56 26 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	859.65	76.66
26 56 26 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	868.66	81.17
26 56 26 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	877.68	85.68
26 56 26 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	818.49	90.19
26 56 26 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	859.65	76.66
26 56 26 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	868.66	81.17
26 56 26 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	877.68	85.68
26 56 26 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	818.49	90.19
26 56 26 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	859.65	76.66
26 56 26 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	868.66	81.17
26 56 26 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	877.68	85.68
26 56 26 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	818.49	90.19
26 56 26 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	859.65	76.66
26 56 26 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	868.66	81.17
26 56 26 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	877.68	85.68
26 56 26 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	818.49	90.19
26 56 26 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 56 26 00-0003)*		
26 56 26 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	828.32	76.66
26 56 26 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	837.33	81.17
26 56 26 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	846.35	85.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 26 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	786.88	90.19
26 56 26 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	828.32	76.66
26 56 26 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	837.33	81.17
26 56 26 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	846.35	85.68
26 56 26 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	786.88	90.19
26 56 26 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	828.32	76.66
26 56 26 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	837.33	81.17
26 56 26 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	846.35	85.68
26 56 26 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	786.88	90.19
26 56 26 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	828.32	76.66
26 56 26 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	837.33	81.17
26 56 26 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	846.35	85.68
26 56 26 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	786.88	90.19
26 56 26 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 56 26 00-0002)*		
26 56 26 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 56 26 00-0038)*		
26 56 26 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	900.31	76.66
26 56 26 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	909.32	81.17
26 56 26 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	918.34	85.68
26 56 26 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	858.87	90.19
26 56 26 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	900.31	76.66
26 56 26 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	909.32	81.17
26 56 26 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	918.34	85.68
26 56 26 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	858.87	90.19
26 56 26 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	900.31	76.66
26 56 26 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	909.32	81.17
26 56 26 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	918.34	85.68
26 56 26 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	892.90	90.19
26 56 26 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 56 26 00-0038)*		
26 56 26 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	868.71	76.66
26 56 26 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	877.72	81.17
26 56 26 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	886.74	85.68
26 56 26 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	827.26	90.19
26 56 26 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	868.71	76.66
26 56 26 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	877.72	81.17
26 56 26 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	886.74	85.68
26 56 26 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	827.26	90.19
26 56 26 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	868.71	76.66
26 56 26 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	877.72	81.17
26 56 26 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	886.74	85.68
26 56 26 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	827.26	90.19
26 56 26 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 56 26 00-0002)*		
26 56 26 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 56 26 00-0065)*		
26 56 26 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	856.08	76.66
26 56 26 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	865.09	81.17
26 56 26 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	874.11	85.68
26 56 26 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	815.56	90.19
26 56 26 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	856.08	76.66
26 56 26 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	865.09	81.17
26 56 26 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	874.11	85.68
26 56 26 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	815.56	90.19
26 56 26 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	856.08	76.66
26 56 26 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	865.09	81.17
26 56 26 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	874.11	85.68
26 56 26 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	815.56	90.19
26 56 26 00-0079		Round, Compact Fluorescent, Aluminum Architectural Bollards *(26 56 26 00-0065)*		
26 56 26 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	825.16	76.66
26 56 26 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	834.17	81.17
26 56 26 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	843.19	85.68
26 56 26 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	785.24	90.19
26 56 26 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	825.16	76.66
26 56 26 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	834.17	81.17
26 56 26 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	843.19	85.68
26 56 26 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	785.24	90.19
26 56 26 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	825.16	76.66
26 56 26 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	834.17	81.17
26 56 26 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	843.19	85.68
26 56 26 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	785.24	90.19
26 56 26 00-0092		LED, Aluminum Architectural Bollards *(26 56 26 00-0002)*		
26 56 26 00-0093		Square, LED, Aluminum Architectural Bollards *(26 56 26 00-0092)*		
26 56 26 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,016.61	76.66
26 56 26 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,025.62	81.17
26 56 26 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,034.64	85.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 26 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	976.95	90.19
26 56 26 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,231.83	76.66
26 56 26 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,240.84	81.17
26 56 26 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,249.86	85.68
26 56 26 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,191.11	90.19
26 56 26 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 56 26 00-0092)*		
26 56 26 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	984.50	76.66
26 56 26 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	993.51	81.17
26 56 26 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	1,002.53	85.68
26 56 26 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	943.77	90.19
26 56 26 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,199.73	76.66
26 56 26 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,208.74	81.17
26 56 26 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,217.76	85.68
26 56 26 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,159.38	90.19
26 56 26 00-0111		**Reinforced Concrete Bollards** *(26 56 26 00-0001)*		
26 56 26 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	935.51	225.46
26 56 26 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	1,590.82	300.59
26 56 26 00-0114		**Low Voltage** *(26 56 26)*		
26 56 26 00-0115	EA	Low Voltage Recessed Uplight	772.02	164.14
26 56 26 00-0116	EA	Low Voltage Walkway	580.46	90.19
26 56 26 00-0117	EA	Low Voltage Malibu - 5 Light Set	531.79	120.40
26 56 26 00-0118	EA	Low Voltage Mushroom 24" Pier	478.62	90.19
26 56 26 00-0119		**Recessed, Adjustable** *(26 56 26)*		
26 56 26 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	965.09	144.30
26 56 26 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	1,074.21	144.30
26 56 26 00-0122		**Recessed, Uplight** *(26 56 26)*		
26 56 26 00-0123	EA	50 Watt Incandescent Recessed Uplight	841.43	144.30
26 56 26 00-0124	EA	150 Watt Incandescent Recessed Uplight	863.25	144.30
26 56 26 00-0125	EA	300 Watt Incandescent Recessed Uplight	928.72	144.30
26 56 26 00-0126	EA	500 Watt Quartz Recessed Uplight	921.44	144.30
26 56 26 00-0127	EA	5 Watt LED Recessed Uplight	681.38	144.30
26 56 26 00-0128	EA	15 Watt LED Recessed Uplight	741.33	144.30
26 56 26 00-0129		**Recessed Wall Light** *(26 56 26)*		
26 56 26 00-0130	EA	100 Watt Incandescent Recessed Wall Light	413.15	90.19
26 56 26 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	391.33	90.19
26 56 26 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	670.00	120.40
26 56 26 00-0133		**Step Lights** *(26 56 26)*		
26 56 26 00-0134	EA	Incandescent Step Light	340.66	72.15
26 56 26 00-0135	EA	Fluorescent Step Light	413.45	72.15
26 56 26 00-0136	EA	5 Watt LED Step Light	370.11	72.15
26 56 26 00-0137	EA	15 Watt LED Step Light	434.06	72.15
26 56 26 00-0138		**Tree Lights, Surface Adjustable** *(26 56 26)*		
26 56 26 00-0139	EA	50 Watt Incandescent Tree Lights	764.57	120.40
26 56 26 00-0140	EA	100 Watt Incandescent Tree Lights	786.39	120.40
26 56 26 00-0141	EA	150 Watt Incandescent Tree Lights	942.69	180.37
26 56 26 00-0142		**Underwater Lights** *(26 56 26)*		
26 56 26 00-0143	EA	150 Watt, 120 Volt Underwater Lights	680.09	59.97
26 56 26 00-0144	EA	300 Watt, 120 Volt Underwater Lights	767.38	59.97
26 56 26 00-0145	EA	1,000 Watt, 120 Volt Underwater Lights	1,962.60	90.19
26 56 26 00-0146	EA	50 Watt, 12 Volt Underwater Lights	716.46	59.97
26 56 26 00-0147	EA	300 Watt, 12 Volt Underwater Lights	818.30	59.97
26 56 26 00-0148	EA	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	2,125.07	135.28
26 56 33		**Walkway Lighting** *(26 56)*		
26 56 33 00-0001		**Incandescent Walkway** *(26 56 33)*		
26 56 33 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	429.77	83.87
26 56 33 00-0003		**Metal Halide Walkway** *(26 56 33)*		
26 56 33 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	657.64	131.85
26 56 33 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	701.50	136.63
26 56 33 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	765.91	141.86
26 56 33 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	817.62	153.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 33 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	719.98	141.86
26 56 33 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	746.01	131.85
26 56 33 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	756.64	136.63
26 56 33 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	624.27	93.97
26 56 33 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	670.21	93.97
26 56 33 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	716.14	93.97
26 56 33 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	808.86	105.79
26 56 33 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	605.27	84.41

26 56 33 00-0016 High Pressure Sodium Walkway *(26 56 33)*

26 56 33 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	571.47	131.85
26 56 33 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	607.83	136.63
26 56 33 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	660.40	141.86
26 56 33 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	705.87	153.32
26 56 33 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	624.52	141.86
26 56 33 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	640.50	131.85
26 56 33 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	650.91	136.63
26 56 33 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	528.81	93.97
26 56 33 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	564.70	93.97
26 56 33 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	600.59	93.97
26 56 33 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	678.24	105.79
26 56 33 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	509.81	84.41

26 56 33 00-0029 Walkway, Adjustable *(26 56 33)*

26 56 33 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	626.08	120.40
26 56 33 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	648.75	120.40
26 56 33 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,161.51	180.37
26 56 33 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	542.98	90.19
26 56 33 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	573.20	90.19

26 56 33 00-0035 LED Walkway *(26 56 33)*

26 56 33 00-0036 LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 56 33 00-0035)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 33 00-0037	EA	13" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	579.52	69.25
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 33 00-0038	EA	18" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	597.37	69.25
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 33 00-0039	EA	36" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	628.87	69.25
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 33 00-0040	EA	42" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	653.02	69.25
		For Multi-Level Drive Currents, Add	*147.00*	
26 56 33 00-0041	EA	96" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	754.26	89.04
		For Multi-Level Drive Currents, Add	*147.00*	

26 56 36 Flood Lighting *(26 56)*

26 56 36 00-0001 General Electric Powerflood® Flood Lights *(26 56 36)*

26 56 36 00-0002 MPF (Small Size) Series GE Flood Lights *(26 56 36 00-0001)*

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 56 36 00-0003 High Pressure Sodium MPF Series GE Flood Lights *(26 56 36 00-0002)*

26 56 36 00-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	237.35	74.30
26 56 36 00-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	239.12	74.30
26 56 36 00-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	242.08	74.30

26 56 36 00-0007 Metal Halide MPF Series GE Flood Lights *(26 56 36 00-0002)*

26 56 36 00-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	307.76	74.30

26 56 36 00-0009 P-154 (Small Size) Series GE Flood Lights *(26 56 36 00-0001)*

Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 56 36 00-0010 High Pressure Sodium P-154 Series GE Flood Lights *(26 56 36 00-0009)*

26 56 36 00-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	453.14	99.06
26 56 36 00-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	455.51	99.06
26 56 36 00-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	459.65	99.06
26 56 36 00-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	506.40	99.06
26 56 36 00-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	520.00	99.06

26 56 36 00-0016 Metal Halide P-154 Series GE Flood Lights *(26 56 36 00-0009)*

26 56 36 00-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	449.00	99.06
26 56 36 00-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	469.71	99.06
26 56 36 00-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	480.36	99.06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0020		PF-154 (Medium Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 56 36 00-0020)*		
26 56 36 00-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	467.85	111.44
26 56 36 00-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	470.81	111.44
26 56 36 00-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	475.55	111.44
26 56 36 00-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	521.70	111.44
26 56 36 00-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	534.72	111.44
26 56 36 00-0027		Metal Halide PF-154 GE Flood Lights *(26 56 36 00-0020)*		
26 56 36 00-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	464.30	111.44
26 56 36 00-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	484.42	111.44
26 56 36 00-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	495.07	111.44
26 56 36 00-0031		PF-400 (Medium Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0032		High Pressure Sodium PF-400 Series GE Flood Lights *(26 56 36 00-0031)*		
26 56 36 00-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	607.49	111.44
26 56 36 00-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	648.91	111.44
26 56 36 00-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	645.96	111.44
26 56 36 00-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	660.75	111.44
26 56 36 00-0037		Metal Halide PF-400 GE Flood Lights *(26 56 36 00-0031)*		
26 56 36 00-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	622.88	111.44
26 56 36 00-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	635.30	111.44
26 56 36 00-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	648.32	111.44
26 56 36 00-0041		PF-1000 (Large Size) Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0042		High Pressure Sodium PF-154 Series GE Flood Lights *(26 56 36 00-0041)*		
26 56 36 00-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	809.17	123.83
26 56 36 00-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	809.17	123.83
26 56 36 00-0045		Metal Halide PF-1000 Series GE Flood Lights *(26 56 36 00-0041)*		
26 56 36 00-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	774.85	123.83
26 56 36 00-0047		HLU/VLU (Medium Size) FRP Series GE Flood Lights *(26 56 36 00-0001)* Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0048		High Pressure Sodium HLU/VLU FRP Series GE Flood Lights *(26 56 36 00-0047)*		
26 56 36 00-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	664.30	111.44
26 56 36 00-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	675.54	111.44
26 56 36 00-0051		Metal Halide HLU/VLU Series GE Flood Lights *(26 56 36 00-0047)*		
26 56 36 00-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	670.81	111.44
26 56 36 00-0053		Accessories For Powerflood GE Flood Lights *(26 56 36 00-0001)*		
26 56 36 00-0054	EA	Wireguard For Powerflood GE Flood Light	117.58	24.76
26 56 36 00-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	73.79	24.76
26 56 36 00-0056	EA	Top Visor For Powerflood Flood Light	101.01	24.76
26 56 36 00-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	80.30	24.76
26 56 36 00-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	208.94	74.30
26 56 36 00-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	86.81	24.76
26 56 36 00-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	164.57	74.30
26 56 36 00-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	169.89	74.30
26 56 36 00-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	68.46	24.76
26 56 36 00-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	66.69	24.76
26 56 36 00-0064		Lithonia Contour Series Flood Lights *(26 56 36)*		
26 56 36 00-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 56 36 00-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0066		**High Pressure Sodium TFM Series Lithonia Flood Lights** *(26 56 36 00-0065)*		
26 56 36 00-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	421.64	99.06
26 56 36 00-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	455.81	99.06
26 56 36 00-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	489.26	99.06
26 56 36 00-0070		**Metal Halide TFM Series Lithonia Flood Lights** *(26 56 36 00-0065)*		
26 56 36 00-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	531.01	99.06
26 56 36 00-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	522.79	99.06
26 56 36 00-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	509.53	99.06
26 56 36 00-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	508.55	99.06
26 56 36 00-0075		**Compact Fluorescent TFM Series Lithonia Flood Lights** *(26 56 36 00-0065)*		
26 56 36 00-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	527.60	99.06
26 56 36 00-0077		**TFL (Medium Size) Series Lithonia Flood Lights** *(26 56 36 00-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0078		**High Pressure Sodium TFL Series Lithonia Flood Lights** *(26 56 36 00-0077)*		
26 56 36 00-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	624.44	111.44
26 56 36 00-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	635.84	111.44
26 56 36 00-0081		**Metal Halide TFL Series Lithonia Flood Lights** *(26 56 36 00-0077)*		
26 56 36 00-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	598.83	111.44
26 56 36 00-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	598.83	111.44
26 56 36 00-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	616.70	111.44
26 56 36 00-0085		**TFR (Low Profile) Series Lithonia Flood Lights** *(26 56 36 00-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0086		**High Pressure Sodium TFR Lithonia Flood Lights** *(26 56 36 00-0085)*		
26 56 36 00-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	593.99	99.06
26 56 36 00-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	611.04	99.06
26 56 36 00-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	625.29	99.06
26 56 36 00-0090		**Metal Halide TFR Lithonia Flood Lights** *(26 56 36 00-0085)*		
26 56 36 00-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	588.29	99.06
26 56 36 00-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	605.36	99.06
26 56 36 00-0093		**TFA (Large Size) Series Lithonia Flood Lights** *(26 56 36 00-0064)* Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0094		**High Pressure Sodium TFA Series Lithonia Flood Lights** *(26 56 36 00-0093)*		
26 56 36 00-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,116.12	123.83
26 56 36 00-0096		**Metal Halide TFA Series Lithonia Flood Lights** *(26 56 36 00-0093)*		
26 56 36 00-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	874.08	123.83
26 56 36 00-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	959.50	123.83
26 56 36 00-0099		**Accessories For Contour Series Lithonia Flood Lights** *(26 56 36 00-0064)*		
26 56 36 00-0100	EA	Wireguard For Contour Series Lithonia Flood Light	103.22	24.76
26 56 36 00-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	187.06	24.76
26 56 36 00-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	87.40	24.76
26 56 36 00-0103	EA	Full Visor For Contour Series Lithonia Flood Light	113.02	24.76
26 56 36 00-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	262.47	74.30
26 56 36 00-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	217.13	74.30
26 56 36 00-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	217.13	74.30
26 56 36 00-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	235.21	74.30
26 56 36 00-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	99.33	24.76
26 56 36 00-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	81.96	24.76
26 56 36 00-0110		**Ruud Flood Lights** *(26 56 36)*		
26 56 36 00-0111		**NS (Micro) Series Ruud Flood Lights** *(26 56 36 00-0110)* Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 56 36 00-0112		**High Pressure Sodium NS Series Ruud Flood Lights** *(26 56 36 00-0111)*		
26 56 36 00-0113	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	282.31	74.30
26 56 36 00-0114	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	282.31	74.30
26 56 36 00-0115	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	282.31	74.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0116	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	282.31	74.30
26 56 36 00-0117	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	282.31	74.30
26 56 36 00-0118		Metal Halide NS Series Ruud Flood Lights *(26 56 36 00-0111)*		
26 56 36 00-0119	EA	50 Watt Metal Halide NS Series Ruud Flood Light	315.45	74.30
26 56 36 00-0120	EA	70 Watt Metal Halide NS Series Ruud Flood Light	315.45	74.30
26 56 36 00-0121	EA	100 Watt Metal Halide NS Series Ruud Flood Light	315.45	74.30
26 56 36 00-0122		Compact Fluorescent NS Series Ruud Flood Lights *(26 56 36 00-0111)*		
26 56 36 00-0123	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	248.00	74.30
26 56 36 00-0124	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	256.28	74.30
26 56 36 00-0125	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	258.65	74.30
26 56 36 00-0126	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	261.01	74.30
26 56 36 00-0127		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 56 36 00-0110)*		
		Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 56 36 00-0128		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 56 36 00-0127)*		
26 56 36 00-0129	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	433.54	111.44
26 56 36 00-0130	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	454.84	111.44
26 56 36 00-0131	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	466.67	111.44
26 56 36 00-0132		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 56 36 00-0127)*		
26 56 36 00-0133	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	428.80	111.44
26 56 36 00-0134	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	431.17	111.44
26 56 36 00-0135	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	438.27	111.44
26 56 36 00-0136		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 56 36 00-0127)*		
26 56 36 00-0137	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	420.52	111.44
26 56 36 00-0138		FS (Square) Series Ruud Flood Lights *(26 56 36 00-0110)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0139		High Pressure Sodium FS Series Ruud Flood Lights *(26 56 36 00-0138)*		
26 56 36 00-0140	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	496.26	111.44
26 56 36 00-0141	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	498.62	111.44
26 56 36 00-0142	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	809.77	123.83
26 56 36 00-0143		Metal Halide FS Series Ruud Flood Lights *(26 56 36 00-0138)*		
26 56 36 00-0144	EA	175 Watt Metal Halide FS Series Ruud Flood Light	496.26	111.44
26 56 36 00-0145	EA	250 Watt Metal Halide FS Series Ruud Flood Light	498.62	111.44
26 56 36 00-0146	EA	400 Watt Metal Halide FS Series Ruud Flood Light	505.72	111.44
26 56 36 00-0147	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	731.66	123.83
26 56 36 00-0148		MFS (Mini Square) Series Ruud Flood Lights *(26 56 36 00-0110)*		
		Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0149		High Pressure Sodium MFS Series Ruud Flood Lights *(26 56 36 00-0148)*		
26 56 36 00-0150	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	395.75	99.06
26 56 36 00-0151	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	420.60	99.06
26 56 36 00-0152	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	420.60	99.06
26 56 36 00-0153	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	420.60	99.06
26 56 36 00-0154	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	420.60	99.06
26 56 36 00-0155		Metal Halide MFS Series Ruud Flood Lights *(26 56 36 00-0148)*		
26 56 36 00-0156	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	428.88	99.06
26 56 36 00-0157	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	428.88	99.06
26 56 36 00-0158	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	428.88	99.06
26 56 36 00-0159	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	415.87	99.06
26 56 36 00-0160		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 56 36 00-0110)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0161		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 56 36 00-0160)*		
26 56 36 00-0162	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	425.33	99.06
26 56 36 00-0163	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	450.18	99.06
26 56 36 00-0164	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	450.18	99.06
26 56 36 00-0165	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	450.18	99.06
26 56 36 00-0166	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	450.18	99.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0167		**Metal Halide MCF/MPM/MPN Series Ruud Flood Lights** *(26 56 36 00-0160)*		
26 56 36 00-0168	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	458.47	99.06
26 56 36 00-0169	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	458.47	99.06
26 56 36 00-0170	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	458.47	99.06
26 56 36 00-0171	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	445.45	99.06
26 56 36 00-0172		**CF (Cutoff Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 56 36 00-0173		**High Pressure Sodium CF Series Ruud Flood Lights** *(26 56 36 00-0172)*		
26 56 36 00-0174	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	551.88	111.44
26 56 36 00-0175	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	563.71	111.44
26 56 36 00-0176	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	839.35	123.83
26 56 36 00-0177		**Metal Halide CF Series Ruud Flood Lights** *(26 56 36 00-0172)*		
26 56 36 00-0178	EA	175 Watt Metal Halide CF Series Ruud Flood Light	525.84	111.44
26 56 36 00-0179	EA	250 Watt Metal Halide CF Series Ruud Flood Light	528.21	111.44
26 56 36 00-0180	EA	400 Watt Metal Halide CF Series Ruud Flood Light	535.31	111.44
26 56 36 00-0181	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	761.25	123.83
26 56 36 00-0182		**CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 56 36 00-0183		**High Pressure Sodium CN Series Ruud Flood Lights** *(26 56 36 00-0182)*		
26 56 36 00-0184	EA	400 High Pressure Sodium CN Series Ruud Flood Light	702.08	123.83
26 56 36 00-0185	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	825.15	123.83
26 56 36 00-0186		**Metal Halide CN Series Ruud Flood Lights** *(26 56 36 00-0182)*		
26 56 36 00-0187	EA	400 Watt Metal Halide CN Series Ruud Flood Light	673.67	123.83
26 56 36 00-0188	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	747.04	123.83
26 56 36 00-0189		**PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights** *(26 56 36 00-0110)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0190		**High Pressure Sodium PM/PN Series Ruud Flood Lights** *(26 56 36 00-0189)*		
26 56 36 00-0191	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	568.44	111.44
26 56 36 00-0192	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	580.28	111.44
26 56 36 00-0193		**Metal Halide PM/PN Series Ruud Flood Lights** *(26 56 36 00-0189)*		
26 56 36 00-0194	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	542.41	111.44
26 56 36 00-0195	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	544.77	111.44
26 56 36 00-0196	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	551.88	111.44
26 56 36 00-0197	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	777.81	123.83
26 56 36 00-0198		**Accessories For Ruud Flood Lighting** *(26 56 36 00-0110)*		
26 56 36 00-0199	EA	Wireguard For Rudd Flood Light	67.28	24.76
26 56 36 00-0200	EA	Deep Baffle (Full Visor) For Rudd Flood Light	99.23	24.76
26 56 36 00-0201	EA	Glare Guard (Upper Visor) For Rudd Flood Light	75.56	24.76
26 56 36 00-0202	EA	Vandal Shield For Rudd Flood Light	87.40	24.76
26 56 36 00-0203	EA	Pipe Mounting Bracket For Ruud Flood Light	188.83	74.30
26 56 36 00-0204	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	60.18	24.76
26 56 36 00-0205		**Lumark Flood Lights** *(26 56 36)*		
26 56 36 00-0206		**QZ Wedge Series Quartz Lumark Flood Lights** *(26 56 36 00-0205)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0207	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	172.79	74.30
26 56 36 00-0208		**LQL Series Quartz Lumark Flood Lights** *(26 56 36 00-0205)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0209	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	207.70	74.30
26 56 36 00-0210		**Kim Lighting** *(26 56 36)*		
26 56 36 00-0211		**MicroFlood® Series Kim Lighting Flood Lights** *(26 56 36 00-0210)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0212		**LED MicroFlood® Series Kim Lighting Flood Lights** *(26 56 36 00-0211)*		
26 56 36 00-0213	EA	5 Watt LED MicroFlood® Series Kim Lighting Flood Light	296.18	31.61
26 56 36 00-0214	EA	15 Watt LED MicroFlood® Series Kim Lighting Flood Light	361.84	31.61

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0215		Scarab® Series Kim Lighting Flood Lights *(26 56 36 00-0210)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0216		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 56 36 00-0215)* Note: Spot or narrow style accent flood lights.		
26 56 36 00-0217	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light	442.61	31.61
26 56 36 00-0218		CREE® BetaLED® Flood Lights *(26 56 36)*		
26 56 36 00-0219		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 56 36 00-0218)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0220	EA	40 LEDs, 47 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	754.53	89.57
26 56 36 00-0221	EA	60 LEDs, 68 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	825.38	94.54
26 56 36 00-0222		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 56 36 00-0218)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0223	EA	20 LEDs, 26 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	657.43	84.59
		For 480 Volt, Add	*55.20*	
26 56 36 00-0224	EA	40 LEDs, 47 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	821.73	89.57
		For 480 Volt, Add	*55.20*	
26 56 36 00-0225	EA	60 LEDs, 68 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	986.03	94.54
		For 480 Volt, Add	*55.20*	
26 56 36 00-0226	EA	80 LEDs, 90 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,212.29	99.51
		For 480 Volt, Add	*55.20*	
26 56 36 00-0227	EA	100 LEDs, 111 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,376.58	104.50
		For 480 Volt, Add	*55.20*	
26 56 36 00-0228	EA	120 LEDs, 132 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,540.89	109.47
		For 480 Volt, Add	*55.20*	
26 56 36 00-0229	EA	140 LEDs, 157 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,754.54	114.44
		For 480 Volt, Add	*55.20*	
26 56 36 00-0230	EA	160 LEDs, 179 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,918.85	119.42
		For 480 Volt, Add	*55.20*	
26 56 36 00-0231		Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 56 36 00-0218)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0232	EA	120 LEDs, 267 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	1,478.94	109.47
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Bird Spikes, Add	*30.46*	
		For 5,000K Color Temperature, Add	*30.96*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For 480 Volt, Add	*55.73*	
		For Multi-Level, Add	*80.49*	
		For 1,000mA Driver, Add	*104.02*	
26 56 36 00-0233	EA	240 LEDs, 533 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,490.93	134.35
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For 5,000K Color Temperature, Add	*30.96*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Bird Spikes, Add	*44.66*	
		For Multi-Level, Add	*80.49*	
		For 1,000mA Driver, Add	*104.02*	
		For 480 Volt, Add	*111.45*	
26 56 36 00-0234		Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 56 36 00-0218)* Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0235	EA	112 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL) (DLC Certified)	882.10	109.47
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Front Facing Optics, Back Light Shield, Add	*23.95*	
		For Rotated Optics, Back Light Shield, Add	*23.95*	
		For Field Adjustable Output, Add	*18.58*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Multi-Level, Add	*80.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0236	EA	168 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) (DLC Certified)	940.62	109.47
		Note: Type III, IV or V medium optics only.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Front Facing Optics, Back Light Shield, Add	*23.95*	
		For Rotated Optics, Back Light Shield, Add	*23.95*	
		For Field Adjustable Output, Add	*18.58*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Type II Medium Or Type V Short Optics, Add	*93.65*	
		For Multi-Level, Add	*80.49*	
26 56 36 00-0237	EA	223 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL) (DLC Certified)	1,204.92	134.35
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*12.38*	
		For Field Adjustable Output, Add	*18.58*	
		For Front Facing Optics, Back Light Shield, Add	*29.04*	
		For Rotated Optics, Back Light Shield, Add	*29.04*	
		For Fuse, Add	*37.15*	
		For 0 To 10 Volt Dimming, Add	*37.15*	
		For Multi-Level, Add	*80.49*	
26 56 36 00-0238		PlanLED Flood Lights *(26 56 36)*		
26 56 36 00-0239		Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 56 36 00-0238)*		
26 56 36 00-0240	EA	6,250 Lumens, 50 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	391.35	89.57
26 56 36 00-0241	EA	9,375 Lumens, 75 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	461.16	94.54
26 56 36 00-0242	EA	12,500 Lumens, 100 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	528.33	102.01
26 56 36 00-0243		Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 56 36 00-0238)*		
26 56 36 00-0244	EA	21,000 Lumens, 200 System Watts, LED Sports Flood Light (PlanLED SUFA SF200)	1,067.39	199.04
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 56 36 00-0245	EA	42,000 Lumens, 400 System Watts, LED Sports Flood Light (PlanLED SUFA SF400)	1,595.23	199.04
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 56 36 00-0246	EA	84,000 Lumens, 800 System Watts, LED Sports Flood Light (PlanLED SUFA SF800)	2,731.44	199.04
		For 0 To 10 Volt Dimming, Add	*46.65*	
26 56 36 00-0247		Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 56 36 00-0238)*		
26 56 36 00-0248	EA	26,000 Lumens, 200 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	919.36	129.38
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*-18.43*	
26 56 36 00-0249	EA	39,000 Lumens, 300 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	1,160.04	134.35
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*56.28*	
26 56 36 00-0250	EA	52,000 Lumens, 400 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	1,462.75	139.32
		For 0 To 10 Volt Dimming, Add	*46.65*	
		For 480 Volt, Add	*45.22*	
26 56 39		**Hazardous Location Flood Lights** ***(26 56)***		
		Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.		
26 56 39 00-0001		Lithonia Hazardous Location Flood Lights *(26 56 39)*		
26 56 39 00-0002		HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 56 39 00-0001)*		
		Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0003		High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 56 39 00-0002)*		
26 56 39 00-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	589.01	99.06
26 56 39 00-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	625.69	99.06
26 56 39 00-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	590.19	99.06
26 56 39 00-0007		Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0002)*		
26 56 39 00-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	621.78	99.06
26 56 39 00-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	604.39	99.06
26 56 39 00-0010		HFM (Medium Base) Series Hazardous Location Flood Lights *(26 56 39 00-0001)*		
		Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0010)*		
26 56 39 00-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	563.79	99.06
26 56 39 00-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	585.68	99.06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 39 00-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0010)*		
26 56 39 00-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	504.62	99.06
26 56 39 00-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 56 39 00-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0016)*		
26 56 39 00-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	788.46	123.83
26 56 39 00-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	799.11	123.83
26 56 39 00-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0016)*		
26 56 39 00-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	784.91	123.83
26 56 39 00-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	799.11	123.83
26 56 39 00-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 56 39 00-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 56 39 00-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0023)*		
26 56 39 00-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	595.66	111.44
26 56 39 00-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 56 39 00-0023)*		
26 56 39 00-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	637.08	111.44
26 56 39 00-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 56 39 00-0001)* See CSI section 26 56 36 00-0099 for accessories.		
26 56 43		**High Performance Flood Lights** ***(26 56)*** Note: For airport aprons and parking areas.		
26 56 43 00-0001		Lithonia High Performance Flood Lights *(26 56 43)*		
26 56 43 00-0002		170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 56 43 00-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0002)*		
26 56 43 00-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,325.55	148.59
26 56 43 00-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,422.59	148.59
26 56 43 00-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,427.33	148.59
26 56 43 00-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,575.25	148.59
26 56 43 00-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 56 43 00-0002)*		
26 56 43 00-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,513.72	148.59
26 56 43 00-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,448.10	148.59
26 56 43 00-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,385.91	148.59
26 56 43 00-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,447.44	148.59
26 56 43 00-0013		Accessories For Lithonia High Performance Flood Lights *(26 56 43 00-0002)* See CSI section 26 56 36 00-0099 for accessories.		

END OF SECTION 26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	598.07	92.31
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	773.49	123.11
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	1,214.44	184.62
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	7.26	1.35
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	57.30	24.39
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	166.46	24.39
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	196.78	24.39
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap	41.65	4.52
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug	16.28	4.52
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug	17.17	4.52
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block	18.83	4.52

27 05 29 Hangers And Supports For Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	6.32	2.26
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.54*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
		For Painted Powder Coated Finish, Add	*0.37*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	6.60	2.26
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.56*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
		For Painted Powder Coated Finish, Add	*1.28*	
		For Low Friction Xylan® Coated Finish, Add	*4.58*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	7.03	2.26
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.61*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
		For Painted Powder Coated Finish, Add	*1.58*	
		For Low Friction Xylan® Coated Finish, Add	*5.69*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	10.78	2.26
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-1.98*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
		For Painted Powder Coated Finish, Add	*0.84*	
		For Low Friction Xylan® Coated Finish, Add	*5.04*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	6.98	2.26
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.60*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	8.66	2.26
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.77*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	9.48	2.26
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.85*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	12.42	2.26
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.15*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.23*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	7.29	2.26
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.11*	
		For >500, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	8.42	2.26
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.75*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	9.00	2.26
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.24*	
		For >500, Deduct	*-1.80*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	11.77	2.26
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-2.08*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	8.52	2.26
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	10.42	2.26
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.95*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	10.92	2.26
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	7.14	2.26
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	7.40	2.26
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	8.72	2.26
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	8.57	2.26
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	9.18	2.26
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.25*	
		For >500, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	12.25	2.26
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.13*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	8.48	2.26
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.75*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	9.58	2.26
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.86*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	10.16	2.26
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.92*	
		For Work In Restricted Working Space, Add	*1.36*	
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	13.36	2.26
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-2.24*	
		For Work In Restricted Working Space, Add	*1.36*	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	23.09	2.98
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.86*	
		For >500, Deduct	*-4.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*2.36*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	23.50	2.98
		For >50 To 100, Deduct	*-0.81*	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-4.15*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	25.64	2.98
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.37*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	23.02	2.98
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-4.11*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	24.01	2.98
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.93*	
		For >500, Deduct	*-4.21*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	24.99	2.98
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-3.00*	
		For >500, Deduct	*-4.30*	
		For Work In Restricted Working Space, Add	*2.71*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	23.68	2.98
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.90*	
		For >500, Deduct	*-4.17*	
		For Work In Restricted Working Space, Add	*2.71*	

27 05 33 Conduits And Backboxes For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts And Raceways For Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles For Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification For Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes testing.

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, And Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard	67.14	23.45
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*43.67*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard	134.27	46.90
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*87.34*	

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	239.61	67.64
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	297.85	74.40
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	342.75	85.68
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	355.48	87.93

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	427.08	90.19
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	524.26	101.46
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	534.64	99.20
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	692.72	141.32
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	742.87	155.30
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	887.17	164.05
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	732.63	135.28
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	792.42	146.55
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	990.21	187.86
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,193.09	234.84
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,337.98	232.23
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,543.73	282.55

27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	439.49	144.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*7.55*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	604.41	153.32
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*14.89*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	652.53	162.33
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*16.39*	

27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	564.58	126.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*15.60*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	615.84	128.51
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.94*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	615.32	130.77
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.69*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	631.00	133.02
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.25*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	646.51	135.28
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.80*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	663.28	137.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.41*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	567.77	139.79
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*14.41*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	695.87	142.04
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.59*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	720.18	144.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.58*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	741.44	146.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.42*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	746.79	148.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.46*	

27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	596.60	126.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.20*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	617.03	128.51
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.00*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	635.04	130.77
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.68*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	668.50	133.02
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.12*	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	685.12	135.28
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.73*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	703.16	137.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.40*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	608.12	139.79
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*16.43*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	738.20	142.04
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.71*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	764.51	144.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.80*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	787.52	146.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.72*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	792.95	148.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.77*	

27 11 16 00-0054 35" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	739.40	135.28
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	778.33	139.79
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.94*	

27 11 16 00-0057 UL Listed Universal Equipment Racks *(27 11 16 00-0028)*

Note: UL listed as a communications circuit accessory.

27 11 16 00-0058 19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	595.79	126.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.16*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	643.16	128.51
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.31*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	653.04	130.77
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.58*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	667.52	133.02
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.07*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	684.09	135.28
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.68*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	702.09	137.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.35*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	719.39	139.79
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.99*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	737.07	142.04
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.65*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	763.35	144.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.74*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	786.30	146.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.66*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	791.67	148.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.70*	

27 11 16 00-0070 23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	631.04	126.26
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.93*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	690.97	128.51
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.70*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	699.84	130.77
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.92*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	708.74	133.02
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.13*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	726.56	135.28
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.80*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	745.98	137.53
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.55*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	764.57	139.79
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.25*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	783.60	142.04
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.98*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	812.09	144.30
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.18*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	836.97	146.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.19*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	842.56	148.81
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.25*	

27 11 16 00-0082 4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)*

27 11 16 00-0083 4-Post Equipment Racks *(27 11 16 00-0082)*

27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,200.86	225.46
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*37.50*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,309.91	234.48
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*42.05*	
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,412.83	243.50
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*46.29*	

27 11 16 00-0087 4-Post Server Frame *(27 11 16 00-0082)*

27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,233.85	225.46
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*39.15*	

27 11 16 00-0089 Cable Managers *(27 11 16 00-0021)*

27 11 16 00-0090 Horizontal Cable Managers *(27 11 16 00-0089)*

27 11 16 00-0091 Single-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*

27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	69.08	9.02
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	76.82	9.02
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	57.82	9.02
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	70.24	9.02
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	82.23	9.02
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	63.94	9.02
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	94.39	9.02
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	107.32	9.02
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	76.18	9.02

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0101		Double-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	85.58	9.02
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	95.78	9.02
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	90.00	9.02
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	104.61	9.02
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	116.19	9.02
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	130.01	9.02
27 11 16 00-0108		Vertical Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0109		Single-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	154.05	13.53
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	216.78	13.53
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	348.36	13.53
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	394.26	13.53
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	164.76	13.53
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	233.61	13.53
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	378.96	13.53
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	424.86	13.53
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	186.18	13.53
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	256.56	13.53
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	424.86	13.53
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	470.76	13.53
27 11 16 00-0122		Double-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	222.90	13.53
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	262.68	13.53
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	424.86	13.53
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	501.36	13.53
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	241.26	13.53
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	281.04	13.53
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	455.46	13.53
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	531.96	13.53
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	265.74	13.53
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	305.52	13.53
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	501.36	13.53
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	577.86	13.53
27 11 16 00-0135		Accessories For Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	94.54	9.02
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	100.66	9.02
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	106.78	9.02
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	97.60	9.02
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	106.78	9.02
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	115.96	9.02
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	109.84	9.02
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	119.02	9.02
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	128.20	9.02
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	115.96	9.02
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	128.20	9.02
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	137.38	9.02
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	79.24	9.02
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	91.48	9.02
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	95.61	9.02
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	60.88	9.02

27 11 19 Communications Termination Blocks And Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 27 14 43 00-0074 for labeling.

27 11 19 00-0001		Computer Network Components *(27 11 19)*		
27 11 19 00-0002		Ethernet Patch Panels *(27 11 19 00-0001)*		
27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	182.98	45.09
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	262.14	45.09
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	337.05	45.09
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	406.85	45.09
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	519.38	56.37
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	744.78	67.64
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	217.88	45.09
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	267.25	45.09
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	444.31	45.09
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	816.28	67.64
27 11 19 00-0013	EA	Up To 5 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	31.96	
27 11 19 00-0014	EA	>5 To 10 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	26.62	
27 11 19 00-0015	EA	>10 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	15.97	
27 11 19 00-0016	EA	Up To 20 Pairs, Terminate One End Of A Twisted Pair Of Wires	8.79	
27 11 19 00-0017	EA	>20 To 40 Pairs, Terminate One End Of A Twisted Pair Of Wires	7.33	
27 11 19 00-0018	EA	>40 Pairs, Terminate One End Of A Twisted Pair Of Wires	4.39	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0019		Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*		
27 11 19 00-0020		Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*		
27 11 19 00-0021		Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0020)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0022	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	97.47	20.29
27 11 19 00-0023	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	141.74	20.29
27 11 19 00-0024	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	207.25	20.29
27 11 19 00-0025	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	307.25	33.82
27 11 19 00-0026	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	423.88	33.82
27 11 19 00-0027		Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0020)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0028	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	319.20	33.82
27 11 19 00-0029	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	363.67	33.82
27 11 19 00-0030	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	390.87	33.82
27 11 19 00-0031	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	456.59	33.82
27 11 19 00-0032		Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0020)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0033	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	395.41	33.82
		For Splice Tray Bracket, Add	*41.13*	
27 11 19 00-0034	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	461.56	33.82
		For Splice Tray Bracket, Add	*44.98*	
27 11 19 00-0035	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	573.02	33.82
		For Splice Tray Bracket, Add	*163.87*	
27 11 19 00-0036		Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0020)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0037	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	499.18	33.82
27 11 19 00-0038	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	635.55	33.82
27 11 19 00-0039	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	718.23	33.82
27 11 19 00-0040	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	929.07	33.82
27 11 19 00-0041		Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0020)* Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0042	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	442.85	20.29
27 11 19 00-0043	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	614.24	33.82
27 11 19 00-0044	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	644.10	33.82
27 11 19 00-0045		Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0020)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0046	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	463.49	20.29
27 11 19 00-0047	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	613.88	33.82
27 11 19 00-0048	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	719.52	33.82
27 11 19 00-0049		Fiber Optic Cable Connector Panels *(27 11 19 00-0019)*		
27 11 19 00-0050		SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0049)*		
27 11 19 00-0051	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	61.45	4.51
27 11 19 00-0052	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	66.57	4.51
27 11 19 00-0053	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	74.53	4.51
27 11 19 00-0054	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	81.36	4.51
27 11 19 00-0055	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	100.71	4.51
27 11 19 00-0056	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	110.93	4.51
27 11 19 00-0057		SC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0049)*		
27 11 19 00-0058	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	59.18	4.51
27 11 19 00-0059	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	60.38	4.51
27 11 19 00-0060	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	71.52	4.51
27 11 19 00-0061	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	73.12	4.51
27 11 19 00-0062	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	96.20	4.51
27 11 19 00-0063	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	98.58	4.51
27 11 19 00-0064		LC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0049)*		
27 11 19 00-0065	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	63.80	4.51
27 11 19 00-0066	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	69.84	4.51
27 11 19 00-0067	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	77.67	4.51
27 11 19 00-0068	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	85.73	4.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0069	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	105.43	4.51
27 11 19 00-0070	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	117.49	4.51
27 11 19 00-0071	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	133.18	4.51
27 11 19 00-0072	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	149.26	4.51
27 11 19 00-0073	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	188.66	4.51
27 11 19 00-0074	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	194.27	4.51
27 11 19 00-0075		ST Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0049)*		
27 11 19 00-0076	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	51.30	4.51
27 11 19 00-0077	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	55.17	4.51
27 11 19 00-0078	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	61.00	4.51
27 11 19 00-0079	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	66.18	4.51
27 11 19 00-0080	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	80.40	4.51
27 11 19 00-0081	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	88.17	4.51
27 11 19 00-0082		MT-RJ, Fiber Optic Cable Connector Panels *(27 11 19 00-0049)*		
27 11 19 00-0083	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	63.44	4.51
27 11 19 00-0084	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	94.27	4.51
27 11 19 00-0085		Fiber Optic Cable Pretium Edge® Modules *(27 11 19 00-0049)*		
27 11 19 00-0086	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	536.23	4.51
27 11 19 00-0087	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	538.09	4.51
27 11 19 00-0088		Fiber Optic Cable Splice Housings *(27 11 19 00-0019)*		
27 11 19 00-0089		Wall Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0088)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0090	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	227.53	45.09
27 11 19 00-0091		Rack Mount, Fiber Optic Cable Splice Housings *(27 11 19 00-0088)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0092	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	330.74	33.82
27 11 19 00-0093	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	335.55	33.82
27 11 19 00-0094		Fiber Optic Cable Splice Trays *(27 11 19 00-0088)*		
27 11 19 00-0095	EA	Fiber Optic Cable Splice Tray	64.57	11.27
27 11 19 00-0096		Fiber Optic Cable Jumper Management Panels *(27 11 19 00-0019)* Note: Includes mounting hardware.		
27 11 19 00-0097	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	129.04	33.82
27 11 19 00-0098		Miscellaneous Accessories *(27 11 19 00-0001)*		
27 11 19 00-0099	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	47.46	
27 11 19 00-0100	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	62.77	
27 11 19 00-0101	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	68.83	
27 11 19 00-0102	EA	Wall Mount Bracket For 96 Port Patch Panel	76.83	
27 11 19 00-0103	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	298.93	45.09
27 11 19 00-0104		Telephone Components *(27 11 19)*		
27 11 19 00-0105		Terminal Blocks With Wide Range Of 22-8 AWG *(27 11 19 00-0104)*		
27 11 19 00-0106	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	24.33	9.03
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amp With Wire Range 22-8 AWG	41.46	9.03
27 11 19 00-0108	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amp With Wire Range 22-8 AWG	34.45	9.03
27 11 19 00-0109	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	19.58	9.03
27 11 19 00-0110	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	13.95	6.32
27 11 19 00-0111	EA	Ground Terminal Block With Wire Range 22-8 AWG	25.07	9.03
27 11 19 00-0112	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amp With Wire Range 22-8 AWG	19.58	9.03
27 11 19 00-0113	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amp With Wire Range 22-8 AWG	13.84	6.32
27 11 19 00-0114	EA	Flat Terminal Block Connection 300 Volt, 20 Amp With Wire Range 22-8 AWG	13.76	6.32
27 11 19 00-0115	EA	Self Lifting Terminal Block, 300 Volt, 40 Amp Wire Connection With Wire Range 22-12 AWG	14.10	6.32
27 11 19 00-0116		Terminal Block Mounting Channel *(27 11 19 00-0104)*		
27 11 19 00-0117	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	12.70	4.52
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	15.71	4.52
27 11 19 00-0119	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	20.93	4.52
27 11 19 00-0120	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	15.89	5.42
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	20.85	5.42
27 11 19 00-0122	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	28.86	5.42
27 11 19 00-0123		Outlet Termination Hardware *(27 11 19 00-0104)*		
27 11 19 00-0124	EA	Telephone Outlet Blocks	21.98	4.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0125	EA	Phone Outlet Block For Floor Box	73.93	34.27
		Note: Excludes box.		
27 11 19 00-0126	EA	Fiber Optic "SC" Type Modular Bulkhead	59.15	20.29
27 11 19 00-0127	EA	Fiber Optic "ST" Type Modular Bulkhead	59.15	20.29
27 11 19 00-0128	EA	Type "F" Coaxial Connector Male	35.57	13.53
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	84.54	22.55
27 11 19 00-0130	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	84.54	22.55
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	99.24	22.55
27 11 19 00-0132	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	99.24	22.55
27 11 19 00-0133	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	91.51	22.55
27 11 19 00-0134	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	745.34	112.73
27 11 19 00-0135	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V	40.42	9.02
		Note: Excludes cable terminations.		
27 11 19 00-0136	EA	Connecting Block, 5-Pair	2.54	0.90
27 11 19 00-0137	EA	Connecting Block, 4-Pair	2.70	0.90
27 11 19 00-0138	EA	Plastic Label Holder, Transparent	10.41	2.25
27 11 19 00-0139	EA	Marked Label, White, 5-Pair	2.95	
27 11 19 00-0140	EA	Marked Label, Blue, 4-Pair	2.95	

27 11 19 00-0141 Terminations in Manhole or Junction Box *(27 11 19 00-0104)*

27 11 19 00-0142	EA	25 Pair Cable Termination In Manhole Or Junction Box	144.30	
27 11 19 00-0143	EA	50 Pair Cable Termination In Manhole Or Junction Box	288.59	
27 11 19 00-0144	EA	100 Pair Cable Termination In Manhole Or Junction Box	577.18	
27 11 19 00-0145	EA	150 Pair Cable Termination In Manhole Or Junction Box	865.77	
27 11 19 00-0146	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,012.77	
27 11 19 00-0147	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,518.71	
27 11 19 00-0148	EA	400 Pair Cable Termination In Manhole Or Junction Box	1,910.11	
27 11 19 00-0149	EA	500 Pair Cable Termination In Manhole Or Junction Box	2,388.08	
27 11 19 00-0150	EA	750 Pair Cable Termination In Manhole Or Junction Box	3,582.11	
27 11 19 00-0151	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	4,344.15	
27 11 19 00-0152	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	4,951.17	

27 11 23 Communications Cable Management and Ladder Rack *(27 11)*

27 11 23 00-0001 Equipment Supports *(27 11 23)*

27 11 23 00-0002	EA	110 Jumper Trough (Commscope 107831133)	25.52	4.51
27 11 23 00-0003	LF	Velcro CMP	2.12	0.90
27 11 23 00-0004	EA	12" x 5'-11" Tubular Runway	76.34	21.64
27 11 23 00-0005	EA	12" x 9'-11" Tubular Runway	131.77	36.07
27 11 23 00-0006	EA	Shelf Bracket Support For Tubular Runway	24.28	6.76
27 11 23 00-0007	EA	Straight Clamp Hardware For Tubular Runway	11.24	4.51
27 11 23 00-0008	EA	Corner Clamp Hardware For Tubular Runway	11.79	4.51
27 11 23 00-0009	EA	90 Degree Edge Clamp Hardware For Tubular Runway	25.87	8.12
27 11 23 00-0010	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	53.12	13.53
27 11 23 00-0011	EA	J-Bolt Hardware For Tubular Runway	5.18	1.98
27 11 23 00-0012	EA	T Bracket Hardware For Tubular Runway	28.37	11.27

27 14 Communications Cabling *(27 10)*

27 14 13 Communications Copper Cabling *(27 14)*

27 14 13 13 Communications Copper Cable Splicing and Terminations *(27 14 13)*

27 14 13 13-0001 Modular Plugs For Copper Communications Cable *(27 14 13 13)*

27 14 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable	20.10
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	
		For >5 To 10, Deduct	*-2.70*
		For >10, Deduct	*-5.40*
27 14 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable	22.79
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	
		For >5 To 10, Deduct	*-3.04*
		For >10, Deduct	*-6.08*

27 14 13 13-0004 Communications Termination Blocks *(27 14 13 13)*

27 14 13 13-0005	EA	100-Pair, 110 Block With Legs	38.52	11.27
27 14 13 13-0006	EA	300-Pair, 110 Block With Legs	61.75	11.27
27 14 13 13-0007	EA	Clear Label Holder For 110 Wiring Block	9.47	4.51
27 14 13 13-0008	EA	4-Pair, 110C Connecting Block	5.21	2.25
27 14 13 13-0009	EA	5-Pair, 110C Connecting Block	5.30	2.25
27 14 13 13-0010	EA	100-Pair, 110 Jack Panel System	187.10	13.53
		Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 14 13 13-0011	EA	300-Pair, 110 Jack Panel System	433.67	13.53
		Note: Includes twelve 8-pin modular jacks and mounting legs.		

27 14 13 13-0012 Testing And Certification Of Copper Communications Cable *(27 14 13 13)*

Note: Use for existing systems.

27 14 13 13-0013	PR	Test 1-Pair Of A Copper Communications Cable For Continuity	4.51
		For >25-Pair, Deduct	*-1.80*
27 14 13 13-0014	PR	Certify 1-Pair Of A Copper Communications Cable	6.76
		For >25-Pair, Deduct	*-2.70*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 13-0015	PR	Certify And Document 1-Pair Of A Copper Communications Cable	10.82	
		For >25-Pair, Deduct	*-4.32*	
27 14 13 13-0016	PR	Test 4-Pair Cat 5-7 Telecommunications Cable For Continuity	18.04	
		For >25-Pair, Deduct	*-7.20*	
27 14 13 13-0017	PR	Certify 4-Pair Cat 5-7 Telecommunications Cable	27.06	
		For >25-Pair, Deduct	*-10.80*	
27 14 13 13-0018	PR	Certify And Document 4-Pair Cat 5-7 Telecommunications Cable	43.29	
		For >25-Pair, Deduct	*-17.28*	

27 14 13 13-0019 Building Entrance Terminals *(27 14 13 13)*

27 14 13 13-0020	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,371.24	197.88
27 14 13 13-0021	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,886.69	329.79
27 14 13 13-0022	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,727.72	528.08

27 14 13 16 Communications Copper Cabling *(27 14 13)*

27 14 13 16-0001 Copper Telecommunications Cable *(27 14 13 16)*

27 14 13 16-0002 Indoor Telecommunications Cable *(27 14 13 16-0001)*

Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Telecommunications cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.

27 14 13 16-0003 Category 3, Indoor Telecommunications Cable *(27 14 13 16-0002)*

Note: Un-shielded twisted pair cables (UTP).

27 14 13 16-0004 Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0003)*

27 14 13 16-0005 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*

27 14 13 16-0006 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0005)*

27 14 13 16-0007	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	712.14	378.78
27 14 13 16-0008	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	746.54	378.78
27 14 13 16-0009	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	758.58	378.78
27 14 13 16-0010	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	917.57	432.89
27 14 13 16-0011	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,170.44	432.89
27 14 13 16-0012	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,572.96	432.89
27 14 13 16-0013	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,513.65	541.10
27 14 13 16-0014	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,547.89	865.77
27 14 13 16-0015	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,166.31	973.99
27 14 13 16-0016	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,202.74	1,082.22
27 14 13 16-0017	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	11,999.91	1,515.11
27 14 13 16-0018	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,732.74	1,872.23
27 14 13 16-0019	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	24,504.82	2,597.31
27 14 13 16-0020	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	39,799.82	5,194.63
27 14 13 16-0021	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	54,105.71	7,791.95

27 14 13 16-0022 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0005)*

27 14 13 16-0023	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,343.44	757.55
27 14 13 16-0024	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,377.84	757.55
27 14 13 16-0025	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,389.88	757.55
27 14 13 16-0026	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,458.69	757.55
27 14 13 16-0027	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,711.56	757.55
27 14 13 16-0028	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,294.45	865.77
27 14 13 16-0029	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,415.50	1,082.22
27 14 13 16-0030	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	5,269.36	1,298.66
27 14 13 16-0031	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,977.98	1,460.99
27 14 13 16-0032	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,104.58	1,623.32
27 14 13 16-0033	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	13,262.49	2,272.65
27 14 13 16-0034	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,301.94	2,813.76
27 14 13 16-0035	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	26,669.25	3,895.97
27 14 13 16-0036	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	44,128.68	7,791.95
27 14 13 16-0037	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	60,599.01	11,687.93

27 14 13 16-0038 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*

27 14 13 16-0039 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0038)*

27 14 13 16-0040	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,534.02	432.89
27 14 13 16-0041	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,779.18	541.10
27 14 13 16-0042	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,907.28	865.77
27 14 13 16-0043	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	12,289.20	1,082.22
27 14 13 16-0044	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	18,171.90	1,515.11
27 14 13 16-0045	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,674.06	1,872.23
27 14 13 16-0046	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	34,929.62	2,597.31

27 14 13 16-0047 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0038)*

27 14 13 16-0048	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,255.51	865.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0049	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,681.03	1,082.22
27 14 13 16-0050	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,628.75	1,298.66
27 14 13 16-0051	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	13,191.04	1,623.32
27 14 13 16-0052	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	19,434.48	2,272.65
27 14 13 16-0053	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	25,243.26	2,813.76
27 14 13 16-0054	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	37,094.05	3,895.97
27 14 13 16-0055		Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0003)*		
27 14 13 16-0056		24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0055)*		
27 14 13 16-0057		24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0056)*		
27 14 13 16-0058	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	734.51	378.78
27 14 13 16-0059	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	768.90	378.78
27 14 13 16-0060	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	792.99	378.78
27 14 13 16-0061	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	953.70	432.89
27 14 13 16-0062	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,216.88	432.89
27 14 13 16-0063	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,934.19	432.89
27 14 13 16-0064	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,237.85	541.10
27 14 13 16-0065	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	6,116.68	865.77
27 14 13 16-0066	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	10,593.80	1,082.22
27 14 13 16-0067	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	15,878.90	1,515.11
27 14 13 16-0068		24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0056)*		
27 14 13 16-0069	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,365.81	757.55
27 14 13 16-0070	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,400.20	757.55
27 14 13 16-0071	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,424.29	757.55
27 14 13 16-0072	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,494.82	757.55
27 14 13 16-0073	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,758.00	757.55
27 14 13 16-0074	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,655.68	865.77
27 14 13 16-0075	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	4,139.70	1,082.22
27 14 13 16-0076	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	6,838.15	1,298.66
27 14 13 16-0077	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	11,495.64	1,623.32
27 14 13 16-0078	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	17,141.48	2,272.65
27 14 13 16-0079		Category 5E, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0080		Category 5E, Indoor Telecommunications Riser Cable *(27 14 13 16-0079)*		
27 14 13 16-0081		Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0080)*		
27 14 13 16-0082	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	820.51	378.78
27 14 13 16-0083	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	864.95	378.78
27 14 13 16-0084	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	956.00	432.89
27 14 13 16-0085	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,000.71	432.89
27 14 13 16-0086		Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0080)*		
27 14 13 16-0087	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,451.81	757.55
27 14 13 16-0088	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,496.25	757.55
27 14 13 16-0089	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,677.49	865.77
27 14 13 16-0090	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,722.20	865.77
27 14 13 16-0091		Category 5E, Indoor Telecommunications Plenum Cable *(27 14 13 16-0079)*		
27 14 13 16-0092		Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0091)*		
27 14 13 16-0093	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	968.44	378.78
27 14 13 16-0094	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,389.91	432.89
27 14 13 16-0095		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0091)*		
27 14 13 16-0096	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,599.74	757.55
27 14 13 16-0097	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,111.40	865.77
27 14 13 16-0098		Category 6, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0099		Category 6, Indoor Telecommunications Riser Cable *(27 14 13 16-0098)*		
27 14 13 16-0100		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0099)*		
27 14 13 16-0101	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	930.60	378.78
27 14 13 16-0102	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	964.06	378.78
27 14 13 16-0103		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0099)*		
27 14 13 16-0104	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,561.90	757.55
27 14 13 16-0105	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,595.36	757.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0106		Category 6, Indoor Telecommunications Plenum Cable *(27 14 13 16-0098)*		
27 14 13 16-0107		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0106)*		
27 14 13 16-0108	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,240.23	378.78
27 14 13 16-0109		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0106)*		
27 14 13 16-0110	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	1,871.53	757.55
27 14 13 16-0111		Category 6a, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0112		Category 6a, Indoor Telecommunications Riser Cable *(27 14 13 16-0111)*		
27 14 13 16-0113		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0112)*		
27 14 13 16-0114	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit	984.07	378.78
27 14 13 16-0115		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0112)*		
27 14 13 16-0116	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed	1,615.37	757.55
27 14 13 16-0117		Category 6a, Indoor Telecommunications Plenum Cable *(27 14 13 16-0111)*		
27 14 13 16-0118		Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0117)*		
27 14 13 16-0119	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,398.50	378.78
27 14 13 16-0120		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0117)*		
27 14 13 16-0121	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed	2,029.80	757.55
27 14 13 16-0122		Category 7, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0123		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0122)*		
27 14 13 16-0124	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,081.45	432.89
27 14 13 16-0125	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,041.26	432.89
27 14 13 16-0126		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 14 13 16-0122)*		
27 14 13 16-0127	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	2,802.94	865.77
27 14 13 16-0128	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	4,762.75	865.77
27 14 13 16-0129		Outdoor Telecommunications Cable *(27 14 13 16-0001)* Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, etc. Telecommunications cable buried in trench excludes excavation.		
27 14 13 16-0130		PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes foam-skin polyolefin insulated conductors.		
27 14 13 16-0131		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0132		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0131)*		
27 14 13 16-0133	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,582.90	757.55
27 14 13 16-0134	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,718.38	757.55
27 14 13 16-0135	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,010.24	757.55
27 14 13 16-0136	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,566.24	757.55
27 14 13 16-0137	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,118.87	757.55
27 14 13 16-0138	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,672.79	757.55
27 14 13 16-0139	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,196.84	973.99
27 14 13 16-0140	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,089.18	1,406.88
27 14 13 16-0141	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,023.63	1,839.76
27 14 13 16-0142	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,321.51	2,489.10
27 14 13 16-0143	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,632.35	4,978.19
27 14 13 16-0144	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	36,855.48	7,359.07
27 14 13 16-0145		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0131)*		
27 14 13 16-0146	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,312.34	
27 14 13 16-0147	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,447.82	
27 14 13 16-0148	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,739.68	
27 14 13 16-0149	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,295.68	
27 14 13 16-0150	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,848.31	
27 14 13 16-0151	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,402.23	
27 14 13 16-0152	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,016.48	
27 14 13 16-0153	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,548.07	
27 14 13 16-0154	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,896.32	
27 14 13 16-0155	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,337.45	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0156		MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,221.28	
27 14 13 16-0157		MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	28,919.23	
27 14 13 16-0158			22 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0159			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0158)*		
27 14 13 16-0160		MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,669.03	757.55
27 14 13 16-0161		MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,879.30	757.55
27 14 13 16-0162		MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,339.62	757.55
27 14 13 16-0163		MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,152.51	757.55
27 14 13 16-0164		MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,035.05	757.55
27 14 13 16-0165		MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,918.31	757.55
27 14 13 16-0166		MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,599.62	973.99
27 14 13 16-0167		MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,516.03	1,406.88
27 14 13 16-0168		MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,643.32	1,839.76
27 14 13 16-0169		MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,388.93	2,489.10
27 14 13 16-0170		MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	36,820.84	4,978.19
27 14 13 16-0171		MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	52,098.39	7,359.07
27 14 13 16-0172			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0158)*		
27 14 13 16-0173		MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,398.47	
27 14 13 16-0174		MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,608.74	
27 14 13 16-0175		MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,069.06	
27 14 13 16-0176		MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,881.95	
27 14 13 16-0177		MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,764.49	
27 14 13 16-0178		MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,647.75	
27 14 13 16-0179		MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,419.26	
27 14 13 16-0180		MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,974.92	
27 14 13 16-0181		MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	15,516.01	
27 14 13 16-0182		MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,404.87	
27 14 13 16-0183		MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	31,409.77	
27 14 13 16-0184		MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	44,162.14	
27 14 13 16-0185			19 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0186			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0185)*		
27 14 13 16-0187		MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,355.05	757.55
27 14 13 16-0188		MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,137.35	757.55
27 14 13 16-0189		MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,565.70	757.55
27 14 13 16-0190		MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,849.69	757.55
27 14 13 16-0191			19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0185)*		
27 14 13 16-0192		MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,084.49	
27 14 13 16-0193		MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,866.79	
27 14 13 16-0194		MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,295.14	
27 14 13 16-0195		MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,579.13	
27 14 13 16-0196			PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes solid polyolefin insulated conductors.		
27 14 13 16-0197			24 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0198			24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0197)*		
27 14 13 16-0199		MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,595.01	757.55
27 14 13 16-0200		MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,760.76	757.55
27 14 13 16-0201		MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,095.15	757.55
27 14 13 16-0202		MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,697.32	757.55
27 14 13 16-0203		MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,918.62	757.55
27 14 13 16-0204		MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,759.05	973.99
27 14 13 16-0205		MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,856.06	1,406.88
27 14 13 16-0206		MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,958.07	1,839.76
27 14 13 16-0207		MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	17,685.86	2,489.10
27 14 13 16-0208		MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	28,396.79	4,978.19
27 14 13 16-0209		MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	41,431.71	7,359.07
27 14 13 16-0210			24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0197)*		
27 14 13 16-0211		MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,324.45	
27 14 13 16-0212		MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,490.20	
27 14 13 16-0213		MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,824.59	
27 14 13 16-0214		MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,426.76	
27 14 13 16-0215		MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,648.06	
27 14 13 16-0216		MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	6,578.69	
27 14 13 16-0217		MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,314.95	
27 14 13 16-0218		MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	11,830.76	
27 14 13 16-0219		MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,701.80	
27 14 13 16-0220		MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,985.72	
27 14 13 16-0221		MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	33,495.46	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0222		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0223		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0222)*		
27 14 13 16-0224	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,690.84	757.55
27 14 13 16-0225	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,934.40	757.55
27 14 13 16-0226	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,452.71	757.55
27 14 13 16-0227	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,406.21	757.55
27 14 13 16-0228	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,396.05	757.55
27 14 13 16-0229	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,602.33	973.99
27 14 13 16-0230	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	14,053.10	1,406.88
27 14 13 16-0231	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	18,034.30	1,839.76
27 14 13 16-0232	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	25,123.71	2,489.10
27 14 13 16-0233	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,440.39	4,978.19
27 14 13 16-0234		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0222)*		
27 14 13 16-0235	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,420.28	
27 14 13 16-0236	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,663.84	
27 14 13 16-0237	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,182.15	
27 14 13 16-0238	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,135.65	
27 14 13 16-0239	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,125.49	
27 14 13 16-0240	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,421.97	
27 14 13 16-0241	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	13,511.99	
27 14 13 16-0242	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	16,906.99	
27 14 13 16-0243	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,139.65	
27 14 13 16-0244	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	35,029.32	
27 14 13 16-0245		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0246		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0245)*		
27 14 13 16-0247	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,600.88	757.55
27 14 13 16-0248	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,534.72	757.55
27 14 13 16-0249	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,544.81	757.55
27 14 13 16-0250		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0245)*		
27 14 13 16-0251	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,330.32	
27 14 13 16-0252	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,264.16	
27 14 13 16-0253	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,274.25	
27 14 13 16-0254		(Aerial) Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes support wire.		
27 14 13 16-0255		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0256	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,736.28	1,502.87
27 14 13 16-0257	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,874.19	1,502.87
27 14 13 16-0258	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,216.60	1,502.87
27 14 13 16-0259	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,850.56	1,502.87
27 14 13 16-0260	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,075.04	1,502.87
27 14 13 16-0261	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,878.76	1,653.15
27 14 13 16-0262	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,697.65	1,803.44
27 14 13 16-0263		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0264	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,901.28	1,502.87
27 14 13 16-0265	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,105.03	1,502.87
27 14 13 16-0266	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,595.80	1,502.87
27 14 13 16-0267	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,565.35	1,502.87
27 14 13 16-0268	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,925.56	1,502.87
27 14 13 16-0269	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,025.08	1,653.15
27 14 13 16-0270		19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0271	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,119.42	1,502.87
27 14 13 16-0272	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,580.20	1,502.87
27 14 13 16-0273	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,486.18	1,502.87
27 14 13 16-0274	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,298.14	1,502.87
27 14 13 16-0275	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,165.45	1,502.87
27 14 13 16-0276		Solid Conductor Low Voltage Cable *(27 14 13 16)*		
27 14 13 16-0277		Shielded, Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0276)*		
27 14 13 16-0278		#12 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*		
27 14 13 16-0279	MLF	1 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,845.01	816.24
		For #10 AWG, Add	*431.99*	
		For Installation On Exposed Surface, Deduct	*-272.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0280		MLF	2 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,302.97	845.10
			For #10 AWG, Add	*576.82*	
			For Installation On Exposed Surface, Deduct	*-281.78*	
27 14 13 16-0281		MLF	3 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,703.17	874.78
			For #10 AWG, Add	*702.57*	
			For Installation On Exposed Surface, Deduct	*-291.51*	
27 14 13 16-0282		MLF	4 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,127.18	904.46
			For #10 AWG, Add	*835.95*	
			For Installation On Exposed Surface, Deduct	*-301.58*	
27 14 13 16-0283		MLF	5 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,580.42	965.47
			For #10 AWG, Add	*972.29*	
			For Installation On Exposed Surface, Deduct	*-321.92*	
27 14 13 16-0284		MLF	6 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,992.45	1,025.65
			For #10 AWG, Add	*1,095.23*	
			For Installation On Exposed Surface, Deduct	*-341.97*	
27 14 13 16-0285		MLF	8 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,316.13	1,147.68
			For #10 AWG, Add	*1,175.71*	
			For Installation On Exposed Surface, Deduct	*-382.49*	
27 14 13 16-0286		MLF	12 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,725.96	1,512.92
			For #10 AWG, Add	*1,561.83*	
			For Installation On Exposed Surface, Deduct	*-504.21*	
27 14 13 16-0287		MLF	24 Pair #12 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	8,530.31	2,234.34
			For #10 AWG, Add	*2,331.02*	
			For Installation On Exposed Surface, Deduct	*-744.59*	

27 14 13 16-0288 #14 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0289		MLF	1 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,652.66	714.00
			For Installation On Exposed Surface, Deduct	*-237.95*	
27 14 13 16-0290		MLF	2 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,086.85	739.56
			For Installation On Exposed Surface, Deduct	*-246.52*	
27 14 13 16-0291		MLF	3 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,465.63	765.12
			For Installation On Exposed Surface, Deduct	*-255.09*	
27 14 13 16-0292		MLF	4 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,866.36	791.50
			For Installation On Exposed Surface, Deduct	*-263.83*	
27 14 13 16-0293		MLF	5 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,291.29	845.10
			For Installation On Exposed Surface, Deduct	*-281.64*	
27 14 13 16-0294		MLF	6 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,676.53	897.86
			For Installation On Exposed Surface, Deduct	*-299.12*	
27 14 13 16-0295		MLF	8 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,970.33	1,004.21
			For Installation On Exposed Surface, Deduct	*-334.74*	
27 14 13 16-0296		MLF	12 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,267.67	1,323.28
			For Installation On Exposed Surface, Deduct	*-441.10*	
27 14 13 16-0297		MLF	24 Pair #14 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,851.63	1,954.84
			For Installation On Exposed Surface, Deduct	*-651.67*	

27 14 13 16-0298 #16 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0299		MLF	1 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,470.40	637.32
			For Installation On Exposed Surface, Deduct	*-212.55*	
27 14 13 16-0300		MLF	2 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,754.82	660.41
			For Installation On Exposed Surface, Deduct	*-220.14*	
27 14 13 16-0301		MLF	3 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,186.66	683.49
			For Installation On Exposed Surface, Deduct	*-227.72*	
27 14 13 16-0302		MLF	4 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,540.64	706.58
			For Installation On Exposed Surface, Deduct	*-235.64*	
27 14 13 16-0303		MLF	5 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,915.57	754.40
			For Installation On Exposed Surface, Deduct	*-251.47*	
27 14 13 16-0304		MLF	6 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,256.18	801.39
			For Installation On Exposed Surface, Deduct	*-267.13*	
27 14 13 16-0305		MLF	7 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,386.28	849.22
			For Installation On Exposed Surface, Deduct	*-282.96*	
27 14 13 16-0306		MLF	8 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,517.20	897.04
			For Installation On Exposed Surface, Deduct	*-298.96*	
27 14 13 16-0307		MLF	9 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,949.09	953.92
			For Installation On Exposed Surface, Deduct	*-317.92*	
27 14 13 16-0308		MLF	12 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,665.84	1,181.48
			For Installation On Exposed Surface, Deduct	*-393.85*	
27 14 13 16-0309		MLF	24 Pair #16 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,954.03	1,745.42
			For Installation On Exposed Surface, Deduct	*-581.84*	

27 14 13 16-0310 #18 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0311		MLF	1 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,222.80	561.47
			For Installation On Exposed Surface, Deduct	*-186.99*	
27 14 13 16-0312		MLF	2 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,499.93	581.26
			For Installation On Exposed Surface, Deduct	*-193.75*	
27 14 13 16-0313		MLF	3 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,742.59	601.05
			For Installation On Exposed Surface, Deduct	*-200.51*	
27 14 13 16-0314		MLF	4 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,998.39	621.66
			For Installation On Exposed Surface, Deduct	*-207.27*	
27 14 13 16-0315		MLF	5 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,277.32	663.71
			For Installation On Exposed Surface, Deduct	*-221.29*	
27 14 13 16-0316		MLF	6 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,531.78	704.93
			For Installation On Exposed Surface, Deduct	*-235.14*	
27 14 13 16-0317		MLF	8 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,743.07	789.02
			For Installation On Exposed Surface, Deduct	*-263.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0318	MLF	12 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,637.07	1,039.67
		For Installation On Exposed Surface, Deduct	*-346.61*	
27 14 13 16-0319	MLF	24 Pair #18 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,416.05	1,536.01
		For Installation On Exposed Surface, Deduct	*-512.00*	

27 14 13 16-0320 #20 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0321	MLF	1 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,071.24	510.36
		For Installation On Exposed Surface, Deduct	*-170.01*	
27 14 13 16-0322	MLF	2 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,289.94	528.49
		For Installation On Exposed Surface, Deduct	*-176.11*	
27 14 13 16-0323	MLF	3 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,479.74	547.04
		For Installation On Exposed Surface, Deduct	*-182.21*	
27 14 13 16-0324	MLF	4 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,679.64	565.60
		For Installation On Exposed Surface, Deduct	*-188.48*	
27 14 13 16-0325	MLF	5 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,905.24	603.52
		For Installation On Exposed Surface, Deduct	*-201.09*	
27 14 13 16-0326	MLF	6 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,110.63	641.44
		For Installation On Exposed Surface, Deduct	*-213.70*	
27 14 13 16-0327	MLF	8 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	2,308.86	717.29
		For Installation On Exposed Surface, Deduct	*-239.10*	
27 14 13 16-0328	MLF	12 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	3,038.79	945.67
		For Installation On Exposed Surface, Deduct	*-315.12*	
27 14 13 16-0329	MLF	24 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,522.31	1,396.67
		For Installation On Exposed Surface, Deduct	*-465.50*	
27 14 13 16-0330	MLF	25 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	4,825.24	1,429.65
		For Installation On Exposed Surface, Deduct	*-476.55*	
27 14 13 16-0331	MLF	36 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	5,767.30	1,664.62
		For Installation On Exposed Surface, Deduct	*-554.88*	
27 14 13 16-0332	MLF	40 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	6,189.73	1,781.70
		For Installation On Exposed Surface, Deduct	*-593.95*	
27 14 13 16-0333	MLF	50 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	7,357.51	2,226.92
		For Installation On Exposed Surface, Deduct	*-742.19*	
27 14 13 16-0334	MLF	100 Pair #20 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	10,046.05	2,931.85
		For Installation On Exposed Surface, Deduct	*-977.17*	

27 14 13 16-0335 #22 AWG, Shielded, Low Voltage Cable, Placed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0336	MLF	1 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	880.84	459.23
		For Installation On Exposed Surface, Deduct	*-153.02*	
27 14 13 16-0337	MLF	2 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	950.67	475.72
		For Installation On Exposed Surface, Deduct	*-158.46*	
27 14 13 16-0338	MLF	3 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,037.59	492.21
		For Installation On Exposed Surface, Deduct	*-164.07*	
27 14 13 16-0339	MLF	4 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,132.60	508.70
		For Installation On Exposed Surface, Deduct	*-169.68*	
27 14 13 16-0340	MLF	5 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,269.88	543.33
		For Installation On Exposed Surface, Deduct	*-181.06*	
27 14 13 16-0341	MLF	6 Pair #22 AWG, Solid, Shielded, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,409.47	575.49
		For Installation On Exposed Surface, Deduct	*-191.94*	

27 14 13 16-0342 Triad *(27 14 13 16-0277)*

27 14 13 16-0343	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Placed In Conduit	1,991.51	683.49
27 14 13 16-0344	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	2,601.21	945.67
27 14 13 16-0345	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	4,054.88	1,396.67
27 14 13 16-0346	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	5,041.57	1,664.62
27 14 13 16-0347	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	8,238.60	2,578.97
27 14 13 16-0348	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	9,474.20	2,931.85

27 14 13 16-0349 Shielded, Low Voltage Cable Buried In Trench *(27 14 13 16-0276)*

Note: Excludes excavation.

27 14 13 16-0350	MLF	1 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,535.75
27 14 13 16-0351	MLF	2 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,964.73
27 14 13 16-0352	MLF	3 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,339.26
27 14 13 16-0353	MLF	4 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,736.33
27 14 13 16-0354	MLF	5 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	3,152.04
27 14 13 16-0355	MLF	6 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	3,529.15

27 14 13 16-0356 Shielded, Low Voltage Cable Installed On Poles, Aerially *(27 14 13 16-0276)*

27 14 13 16-0357	MLF	1 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	1,610.30	438.37
27 14 13 16-0358	MLF	2 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,083.58	469.64
27 14 13 16-0359	MLF	3 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,744.16	593.73
27 14 13 16-0360	MLF	4 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	3,344.64	686.72
27 14 13 16-0361	MLF	5 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	5,053.57	782.71
27 14 13 16-0362	MLF	6 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	6,097.54	999.97

27 14 13 16-0363 Non-Shielded Low Voltage Cable Pulled In Conduit *(27 14 13 16-0276)*

27 14 13 16-0364 #14 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded *(27 14 13 16-0363)*

27 14 13 16-0365	MLF	1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,656.51	714.00
		For Installation On Exposed Surface, Deduct	*-237.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0366	MLF	2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,093.99	739.56
		For Installation On Exposed Surface, Deduct	*-246.52*	
27 14 13 16-0367	MLF	3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,475.56	765.12
		For Installation On Exposed Surface, Deduct	*-255.09*	
27 14 13 16-0368	MLF	4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,879.28	791.50
		For Installation On Exposed Surface, Deduct	*-263.83*	
27 14 13 16-0369	MLF	5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,305.36	844.26
		For Installation On Exposed Surface, Deduct	*-281.31*	
27 14 13 16-0370	MLF	6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,693.91	897.04
		For Installation On Exposed Surface, Deduct	*-298.96*	
27 14 13 16-0371	MLF	8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,989.49	1,004.21
		For Installation On Exposed Surface, Deduct	*-334.74*	
27 14 13 16-0372	MLF	12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	5,293.23	1,323.28
		For Installation On Exposed Surface, Deduct	*-441.10*	
27 14 13 16-0373	MLF	24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	7,889.96	1,954.84
		For Installation On Exposed Surface, Deduct	*-651.67*	

27 14 13 16-0374 #16 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded *(27 14 13 16-0363)*

27 14 13 16-0375	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,473.80	637.32
		For Installation On Exposed Surface, Deduct	*-212.55*	
27 14 13 16-0376	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,859.22	660.41
		For Installation On Exposed Surface, Deduct	*-220.14*	
27 14 13 16-0377	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,195.40	683.49
		For Installation On Exposed Surface, Deduct	*-227.72*	
27 14 13 16-0378	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,552.01	706.58
		For Installation On Exposed Surface, Deduct	*-235.64*	
27 14 13 16-0379	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,928.59	753.57
		For Installation On Exposed Surface, Deduct	*-251.30*	
27 14 13 16-0380	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,272.20	801.39
		For Installation On Exposed Surface, Deduct	*-267.13*	
27 14 13 16-0381	MLF	7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,402.74	849.22
		For Installation On Exposed Surface, Deduct	*-282.96*	
27 14 13 16-0382	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,665.90	897.04
		For Installation On Exposed Surface, Deduct	*-298.96*	
27 14 13 16-0383	MLF	9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,122.48	953.92
		For Installation On Exposed Surface, Deduct	*-317.90*	
27 14 13 16-0384	MLF	12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,688.34	1,181.48
		For Installation On Exposed Surface, Deduct	*-393.85*	
27 14 13 16-0385	MLF	24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	6,988.18	1,745.42
		For Installation On Exposed Surface, Deduct	*-581.92*	

27 14 13 16-0386 #18 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded *(27 14 13 16-0363)*

27 14 13 16-0387	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,278.03	560.64
		For Installation On Exposed Surface, Deduct	*-186.99*	
27 14 13 16-0388	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,583.92	581.26
		For Installation On Exposed Surface, Deduct	*-193.75*	
27 14 13 16-0389	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,759.68	601.87
		For Installation On Exposed Surface, Deduct	*-200.51*	
27 14 13 16-0390	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,006.42	621.66
		For Installation On Exposed Surface, Deduct	*-207.27*	
27 14 13 16-0391	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,265.78	663.71
		For Installation On Exposed Surface, Deduct	*-221.29*	
27 14 13 16-0392	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,524.31	705.76
		For Installation On Exposed Surface, Deduct	*-235.14*	
27 14 13 16-0393	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,160.51	789.02
		For Installation On Exposed Surface, Deduct	*-263.01*	
27 14 13 16-0394	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,073.96	1,039.67
		For Installation On Exposed Surface, Deduct	*-346.61*	
27 14 13 16-0395	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	5,116.80	1,536.01
		For Installation On Exposed Surface, Deduct	*-512.00*	

27 14 13 16-0396 #20 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded *(27 14 13 16-0363)*

27 14 13 16-0397	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,092.20	510.36
		For Installation On Exposed Surface, Deduct	*-170.01*	
27 14 13 16-0398	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,293.36	528.49
		For Installation On Exposed Surface, Deduct	*-176.11*	
27 14 13 16-0399	MLF	3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,576.01	601.87
		For Installation On Exposed Surface, Deduct	*-200.51*	
27 14 13 16-0400	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,685.78	565.60
		For Installation On Exposed Surface, Deduct	*-188.48*	
27 14 13 16-0401	MLF	5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,013.75	663.71
		For Installation On Exposed Surface, Deduct	*-221.29*	
27 14 13 16-0402	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,226.52	705.76
		For Installation On Exposed Surface, Deduct	*-235.14*	
27 14 13 16-0403	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	2,431.93	785.39
		For Installation On Exposed Surface, Deduct	*-261.85*	
27 14 13 16-0404	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	3,051.00	945.67
		For Installation On Exposed Surface, Deduct	*-315.12*	
27 14 13 16-0405	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,540.62	1,396.67
		For Installation On Exposed Surface, Deduct	*-465.50*	
27 14 13 16-0406	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	4,845.62	1,429.65
		For Installation On Exposed Surface, Deduct	*-476.55*	
27 14 13 16-0407	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	5,792.28	1,664.62
		For Installation On Exposed Surface, Deduct	*-554.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0408	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	6,216.60	1,781.70
		For Installation On Exposed Surface, Deduct	*-593.95*	
27 14 13 16-0409	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	7,387.94	2,226.92
		For Installation On Exposed Surface, Deduct	*-742.19*	
27 14 13 16-0410	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	10,089.11	2,931.85
		For Installation On Exposed Surface, Deduct	*-977.17*	

27 14 13 16-0411 #22 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded *(27 14 13 16-0363)*

27 14 13 16-0412	MLF	1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	925.67	459.23
		For Installation On Exposed Surface, Deduct	*-153.02*	
		For Installation On Exposed Surface, Deduct	*-153.02*	
27 14 13 16-0413	MLF	2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,012.02	475.72
		For Installation On Exposed Surface, Deduct	*-158.46*	
		For Installation On Exposed Surface, Deduct	*-158.46*	
27 14 13 16-0414	MLF	3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,132.74	492.21
		For Installation On Exposed Surface, Deduct	*-164.07*	
		For Installation On Exposed Surface, Deduct	*-164.07*	
27 14 13 16-0415	MLF	4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,267.18	508.70
		For Installation On Exposed Surface, Deduct	*-169.68*	
		For Installation On Exposed Surface, Deduct	*-169.68*	
27 14 13 16-0416	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,423.62	543.33
		For Installation On Exposed Surface, Deduct	*-181.06*	
		For Installation On Exposed Surface, Deduct	*-181.06*	
27 14 13 16-0417	MLF	6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded	1,599.11	575.49
		For Installation On Exposed Surface, Deduct	*-191.94*	
		For Installation On Exposed Surface, Deduct	*-191.94*	

27 14 13 16-0418 Shielded Plenum Rated, Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0276)*

27 14 13 16-0419	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,210.14	637.32
27 14 13 16-0420	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,448.58	660.41
27 14 13 16-0421	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,617.33	683.49
27 14 13 16-0422	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,709.08	706.58
27 14 13 16-0423	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,040.11	753.57
27 14 13 16-0424	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,205.41	801.39
27 14 13 16-0425	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,747.24	897.04
27 14 13 16-0426	MLF	12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,421.01	1,181.48
27 14 13 16-0427	MLF	24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	5,188.35	1,745.42
27 14 13 16-0428	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,046.78	560.64
27 14 13 16-0429	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,242.72	581.26
27 14 13 16-0430	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,405.24	601.87
27 14 13 16-0431	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,487.05	621.66
27 14 13 16-0432	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,770.02	663.71
27 14 13 16-0433	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,982.79	705.76
27 14 13 16-0434	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,238.68	789.02
27 14 13 16-0435	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,895.10	1,039.67
27 14 13 16-0436	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	4,609.95	1,536.01
27 14 13 16-0437	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	926.58	510.36
27 14 13 16-0438	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,051.71	528.49
27 14 13 16-0439	MLF	3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,173.06	546.63
27 14 13 16-0440	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,250.62	565.60
27 14 13 16-0441	MLF	5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,360.35	603.52
27 14 13 16-0442	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,483.13	641.44
27 14 13 16-0443	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,660.99	717.29
27 14 13 16-0444	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,285.30	945.67
27 14 13 16-0445	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,467.57	1,396.67
27 14 13 16-0446	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,651.38	1,429.65
27 14 13 16-0447	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	4,305.12	1,664.62
27 14 13 16-0448	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	4,642.35	1,781.70
27 14 13 16-0449	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	5,605.12	2,226.92
27 14 13 16-0450	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	7,566.26	2,931.85
27 14 13 16-0451	MLF	250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	14,583.38	5,400.34
27 14 13 16-0452	MLF	500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	21,896.99	7,146.59
27 14 13 16-0453	MLF	750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	29,246.96	9,005.79
27 14 13 16-0454	MLF	1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	41,145.90	12,353.18
27 14 13 16-0455	MLF	1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	899.00	510.36
27 14 13 16-0456	MLF	2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	990.03	528.49
27 14 13 16-0457	MLF	3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,078.65	546.63
27 14 13 16-0458	MLF	4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,139.55	565.60
27 14 13 16-0459	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,232.63	603.52
27 14 13 16-0460	MLF	6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,333.74	641.44
27 14 13 16-0461	MLF	8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	1,493.25	717.29
27 14 13 16-0462	MLF	12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	2,029.58	945.67
27 14 13 16-0463	MLF	24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,056.78	1,396.67
27 14 13 16-0464	MLF	25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,194.26	1,429.65
27 14 13 16-0465	MLF	36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	3,768.85	1,664.62
27 14 13 16-0466	MLF	40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	4,039.67	1,781.70
27 14 13 16-0467	MLF	50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	4,922.61	2,226.92
27 14 13 16-0468	MLF	100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	6,600.45	2,931.85
27 14 13 16-0469	MLF	250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	12,539.46	5,400.34
27 14 13 16-0470	MLF	500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	18,288.41	7,146.59
27 14 13 16-0471	MLF	750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	24,103.33	9,005.79
27 14 13 16-0472	MLF	1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Shielded	33,720.13	12,353.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0473		Non-Shielded Plenum Rated, Low Voltage Cable, Pulled In Conduit *(27 14 13 16-0276)*		
27 14 13 16-0474	MLF	1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,241.79	637.32
27 14 13 16-0475	MLF	2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,421.71	660.41
27 14 13 16-0476	MLF	3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,533.73	683.49
27 14 13 16-0477	MLF	4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,683.60	706.58
27 14 13 16-0478	MLF	5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,862.35	753.57
27 14 13 16-0479	MLF	6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,039.45	801.39
27 14 13 16-0480	MLF	8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,457.88	897.04
27 14 13 16-0481	MLF	12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,192.08	1,181.48
27 14 13 16-0482	MLF	24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,761.70	1,745.42
27 14 13 16-0483	MLF	1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,087.14	560.64
27 14 13 16-0484	MLF	2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,241.65	581.26
27 14 13 16-0485	MLF	3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,338.42	601.87
27 14 13 16-0486	MLF	4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,466.68	621.66
27 14 13 16-0487	MLF	5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,620.73	663.71
27 14 13 16-0488	MLF	6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,773.95	705.76
27 14 13 16-0489	MLF	8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,133.69	789.02
27 14 13 16-0490	MLF	12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,772.09	1,039.67
27 14 13 16-0491	MLF	24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,134.31	1,536.01
27 14 13 16-0492	MLF	1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	957.46	510.36
27 14 13 16-0493	MLF	2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,090.45	528.49
27 14 13 16-0494	MLF	3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,183.93	546.63
27 14 13 16-0495	MLF	4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,352.80	565.60
27 14 13 16-0496	MLF	5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,502.24	603.52
27 14 13 16-0497	MLF	6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,787.64	641.44
27 14 13 16-0498	MLF	8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,998.07	717.29
27 14 13 16-0499	MLF	12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,526.33	945.67
27 14 13 16-0500	MLF	24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,809.19	1,396.67
27 14 13 16-0501	MLF	25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,030.66	1,429.65
27 14 13 16-0502	MLF	36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,793.82	1,664.62
27 14 13 16-0503	MLF	40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	5,142.40	1,781.70
27 14 13 16-0504	MLF	50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	6,171.41	2,226.92
27 14 13 16-0505	MLF	100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	8,367.63	2,931.85
27 14 13 16-0506	MLF	250 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	16,279.72	5,400.34
27 14 13 16-0507	MLF	500 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	24,891.72	7,146.59
27 14 13 16-0508	MLF	750 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	33,515.14	9,005.79
27 14 13 16-0509	MLF	1200 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	47,307.85	12,352.35
27 14 13 16-0510	MLF	1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	918.75	510.36
27 14 13 16-0511	MLF	2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,014.82	528.49
27 14 13 16-0512	MLF	3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,085.61	546.63
27 14 13 16-0513	MLF	4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,204.91	565.60
27 14 13 16-0514	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,323.39	603.52
27 14 13 16-0515	MLF	6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,528.53	641.44
27 14 13 16-0516	MLF	8 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,708.89	717.29
27 14 13 16-0517	MLF	12 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	2,183.76	945.67
27 14 13 16-0518	MLF	24 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,275.31	1,396.67
27 14 13 16-0519	MLF	25 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	3,436.88	1,429.65
27 14 13 16-0520	MLF	36 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,066.17	1,664.62
27 14 13 16-0521	MLF	40 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	4,359.55	1,781.70
27 14 13 16-0522	MLF	50 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	5,284.85	2,226.92
27 14 13 16-0523	MLF	100 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	7,113.06	2,931.85
27 14 13 16-0524	MLF	250 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	13,624.49	5,400.34
27 14 13 16-0525	MLF	500 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	20,204.10	7,146.59
27 14 13 16-0526	MLF	750 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	26,833.90	9,005.79
27 14 13 16-0527	MLF	1200 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	37,662.45	12,353.18
27 14 13 16-0528		Sound System Cables *(27 14 13 16)*		
		Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 14 13 16-0529		Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0528)*		
27 14 13 16-0530		Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0529)*		
27 14 13 16-0531	MLF	2/c #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,330.79	577.13
27 14 13 16-0532	MLF	2/c #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,271.26	577.13
27 14 13 16-0533	MLF	2/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,225.34	577.13
27 14 13 16-0534	MLF	4/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,275.56	577.13
27 14 13 16-0535	MLF	4/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,436.96	577.13
27 14 13 16-0536	MLF	6/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,597.84	577.13
27 14 13 16-0537	MLF	4/c #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,437.64	577.13
27 14 13 16-0538	MLF	4/c #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,360.14	577.13
27 14 13 16-0539		Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0529)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0540	MLF	2/c #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,355.39	577.13
27 14 13 16-0541	MLF	2/c #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,286.90	577.13
27 14 13 16-0542	MLF	2/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,248.14	577.13
27 14 13 16-0543	MLF	4/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,312.82	577.13
27 14 13 16-0544	MLF	8/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,449.48	577.13
27 14 13 16-0545	MLF	2/c #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,434.41	577.13
27 14 13 16-0546	MLF	2/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,339.68	577.13
27 14 13 16-0547	MLF	4/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,500.70	577.13
27 14 13 16-0548	MLF	6/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,661.29	577.13
27 14 13 16-0549	MLF	2/c #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,267.58	577.13
27 14 13 16-0550	MLF	2/c #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,299.57	577.13

27 14 13 16-0551 Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0528)*

27 14 13 16-0552 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0551)*

27 14 13 16-0553	MLF	2/c #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	753.64	288.57
27 14 13 16-0554	MLF	2/c #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	694.11	288.57
27 14 13 16-0555	MLF	2/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	648.19	288.57
27 14 13 16-0556	MLF	4/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	698.41	288.57
27 14 13 16-0557	MLF	4/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	859.81	288.57
27 14 13 16-0558	MLF	6/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,020.69	288.57
27 14 13 16-0559	MLF	4/c #20AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	860.49	288.57
27 14 13 16-0560	MLF	4/c #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	782.99	288.57

27 14 13 16-0561 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0551)*

27 14 13 16-0562	MLF	2/c #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	778.24	288.57
27 14 13 16-0563	MLF	2/c #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	709.75	288.57
27 14 13 16-0564	MLF	2/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	670.99	288.57
27 14 13 16-0565	MLF	4/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	735.67	288.57
27 14 13 16-0566	MLF	8/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	872.33	288.57
27 14 13 16-0567	MLF	2/c #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	857.26	288.57
27 14 13 16-0568	MLF	2/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	762.53	288.57
27 14 13 16-0569	MLF	4/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	923.55	288.57
27 14 13 16-0570	MLF	6/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,084.14	288.57
27 14 13 16-0571	MLF	2/c #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	722.42	288.57
27 14 13 16-0572	MLF	2/c #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	690.43	288.57

27 14 23 Communications Optical Fiber Cabling *(27 14)*

27 14 23 13 Communications Optical Fiber Splicing And Terminations *(27 14 23)*

27 14 23 13-0001 Fiber Optic Cable Splice Closures *(27 14 23 13)*

Note: Includes mounting hardware. Excludes splicing and splice trays.

27 14 23 13-0002	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	558.59	90.19
27 14 23 13-0003	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	738.96	180.37
27 14 23 13-0004	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	738.96	180.37
27 14 23 13-0005	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	900.82	90.19
27 14 23 13-0006	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,081.19	180.37
27 14 23 13-0007	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,081.19	180.37
27 14 23 13-0008	EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	41.61	11.27

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 13-0009			Fiber Optic Cable Splicing *(27 14 23 13)*		
27 14 23 13-0010		EA	Single Strand, Fusion Splice Of Fiber Optic Cable	27.06	
27 14 23 13-0011		EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	90.19	
27 14 23 13-0012			Fiber Optic Cable Testing *(27 14 23 13)*		
			Note: Price based on testing one wavelength.		
27 14 23 13-0013			Fiber Optic Cable Testing Using An OTDR *(27 14 23 13-0012)*		
			Note: Testing using an optical time domain reflectometer.		
27 14 23 13-0014		EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	18.04	
			For >12 To 48 Strands, Deduct	*-1.35*	
			For >48 Strands, Deduct	*-1.80*	
27 14 23 13-0015		EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	27.06	
			For >12 To 48 Strands, Deduct	*-2.03*	
			For >48 Strands, Deduct	*-2.71*	
27 14 23 13-0016		EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	45.09	
			For >12 To 48 Strands, Deduct	*-3.38*	
			For >48 Strands, Deduct	*-4.51*	
27 14 23 13-0017		EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	67.64	
			For >12 To 48 Strands, Deduct	*-5.07*	
			For >48 Strands, Deduct	*-6.76*	
27 14 23 13-0018			Fiber Optic Cable Testing Using A Power Meter *(27 14 23 13-0012)*		
27 14 23 13-0019		EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	18.04	
			For >12 To 48 Strands, Deduct	*-1.35*	
			For >48 Strands, Deduct	*-1.80*	
27 14 23 13-0020		EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	27.06	
			For >12 To 48 Strands, Deduct	*-2.03*	
			For >48 Strands, Deduct	*-2.71*	
27 14 23 13-0021			Fiber Optic Cable Light Source/Continuity Testing *(27 14 23 13-0012)*		
27 14 23 13-0022		EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	18.04	
			For >12 To 48 Strands, Deduct	*-1.35*	
			For >48 Strands, Deduct	*-1.80*	
27 14 23 13-0023			Other Fiber Optic Cable Splicing *(27 14 23 13)*		
27 14 23 13-0024		EA	Fiber Optic Finger Splice	28.47	16.95
27 14 23 13-0025		EA	Fiber Optic Splice Box - Manholes	3,427.69	
27 14 23 13-0026			Fiber Optic Cable Fan Out Kits *(27 14 23 13)*		
27 14 23 13-0027			Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 14 23 13-0026)*		
27 14 23 13-0028		EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	205.46	
27 14 23 13-0029		EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	208.91	
27 14 23 13-0030		EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	247.80	
27 14 23 13-0031		EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	281.57	
27 14 23 13-0032			Spider Fan Out Kits For Fiber Optic Cable *(27 14 23 13-0026)*		
			Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 14 23 13-0033		EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	248.90	
27 14 23 13-0034		EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	274.26	
27 14 23 13-0035		EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	380.97	
27 14 23 13-0036		EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	496.52	
27 14 23 16			**Communications Optical Fiber Cabling** ***(27 14 23)***		
27 14 23 16-0001			Indoor Fiber Optic Cable *(27 14 23 16)*		
			Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 14 23 16-0002			Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)*		
			Note: Excludes conduit or innerduct.		
27 14 23 16-0003			Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*		
27 14 23 16-0004			Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*		
27 14 23 16-0005			Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0006		MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	807.69	324.67
27 14 23 16-0007		MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	888.03	324.67
27 14 23 16-0008		MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	914.86	324.67
27 14 23 16-0009		MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,010.39	324.67
			For Aluminum Armored Cable, Add	*1,173.16*	
			For Steel Armored Cable, Add	*1,246.15*	
27 14 23 16-0010		MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,037.78	324.67

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27 14 23 16-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,203.34	324.67
		For Aluminum Armored Cable, Add	*1,213.20*	
		For Steel Armored Cable, Add	*1,294.36*	
27 14 23 16-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,094.91	378.78
27 14 23 16-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,979.33	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,517.83*	
		For Steel Armored Cable, Add	*1,486.52*	
27 14 23 16-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,651.49	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,600.08*	
		For Steel Armored Cable, Add	*1,423.75*	
27 14 23 16-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,781.86	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,678.80*	
		For Steel Armored Cable, Add	*1,492.07*	
27 14 23 16-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,603.96	378.78
27 14 23 16-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,822.58	378.78
27 14 23 16-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,972.55	378.78
27 14 23 16-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,039.55	432.89
27 14 23 16-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,607.71	432.89

27 14 23 16-0021 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*

27 14 23 16-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	830.82	324.67
27 14 23 16-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	927.29	324.67
27 14 23 16-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,057.44	324.67
27 14 23 16-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,268.68	324.67
		For Aluminum Armored Cable, Add	*1,154.47*	
		For Steel Armored Cable, Add	*1,224.14*	
27 14 23 16-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,373.22	324.67
27 14 23 16-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,775.27	324.67
		For Aluminum Armored Cable, Add	*1,184.55*	
		For Steel Armored Cable, Add	*1,262.02*	
27 14 23 16-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,453.98	378.78
27 14 23 16-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,918.24	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,660.25*	
		For Steel Armored Cable, Add	*1,630.38*	
27 14 23 16-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,003.78	378.78
27 14 23 16-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,969.16	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,786.09*	
27 14 23 16-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,903.93	378.78
27 14 23 16-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,897.44	378.78
27 14 23 16-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,121.85	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,319.14*	
27 14 23 16-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,834.91	432.89
27 14 23 16-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,225.76	432.89

27 14 23 16-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*

27 14 23 16-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	845.31	324.67
27 14 23 16-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	946.59	324.67
27 14 23 16-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,083.26	324.67
27 14 23 16-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,305.06	324.67
27 14 23 16-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,414.82	324.67
27 14 23 16-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,836.98	324.67
27 14 23 16-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,595.11	378.78
27 14 23 16-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,082.58	378.78
27 14 23 16-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,222.40	378.78
27 14 23 16-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,236.05	378.78
27 14 23 16-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,217.56	378.78
27 14 23 16-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,260.75	378.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,596.37	378.78
27 14 23 16-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,540.58	432.89
27 14 23 16-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,150.97	432.89
27 14 23 16-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*		
27 14 23 16-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,552.32	324.67
27 14 23 16-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,851.96	324.67
27 14 23 16-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,511.14	324.67
27 14 23 16-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,825.72	324.67
27 14 23 16-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,968.88	324.67
27 14 23 16-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,238.02	378.78
27 14 23 16-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,618.80	378.78
27 14 23 16-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,357.85	378.78
27 14 23 16-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,492.69	378.78
27 14 23 16-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,842.84	324.67
27 14 23 16-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,987.31	324.67
27 14 23 16-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,578.62	324.67
27 14 23 16-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,154.70	324.67
27 14 23 16-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,857.84	324.67
27 14 23 16-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,022.14	378.78
27 14 23 16-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,465.24	378.78
27 14 23 16-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,726.62	378.78
27 14 23 16-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,653.85	378.78
27 14 23 16-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*		
27 14 23 16-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,907.93	324.67
27 14 23 16-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,059.62	324.67
27 14 23 16-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,680.50	324.67
27 14 23 16-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,285.38	324.67
27 14 23 16-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,023.68	324.67
27 14 23 16-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,241.68	378.78
27 14 23 16-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,756.94	378.78
27 14 23 16-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,181.38	378.78
27 14 23 16-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,254.98	378.78
27 14 23 16-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*		
27 14 23 16-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0084)*		
27 14 23 16-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*		
27 14 23 16-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	750.19	324.67
27 14 23 16-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	753.35	324.67
27 14 23 16-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	918.98	324.67
27 14 23 16-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	938.37	324.67
		For Aluminum Armored Cable, Add	*897.57*	
		For Steel Armored Cable, Add	*1,501.91*	
27 14 23 16-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,035.94	324.67
27 14 23 16-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,054.19	324.67
		For Aluminum Armored Cable, Add	*962.09*	
		For Steel Armored Cable, Add	*1,566.37*	
27 14 23 16-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,303.99	378.78
27 14 23 16-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,931.26	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*625.78*	
		For Steel Armored Cable, Add	*715.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,591.55	378.78
27 14 23 16-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,708.51	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*120.01*	
		For Steel Armored Cable, Add	*260.61*	
27 14 23 16-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,660.27	378.78
27 14 23 16-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,676.46	378.78
27 14 23 16-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,788.30	378.78

27 14 23 16-0100 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*

27 14 23 16-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	829.27	324.67
27 14 23 16-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	819.58	324.67
27 14 23 16-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,060.82	324.67
27 14 23 16-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,154.09	324.67
		For Aluminum Armored Cable, Add	*1,011.09*	
		For Steel Armored Cable, Add	*1,615.40*	
27 14 23 16-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,371.70	324.67
27 14 23 16-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,654.58	324.67
		For Aluminum Armored Cable, Add	*1,020.17*	
		For Steel Armored Cable, Add	*1,624.44*	
27 14 23 16-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,081.24	378.78
27 14 23 16-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,394.87	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*286.22*	
		For Steel Armored Cable, Add	*568.31*	
27 14 23 16-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,548.74	378.78
27 14 23 16-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,322.11	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*140.24*	
27 14 23 16-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,317.24	378.78
27 14 23 16-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,863.57	378.78
27 14 23 16-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,026.16	378.78
		For Aluminum Armored Cable With Sub-Units, Add	*1,183.24*	

27 14 23 16-0114 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*

27 14 23 16-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	843.67	324.67
27 14 23 16-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	833.51	324.67
27 14 23 16-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,086.81	324.67
27 14 23 16-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,184.74	324.67
27 14 23 16-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,413.23	324.67
27 14 23 16-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,710.25	324.67
27 14 23 16-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,253.74	378.78
27 14 23 16-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,583.05	378.78
27 14 23 16-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,844.61	378.78
27 14 23 16-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,656.65	378.78
27 14 23 16-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,701.54	378.78
27 14 23 16-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,325.18	378.78
27 14 23 16-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,645.91	378.78

27 14 23 16-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0084)*

27 14 23 16-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0128)*

27 14 23 16-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,468.67	324.67
27 14 23 16-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,833.23	324.67
27 14 23 16-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,709.63	324.67
27 14 23 16-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,568.53	324.67
27 14 23 16-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,939.32	324.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,481.45	378.78
27 14 23 16-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,256.25	378.78
27 14 23 16-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,838.51	378.78
27 14 23 16-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,528.89	378.78
27 14 23 16-0139		**50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0128)*		
27 14 23 16-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,116.89	324.67
27 14 23 16-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,893.34	324.67
27 14 23 16-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,351.23	324.67
27 14 23 16-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,991.05	324.67
27 14 23 16-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,212.37	324.67
27 14 23 16-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,903.93	378.78
27 14 23 16-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,287.48	378.78
27 14 23 16-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,099.36	378.78
27 14 23 16-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,312.89	378.78
27 14 23 16-0149		**62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 14 23 16-0128)*		
27 14 23 16-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,195.68	324.67
27 14 23 16-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,010.95	324.67
27 14 23 16-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,491.74	324.67
27 14 23 16-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,163.55	324.67
27 14 23 16-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,445.93	324.67
27 14 23 16-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,217.56	378.78
27 14 23 16-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,670.29	378.78
27 14 23 16-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,672.76	378.78
27 14 23 16-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,096.97	378.78
27 14 23 16-0159		**Indoor Fiber Optic Cable, Installed Exposed** *(27 14 23 16-0001)* Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 14 23 16-0160		**Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 14 23 16-0159)*		
27 14 23 16-0161		**Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 14 23 16-0160)*		
27 14 23 16-0162		**Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed** *(27 14 23 16-0161)*		
27 14 23 16-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	988.06	432.89
27 14 23 16-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,068.40	432.89
27 14 23 16-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,095.23	432.89
27 14 23 16-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,190.76	432.89
		For Aluminum Armored Cable, Add	*1,173.16*	
		For Steel Armored Cable, Add	*1,246.15*	
27 14 23 16-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,218.15	432.89
27 14 23 16-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,383.71	432.89
		For Aluminum Armored Cable, Add	*1,213.20*	
		For Steel Armored Cable, Add	*1,294.36*	
27 14 23 16-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,275.28	487.00
27 14 23 16-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,159.70	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,517.83*	
		For Steel Armored Cable, Add	*1,486.52*	
27 14 23 16-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,831.86	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,600.08*	
		For Steel Armored Cable, Add	*1,423.75*	
27 14 23 16-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,962.23	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,678.80*	
		For Steel Armored Cable, Add	*1,492.07*	
27 14 23 16-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,784.33	487.00
27 14 23 16-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,002.95	487.00
27 14 23 16-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,152.92	487.00
27 14 23 16-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,219.92	541.10
27 14 23 16-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,788.08	541.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0178		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*		
27 14 23 16-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,011.19	432.89
27 14 23 16-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,107.66	432.89
27 14 23 16-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,237.81	432.89
27 14 23 16-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,449.05	432.89
		For Aluminum Armored Cable, Add	*1,154.47*	
		For Steel Armored Cable, Add	*1,224.14*	
27 14 23 16-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,553.59	432.89
27 14 23 16-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,955.64	432.89
		For Aluminum Armored Cable, Add	*1,184.55*	
		For Steel Armored Cable, Add	*1,262.02*	
27 14 23 16-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,634.35	487.00
27 14 23 16-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,098.61	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,660.25*	
		For Steel Armored Cable, Add	*1,630.38*	
27 14 23 16-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,184.15	487.00
27 14 23 16-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,149.53	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,786.09*	
27 14 23 16-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,084.30	487.00
27 14 23 16-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,077.81	487.00
27 14 23 16-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,302.22	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,319.14*	
27 14 23 16-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,015.28	541.10
27 14 23 16-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,406.13	541.10
27 14 23 16-0194		62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*		
27 14 23 16-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,025.68	432.89
27 14 23 16-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,126.96	432.89
27 14 23 16-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,263.63	432.89
27 14 23 16-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,485.43	432.89
27 14 23 16-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,595.19	432.89
27 14 23 16-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,017.35	432.89
27 14 23 16-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,775.48	487.00
27 14 23 16-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,262.95	487.00
27 14 23 16-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,402.77	487.00
27 14 23 16-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,416.42	487.00
27 14 23 16-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,397.93	487.00
27 14 23 16-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,441.12	487.00
27 14 23 16-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,776.74	487.00
27 14 23 16-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,720.95	541.10
27 14 23 16-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,331.34	541.10
27 14 23 16-0210		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0160)*		
27 14 23 16-0211		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*		
27 14 23 16-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,732.69	432.89
27 14 23 16-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,032.33	432.89
27 14 23 16-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,691.51	432.89
27 14 23 16-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,006.09	432.89
27 14 23 16-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,149.25	432.89
27 14 23 16-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,418.39	487.00
27 14 23 16-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,799.17	487.00
27 14 23 16-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,538.22	487.00
27 14 23 16-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,673.06	487.00
27 14 23 16-0221		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*		
27 14 23 16-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,023.21	432.89
27 14 23 16-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,167.68	432.89
27 14 23 16-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,758.99	432.89
27 14 23 16-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,335.07	432.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,038.21	432.89
27 14 23 16-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,202.51	487.00
27 14 23 16-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,645.61	487.00
27 14 23 16-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,906.99	487.00
27 14 23 16-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,834.22	487.00

27 14 23 16-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,088.30	432.89
27 14 23 16-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,239.99	432.89
27 14 23 16-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,860.87	432.89
27 14 23 16-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,465.75	432.89
27 14 23 16-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,204.05	432.89
27 14 23 16-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,422.05	487.00
27 14 23 16-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,937.31	487.00
27 14 23 16-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,361.75	487.00
27 14 23 16-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,435.35	487.00

27 14 23 16-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0159)*

27 14 23 16-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*

27 14 23 16-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*

27 14 23 16-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	930.56	432.89
27 14 23 16-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	933.72	432.89
27 14 23 16-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,099.35	432.89
27 14 23 16-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,118.74	432.89
		For Aluminum Armored Cable, Add	*897.57*	
		For Steel Armored Cable, Add	*1,501.91*	
27 14 23 16-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,216.31	432.89
27 14 23 16-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,234.56	432.89
		For Aluminum Armored Cable, Add	*962.09*	
		For Steel Armored Cable, Add	*1,566.37*	
27 14 23 16-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,484.36	487.00
27 14 23 16-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,111.63	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*625.78*	
		For Steel Armored Cable, Add	*715.02*	
27 14 23 16-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,771.92	487.00
27 14 23 16-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,888.88	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*120.01*	
		For Steel Armored Cable, Add	*260.61*	
27 14 23 16-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,840.64	487.00
27 14 23 16-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,856.83	487.00
27 14 23 16-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,968.67	487.00

27 14 23 16-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*

27 14 23 16-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,009.64	432.89
27 14 23 16-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	999.95	432.89
27 14 23 16-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,241.19	432.89
27 14 23 16-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,334.46	432.89
		For Aluminum Armored Cable, Add	*1,011.09*	
		For Steel Armored Cable, Add	*1,615.40*	
27 14 23 16-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,552.07	432.89
27 14 23 16-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,834.95	432.89
		For Aluminum Armored Cable, Add	*1,020.17*	
		For Steel Armored Cable, Add	*1,624.44*	
27 14 23 16-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,261.61	487.00
27 14 23 16-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,575.24	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*286.22*	
		For Steel Armored Cable, Add	*568.31*	
27 14 23 16-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,729.11	487.00
27 14 23 16-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,502.48	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*140.24*	
27 14 23 16-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,497.61	487.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,043.94	487.00
27 14 23 16-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,206.53	487.00
		For Aluminum Armored Cable With Sub-Units, Add	*1,183.24*	
27 14 23 16-0271		62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*		
27 14 23 16-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,024.04	432.89
27 14 23 16-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,013.88	432.89
27 14 23 16-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,267.18	432.89
27 14 23 16-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,365.11	432.89
27 14 23 16-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,593.60	432.89
27 14 23 16-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,890.62	432.89
27 14 23 16-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,434.11	487.00
27 14 23 16-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,763.42	487.00
27 14 23 16-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,024.98	487.00
27 14 23 16-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,837.02	487.00
27 14 23 16-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,881.91	487.00
27 14 23 16-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,505.55	487.00
27 14 23 16-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,826.28	487.00
27 14 23 16-0285		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*		
27 14 23 16-0286		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,649.04	432.89
27 14 23 16-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,013.60	432.89
27 14 23 16-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,890.00	432.89
27 14 23 16-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,748.90	432.89
27 14 23 16-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,119.69	432.89
27 14 23 16-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,661.82	487.00
27 14 23 16-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,436.62	487.00
27 14 23 16-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,018.88	487.00
27 14 23 16-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,709.26	487.00
27 14 23 16-0296		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,297.26	432.89
27 14 23 16-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,073.71	432.89
27 14 23 16-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,531.60	432.89
27 14 23 16-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,171.42	432.89
27 14 23 16-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,392.74	432.89
27 14 23 16-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,084.30	487.00
27 14 23 16-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,467.85	487.00
27 14 23 16-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,279.73	487.00
27 14 23 16-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,493.26	487.00
27 14 23 16-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*		
27 14 23 16-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,376.05	432.89
27 14 23 16-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,191.32	432.89
27 14 23 16-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,672.11	432.89
27 14 23 16-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,343.92	432.89
27 14 23 16-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,626.30	432.89
27 14 23 16-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,397.93	487.00

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,850.66	487.00
27 14 23 16-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,853.13	487.00
27 14 23 16-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,277.34	487.00

27 14 23 16-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)*
Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 14 23 16-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*

27 14 23 16-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,194.04	324.67
27 14 23 16-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,800.66	324.67
27 14 23 16-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,075.89	378.78
27 14 23 16-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,787.86	378.78

27 14 23 16-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*

27 14 23 16-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,409.18	324.67
27 14 23 16-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,111.49	324.67
27 14 23 16-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,497.21	378.78
27 14 23 16-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	10,101.19	378.78

27 14 23 16-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0001)*
Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.

27 14 23 16-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*

27 14 23 16-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,374.41	432.89
27 14 23 16-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,981.03	432.89
27 14 23 16-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,256.26	487.00
27 14 23 16-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,968.23	487.00

27 14 23 16-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*

27 14 23 16-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,589.55	432.89
27 14 23 16-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,291.86	432.89
27 14 23 16-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,677.58	487.00
27 14 23 16-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	10,281.56	487.00

27 14 23 16-0338 Outdoor Fiber Optic Cable *(27 14 23 16)*

27 14 23 16-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)*
Note: Excludes conduit or innerduct.

27 14 23 16-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0339)*

27 14 23 16-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,303.15	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.66*	
27 14 23 16-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,315.70	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.84*	
27 14 23 16-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,328.42	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.82*	
27 14 23 16-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,340.97	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.00*	
27 14 23 16-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,366.22	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.18*	
27 14 23 16-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,426.17	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*115.00*	
27 14 23 16-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,463.81	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*115.52*	
27 14 23 16-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,553.36	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,647.63	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.54*	
27 14 23 16-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,740.49	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*124.76*	
27 14 23 16-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,862.99	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*150.02*	
27 14 23 16-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,104.83	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*161.00*	
27 14 23 16-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,347.89	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.63*	
27 14 23 16-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,599.68	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*205.60*	

27 14 23 16-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,422.63	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.41*	
27 14 23 16-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,552.67	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.14*	
27 14 23 16-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,685.78	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.49*	
27 14 23 16-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,817.51	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.02*	
27 14 23 16-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,080.96	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.11*	
27 14 23 16-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,497.39	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*126.85*	
27 14 23 16-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,892.57	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*128.24*	
27 14 23 16-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,696.16	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.59*	
27 14 23 16-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,504.64	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*162.74*	
27 14 23 16-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,311.89	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*173.89*	
27 14 23 16-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,160.44	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*208.91*	
27 14 23 16-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,871.65	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*239.93*	
27 14 23 16-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,602.56	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*289.75*	
27 14 23 16-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	11,367.78	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*292.20*	

27 14 23 16-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*

27 14 23 16-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,358.79	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*99.94*	
27 14 23 16-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,454.88	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*107.18*	
27 14 23 16-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,550.82	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.24*	
27 14 23 16-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,669.34	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*130.05*	
27 14 23 16-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,839.08	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.61*	
27 14 23 16-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,139.17	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.53*	
27 14 23 16-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,423.44	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*166.21*	
27 14 23 16-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,967.49	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*184.70*	
27 14 23 16-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,603.83	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*212.37*	
27 14 23 16-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,191.58	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*228.52*	
27 14 23 16-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,811.92	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*258.65*	
27 14 23 16-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,066.57	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.82*	
27 14 23 16-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,341.37	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*330.05*	
27 14 23 16-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,635.85	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*303.17*	

27 14 23 16-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0339)*

27 14 23 16-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,387.13	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.11*	
27 14 23 16-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,399.86	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,412.22	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.81*	
27 14 23 16-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,424.95	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*148.80*	
27 14 23 16-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,449.86	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*149.85*	
27 14 23 16-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,504.92	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.24*	
27 14 23 16-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,542.56	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.11*	
27 14 23 16-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,636.47	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.42*	
27 14 23 16-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,730.74	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*156.82*	
27 14 23 16-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,823.60	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*158.91*	
27 14 23 16-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,953.42	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*169.02*	
27 14 23 16-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,202.41	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*192.53*	
27 14 23 16-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,483.98	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*200.38*	
27 14 23 16-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,713.80	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*221.47*	

27 14 23 16-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,505.62	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.41*	
27 14 23 16-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,636.13	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.59*	
27 14 23 16-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,643.50	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*157.99*	
27 14 23 16-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,897.83	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*163.09*	
27 14 23 16-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,159.37	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*170.92*	
27 14 23 16-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,569.00	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*183.12*	
27 14 23 16-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,961.40	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.62*	
27 14 23 16-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,764.99	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*236.62*	
27 14 23 16-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,568.41	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*242.02*	
27 14 23 16-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,374.44	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*261.72*	
27 14 23 16-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,218.11	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*288.90*	
27 14 23 16-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,926.02	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*285.06*	
27 14 23 16-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,744.74	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*293.59*	
27 14 23 16-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	11,426.67	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*333.15*	

27 14 23 16-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,423.67	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.45*	
27 14 23 16-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,517.76	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.61*	
27 14 23 16-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,611.70	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*145.76*	
27 14 23 16-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,705.79	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.90*	
27 14 23 16-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,949.52	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.69*	
27 14 23 16-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,188.52	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*196.50*	
27 14 23 16-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,481.37	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*213.44*	
27 14 23 16-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,048.22	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.71*	
27 14 23 16-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,625.67	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.14*	
27 14 23 16-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,205.11	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.45*	
27 14 23 16-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,814.38	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*375.20*	
27 14 23 16-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,050.74	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*442.41*	
27 14 23 16-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,177.86	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*457.34*	
27 14 23 16-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,581.74	649.33
		For Corrugated Coated Steel Tape Armored Cable, Add	*472.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0432		Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)* Note: Excludes trenching.		
27 14 23 16-0433		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*		
27 14 23 16-0434		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*		
27 14 23 16-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,212.96	
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.66*	
27 14 23 16-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,225.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.84*	
27 14 23 16-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,238.23	
		For Corrugated Coated Steel Tape Armored Cable, Add	*118.82*	
27 14 23 16-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,250.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.00*	
27 14 23 16-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,276.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.18*	
27 14 23 16-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,335.98	
		For Corrugated Coated Steel Tape Armored Cable, Add	*115.00*	
27 14 23 16-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,373.62	
		For Corrugated Coated Steel Tape Armored Cable, Add	*115.52*	
27 14 23 16-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,463.17	
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.32*	
27 14 23 16-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,557.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.54*	
27 14 23 16-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,650.30	
		For Corrugated Coated Steel Tape Armored Cable, Add	*124.76*	
27 14 23 16-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,772.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*150.02*	
27 14 23 16-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,014.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*161.00*	
27 14 23 16-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,257.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*190.63*	
27 14 23 16-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,509.49	
		For Corrugated Coated Steel Tape Armored Cable, Add	*205.60*	
27 14 23 16-0449		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*		
27 14 23 16-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,332.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.41*	
27 14 23 16-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,462.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.14*	
27 14 23 16-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,595.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*122.49*	
27 14 23 16-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,727.32	
		For Corrugated Coated Steel Tape Armored Cable, Add	*123.02*	
27 14 23 16-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,990.77	
		For Corrugated Coated Steel Tape Armored Cable, Add	*125.11*	
27 14 23 16-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,407.20	
		For Corrugated Coated Steel Tape Armored Cable, Add	*126.85*	
27 14 23 16-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,802.38	
		For Corrugated Coated Steel Tape Armored Cable, Add	*128.24*	
27 14 23 16-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,605.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.59*	
27 14 23 16-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,414.45	
		For Corrugated Coated Steel Tape Armored Cable, Add	*162.74*	
27 14 23 16-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,221.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*173.89*	
27 14 23 16-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,070.25	
		For Corrugated Coated Steel Tape Armored Cable, Add	*208.91*	
27 14 23 16-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,781.46	
		For Corrugated Coated Steel Tape Armored Cable, Add	*239.93*	
27 14 23 16-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,512.37	
		For Corrugated Coated Steel Tape Armored Cable, Add	*289.75*	
27 14 23 16-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	11,277.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*292.20*	
27 14 23 16-0464		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*		
27 14 23 16-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,268.60	
		For Corrugated Coated Steel Tape Armored Cable, Add	*99.94*	
27 14 23 16-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,364.69	
		For Corrugated Coated Steel Tape Armored Cable, Add	*107.18*	
27 14 23 16-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,460.63	
		For Corrugated Coated Steel Tape Armored Cable, Add	*114.24*	
27 14 23 16-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,579.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*130.05*	
27 14 23 16-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,748.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.61*	
27 14 23 16-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,048.98	
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.53*	
27 14 23 16-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,333.25	
		For Corrugated Coated Steel Tape Armored Cable, Add	*166.21*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0472		MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,877.30	
			For Corrugated Coated Steel Tape Armored Cable, Add	*184.70*	
27 14 23 16-0473		MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,513.64	
			For Corrugated Coated Steel Tape Armored Cable, Add	*212.37*	
27 14 23 16-0474		MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,101.39	
			For Corrugated Coated Steel Tape Armored Cable, Add	*228.52*	
27 14 23 16-0475		MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,721.73	
			For Corrugated Coated Steel Tape Armored Cable, Add	*258.65*	
27 14 23 16-0476		MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,976.38	
			For Corrugated Coated Steel Tape Armored Cable, Add	*290.82*	
27 14 23 16-0477		MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,251.18	
			For Corrugated Coated Steel Tape Armored Cable, Add	*330.05*	
27 14 23 16-0478		MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,545.66	
			For Corrugated Coated Steel Tape Armored Cable, Add	*303.17*	

27 14 23 16-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*

27 14 23 16-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0481		MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,296.94	
			For Corrugated Coated Steel Tape Armored Cable, Add	*148.11*	
27 14 23 16-0482		MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,309.67	
			For Corrugated Coated Steel Tape Armored Cable, Add	*148.11*	
27 14 23 16-0483		MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,322.03	
			For Corrugated Coated Steel Tape Armored Cable, Add	*148.81*	
27 14 23 16-0484		MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,334.76	
			For Corrugated Coated Steel Tape Armored Cable, Add	*148.80*	
27 14 23 16-0485		MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,359.67	
			For Corrugated Coated Steel Tape Armored Cable, Add	*149.85*	
27 14 23 16-0486		MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,414.73	
			For Corrugated Coated Steel Tape Armored Cable, Add	*151.24*	
27 14 23 16-0487		MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,452.37	
			For Corrugated Coated Steel Tape Armored Cable, Add	*152.11*	
27 14 23 16-0488		MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,546.28	
			For Corrugated Coated Steel Tape Armored Cable, Add	*151.42*	
27 14 23 16-0489		MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,640.55	
			For Corrugated Coated Steel Tape Armored Cable, Add	*156.82*	
27 14 23 16-0490		MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,733.41	
			For Corrugated Coated Steel Tape Armored Cable, Add	*158.91*	
27 14 23 16-0491		MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,863.23	
			For Corrugated Coated Steel Tape Armored Cable, Add	*169.02*	
27 14 23 16-0492		MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,112.22	
			For Corrugated Coated Steel Tape Armored Cable, Add	*192.53*	
27 14 23 16-0493		MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,393.79	
			For Corrugated Coated Steel Tape Armored Cable, Add	*200.38*	
27 14 23 16-0494		MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,623.61	
			For Corrugated Coated Steel Tape Armored Cable, Add	*221.47*	

27 14 23 16-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0496		MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,415.43	
			For Corrugated Coated Steel Tape Armored Cable, Add	*151.41*	
27 14 23 16-0497		MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,545.94	
			For Corrugated Coated Steel Tape Armored Cable, Add	*155.59*	
27 14 23 16-0498		MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,553.31	
			For Corrugated Coated Steel Tape Armored Cable, Add	*157.99*	
27 14 23 16-0499		MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,807.64	
			For Corrugated Coated Steel Tape Armored Cable, Add	*163.09*	
27 14 23 16-0500		MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,069.18	
			For Corrugated Coated Steel Tape Armored Cable, Add	*170.92*	
27 14 23 16-0501		MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,478.81	
			For Corrugated Coated Steel Tape Armored Cable, Add	*183.12*	
27 14 23 16-0502		MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,871.21	
			For Corrugated Coated Steel Tape Armored Cable, Add	*194.62*	
27 14 23 16-0503		MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,674.80	
			For Corrugated Coated Steel Tape Armored Cable, Add	*236.62*	
27 14 23 16-0504		MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,478.22	
			For Corrugated Coated Steel Tape Armored Cable, Add	*242.02*	
27 14 23 16-0505		MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,284.25	
			For Corrugated Coated Steel Tape Armored Cable, Add	*261.72*	
27 14 23 16-0506		MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,127.92	
			For Corrugated Coated Steel Tape Armored Cable, Add	*288.90*	
27 14 23 16-0507		MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,835.83	
			For Corrugated Coated Steel Tape Armored Cable, Add	*285.06*	
27 14 23 16-0508		MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,654.55	
			For Corrugated Coated Steel Tape Armored Cable, Add	*293.59*	
27 14 23 16-0509		MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	11,336.48	
			For Corrugated Coated Steel Tape Armored Cable, Add	*333.15*	

27 14 23 16-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0511		MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,333.48	
			For Corrugated Coated Steel Tape Armored Cable, Add	*125.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,427.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*135.61*	
27 14 23 16-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,521.51	
		For Corrugated Coated Steel Tape Armored Cable, Add	*145.76*	
27 14 23 16-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,615.60	
		For Corrugated Coated Steel Tape Armored Cable, Add	*155.90*	
27 14 23 16-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,859.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*167.69*	
27 14 23 16-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,098.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*196.50*	
27 14 23 16-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,391.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*213.44*	
27 14 23 16-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,958.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.71*	
27 14 23 16-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,535.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*302.14*	
27 14 23 16-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,114.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.45*	
27 14 23 16-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,724.19	
		For Corrugated Coated Steel Tape Armored Cable, Add	*375.20*	
27 14 23 16-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,960.55	
		For Corrugated Coated Steel Tape Armored Cable, Add	*442.41*	
27 14 23 16-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,277.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*457.34*	
27 14 23 16-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,491.55	
		For Corrugated Coated Steel Tape Armored Cable, Add	*472.12*	

27 14 23 16-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0338)*

27 14 23 16-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0525)*

27 14 23 16-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0526)*

27 14 23 16-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,589.70	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*115.69*	
27 14 23 16-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,604.16	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*116.22*	
27 14 23 16-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,618.80	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*116.57*	
27 14 23 16-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,633.61	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*116.91*	
27 14 23 16-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,662.70	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*117.79*	
27 14 23 16-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,725.61	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*119.70*	
27 14 23 16-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,769.34	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*121.27*	
27 14 23 16-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,877.54	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*124.41*	
27 14 23 16-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,961.36	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*141.66*	
27 14 23 16-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,085.59	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*144.45*	
27 14 23 16-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,201.11	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*163.43*	
27 14 23 16-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,468.92	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*181.38*	
27 14 23 16-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,738.46	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*211.00*	
27 14 23 16-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,023.52	2,377.45
		For Corrugated Coated Steel Tape Armored Cable, Add	*234.35*	

27 14 23 16-0542 Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 14 23 16-0543 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*

27 14 23 16-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,101.74	541.10
27 14 23 16-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,948.14	541.10
27 14 23 16-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,833.62	541.10

27 14 23 16-0547 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*

27 14 23 16-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,181.28	541.10
27 14 23 16-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,662.28	541.10
27 14 23 16-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,766.29	541.10

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)* Note: Singlemode and multimode combination cable. Excludes trenching.		
27 14 23 16-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*		
27 14 23 16-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,011.55	496.02
27 14 23 16-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,857.95	496.02
27 14 23 16-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,743.43	496.02
27 14 23 16-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*		
27 14 23 16-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,091.09	496.02
27 14 23 16-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,572.09	496.02
27 14 23 16-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,676.10	496.02
27 14 33		**Communications Coaxial Cabling** *(27 14)*		
27 14 33 16		**Communications Coaxial Cabling** *(27 14 33)*		
27 14 33 16-0001		Indoor Coaxial Cable *(27 14 33 16)*		
27 14 33 16-0002		Coaxial Distribution Cable *(27 14 33 16-0001)* Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal		
27 14 33 16-0003	MLF	RG-6/U Coaxial Distribution Cable, In Conduit	1,548.91	263.83
27 14 33 16-0004	MLF	RG-6A/U Coaxial Distribution Cable, In Conduit	5,247.02	263.83
27 14 33 16-0005	MLF	RG-8/U Coaxial Distribution Cable, In Conduit	2,859.31	278.68
27 14 33 16-0006	MLF	RG-8A/U Coaxial Distribution Cable, In Conduit	3,553.97	278.68
27 14 33 16-0007	MLF	RG-11/U Coaxial Distribution Cable, In Conduit	3,216.53	329.79
27 14 33 16-0008	MLF	RG-11A/U Coaxial Distribution Cable, In Conduit	4,559.95	329.79
27 14 33 16-0009	MLF	RG-11/U Coaxial Distribution Cable, In Plenum	10,187.40	659.59
27 14 33 16-0010	MLF	RG-58/U Coaxial Distribution Cable, In Conduit	1,166.93	230.86
27 14 33 16-0011	MLF	RG-58A/U Coaxial Distribution Cable, In Conduit	1,304.58	230.86
27 14 33 16-0012	MLF	RG-58C/U Coaxial Distribution Cable, In Conduit	1,547.07	230.86
27 14 33 16-0013	MLF	RG-58/U Coaxial Distribution Cable, In Plenum	3,708.08	461.71
27 14 33 16-0014	MLF	RG-59/U Coaxial Distribution Cable, In Conduit	1,810.03	230.86
27 14 33 16-0015	MLF	RG-59/U Coaxial Distribution Cable, In Plenum	4,429.56	461.71
27 14 33 16-0016	MLF	1/2" Hard Line Coaxial, In Conduit	1,938.17	461.71
27 14 33 16-0017		Coaxial, Indoor Telecommunications Cable *(27 14 33 16-0001)*		
27 14 33 16-0018		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 14 33 16-0017)*		
27 14 33 16-0019	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,016.72	378.78
27 14 33 16-0020	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	2,116.07	378.78
27 14 33 16-0021	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	907.07	432.89
27 14 33 16-0022	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	2,639.32	432.89
27 14 33 16-0023		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 14 33 16-0017)*		
27 14 33 16-0024	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	1,648.02	757.55
27 14 33 16-0025	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	2,747.37	757.55
27 14 33 16-0026	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	1,628.56	865.77
27 14 33 16-0027	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	3,360.81	865.77
27 14 33 16-0028		Outdoor Coaxial Cable *(27 14 33 16)*		
27 14 33 16-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 14 33 16-0028)* Note: Corrugated steel armor jacket.		
27 14 33 16-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	4,616.63	1,234.42
27 14 33 16-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	2,955.83	868.26
27 14 33 16-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	2,386.43	512.25
27 14 33 16-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,422.19	512.25
27 14 33 16-0034	MLF	TV Coaxial Cable Drop 1/4" Diameter, Placed In Conduit	2,142.59	800.40
27 14 43		**Communications Faceplates And Connectors** *(27 14)*		
27 14 43 00-0001		Plastic Communications Faceplates *(27 14 43)* Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	6.70	2.26
27 14 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	6.70	2.26
27 14 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	6.70	2.26
27 14 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	6.70	2.26
27 14 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	6.70	2.26
27 14 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	10.14	2.26
27 14 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	10.14	2.26
27 14 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	10.14	2.26
27 14 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	10.14	2.26
27 14 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	10.14	2.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0012		**Stainless Steel Communications Faceplates** *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0013		**Stainless Steel Communications Faceplates** *(27 14 43 00-0012)*		
27 14 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	11.98	2.26
27 14 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	11.98	2.26
27 14 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	11.98	2.26
27 14 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	12.75	2.26
27 14 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	12.75	2.26
27 14 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	16.91	2.26
27 14 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	17.40	2.26
27 14 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	20.01	2.26
27 14 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	20.01	2.26
27 14 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	20.01	2.26
27 14 43 00-0024		**Stainless Steel Communications Faceplates With Station ID** *(27 14 43 00-0012)*		
27 14 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.82	2.26
27 14 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.82	2.26
27 14 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.82	2.26
27 14 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.82	2.26
27 14 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	16.82	2.26
27 14 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	35.31	2.26
27 14 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	35.31	2.26
27 14 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	35.31	2.26
27 14 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	35.31	2.26
27 14 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	35.31	2.26
27 14 43 00-0035		**Snap-In Modular Jacks** *(27 14 43)*		
		Note: Includes termination.		
27 14 43 00-0036	EA	Cat 3, Snap-In Modular Jack	23.58	9.03
27 14 43 00-0037	EA	Cat 5E, Snap-In Modular Jack	24.64	9.03
27 14 43 00-0038	EA	Cat 5E Shielded, Snap-In Modular Jack	27.84	9.03
27 14 43 00-0039	EA	Cat 6, Snap-In Modular Jack	27.84	9.03
27 14 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack	31.42	9.03
27 14 43 00-0041	EA	Cat 6A, Snap-In Modular Jack	31.96	9.03
27 14 43 00-0042	EA	Voice, RJ-11, Snap-In Modular Jack	15.47	4.52
27 14 43 00-0043	EA	SC Type Fiber Optic, Snap-In Modular Jack	26.00	9.03
27 14 43 00-0044	EA	ST Type Fiber Optic, Snap-In Modular Jack	28.71	9.03
27 14 43 00-0045	EA	LC Type Fiber Optic, Snap-In Modular Jack	34.04	9.03
27 14 43 00-0046	EA	Blank Fill In, Snap-In Modular Jack	5.02	2.26
27 14 43 00-0047	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	5.65	2.26
27 14 43 00-0048	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	19.46	6.77
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*1.03*	
27 14 43 00-0049	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	19.65	6.77
		Note: Includes female to female connection.		
27 14 43 00-0050	EA	RCA Solder Coupler, Snap-In Modular Jack	40.68	9.03
27 14 43 00-0051	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	48.52	9.03
27 14 43 00-0052	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	24.35	9.03
27 14 43 00-0053	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	24.02	4.52
27 14 43 00-0054	EA	BNC Connector, Snap-In Modular Jack	27.55	9.03
27 14 43 00-0055	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	30.45	9.03
27 14 43 00-0056	PR	Speaker Connectors, Snap-In Modular Jack	40.80	13.55
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 14 43 00-0057	EA	USB Audio Video Connector, Snap-In Modular Jack	43.81	9.03
27 14 43 00-0058		**Surface Mount Plastic Communication Boxes** *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0059	EA	One Port, Surface Mount Plastic Communication Box With Station ID	25.34	11.29
27 14 43 00-0060	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	25.82	11.29
27 14 43 00-0061	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	29.16	11.29
27 14 43 00-0062	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	33.13	11.29
27 14 43 00-0063	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	37.30	11.29
27 14 43 00-0064		**Wall Mounted Telephone Faceplates** *(27 14 43)*		
		Note: Includes standard telephone mounting studs.		
27 14 43 00-0065		**Plastic Faceplates For Wall Mounted Telephones** *(27 14 43 00-0064)*		
27 14 43 00-0066	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	29.25	11.27
27 14 43 00-0067		**Stainless Steel Faceplates For Wall Mounted Telephones** *(27 14 43 00-0064)*		
27 14 43 00-0068	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	22.58	4.51
		Note: Requires one snap-in modular jack.		
27 14 43 00-0069	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	40.86	11.27
27 14 43 00-0070	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	47.74	13.53
27 14 43 00-0071	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	21.78	4.51
		Note: Requires one snap-in modular jack.		
27 14 43 00-0072	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	37.51	11.27
27 14 43 00-0073	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	44.49	13.53

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0074		Communications Equipment Labeling *(27 14 43)*		
27 14 43 00-0075	EA	Label Both Ends Of One 4 Pair Cable	17.76	
27 14 43 00-0076	EA	Label single gang face plate (2 labels required)	14.20	
27 14 43 00-0077	EA	Label two gang face plate (4 labels required)	21.30	
27 14 43 00-0078	EA	Label both ends of a Siamese (dual 4 Pair cable)	17.76	
27 14 53		**Communications Cable Innerduct** *(27 14)*		
		Note: Includes pull rope. Excludes conduit.		
27 14 53 00-0001		Indoor Innerduct *(27 14 53)*		
27 14 53 00-0002		Indoor Innerduct, Installed In Conduit *(27 14 53 00-0001)*		
27 14 53 00-0003		Riser Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	3,319.00	1,352.77
27 14 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	4,325.27	1,803.69
27 14 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	5,670.90	2,254.62
27 14 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	6,664.12	2,705.53
27 14 53 00-0008		Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0009	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	4,624.25	1,352.77
27 14 53 00-0010	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	5,852.41	1,803.69
27 14 53 00-0011	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,694.04	2,254.62
27 14 53 00-0012	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	9,274.62	2,705.53
27 14 53 00-0013		Indoor Innerduct, Installed Exposed *(27 14 53 00-0001)*		
27 14 53 00-0014		Riser Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0015	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	4,220.85	1,803.69
27 14 53 00-0016	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	5,227.12	2,254.62
27 14 53 00-0017	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	6,572.75	2,705.53
27 14 53 00-0018	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	7,565.96	3,156.46
27 14 53 00-0019		Plenum Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0020	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	5,526.10	1,803.69
27 14 53 00-0021	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	6,754.26	2,254.62
27 14 53 00-0022	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	8,595.89	2,705.53
27 14 53 00-0023	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	10,176.46	3,156.46
27 14 53 00-0024		Outdoor Innerduct *(27 14 53)*		
27 14 53 00-0025		Outdoor Innerduct, Installed In Conduit *(27 14 53 00-0024)*		
27 14 53 00-0026	MLF	1" Outdoor Innerduct, Installed In Conduit	3,162.37	1,352.77
27 14 53 00-0027	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	4,094.30	1,803.69
27 14 53 00-0028	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	5,203.88	2,254.62
27 14 53 00-0029	MLF	2" Outdoor Innerduct, Installed In Conduit	6,222.16	2,705.53
27 14 53 00-0030		Outdoor Innerduct, Buried In Trench *(27 14 53 00-0024)*		
27 14 53 00-0031	MLF	1" Outdoor Innerduct, Buried In Trench	2,260.53	
27 14 53 00-0032	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	3,192.45	
27 14 53 00-0033	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	4,302.03	
27 14 53 00-0034	MLF	2" Outdoor Innerduct, Buried In Trench	5,320.31	
27 14 63		**Communications Multimedia Modular Patch Panels** *(27 14)*		
27 14 63 00-0001		Communications Multimedia Modular Patch Panels *(27 14 63)*		
		Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 63 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	75.24	4.51
27 14 63 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	82.92	4.51
27 14 63 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	97.79	4.51
27 14 63 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	102.36	4.51
27 14 63 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	112.13	5.63
27 14 63 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	106.14	4.51
27 14 63 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	133.20	5.63
27 14 63 00-0009	EA	Rack Mount Rear Cable Management Bar	37.79	5.63
27 16		**Communications Connecting Cords, Devices, And Adapters** *(27 10)*		
27 16 16		**Communications Media Converters, Adapters, and Transceivers** *(27 16)*		
27 16 16 00-0001		Fiber Optic Receivers *(27 16 16)*		
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	499.08	45.09
27 16 16 00-0003		Fiber Optic Transmitters *(27 16 16)*		
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	499.08	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 16 00-0005		Fiber Optic Repeaters *(27 16 16)*		
		Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	589.26	90.19
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	950.45	180.37
27 16 16 00-0008		Fiber Optic Transceivers *(27 16 16)*		
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	673.08	180.37
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	673.08	180.37
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	873.68	270.56
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	294.03	67.64
27 16 19		**Communications Patch Cords, Station Cords, And Cross Connect Wire** ***(27 16)***		
27 16 19 00-0001		Cross Connect Wire *(27 16 19)*		
		Note: Up to 20' length.		
27 16 19 00-0002	EA	2-Pair Cross Connect Wire	14.36	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	19.23	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	24.05	
27 16 19 00-0005		Fiber Optic Patch Cords *(27 16 19)*		
27 16 19 00-0006		Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0007		Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*		
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	31.41	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	26.00	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	33.03	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	27.24	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	31.18	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	30.74	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0014		Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0015		Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	53.14	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	51.62	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	57.04	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	44.81	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	52.69	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	51.83	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0022		Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	40.64	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	44.18	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	44.54	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	45.68	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	40.79	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	45.88	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	53.54	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	37.54	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	45.21	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0032		Fiber Optic Cable Pig Tail *(27 16 19)*		
27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	57.48	31.56
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	70.31	31.56
27 16 19 00-0035		Ethernet Patch Cords *(27 16 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	13.45	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	14.19	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	14.92	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	20.54	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	22.38	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	26.06	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	14.49	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	15.44	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	16.38	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	22.31	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	24.68	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	29.42	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	41.25	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	69.45	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	18.45	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	20.30	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	22.16	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	29.45	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	34.09	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	43.36	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	66.54	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	117.43	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,042.22	180.37
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	1,894.07	180.37

27 21 16 00-0004 Ethernet Hubs and Switches *(27 21 16)*

27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	2,188.94	135.48
27 21 16 00-0006	EA	16 Port Unmanaged Hub	405.09	90.32

27 21 16 00-0007 Network Equipment *(27 21 16)*

27 21 16 00-0008 Communications Entrance Protection *(27 21 16 00-0007)*

27 21 16 00-0009	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	640.52	67.74
27 21 16 00-0010	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	7.78	0.90

27 21 16 00-0011 Communications Cabinets, Racks, Frames And Enclosures *(27 21 16 00-0007)*

27 21 16 00-0012	EA	19" Width x 24" Depth x 36" Height, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	769.84	67.74
27 21 16 00-0013	EA	10 Outlet, 125 Volt, 20 Amp Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	671.27	4.52
27 21 16 00-0014	EA	Fan Kit For Telecommunications Cabinet (Chatsworth 12804-701)	124.48	18.06

27 21 16 00-0015 Communications Termination Blocks And Patch Panels *(27 21 16 00-0007)*

27 21 16 00-0016 Communications Termination Blocks *(27 21 16 00-0015)*

27 21 16 00-0017	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	240.90	13.53
27 21 16 00-0018	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	224.35	13.53
27 21 16 00-0019	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	534.75	13.53
27 21 16 00-0020	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	497.51	13.53
27 21 16 00-0021	EA	110 Connector System Mounting Brackets (CommScope 107535593)	77.00	13.53
27 21 16 00-0022	EA	110 Connector System Mounting Brackets (CommScope 107535585)	83.02	13.53
27 21 16 00-0023	EA	110 Connector System Mounting Brackets (CommScope 107098816)	94.28	13.53

27 21 16 00-0024 Communications Copper Patch Panels *(27 21 16 00-0015)*

Note: Excludes cabinet and terminations.

27 21 16 00-0025	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	240.54	29.35
27 21 16 00-0026	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	435.92	36.13
27 21 16 00-0027	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	353.98	29.35
27 21 16 00-0028	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	658.08	36.13

27 21 16 00-0029 Communications Optical Fiber Patch Panels *(27 21 16 00-0015)*

27 21 16 00-0030 Closet Connector Housings *(27 21 16 00-0029)*

27 21 16 00-0031	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	273.74	18.06
27 21 16 00-0032	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	318.68	18.06
27 21 16 00-0033	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	396.17	18.06
27 21 16 00-0034	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	86.18	9.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0035	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	116.65	9.03
27 21 16 00-0036	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	96.94	9.03
27 21 16 00-0037	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	126.50	9.03
27 21 16 00-0038		Communications Cable Management *(27 21 16 00-0007)*		
27 21 16 00-0039		Horizontal Communication Cable Management *(27 21 16 00-0038)*		
27 21 16 00-0040	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	93.05	18.06
27 21 16 00-0041	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	96.00	18.06
27 21 16 00-0042		Vertical Communication Cable Management *(27 21 16 00-0038)*		
27 21 16 00-0043	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	538.06	45.16
27 21 16 00-0044	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	557.12	45.16
27 21 16 00-0045	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	600.08	45.16
27 21 16 00-0046		Communications Patch Cords, Station Cords, And Cross Connect Wire *(27 21 16 00-0007)*		
27 21 16 00-0047		Premise Cross-Connect Wire *(27 21 16 00-0046)*		
27 21 16 00-0048	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	0.93	0.45
27 21 16 00-0049		Pathways For Communications Systems *(27 21 16 00-0007)*		
27 21 16 00-0050		Conduits And Backboxes For Communication Systems *(27 21 16 00-0049)*		
27 21 16 00-0051		Flexible Conduit For Communication Systems *(27 21 16 00-0050)*		
27 21 16 00-0052	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	365.00	162.33
27 21 16 00-0053	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	519.27	162.33
27 21 16 00-0054		Tube Cables For Communication Systems *(27 21 16 00-0050)*		
27 21 16 00-0055		Outdoor/All-Dielectric Tube Cables *(27 21 16 00-0054)*		
27 21 16 00-0056	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	310.21	108.22
27 21 16 00-0057	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	461.43	135.28
27 21 16 00-0058	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	763.72	162.33
27 21 16 00-0059		Indoor/Riser Rated Tube Cables *(27 21 16 00-0054)*		
27 21 16 00-0060	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	355.16	108.22
27 21 16 00-0061	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	433.89	121.75
27 21 16 00-0062	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	492.64	135.28
27 21 16 00-0063	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	904.80	162.33
27 21 16 00-0064		Indoor/Plenum Rated Tube Cables *(27 21 16 00-0054)*		
27 21 16 00-0065	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	261.52	108.22
27 21 16 00-0066	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	376.38	108.22
27 21 16 00-0067	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	578.72	121.75
27 21 16 00-0068	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	840.97	135.28
27 21 16 00-0069	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	2,609.00	162.33
27 21 16 00-0070		Unjacketed Single Tube Cables *(27 21 16 00-0054)*		
27 21 16 00-0071	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	226.56	108.22
27 21 16 00-0072		Multimode Fiber Bundles *(27 21 16 00-0054)* Note: Includes optical fiber cables.		
27 21 16 00-0073	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	96.56	32.47
27 21 16 00-0074	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	145.25	32.47
27 21 16 00-0075	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	197.69	32.47
27 21 16 00-0076	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	357.50	32.47
27 21 16 00-0077	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	517.58	37.88
27 21 16 00-0078	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	677.39	37.88
27 21 16 00-0079		Singlemode Fiber Bundles *(27 21 16 00-0054)* Note: Includes optical fiber cables.		
27 21 16 00-0080	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	86.57	32.47
27 21 16 00-0081	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	107.80	32.47
27 21 16 00-0082	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	125.27	32.47
27 21 16 00-0083	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	158.98	32.47
27 21 16 00-0084	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	242.91	37.88
27 21 16 00-0085	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	319.07	37.88
27 21 16 00-0086		Tube Distribution Cabinets *(27 21 16 00-0054)*		
27 21 16 00-0087	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	187.41	45.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0088		Modular Fiber Termination Cabinets *(27 21 16 00-0054)*		
27 21 16 00-0089	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	236.37	45.16
27 21 16 00-0090	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	251.85	45.16
27 21 16 00-0091		Tube Distribution Accessories *(27 21 16 00-0054)*		
27 21 16 00-0092	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	10.77	4.52
27 21 16 00-0093	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	11.85	4.52
27 21 16 00-0094	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	14.65	4.52
27 21 16 00-0095		Communications Optical Fiber Cabling *(27 21 16 00-0007)*		
27 21 16 00-0096		Communications Optical Fiber Cable Splicing And Terminations *(27 21 16 00-0095)*		
27 21 16 00-0097		Field Installed Fiber Connectors *(27 21 16 00-0096)*		
27 21 16 00-0098	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	31.13	6.77
27 21 16 00-0099	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	27.55	6.77
27 21 16 00-0100		Buffer Tube Fan-Out Kits *(27 21 16 00-0096)*		
27 21 16 00-0101		Buffer Tube Breakout Kits (Sumitomo) *(27 21 16 00-0100)* Note: Includes 900 micron tubing.		
27 21 16 00-0102	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	195.35	90.19
27 21 16 00-0103	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	199.10	90.19
27 21 16 00-0104	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	202.41	90.19
27 21 16 00-0105	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	212.68	90.19
27 21 16 00-0106	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	226.74	90.19
27 21 16 00-0107	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	237.18	90.19
27 21 16 00-0108		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0100)*		
27 21 16 00-0109	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	197.09	90.19
27 21 16 00-0110	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	234.18	90.19
27 21 16 00-0111		Communications Copper Cabling *(27 21 16 00-0007)*		
27 21 16 00-0112		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0111)*		
27 21 16 00-0113		Copper Communications Cable Splice Cases *(27 21 16 00-0112)*		
27 21 16 00-0114	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	737.11	180.37
27 21 16 00-0115	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	844.68	180.37
27 21 16 00-0116	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	1,202.13	180.37
27 21 16 00-0117		Modular Splice Connectors *(27 21 16 00-0112)*		
27 21 16 00-0118	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	95.41	45.09
27 21 16 00-0119	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	94.25	45.09
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	95.43	45.09
27 21 16 00-0121	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	95.27	45.09

27 30 Voice Communications *(27)*

27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems *(27 31)*

27 31 13 00-0001		Interior PBX Telephone System *(27 31 13)* Note: Includes telephone instruments cabling and solid state switching.		
27 31 13 00-0002		Interior PBX Telephone System *(27 31 13 00-0001)* Note: Cost is for each line up to 1000 lines.		
27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,215.55	470.45
27 31 13 00-0004		Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*		
27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	356.97	36.98
27 31 13 00-0006		Telephones *(27 31 13 00-0001)*		
27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	150.48	35.17
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	174.19	46.90

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 19 Interior Telephone System *(27 32)*

27 32 19 00-0001		Components *(27 32 19)*		
27 32 19 00-0002	EA	Solid State Exchange Unit With Power Supply	4,352.94	824.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 19 00-0003	EA	Dial Telephone - Handset In Cabinet	508.19	67.37
27 32 19 00-0004	EA	Elevator Cab Telephone With Trailer Cable	275.37	72.24
27 32 19 00-0005	EA	Loud Ring Bell, 6"	220.80	67.01
27 32 19 00-0006	EA	Audio/Visual Indicator	271.15	63.13
27 32 19 00-0007	EA	Administrative Telephone With Digital Display	278.25	56.64
27 32 19 00-0008	EA	Processing Unit For 16 Station System	1,462.05	462.02
27 32 19 00-0009	EA	Handset For 16 Station System	198.97	45.99
27 32 19 00-0010	EA	Handset In Cabinet, For 16 Station System	269.42	62.05
27 32 19 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,066.55	994.47
27 32 19 00-0012	EA	Power Supply For 16 Station System	280.00	122.74
27 32 19 00-0013	EA	Intercom Terminal Board	261.11	138.16
27 32 19 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	288.83	122.74
27 32 19 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	136.59	50.46
27 32 19 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	405.73	111.06
27 32 19 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	476.88	126.23
27 32 19 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	576.70	149.39
27 32 19 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	673.83	161.51
27 32 19 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,019.57	183.77
27 32 19 00-0021	EA	Ring Rung 3"	9.32	5.03
27 32 19 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	22.54	8.93
27 32 19 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	42.11	18.31

27 32 19 00-0024 Accessories *(27 32 19)*

27 32 19 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	10.08	4.87
27 32 19 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	21.84	18.76
27 32 19 00-0027	EA	Level 5, RJ-45 Jack, Dual Flush Mounted - Complete	53.89	20.61
27 32 19 00-0028	EA	Level 5, RJ-45 Jack, Wall Mount - Complete	51.08	20.61
27 32 19 00-0029	EA	Terminating Strips, Inside	103.54	41.23
27 32 19 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	45.64	21.19
27 32 19 00-0031	EA	Ready Access Closure 3 To 25 Pair	125.07	49.69
27 32 19 00-0032	EA	Ready Access Closure 25 To 100 Pair	146.14	55.55
27 32 19 00-0033	EA	Termination Block With Bracket 25 Pair	47.19	16.68
27 32 19 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	44.81	20.92
27 32 19 00-0035	EA	Interior Protected Terminal 25 Pair	533.81	120.49
27 32 19 00-0036	EA	Interior Protected Terminal 50 Pair	631.79	122.38
27 32 19 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	212.67	50.14
27 32 19 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	219.42	50.14
27 32 19 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	289.64	64.12
27 32 19 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	600.15	115.53
27 32 19 00-0041	EA	Entrance Protector Terminal 100 Pair	829.02	131.85
27 32 19 00-0042	EA	Gas Protection Module	12.97	4.51
27 32 19 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	22.31	4.12

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Standard features include: CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	6,450.58	370.27
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	6,757.54	370.27
27 32 26 00-0004	EA	Analog Speakerphone With Black “Info” Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2)	102.32	
27 32 26 00-0005	EA	Analog Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K)	153.48	
27 32 26 00-0006	EA	IP Speakerphone With Single Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP1)	383.69	
27 32 26 00-0007	EA	IP Speakerphone With Back “Info” Button And Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP2)	521.82	
27 32 26 00-0008	EA	IP Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K)	572.98	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	10.23	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	10.23	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	92.09	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	972.03	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	450.20	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	1,458.04	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	3,064.44	
27 32 26 00-0016	EA	Active Venting Code Blue Option	163.71	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	1,427.34	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	358.12	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	813.43	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	35.81	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 26 00-0021		City Police Call System *(27 32 26)*		
27 32 26 00-0022		Components *(27 32 26 00-0021)*		
27 32 26 00-0023	EA	City Police Call System	510.63	105.16
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	483.20	152.32

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001		Television Distribution System *(27 41 16)*		
		See CSI section 26 05 13 00-0001 for basic wiring, 26 05 19 16-0324 for basic wiring.		
27 41 16 00-0002		Television Support System *(27 41 16 00-0001)*		
27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	313.38	101.16
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	394.64	112.90
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	324.74	101.16
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	405.99	112.90
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	247.50	81.29
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	328.74	90.32
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	262.40	81.29
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	343.65	90.32
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	277.31	81.29
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	358.55	90.32
27 41 16 00-0013		Distribution System *(27 41 16 00-0001)*		
		See CSI section 26 05 13 00-0001 for wire and cabling.		
27 41 16 00-0014		TV Distribution Rack *(27 41 16 00-0013)*		
27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	978.39	165.85
27 41 16 00-0016	EA	Switch And Pilot Light	173.40	73.68
27 41 16 00-0017	LF	Surface Raceway With Outlets	21.29	10.01
27 41 16 00-0018	EA	Service Label	26.10	13.80
27 41 16 00-0019		Head End Amplifier *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	652.66	110.39
27 41 16 00-0021		UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	401.48	110.39
27 41 16 00-0023		Preamplifiers *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	489.93	110.39
27 41 16 00-0025	EA	UHF Preamplifier	401.48	110.39
27 41 16 00-0026		Power Supplies *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	699.90	157.73
27 41 16 00-0028		Line Splitter And Mixer *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	70.77	36.80
27 41 16 00-0030	EA	Two-Way Splitter	77.81	36.80
27 41 16 00-0031	EA	Frequency Filter	160.99	55.28
27 41 16 00-0032	EA	Line Splitter And Mixer	215.18	81.17
27 41 16 00-0033		Power Line Filters *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	297.22	73.68
27 41 16 00-0035		Wall Box And Receiver Outlets *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	160.99	55.28
27 41 16 00-0037	EA	TV Receiver Outlet Plug	77.81	36.80
27 41 16 00-0038	EA	TV Camera Outlet Plug	77.81	36.80
27 41 16 00-0039	EA	Audio Outlet Plug	68.99	36.80
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	142.44	73.68
27 41 16 00-0041	EA	Male Plug PL-259	77.81	36.80
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	95.82	38.60
27 41 16 00-0043		Metal And Electric Shop Antenna Systems *(27 41 16)*		
27 41 16 00-0044		Antenna *(27 41 16 00-0043)*		
27 41 16 00-0045	EA	Amateur Radio Antenna	620.10	135.28
27 41 16 00-0046	EA	Multi-Band Radio Antenna	493.40	135.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0047		Receptacles *(27 41 16 00-0043)*		
27 41 16 00-0048	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	152.15	55.28
27 41 16 00-0049	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	152.15	55.28

27 50 Distributed Communications And Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 33 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 33 00-0001		Amplifiers *(27 51 33)*		
27 51 33 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	341.19	90.32
27 51 33 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	461.52	90.32
27 51 33 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	538.77	90.32
27 51 33 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	593.88	90.32
27 51 33 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	727.43	90.32
27 51 33 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	927.13	90.32
27 51 33 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	37.30	4.52
27 51 33 00-0009		Speakers *(27 51 33)*		
27 51 33 00-0010	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	147.74	24.17
27 51 33 00-0011	EA	8" Steel Baffle (Atlas Sound 51-8)	42.66	4.51
27 51 33 00-0012	EA	T-Bar Support (Atlas Sound EZ95-8)	46.87	4.51
27 51 33 00-0013	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	69.39	4.51
27 51 33 00-0014	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	70.00	8.12
27 51 33 00-0015		Accessories *(27 51 33)*		
27 51 33 00-0016	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	175.40	11.29
27 51 33 00-0017	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	386.08	11.29
27 51 33 00-0018	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	109.10	22.58
27 51 33 00-0019	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	191.05	22.58
27 51 33 00-0020	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	143.12	22.55
27 51 33 00-0021	EA	Microphone Jack For Audio/Video System	73.19	22.58
27 51 33 00-0022	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	561.24	90.32
27 51 33 00-0023	EA	Volume Control For Audio/Video System (Bogen AT10A)	70.53	22.58
27 51 33 00-0024		Remove And Reinstall Speakers *(27 51 33)*		
		Note: Includes storage, cleaning and supply materials.		
27 51 33 00-0025	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	126.26	

27 52 Healthcare Communications And Monitoring Systems *(27 50)*

27 52 23 Nurse Call/Code Blue Systems *(27 52)*

27 52 23 00-0001		Wireless Equipment Nurses Call Systems *(27 52 23)*		
		Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.		
27 52 23 00-0002		Wireless Nurses Call System *(27 52 23 00-0001)*		
27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	4,676.24	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	5,256.10	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	3,268.37	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	2,665.32	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	2,401.43	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	2,137.44	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	541.31	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	265.75	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	19.81	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	388.74	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	388.74	
27 52 23 00-0014	EA	Remote Reset Button; S35R	377.95	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	264.21	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	24.43	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	321.23	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,019.91	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	660.52	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	520.28	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	520.28	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	637.41	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,090.09	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	2,148.46	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	5,831.75	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	1,994.30	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	10,208.48	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	48.98	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	44.35	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	22.78	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	10,028.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0032	EA	Serial Printer; NCSP	1,052.42	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	22.89	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	41.38	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	22.89	
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	4,518.74	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	635.34	
27 52 23 00-0038		Wireless Nurses Call Tele/Management System *(27 52 23 00-0001)*		
27 52 23 00-0039	EA	Tele/Management Unit; TP12	2,674.10	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	2,394.93	
27 52 23 00-0041		Wireless Nurses Call Paging System *(27 52 23 00-0001)*		
27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	7,569.91	
27 52 23 00-0043	EA	Replacement Antenna For RPE673; RPE673AN	527.83	
27 52 23 00-0044	EA	Replacement Power For RPE673; RPE673PS	703.52	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	856.09	
27 52 23 00-0046	EA	Replacement Holster For RPR583; RPR583H	50.39	
27 52 23 00-0047		Wireless Nurses Call System (Fisher-Berkley) *(27 52 23 00-0001)*		
		Note: Repair Parts: Alco Sales		
27 52 23 00-0048	EA	Staff Station (Fisher-Berkley AL-59900R)	538.90	
27 52 23 00-0049	EA	Area Central Module (Fisher-Berkley AL-59901R)	441.61	
27 52 23 00-0050	EA	Dual Patient (Fisher-Berkley AL-59902R)	506.52	
27 52 23 00-0051	EA	Code Blue (Fisher-Berkley AL-59903R)	311.89	
27 52 23 00-0052	EA	Bath Emergency Station (Fisher-Berkley AL-59904R)	452.42	
27 52 23 00-0053	EA	Single Station With Sidecoom (Fisher-Berkley AL-59905R)	571.33	
27 52 23 00-0054	EA	Dual Station With Sidecom (Fisher-Berkley AL-59906R)	756.96	
27 52 23 00-0055	EA	Single Patient Station (Fisher-Berkley AL-59907R)	333.51	
27 52 23 00-0056	EA	Duty Station (Fisher-Berkley AL-59908R)	355.13	
27 52 23 00-0057	EA	Master Station (Fisher-Berkley AL-59909R)	3,866.84	
27 52 23 00-0058	EA	Station In/Out Board (Fisher-Berkley AL-59910R)	1,938.95	
27 52 23 00-0059	EA	Power Supply (Fisher-Berkley AL-59911R)	1,927.84	
27 52 23 00-0060	EA	Pillow Speaker (Fisher-Berkley AL-59913R)	419.99	
27 52 23 00-0061	EA	Staff Presence Station (Fisher-Berkley AL-59914R)	333.51	
27 52 23 00-0062	EA	HB System Patient Station (Fisher-Berkley AL-59915R)	365.94	
27 52 23 00-0063	EA	HB System Staff Station (Fisher-Berkley AL-59916R)	344.32	
27 52 23 00-0064	EA	Station In/Out Board Expdr (Fisher-Berkley AL-59917R)	1,612.80	
27 52 23 00-0065	EA	Master In/Out Board (Fisher-Berkley AL-59918R)	1,331.74	
27 52 23 00-0066	EA	MMC Central Processor Unit (Fisher-Berkley AL-59919R)	1,608.47	
27 52 23 00-0067		Equipment Nurses Call Systems *(27 52 23)*		
27 52 23 00-0068	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	179.03	46.90
27 52 23 00-0069	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	1,754.26	187.59
27 52 23 00-0070	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	194.92	61.33
27 52 23 00-0071	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	985.91	180.37
27 52 23 00-0072	EA	Nurses Call System, Duty Station Intercommunication Equipment	476.14	140.69
27 52 23 00-0073	EA	Nurses Call System, Staff Station Intercommunication Equipment	235.72	46.90
27 52 23 00-0074	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	224.52	46.90
27 52 23 00-0075	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	348.50	82.07
27 52 23 00-0076	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	109.83	36.07
27 52 23 00-0077	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	102.62	36.07
27 52 23 00-0078	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	73.12	23.45
27 52 23 00-0079	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	106.75	36.07
27 52 23 00-0080	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	147.53	23.45
27 52 23 00-0081	EA	Nurses Call System, Cord Set Intercommunication Equipment	78.55	23.45
27 52 23 00-0082	EA	Nurse Call System, Master-20 Station	3,501.76	180.37
27 52 23 00-0083	EA	Dukane Duty Station - Tone Only, PC1000	626.19	140.78

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 00-0001 Wired Self-Corrective Clock Systems *(27 53 13)*

27 53 13 00-0002 Wired Self-Corrective Clocks *(27 53 13 00-0001)*

27 53 13 00-0003 Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 00-0002)*

27 53 13 00-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 00-0003)*

27 53 13 00-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	175.44	22.55
		For >50 To 100, Deduct	*-11.96*	
		For >100, Deduct	*-17.18*	
27 53 13 00-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	408.09	22.55
		For >50 To 100, Deduct	*-21.27*	
		For >100, Deduct	*-35.79*	
27 53 13 00-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	218.34	22.55
		For >50 To 100, Deduct	*-15.41*	
		For >100, Deduct	*-22.34*	
27 53 13 00-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	536.79	22.55
		For >50 To 100, Deduct	*-55.92*	
		For >100, Deduct	*-75.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 00-0009		**120 Volt AC, Analog, Wired Self-Corrective Clocks** *(27 53 13 00-0003)*		
27 53 13 00-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	175.44	22.55
		For >50 To 100, Deduct	*-11.96*	
		For >100, Deduct	*-17.18*	
27 53 13 00-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	408.09	22.55
		For >50 To 100, Deduct	*-21.27*	
		For >100, Deduct	*-35.79*	
27 53 13 00-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	218.34	22.55
		For >50 To 100, Deduct	*-15.41*	
		For >100, Deduct	*-22.34*	
27 53 13 00-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	536.79	22.55
		For >50 To 100, Deduct	*-55.92*	
		For >100, Deduct	*-75.59*	
27 53 13 00-0014		**Accessories For Analog Wired Self-Corrective Clocks** *(27 53 13 00-0003)*		
27 53 13 00-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	142.17	11.27
27 53 13 00-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	39.05	11.27
27 53 13 00-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	48.54	11.27
27 53 13 00-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	58.44	11.27
27 53 13 00-0019	EA	Combination Back Box For Speaker And Clock	92.17	18.04
27 53 13 00-0020		**Digital, Wired Self-Corrective Clocks (Telecor)** *(27 53 13 00-0002)*		
27 53 13 00-0021		**24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 00-0020)*		
27 53 13 00-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	215.04	22.55
		For Surface Mount, Add	*33.99*	
		For >50 To 100, Deduct	*-10.20*	
		For >100, Deduct	*-17.00*	
27 53 13 00-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	327.24	22.55
		For Surface Mount, Add	*56.43*	
		For >50 To 100, Deduct	*-16.93*	
		For >100, Deduct	*-28.22*	
27 53 13 00-0024		**120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 00-0020)*		
27 53 13 00-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	215.04	22.55
		For Surface Mount, Add	*33.99*	
		For >50 To 100, Deduct	*-10.20*	
		For >100, Deduct	*-17.00*	
27 53 13 00-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	327.24	22.55
		For Surface Mount, Add	*56.43*	
		For >50 To 100, Deduct	*-16.93*	
		For >100, Deduct	*-28.22*	
27 53 13 00-0027		**Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 00-0020)*		
27 53 13 00-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	184.93	22.55
		For >50 To 100, Deduct	*-8.39*	
		For >100, Deduct	*-13.98*	
27 53 13 00-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	300.01	22.55
		For >50 To 100, Deduct	*-15.30*	
		For >100, Deduct	*-25.49*	
27 53 13 00-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 00-0020)*		
27 53 13 00-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	184.93	22.55
		For >50 To 100, Deduct	*-8.39*	
		For >100, Deduct	*-13.98*	
27 53 13 00-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	300.01	22.55
		For >50 To 100, Deduct	*-15.30*	
		For >100, Deduct	*-25.49*	
27 53 13 00-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 00-0020)*		
27 53 13 00-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	192.50	11.27
27 53 13 00-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	48.95	11.27
27 53 13 00-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	66.27	11.27
27 53 13 00-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	168.57	11.27
27 53 13 00-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	50.19	11.27
27 53 13 00-0039		**Wired Self-Corrective Master Clocks** *(27 53 13 00-0001)*		
27 53 13 00-0040		**Wired Self-Corrective Master Clocks** *(27 53 13 00-0039)*		
27 53 13 00-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	2,007.44	180.37
27 53 13 00-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,131.19	180.37
27 53 13 00-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 00-0039)*		
27 53 13 00-0044	EA	5 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	215.18	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 00-0045	EA	10 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	241.17	45.09
27 53 13 00-0046		Other Clock And Program Systems *(27 53 13)*		
27 53 13 00-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,072.85	90.19
27 53 13 00-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	1,337.85	180.37
27 53 13 00-0049	EA	Program Bell (Lathem 906-6)	176.13	45.09
27 53 13 00-0050	EA	Combination Clock And Speaker	405.76	112.73

END OF SECTION 27

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results For Electronic Safety And Security *(28)*

28 05 13 Conductors And Cables For Electronic Safety And Security *(28 05)*

28 05 13 16 Access Control Communications Conductors And Cables *(28 05 13)*

See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable.

28 05 13 23 Fire Alarm Communications Conductors And Cables *(28 05 13)*

28 05 13 23-0001 Fire Alarm/Life Safety Cable *(28 05 13 23)*

28 05 13 23-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(28 05 13 23-0001)*

28 05 13 23-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 13 23-0002)*

28 05 13 23-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,426.53	613.61
28 05 13 23-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,731.28	635.80
28 05 13 23-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,626.27	697.48
28 05 13 23-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,110.25	722.38
28 05 13 23-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,864.83	780.82
28 05 13 23-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,552.88	808.95
28 05 13 23-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,370.15	892.83
28 05 13 23-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,437.12	924.66

28 05 13 23-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 13 23-0002)*

28 05 13 23-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,449.23	1,227.41
28 05 13 23-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,790.95	1,271.61
28 05 13 23-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,788.75	1,395.16
28 05 13 23-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,314.21	1,444.76
28 05 13 23-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,166.18	1,561.99
28 05 13 23-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,901.14	1,617.91
28 05 13 23-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,858.19	1,785.65
28 05 13 23-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,978.38	1,849.68

28 05 13 23-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 13 23-0001)*

28 05 13 23-0022	MLF	2/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	924.75	502.15
28 05 13 23-0023	MLF	4/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	996.02	520.00
28 05 13 23-0024	MLF	2/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,125.49	613.61
28 05 13 23-0025	MLF	3/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,195.24	624.70
28 05 13 23-0026	MLF	4/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,238.23	635.80
28 05 13 23-0027	MLF	6/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,374.74	657.98
28 05 13 23-0028	MLF	8/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,568.93	680.17
28 05 13 23-0029	MLF	2/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,309.88	697.48
28 05 13 23-0030	MLF	4/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,462.31	722.38
28 05 13 23-0031	MLF	2/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,512.62	780.82
28 05 13 23-0032	MLF	4/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,748.84	808.95
28 05 13 23-0033	MLF	2/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,835.55	892.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 13 23-0034	MLF	4/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,214.17	924.66
28 05 13 23-0035		**Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable** *(28 05 13 23-0001)*		
28 05 13 23-0036		**Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(28 05 13 23-0035)*		
28 05 13 23-0037	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	917.84	502.15
28 05 13 23-0038	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,121.00	613.61
28 05 13 23-0039	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,238.64	624.70
28 05 13 23-0040	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,250.25	635.80
28 05 13 23-0041	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,437.47	657.98
28 05 13 23-0042	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,303.10	697.48
28 05 13 23-0043	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,477.54	722.38
28 05 13 23-0044	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,482.07	780.82
28 05 13 23-0045	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,870.25	808.95
28 05 13 23-0046	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,825.57	892.83
28 05 13 23-0047	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,398.47	924.66
28 05 13 23-0048		**Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(28 05 13 23-0035)*		
28 05 13 23-0049	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,754.75	1,004.66
28 05 13 23-0050	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,143.70	1,227.41
28 05 13 23-0051	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,279.37	1,249.06
28 05 13 23-0052	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,309.92	1,271.61
28 05 13 23-0053	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,534.11	1,315.80
28 05 13 23-0054	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,465.58	1,395.16
28 05 13 23-0055	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,681.50	1,444.76
28 05 13 23-0056	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,783.42	1,561.99
28 05 13 23-0057	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,218.51	1,617.91
28 05 13 23-0058	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,313.61	1,785.65
28 05 13 23-0059	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,939.73	1,849.68
28 05 13 23-0060		**Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable** *(28 05 13 23-0001)*		
28 05 13 23-0061		**Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(28 05 13 23-0060)*		
28 05 13 23-0062	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	946.30	502.15
28 05 13 23-0063	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,141.32	613.61
28 05 13 23-0064	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,314.08	624.70
28 05 13 23-0065	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,271.05	635.80
28 05 13 23-0066	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,458.74	657.98
28 05 13 23-0067	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,349.80	697.48
28 05 13 23-0068	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,499.14	722.38
28 05 13 23-0069	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,582.81	780.82
28 05 13 23-0070	MLF	4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,819.74	808.95
28 05 13 23-0071	MLF	2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,900.11	892.83
28 05 13 23-0072	MLF	4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,245.11	924.66
28 05 13 23-0073		**Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(28 05 13 23-0060)*		
28 05 13 23-0074	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,783.21	1,004.66
28 05 13 23-0075	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,164.02	1,227.41
28 05 13 23-0076	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,354.81	1,249.06
28 05 13 23-0077	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,330.72	1,271.61
28 05 13 23-0078	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,555.38	1,315.80
28 05 13 23-0079	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,512.28	1,395.16
28 05 13 23-0080	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,703.10	1,444.76

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 13 23-0081	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,884.16	1,561.99
28 05 13 23-0082	MLF	4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,168.00	1,617.91
28 05 13 23-0083	MLF	2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,388.15	1,785.65
28 05 13 23-0084	MLF	4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,786.37	1,849.68
28 05 13 23-0085		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(28 05 13 23-0001)*		
28 05 13 23-0086		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 13 23-0085)*		
28 05 13 23-0087	MLF	2/c #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	908.11	502.15
28 05 13 23-0088	MLF	2/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,135.29	613.61
28 05 13 23-0089	MLF	3/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,209.63	624.70
28 05 13 23-0090	MLF	4/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,272.67	635.80
28 05 13 23-0091	MLF	6/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,410.05	657.98
28 05 13 23-0092	MLF	2/c #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,305.28	697.48
28 05 13 23-0093	MLF	4/c #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,490.77	722.38
28 05 13 23-0094	MLF	2/c #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,513.27	780.82
28 05 13 23-0095	MLF	4/c #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,839.56	808.95
28 05 13 23-0096	MLF	2/c #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,800.35	892.83
28 05 13 23-0097		Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 13 23-0085)*		
28 05 13 23-0098	MLF	2/c #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,745.02	1,004.66
28 05 13 23-0099	MLF	2/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,157.99	1,227.41
28 05 13 23-0100	MLF	3/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,250.36	1,249.06
28 05 13 23-0101	MLF	4/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,332.34	1,271.61
28 05 13 23-0102	MLF	6/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,506.69	1,315.80
28 05 13 23-0103	MLF	2/c #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,467.76	1,395.16
28 05 13 23-0104	MLF	4/c #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,694.73	1,444.76
28 05 13 23-0105	MLF	2/c #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,814.62	1,561.99
28 05 13 23-0106	MLF	4/c #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,187.82	1,617.91
28 05 13 23-0107	MLF	2/c #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,288.39	1,785.65

28 05 26 Grounding And Bonding For Electronic Safety And Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 28 Pathways For Electronic Safety And Security *(28 05)*

28 05 28 29 Hangers And Supports For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 29 00-0000 for hangers and supports.

28 05 28 33 Conduits And Backboxes For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 33 13-0000 for conduits.

28 05 28 36 Cable Trays For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 36 00-0000 for cable trays.

28 05 28 39 Surface Raceways For Electronic Safety And Security *(28 05 28)*

See CSI section 26 05 33 23-0000 for surface raceways.

28 05 53 Identification For Electronic Safety And Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001		Vindicator Security Alarm System *(28 15 11 13)*		
28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	1,030.93	188.04
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00	1,300.23	244.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	6,375.13	535.69
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	2,988.57	456.52
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	861.43	249.72

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.	81.09	22.55
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	84.09	22.55
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	101.34	22.55

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*
Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	97.09	22.55
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	434.28	67.64
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	146.34	22.55

28 16 11 00-0011 Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	106.97	22.55

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.	172.69	45.09
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	252.19	45.09
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	252.19	45.09
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	366.19	45.09

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	142.59	22.55

28 16 11 00-0022 Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*
Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0023 Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*

28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	592.87	90.19
		For Flush Mount, Add	*92.81*	

28 16 11 00-0025 Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*
Note: Includes intercom sub-station. Excludes additional receiving intercoms.

28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	712.92	101.46
		For Flush Mount, Add	*114.75*	

28 16 11 00-0027 RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0028 Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)*
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.

28 16 11 00-0029 RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.

28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	382.87	90.19
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	423.37	90.19
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	462.37	90.19
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	504.37	90.19
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	543.37	90.19
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	585.37	90.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	624.37	90.19
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	25.50	
		For >40 To 110, Deduct	*-1.28*	
		For >110, Deduct	*-2.55*	
		For Built In Proximity Tags, Add	*5.10*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	27.00	
		For >40 To 110, Deduct	*-1.35*	
		For >110, Deduct	*-2.70*	
		For Built In Proximity Tags, Add	*5.40*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	28.50	
		For >40 To 110, Deduct	*-1.43*	
		For >110, Deduct	*-2.85*	
		For Built In Proximity Tags, Add	*5.70*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	171.28	67.64
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	285.28	67.64
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	264.28	67.64
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls	667.87	90.19
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls	720.37	90.19
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls	840.37	90.19
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	427.87	90.19
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	512.57	90.19
28 16 11 00-0061		Other Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	78.84	22.55
28 16 11 00-0063		Wiegand Output Access Controls *(28 16 11)* Note: Excludes controllers.		
28 16 11 00-0064		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0063)*		
28 16 11 00-0065		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Cards *(28 16 11 00-0065)*		
28 16 11 00-0067	EA	Clamshell Type, DKS Proximity Card (DKS 170)	3.99	
28 16 11 00-0068	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	6.58	
28 16 11 00-0069	EA	DKS Proximity Key Fob (DKS 50)	6.93	
28 16 11 00-0070	EA	Active Tag, DKS Proximity Tag (DKS 150) Note: Battery powered tag to boost signal.	39.20	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 200) Note: Battery powered tag to boost signal.	51.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0072		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0073	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	305.26	112.73
28 16 11 00-0074	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	305.26	112.73
28 16 11 00-0075	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	305.26	112.73
28 16 11 00-0076	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS) Note: Includes mounting bracket and 12 VDC regulated power supply.	679.06	112.73
28 16 11 00-0077		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0078		AWID, Proximity Cards *(28 16 11 00-0077)*		
28 16 11 00-0079	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	3.36	
28 16 11 00-0080	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	5.25	
28 16 11 00-0081	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	5.60	
28 16 11 00-0082	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	19.60	
28 16 11 00-0083	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	19.60	
28 16 11 00-0084		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0077)*		
28 16 11 00-0085	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) Note: For mullion mounting.	351.46	112.73
28 16 11 00-0086	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) Note: For mullion mounting.	452.26	112.73
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) Note: For single gang electrical box mounting.	452.26	112.73
28 16 11 00-0088	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) Note: Includes 12 VDC regulated power supply.	680.46	112.73
28 16 11 00-0089	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000) Note: Includes mounting bracket and 12 VDC regulated power supply.	3,418.86	112.73
28 16 11 00-0090		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0091		HID, Proximity Cards *(28 16 11 00-0090)*		
28 16 11 00-0092	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	10.82	
28 16 11 00-0093	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	13.34	
28 16 11 00-0094	EA	HID Proximity Key Fob (HID ProxKey II)	13.62	
28 16 11 00-0095		HID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0090)*		
28 16 11 00-0096	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	351.62	112.73
28 16 11 00-0097	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	402.60	112.73
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	440.83	112.73
28 16 11 00-0099	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	544.06	112.73
28 16 11 00-0100		Contactless Smart Card Controls, Wiegand Output Access Controls *(28 16 11 00-0063)*		
28 16 11 00-0101		HID, Contactless Smart Cards *(28 16 11 00-0100)*		
28 16 11 00-0102	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	6.16	
28 16 11 00-0103	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	6.72	
28 16 11 00-0104	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	8.80	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	4.76	
28 16 11 00-0106		HID, Contactless Smart Card Readers, Wiegand Output Access Controls *(28 16 11 00-0100)*		
28 16 11 00-0107	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	336.56	112.73
28 16 11 00-0108	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	428.96	112.73
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	636.86	112.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0110		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls *(28 16 11 00-0100)*		
28 16 11 00-0111	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	1,806.16	112.73
28 16 11 00-0112		Call Station Controls, Wiegand Output Access Controls *(28 16 11 00-0063)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0113	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	765.46	112.73
28 16 11 00-0114	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	652.96	112.73
28 16 11 00-0115		Biometrics Readers, Wiegand Output Access Controls *(28 16 11 00-0063)*		
28 16 11 00-0116	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	3,106.32	90.19
28 16 11 00-0117	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	3,778.67	90.19
28 16 11 00-0118	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	1,531.85	90.19
28 16 11 00-0119	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	944.87	90.19
28 16 11 00-0120	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	1,043.87	90.19
28 16 11 00-0121	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	944.87	90.19
28 16 11 00-0122		Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0123		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0122)*		
28 16 11 00-0124	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	194.52	17.01
28 16 11 00-0125	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	371.52	17.01
28 16 11 00-0126	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	176.52	17.01
28 16 11 00-0127		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0122)*		
28 16 11 00-0128	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	343.02	17.01
28 16 11 00-0129	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	409.02	17.01
28 16 11 00-0130	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	251.52	17.01
28 16 11 00-0131		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0122)*		
28 16 11 00-0132	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	1,106.52	17.01
28 16 11 00-0133	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	1,159.02	17.01
28 16 11 00-0134	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	476.52	17.01
28 16 11 00-0135	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	761.52	17.01
28 16 11 00-0136		Magnetic Locks *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0137		Magnetic Door Locks *(28 16 11 00-0136)*		
28 16 11 00-0138		300 LB Magnetic Door Locks *(28 16 11 00-0137)*		
28 16 11 00-0139	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock	358.87	90.19
28 16 11 00-0140		600 LB Magnetic Door Locks *(28 16 11 00-0137)*		
28 16 11 00-0141	EA	Single Door, Surface Mount, 600 LB Magnetic Door Lock	482.62	90.19
		For LED Status Indicator And Signal Relay, Add	*37.78*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*75.56*	
		For Mortise Mount, Deduct	*-60.45*	
28 16 11 00-0142	EA	Dual Doors, Surface Mount, 600 LB Magnetic Door Lock	685.87	90.19
		For LED Status Indicator And Signal Relay, Add	*63.19*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*126.38*	
28 16 11 00-0143		1,200 LB Magnetic Door Locks *(28 16 11 00-0137)*		
28 16 11 00-0144	EA	Single Door, Surface Mount, 1,200 LB Magnetic Door Lock	501.37	90.19
		For LED Status Indicator And Signal Relay, Add	*73.83*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*96.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0145	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock	726.37	90.19
		For LED Status Indicator And Signal Relay, Add	*125.58*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*163.80*	
28 16 11 00-0146		2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0137)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0147	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock	521.62	90.19
28 16 11 00-0148		Magnetic Gate Locks *(28 16 11 00-0136)*		
28 16 11 00-0149		600 LB Magnetic Gate Locks *(28 16 11 00-0148)*		
28 16 11 00-0150	EA	600 LB Magnetic Gate Lock	408.37	90.19
28 16 11 00-0151		1,200 LB Magnetic Gate Locks *(28 16 11 00-0148)*		
28 16 11 00-0152	EA	1,200 LB Magnetic Gate Lock	476.62	90.19
		For LED Status Indicator And Signal Relay, Add	*37.03*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*74.06*	
		For Mortise Mount, Deduct	*-59.25*	
28 16 11 00-0153		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0136)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0154	EA	12/24 Volt DC At 1 Amp, Magnetic Lock Backup Power Supply And Charger	321.05	90.19
28 16 11 00-0155	EA	12/24 Volt DC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger	389.05	90.19
28 16 11 00-0156	EA	12 Volt DC At 4 Amp And 24 Volt DC At 3 Amp, Magnetic Lock Backup Power Supply And Charger	429.05	90.19
28 16 11 00-0157	EA	12/24 Volt DC At 6 Amp, Magnetic Lock Backup Power Supply And Charger	521.05	90.19
28 16 11 00-0158		Access Control Accessories *(28 16 11)*		
28 16 11 00-0159	EA	Modem: Multitech, Mt2834L	1,329.63	
28 16 11 00-0160	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, @ 4 Amps, Power Supply/Charger (Altronix SMP-5)	360.64	
28 16 11 00-0161	EA	12 Volt, 7 Amp, Battery	44.06	
28 16 11 00-0162	EA	12 Volt, 18 Amp, Battery	98.20	
28 16 11 00-0163	EA	Door Personality Module (Sensormatic RM-4)	390.47	22.55
28 16 11 00-0164	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	173.97	45.09
28 16 11 00-0165	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	65.54	27.06
28 16 11 00-0166	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	411.92	18.04
28 16 11 00-0167	EA	Surge Suppressor (Tripp-Lite IBAR4)	63.17	4.52
28 16 11 00-0168	EA	Door Strike Relay (Altronix RBSN-TTL)	52.78	18.04
28 16 11 00-0169		Access Controllers *(28 16 11)*		
28 16 11 00-0170		Microterm Controller *(28 16 11 00-0169)*		
28 16 11 00-0171	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100)	987.76	112.73
		Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.		
28 16 11 00-0172	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	692.78	67.64
28 16 11 00-0173	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2)	317.27	
		Note: Input 120VAC, output 12VDC to temporarily power the Microterm only.		
28 16 11 00-0174		Miniterm Controller *(28 16 11 00-0169)*		
28 16 11 00-0175	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200)	1,511.11	112.73
		Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0176	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	1,120.54	67.64
28 16 11 00-0177		Super-2 Controller *(28 16 11 00-0169)*		
28 16 11 00-0178	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300)	1,134.84	112.73
		Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0179	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	760.93	67.64
28 16 11 00-0180	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD)	228.19	67.64
		Note: Optional on-board adapter allows for communication over TCP/IP.		
28 16 11 00-0181		Smarterm Controller *(28 16 11 00-0169)*		
28 16 11 00-0182	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400)	3,117.54	135.28
		Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0183	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	2,367.39	67.64
28 16 11 00-0184	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1)	936.00	67.64
		Note: Up to 10,000 cardholders.		
28 16 11 00-0185	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1)	1,320.47	67.64
		Note: Up to 50,000 cardholders.		
28 16 11 00-0186	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB)	1,032.37	67.64
		Note: 16 Output relays, 8 alarm inputs.		
28 16 11 00-0187	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB)	1,032.37	67.64
		Note: (Supervised) 16 alarm inputs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0188		**Superterm-4 Controller** *(28 16 11 00-0169)*		
28 16 11 00-0189	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,882.92	135.28
28 16 11 00-0190	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	2,327.95	67.64
28 16 11 00-0191		**Superterm-8 Controller** *(28 16 11 00-0169)*		
28 16 11 00-0192	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	3,861.79	225.46
28 16 11 00-0193	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,182.19	225.46
28 16 11 00-0194	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	3,126.45	67.64
28 16 11 00-0195		**Turbo Superterm-4 Controller** *(28 16 11 00-0169)*		
28 16 11 00-0196	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,882.92	135.28
28 16 11 00-0197	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	2,327.95	67.64
28 16 11 00-0198		**Turbo Superterm-8 Controller** *(28 16 11 00-0169)*		
28 16 11 00-0199	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	3,861.79	225.46
28 16 11 00-0200	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,182.19	225.46
28 16 11 00-0201	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	3,126.45	67.64
28 16 11 00-0202	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	1,320.47	67.64
28 16 11 00-0203	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	1,115.41	67.64
28 16 11 00-0204	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	1,033.41	67.64
28 16 11 00-0205	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	1,033.41	67.64
28 16 11 00-0206	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	410.97	
28 16 11 00-0207		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0208	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	20,557.34	
28 16 11 00-0209		**Master Door Buzzer Stations** *(28 16 11)*		
28 16 11 00-0210		**Master Stations** *(28 16 11 00-0209)*		
28 16 11 00-0211	EA	Master Stations, 5 Station Intercommunication Equipment	688.70	140.69
28 16 11 00-0212	EA	Master Stations, 10 Station Intercommunication Equipment	1,069.21	272.36
28 16 11 00-0213	EA	Master Station, Desk Style Remote Intercommunication Equipment	301.52	70.34
28 16 11 00-0214	EA	Master Station, Flush Wall Remote Intercommunication Equipment	401.43	117.24
28 16 11 00-0215	EA	Sound System Outlet, Protector	111.95	45.90
28 16 11 00-0216	EA	Sound System Microphone Outlet	203.56	93.97
28 16 11 00-0217	EA	Sound System Speaker Ceiling Or Wall	141.06	45.90
28 16 11 00-0218	EA	Sound System Monitor Panel	389.41	93.97
28 16 11 00-0219	EA	Sound System Volume Control	125.37	45.90
28 16 11 00-0220	EA	Sound System Amplifier 250 W	1,768.37	375.80
28 16 11 00-0221	EA	Sound System Cabinet	1,120.99	375.80
28 16 11 00-0222		**Master Door Stations** *(28 16 11 00-0209)*		
28 16 11 00-0223	EA	Master Door Stations, Button Buzzer Type, 25 Station	1,722.72	
		For Intercom Type Master Door Station, Add	*111.80*	
28 16 11 00-0224	EA	Master Door Stations, Button Buzzer Type, 50 Station	2,858.31	
		For Intercom Type Master Door Station, Add	*181.11*	
28 16 11 00-0225	EA	Master Door Stations, Button Buzzer Type, 75 Station	3,940.28	
		For Intercom Type Master Door Station, Add	*234.77*	
28 16 11 00-0226	EA	Master Door Stations, Button Buzzer Type, 100 Station	4,495.47	
		For Intercom Type Master Door Station, Add	*275.02*	
28 16 11 00-0227	EA	Master Door Stations, Button Buzzer Type, 150 Station	5,367.64	
		For Intercom Type Master Door Station, Add	*402.46*	
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 200 Station	6,238.33	
		For Intercom Type Master Door Station, Add	*518.73*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 250 Station	7,830.48	
		For Intercom Type Master Door Station, Add	*670.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 300 Station	9,396.00	
		For Intercom Type Master Door Station, Add	*769.15*	
28 16 11 00-0231	EA	Transformer	119.26	
28 16 11 00-0232	EA	Door Opener	176.99	
28 16 11 00-0233	EA	Buzzer With Door Release And Plate	222.11	
28 16 11 00-0234	EA	Amplifier For Intercom Type Unit	331.90	
28 16 11 00-0235	EA	Speaker With Door Release	143.48	
28 16 11 00-0236		Request To Exit Detector *(28 16 11)*		
28 16 11 00-0237	EA	Request-To-Exit Detector; Bosch DS160	149.73	70.34
28 16 11 00-0238		Access Power Controllers *(28 16 11)*		
28 16 11 00-0239	EA	26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D Note: Includes power supply	979.03	82.97

28 18 Security Access Detection Equipment *(28 10)*

28 18 11 Security Access Metal Detectors *(28 18)*

28 18 11 00-0001	EA	Hand-Held Metal Detector	221.54	22.55
28 18 11 00-0002	EA	Walk-Through Metal Detector, Complete Unit	5,175.59	360.74

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 00 00-0001		Closed Circuit Television And Surveillance Systems (Pelco) *(28 21)* Note: Includes programming of equipment, testing of new devices and certification.		
28 21 00 00-0002		Cameras And Accessories *(28 21 00 00-0001)*		
28 21 00 00-0003		Cameras *(28 21 00 00-0002)*		
28 21 00 00-0004		1/3" Format Cameras *(28 21 00 00-0003)*		
28 21 00 00-0005		High Resolution Color, 1/3" Format Cameras *(28 21 00 00-0004)*		
28 21 00 00-0006	EA	Extended Dynamic Range, High Resolution Color, 1/3" Format Camera (Pelco CC3701H-2)	345.10	22.58
28 21 00 00-0007	EA	Low Light, Digital Slow Shutter, High Resolution Color, 1/3" Format Camera (Pelco CC3751H-2)	460.64	22.58
28 21 00 00-0008		Compact, 1/3" Format Cameras *(28 21 00 00-0003)*		
28 21 00 00-0009		High Resolution Color, Compact, 1/3" Format Cameras *(28 21 00 00-0008)*		
28 21 00 00-0010	EA	Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H)	550.25	22.58
28 21 00 00-0011	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	451.75	22.58
28 21 00 00-0012		Day/Night, Compact, 1/3" Format Cameras *(28 21 00 00-0008)*		
28 21 00 00-0013	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	267.34	22.58
28 21 00 00-0014		Camerapaks *(28 21 00 00-0002)* Note: Includes camera and lens.		
28 21 00 00-0015		Camerapaks *(28 21 00 00-0014)*		
28 21 00 00-0016		High Resolution Color, Camerapaks *(28 21 00 00-0015)*		
28 21 00 00-0017		Fixed Focus, High Resolution Color, Camerapaks *(28 21 00 00-0016)*		
28 21 00 00-0018		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 00 00-0017)*		
28 21 00 00-0019	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	347.32	22.58
28 21 00 00-0020	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	326.59	22.58
28 21 00 00-0021	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	316.96	22.58
28 21 00 00-0022	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	314.74	22.58
28 21 00 00-0023		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 00 00-0017)*		
28 21 00 00-0024	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	378.43	22.58
28 21 00 00-0025	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	347.32	22.58
28 21 00 00-0026	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	339.92	22.58
28 21 00 00-0027	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	333.99	22.58
28 21 00 00-0028		Varifocal, High Resolution Color, Camerapaks *(28 21 00 00-0016)*		
28 21 00 00-0029		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 00 00-0028)*		
28 21 00 00-0030	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	408.79	22.58
28 21 00 00-0031	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	368.80	22.58
28 21 00 00-0032	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	336.22	22.58
28 21 00 00-0033	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	322.88	22.58
28 21 00 00-0034	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	372.51	22.58

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0035		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 00 00-0028)*		
28 21 00 00-0036	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	441.38	22.58
28 21 00 00-0037	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	413.98	22.58
28 21 00 00-0038	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	367.32	22.58
28 21 00 00-0039	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	328.07	22.58
28 21 00 00-0040	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	388.06	22.58
28 21 00 00-0041	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	438.42	22.58
28 21 00 00-0042	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	502.85	22.58
28 21 00 00-0043		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 00 00-0028)*		
28 21 00 00-0044	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	345.10	22.58
28 21 00 00-0045	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	412.50	22.58
28 21 00 00-0046		High Resolution Day/Night, Camerapaks *(28 21 00 00-0015)*		
28 21 00 00-0047		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 00 00-0046)*		
28 21 00 00-0048		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 00 00-0047)*		
28 21 00 00-0049	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	696.89	22.58
28 21 00 00-0050	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	650.23	22.58
28 21 00 00-0051	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	610.98	22.58
28 21 00 00-0052	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	670.97	22.58
28 21 00 00-0053	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	721.33	22.58
28 21 00 00-0054	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	785.02	22.58
28 21 00 00-0055		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 00 00-0047)*		
28 21 00 00-0056	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	628.01	22.58
28 21 00 00-0057	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	695.41	22.58
28 21 00 00-0058		Compact Camerapaks *(28 21 00 00-0014)*		
28 21 00 00-0059		High Resolution Color, Compact Camerapaks *(28 21 00 00-0058)*		
28 21 00 00-0060		DSS, High Resolution Color, Compact Camerapaks *(28 21 00 00-0059)*		
28 21 00 00-0061		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0060)*		
28 21 00 00-0062		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0061)*		
28 21 00 00-0063	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	540.62	22.58
28 21 00 00-0064	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	519.88	22.58
28 21 00 00-0065	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	509.52	22.58
28 21 00 00-0066	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	507.29	22.58
28 21 00 00-0067		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0061)*		
28 21 00 00-0068	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	570.99	22.58
28 21 00 00-0069	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	540.62	22.58
28 21 00 00-0070	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	533.22	22.58
28 21 00 00-0071	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	527.29	22.58
28 21 00 00-0072		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0060)*		
28 21 00 00-0073		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0072)*		
28 21 00 00-0074	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	602.09	22.58
28 21 00 00-0075	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	561.36	22.58
28 21 00 00-0076	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	529.51	22.58
28 21 00 00-0077	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	516.18	22.58
28 21 00 00-0078	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	565.06	22.58
28 21 00 00-0079	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	596.91	22.58
28 21 00 00-0080	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	672.45	22.58
28 21 00 00-0081		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0072)*		
28 21 00 00-0082	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	633.94	22.58
28 21 00 00-0083	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	607.28	22.58
28 21 00 00-0084	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	560.62	22.58
28 21 00 00-0085	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	520.63	22.58
28 21 00 00-0086	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	581.35	22.58
28 21 00 00-0087	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	631.72	22.58
28 21 00 00-0088	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	695.41	22.58

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0089		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 00 00-0072)*		
28 21 00 00-0090	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	538.40	22.58
28 21 00 00-0091	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	605.79	22.58
28 21 00 00-0092		EDR, High Resolution Color, Compact Camerapaks *(28 21 00 00-0059)*		
28 21 00 00-0093		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0092)*		
28 21 00 00-0094		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0093)*		
28 21 00 00-0095	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	540.62	22.58
28 21 00 00-0096	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	404.35	22.58
28 21 00 00-0097	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	393.98	22.58
28 21 00 00-0098	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	391.76	22.58
28 21 00 00-0099		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0093)*		
28 21 00 00-0100	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	455.45	22.58
28 21 00 00-0101	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	425.09	22.58
28 21 00 00-0102	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	417.68	22.58
28 21 00 00-0103	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	417.68	22.58
28 21 00 00-0104		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0092)*		
28 21 00 00-0105		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0104)*		
28 21 00 00-0106	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	486.56	22.58
28 21 00 00-0107	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	445.82	22.58
28 21 00 00-0108	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	413.98	22.58
28 21 00 00-0109	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	400.65	22.58
28 21 00 00-0110	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	449.53	22.58
28 21 00 00-0111	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	481.37	22.58
28 21 00 00-0112	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	556.91	22.58
28 21 00 00-0113		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0104)*		
28 21 00 00-0114	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	518.40	22.58
28 21 00 00-0115	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	491.74	22.58
28 21 00 00-0116	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	444.34	22.58
28 21 00 00-0117	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	405.09	22.58
28 21 00 00-0118	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	465.82	22.58
28 21 00 00-0119	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	516.18	22.58
28 21 00 00-0120	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	579.87	22.58
28 21 00 00-0121		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 00 00-0104)*		
28 21 00 00-0122	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	422.87	22.58
28 21 00 00-0123	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	490.26	22.58
28 21 00 00-0124		High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0058)*		
28 21 00 00-0125		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0124)*		
28 21 00 00-0126		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0125)*		
28 21 00 00-0127	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	499.15	22.58
28 21 00 00-0128		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0125)*		
28 21 00 00-0129	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	562.84	22.58
28 21 00 00-0130	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	531.73	22.58
28 21 00 00-0131		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0124)*		
28 21 00 00-0132		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0131)*		
28 21 00 00-0133	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	520.63	22.58
28 21 00 00-0134	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	507.29	22.58
28 21 00 00-0135	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	588.76	22.58

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0136		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0131)*		
28 21 00 00-0137	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	598.39	22.58
28 21 00 00-0138	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	551.73	22.58
28 21 00 00-0139	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	512.48	22.58
28 21 00 00-0140	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	572.47	22.58
28 21 00 00-0141	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	622.83	22.58
28 21 00 00-0142	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	687.26	22.58
28 21 00 00-0143		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 00 00-0131)*		
28 21 00 00-0144	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	529.51	22.58
28 21 00 00-0145	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	596.91	22.58
28 21 00 00-0146		Camera Systems *(28 21 00 00-0002)*		
28 21 00 00-0147		Camera Dome Systems *(28 21 00 00-0146)*		
28 21 00 00-0148		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 00 00-0147)*		
28 21 00 00-0149		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 00 00-0148)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 00 00-0150		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0149)*		
28 21 00 00-0151		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0150)*		
28 21 00 00-0152	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,217.27	135.48
28 21 00 00-0153	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,520.91	135.48
28 21 00 00-0154	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,657.18	135.48
28 21 00 00-0155	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	3,676.25	135.48
28 21 00 00-0156		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0150)*		
28 21 00 00-0157	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,872.89	135.48
28 21 00 00-0158	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,026.19	135.48
28 21 00 00-0159	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,163.20	135.48
28 21 00 00-0160	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,241.71	135.48
28 21 00 00-0161	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,241.71	135.48
28 21 00 00-0162	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,347.61	135.48
28 21 00 00-0163	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,652.00	135.48
28 21 00 00-0164	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,789.01	135.48
28 21 00 00-0165	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,867.51	135.48
28 21 00 00-0166	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,867.51	135.48
28 21 00 00-0167		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0150)*		
28 21 00 00-0168	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,727.54	135.48
28 21 00 00-0169	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	3,031.93	135.48
28 21 00 00-0170	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,168.94	135.48
28 21 00 00-0171	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,247.44	135.48
28 21 00 00-0172	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,247.44	135.48
28 21 00 00-0173		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0150)*		
28 21 00 00-0174	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,478.70	135.48
28 21 00 00-0175	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,632.74	135.48
28 21 00 00-0176	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,769.01	135.48
28 21 00 00-0177	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	2,847.52	135.48
28 21 00 00-0178	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,847.52	135.48
28 21 00 00-0179	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,977.12	135.48
28 21 00 00-0180	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,219.30	135.48
28 21 00 00-0181	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,355.57	135.48
28 21 00 00-0182	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,434.07	135.48
28 21 00 00-0183	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,434.07	135.48
28 21 00 00-0184		Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0149)*		
28 21 00 00-0185		Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0184)*		
28 21 00 00-0186	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,426.12	135.48
		For Protective Lower Dome Cage, Add	*34.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0187	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,557.94	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0188	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,663.11	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0189	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	3,006.01	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0190	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,137.83	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0191	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,243.74	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0192		Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0184)*		
28 21 00 00-0193	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	3,031.93	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0194	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,163.75	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0195	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,269.66	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0196	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,573.31	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0197	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	3,704.39	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0198	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	3,810.30	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0199		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0149)*		
28 21 00 00-0200		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0199)*		
28 21 00 00-0201	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	4,004.33	135.48
28 21 00 00-0202	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	4,545.71	135.48
28 21 00 00-0203		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0149)*		
28 21 00 00-0204		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0203)*		
28 21 00 00-0205	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,484.43	135.48
28 21 00 00-0206		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0203)*		
28 21 00 00-0207	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	3,035.63	135.48
28 21 00 00-0208	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	3,616.26	135.48
28 21 00 00-0209		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0203)*		
28 21 00 00-0210	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	3,996.19	135.48
28 21 00 00-0211		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 00 00-0203)*		
28 21 00 00-0212	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	3,642.18	135.48
28 21 00 00-0213	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	4,182.82	135.48
28 21 00 00-0214		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 00 00-0149)*		
28 21 00 00-0215		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 00 00-0214)*		
28 21 00 00-0216	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,409.27	135.48
28 21 00 00-0217		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0148)*		
		Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 00 00-0218		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0217)*		
28 21 00 00-0219		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0218)*		
28 21 00 00-0220	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	2,579.42	135.48
28 21 00 00-0221	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	2,716.43	135.48
28 21 00 00-0222	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	2,794.93	135.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0223	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	2,794.93	135.48
28 21 00 00-0224	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	3,205.23	135.48
28 21 00 00-0225	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	3,342.24	135.48
28 21 00 00-0226	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	3,420.74	135.48
28 21 00 00-0227	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	3,420.74	135.48
28 21 00 00-0228		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0218)*		
28 21 00 00-0229	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	3,585.15	135.48
28 21 00 00-0230	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	3,722.17	135.48
28 21 00 00-0231	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	3,800.67	135.48
28 21 00 00-0232	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	3,800.67	135.48
28 21 00 00-0233		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0217)*		
28 21 00 00-0234		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0233)*		
28 21 00 00-0235	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	2,979.34	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0236	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	3,111.17	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0237	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	3,216.34	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0238	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	3,559.23	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0239	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	3,691.06	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0240	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	3,796.97	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0241		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0233)*		
28 21 00 00-0242	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	3,585.15	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0243	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	3,716.98	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0244	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	3,822.89	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0245	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	4,126.53	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0246	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	4,257.62	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0247	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	4,363.53	135.48
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 00 00-0248		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 00 00-0217)*		
28 21 00 00-0249		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 00 00-0248)*		
28 21 00 00-0250	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	3,588.86	135.48
28 21 00 00-0251	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	4,169.49	135.48
28 21 00 00-0252		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 00 00-0248)*		
28 21 00 00-0253	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,549.42	135.48
28 21 00 00-0254		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 00 00-0248)*		
28 21 00 00-0255	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	4,195.41	135.48
28 21 00 00-0256	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,736.05	135.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0257		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 00 00-0217)*		
28 21 00 00-0258		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 00 00-0257)*		
28 21 00 00-0259	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	1,766.24	135.48
28 21 00 00-0260		Spectra®, Pan/Tilt Dome Drives *(28 21 00 00-0148)* Note: Includes dome drive, camera and lens.		
28 21 00 00-0261	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,308.57	112.90
28 21 00 00-0262	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,664.06	112.90
28 21 00 00-0263	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,103.23	112.90
28 21 00 00-0264	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,654.43	112.90
28 21 00 00-0265	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,234.32	112.90
28 21 00 00-0266	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,260.24	112.90
28 21 00 00-0267	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,614.25	112.90
28 21 00 00-0268	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	2,801.62	112.90
28 21 00 00-0269	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	2,801.62	112.90
28 21 00 00-0270		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 21 00 00-0148)*		
28 21 00 00-0271	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	104.42	
28 21 00 00-0272	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	136.27	
28 21 00 00-0273	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	114.41	11.29
28 21 00 00-0274	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	286.97	11.29
28 21 00 00-0275	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	111.45	11.29
28 21 00 00-0276	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	306.23	11.29
28 21 00 00-0277	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	59.14	6.72
28 21 00 00-0278		Camclosure®, Camera Dome Systems *(28 21 00 00-0147)*		
28 21 00 00-0279		Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0278)*		
28 21 00 00-0280		Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0279)*		
28 21 00 00-0281		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0280)*		
28 21 00 00-0282	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	533.88	135.48
28 21 00 00-0283	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	578.32	135.48
28 21 00 00-0284	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	641.27	135.48
28 21 00 00-0285	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	641.27	135.48
28 21 00 00-0286		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0280)*		
28 21 00 00-0287	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	649.42	135.48
28 21 00 00-0288	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	707.18	135.48
28 21 00 00-0289	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	707.18	135.48
28 21 00 00-0290		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0280)*		
28 21 00 00-0291	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	742.73	135.48
28 21 00 00-0292	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	885.67	135.48
28 21 00 00-0293	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	885.67	135.48
28 21 00 00-0294		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 00 00-0280)*		
28 21 00 00-0295	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	810.87	135.48
28 21 00 00-0296	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	902.70	135.48
28 21 00 00-0297		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 00 00-0279)*		
28 21 00 00-0298		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 00 00-0297)*		
28 21 00 00-0299	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	583.54	90.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0300		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 00 00-0297)*		
28 21 00 00-0301	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	667.22	90.32
28 21 00 00-0302		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 00 00-0297)*		
28 21 00 00-0303	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	733.88	90.32
28 21 00 00-0304		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 00 00-0297)*		
28 21 00 00-0305	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	767.21	90.32
28 21 00 00-0306		Camclosure® IS Integrated Cameras *(28 21 00 00-0279)*		
28 21 00 00-0307	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	413.20	90.32
28 21 00 00-0308	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	413.20	90.32
28 21 00 00-0309	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	479.11	90.32
28 21 00 00-0310	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	657.60	90.32
28 21 00 00-0311	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	674.63	90.32
28 21 00 00-0312		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 00 00-0278)*		
28 21 00 00-0313		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 00 00-0312)*		
28 21 00 00-0314		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 00 00-0313)*		
28 21 00 00-0315	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	460.56	135.48
28 21 00 00-0316	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	492.41	135.48
28 21 00 00-0317	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	619.79	135.48
28 21 00 00-0318	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	619.79	135.48
28 21 00 00-0319		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 00 00-0313)*		
28 21 00 00-0320	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	762.73	135.48
28 21 00 00-0321		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 00 00-0312)*		
28 21 00 00-0322		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 00 00-0321)*		
28 21 00 00-0323	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	529.47	90.32
28 21 00 00-0324		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 00 00-0312)*		
28 21 00 00-0325		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 00 00-0324)*		
28 21 00 00-0326	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	707.18	135.48
28 21 00 00-0327		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 00 00-0324)*		
28 21 00 00-0328	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	773.84	135.48
28 21 00 00-0329		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 00 00-0324)*		
28 21 00 00-0330	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	857.53	135.48
28 21 00 00-0331		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 00 00-0324)*		
28 21 00 00-0332	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	890.85	135.48
28 21 00 00-0333		Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0278)*		
28 21 00 00-0334		Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0333)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0335		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0334)*		
28 21 00 00-0336	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,258.19	135.48
28 21 00 00-0337	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,258.19	135.48
28 21 00 00-0338		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0334)*		
28 21 00 00-0339	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,350.02	135.48
28 21 00 00-0340	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,350.02	135.48
28 21 00 00-0341		Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0334)*		
28 21 00 00-0342	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,491.48	135.48
28 21 00 00-0343	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,491.48	135.48
28 21 00 00-0344		Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems *(28 21 00 00-0334)*		
28 21 00 00-0345	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,591.46	135.48
28 21 00 00-0346	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,591.46	135.48
28 21 00 00-0347		Accessories For Camclosure® Camera Dome Systems *(28 21 00 00-0278)*		
28 21 00 00-0348	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	26.88	6.77
28 21 00 00-0349	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	26.88	6.77
28 21 00 00-0350	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	35.91	11.29
28 21 00 00-0351	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	56.65	11.29
28 21 00 00-0352	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	57.99	6.77
28 21 00 00-0353	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	56.65	11.29
28 21 00 00-0354	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	71.46	11.29
28 21 00 00-0355	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	190.32	22.58
28 21 00 00-0356	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	190.32	22.58
28 21 00 00-0357	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	190.32	22.58
28 21 00 00-0358	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	190.32	22.58
28 21 00 00-0359	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	67.76	11.29
28 21 00 00-0360	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	78.49	22.58
28 21 00 00-0361	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	78.49	22.58
28 21 00 00-0362	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	78.49	22.58
28 21 00 00-0363	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	78.49	22.58
28 21 00 00-0364	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	78.49	22.58
28 21 00 00-0365	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	78.49	22.58
28 21 00 00-0366	EA	Surface Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS110-ENC)	227.78	30.84
28 21 00 00-0367	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	227.78	30.84
28 21 00 00-0368	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	48.50	11.29
28 21 00 00-0369	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	81.83	11.29
28 21 00 00-0370	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	48.50	11.29
28 21 00 00-0371	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	81.83	11.29
28 21 00 00-0372	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,174.50	135.48
28 21 00 00-0373		Pan/Tilt Camera Systems *(28 21 00 00-0146)*		
28 21 00 00-0374		Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
		Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 00 00-0375		EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 00 00-0374)*		
28 21 00 00-0376		Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 00 00-0375)*		
28 21 00 00-0377	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	3,304.42	203.23
28 21 00 00-0378	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	3,749.52	203.23
28 21 00 00-0379	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	4,366.44	203.23
28 21 00 00-0380	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	3,399.96	203.23
28 21 00 00-0381	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	3,865.05	203.23
28 21 00 00-0382	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	4,481.97	203.23
28 21 00 00-0383		Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems *(28 21 00 00-0375)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0384	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	3,334.78	203.23
28 21 00 00-0385	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	3,779.88	203.23
28 21 00 00-0386	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	4,396.80	203.23
28 21 00 00-0387	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	3,431.06	203.23
28 21 00 00-0388	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	3,895.42	203.23
28 21 00 00-0389	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	4,512.34	203.23
28 21 00 00-0390		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0391		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 00 00-0390)*		
28 21 00 00-0392		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 00 00-0391)*		
28 21 00 00-0393	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	3,419.95	203.23
28 21 00 00-0394	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	3,865.05	203.23
28 21 00 00-0395	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	4,481.97	203.23
28 21 00 00-0396	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	3,515.49	203.23
28 21 00 00-0397	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	3,980.59	203.23
28 21 00 00-0398	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	4,597.51	203.23
28 21 00 00-0399		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 00 00-0391)*		
28 21 00 00-0400	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	3,450.32	203.23
28 21 00 00-0401	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	3,895.42	203.23
28 21 00 00-0402	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	4,512.34	203.23
28 21 00 00-0403	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	3,546.59	203.23
28 21 00 00-0404	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	4,010.95	203.23
28 21 00 00-0405	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	4,627.87	203.23
28 21 00 00-0406		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0407		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 00 00-0406)*		
28 21 00 00-0408		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 00 00-0407)*		
28 21 00 00-0409	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	3,226.65	203.23
28 21 00 00-0410	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	3,671.76	203.23
28 21 00 00-0411	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	4,288.68	203.23
28 21 00 00-0412	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	3,322.93	203.23
28 21 00 00-0413	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	3,787.29	203.23
28 21 00 00-0414	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	4,404.21	203.23
28 21 00 00-0415		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 00 00-0407)*		
28 21 00 00-0416	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,257.76	203.23
28 21 00 00-0417	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	3,702.12	203.23
28 21 00 00-0418	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	4,319.78	203.23
28 21 00 00-0419	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	3,279.24	203.23
28 21 00 00-0420	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,353.30	203.23
28 21 00 00-0421	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	3,817.65	203.23
28 21 00 00-0422	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	4,435.31	203.23
28 21 00 00-0423		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0424		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 00 00-0423)*		
28 21 00 00-0425		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 00 00-0424)*		
28 21 00 00-0426	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	3,856.16	203.23
28 21 00 00-0427	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	4,473.08	203.23
28 21 00 00-0428	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	3,507.34	203.23

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28 21 00 00-0429	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	3,971.70	203.23
28 21 00 00-0430	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	4,588.62	203.23
28 21 00 00-0431		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 00 00-0424)*		
28 21 00 00-0432	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	3,442.17	203.23
28 21 00 00-0433	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	3,886.53	203.23
28 21 00 00-0434	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	4,504.19	203.23
28 21 00 00-0435	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	3,537.71	203.23
28 21 00 00-0436	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	4,002.06	203.23
28 21 00 00-0437	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	4,619.72	203.23
28 21 00 00-0438		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0439		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 00 00-0438)*		
28 21 00 00-0440		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 00 00-0439)*		
28 21 00 00-0441	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	4,571.58	203.23
28 21 00 00-0442	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	3,605.10	203.23
28 21 00 00-0443	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	4,687.12	203.23
28 21 00 00-0444		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 00 00-0439)*		
28 21 00 00-0445	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	3,539.93	203.23
28 21 00 00-0446	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	4,602.69	203.23
28 21 00 00-0447	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	3,636.21	203.23
28 21 00 00-0448	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	4,100.56	203.23
28 21 00 00-0449	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	4,718.22	203.23
28 21 00 00-0450		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0451		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0450)*		
28 21 00 00-0452		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0451)*		
28 21 00 00-0453	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	3,850.24	203.23
28 21 00 00-0454		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0451)*		
28 21 00 00-0455	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	3,880.60	203.23
28 21 00 00-0456		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0450)*		
28 21 00 00-0457		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0456)*		
28 21 00 00-0458	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	4,571.58	203.23
28 21 00 00-0459	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	4,420.50	203.23
28 21 00 00-0460	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	5,024.09	203.23
28 21 00 00-0461		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 00 00-0456)*		
28 21 00 00-0462	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	4,601.21	203.23
28 21 00 00-0463	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	4,420.50	203.23
28 21 00 00-0464	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	5,057.42	203.23
28 21 00 00-0465		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0466		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 00 00-0465)*		
28 21 00 00-0467		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 00 00-0466)*		
28 21 00 00-0468	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	2,962.26	203.23
28 21 00 00-0469	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	3,684.35	203.23
28 21 00 00-0470	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,535.49	203.23
28 21 00 00-0471	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	4,005.77	203.23
28 21 00 00-0472		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 00 00-0466)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0473	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	2,991.88	203.23
28 21 00 00-0474	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	3,714.71	203.23
28 21 00 00-0475	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	3,565.85	203.23
28 21 00 00-0476	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	4,039.09	203.23
28 21 00 00-0477		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0478		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 00 00-0477)*		
28 21 00 00-0479		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 00 00-0478)*		
28 21 00 00-0480	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	19,000.69	203.23
28 21 00 00-0481	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	20,432.27	203.23
28 21 00 00-0482	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	20,912.92	203.23
28 21 00 00-0483		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 00 00-0478)*		
28 21 00 00-0484	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	19,031.80	203.23
28 21 00 00-0485	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	20,462.64	203.23
28 21 00 00-0486	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	20,943.29	203.23
28 21 00 00-0487		Accessories For Esprit® Pan/Tilt Camera Systems *(28 21 00 00-0373)*		
28 21 00 00-0488	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	8.45	2.26
28 21 00 00-0489	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	48.50	11.29
28 21 00 00-0490	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	75.16	11.29
28 21 00 00-0491	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	95.16	11.29
28 21 00 00-0492	EA	Ground Isolation Transformer (Pelco GIT100)	279.63	30.84
28 21 00 00-0493	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	275.92	30.84
28 21 00 00-0494	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	333.69	30.84
28 21 00 00-0495	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	607.71	30.84
28 21 00 00-0496	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	259.63	30.84
28 21 00 00-0497	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	489.96	30.84
28 21 00 00-0498	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,030.60	30.84
28 21 00 00-0499	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,223.89	30.84
28 21 00 00-0500	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,267.59	30.84
28 21 00 00-0501	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,336.46	30.84
28 21 00 00-0502	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,230.37	30.84
28 21 00 00-0503	EA	115/230 Volt AC, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5)	2,230.37	30.84
28 21 00 00-0504	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,252.58	30.84
28 21 00 00-0505	EA	120 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5N)	2,252.58	30.84
28 21 00 00-0506	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,283.69	30.84
28 21 00 00-0507	EA	120 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5W)	2,283.69	30.84
28 21 00 00-0508	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	4,176.66	30.84
28 21 00 00-0509	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,292.20	30.84
28 21 00 00-0510	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	68.55	7.27
28 21 00 00-0511	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	68.55	7.27
28 21 00 00-0512		Camera Lenses *(28 21 00 00-0002)*		
28 21 00 00-0513		Fixed Focus Camera Lenses *(28 21 00 00-0512)* Note: 1/3" format and manual focus.		
28 21 00 00-0514		Manual Iris, Fixed Focus Camera Lenses *(28 21 00 00-0513)*		
28 21 00 00-0515	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	122.37	10.60
28 21 00 00-0516	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	101.64	10.60
28 21 00 00-0517	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	91.27	10.60
28 21 00 00-0518	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	89.05	10.60
28 21 00 00-0519		Direct Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 00 00-0513)* Note: Includes spot filter. Excludes amplifier.		
28 21 00 00-0520	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	152.74	10.60
28 21 00 00-0521	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	122.37	10.60
28 21 00 00-0522	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	114.97	10.60
28 21 00 00-0523	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	82.38	10.60
28 21 00 00-0524		Video Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 00 00-0513)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 00 00-0525	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	180.14	10.60
28 21 00 00-0526	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	149.04	10.60
28 21 00 00-0527	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	141.63	10.60
28 21 00 00-0528	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	135.71	10.60
28 21 00 00-0529		Varifocal Camera Lenses *(28 21 00 00-0512)* Note: 1/3" format and manual focus and zoom.		
28 21 00 00-0530		Manual Iris, Varifocal Camera Lenses *(28 21 00 00-0529)*		
28 21 00 00-0531	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	183.84	10.60
28 21 00 00-0532	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	143.11	10.60
28 21 00 00-0533	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	111.27	10.60
28 21 00 00-0534	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	97.93	10.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0535	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	254.20	10.60
28 21 00 00-0536	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	146.81	10.60
28 21 00 00-0537	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	178.66	10.60
28 21 00 00-0538		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 00 00-0529)*		
		Note: Includes spot filter.		
28 21 00 00-0539	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	215.69	10.60
28 21 00 00-0540	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	189.03	10.60
28 21 00 00-0541	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	141.63	10.60
28 21 00 00-0542	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	102.38	10.60
28 21 00 00-0543	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	277.16	10.60
28 21 00 00-0544	EA	5-40 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-40)	163.11	10.60
28 21 00 00-0545	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	213.47	10.60
28 21 00 00-0546		Video Drive Auto Iris, Varifocal Camera Lenses *(28 21 00 00-0529)*		
		Note: Includes spot filter.		
28 21 00 00-0547	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	243.09	10.60
28 21 00 00-0548	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	215.69	10.60
28 21 00 00-0549	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	129.78	10.60
28 21 00 00-0550	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	240.13	10.60
28 21 00 00-0551		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 00 00-0529)*		
28 21 00 00-0552	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	120.15	10.60
28 21 00 00-0553	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	187.55	10.60
28 21 00 00-0554		Motorized Zoom Camera Lenses *(28 21 00 00-0512)*		
		Note: 1/3" format.		
28 21 00 00-0555		Manual Iris, Motorized Zoom Camera Lenses *(28 21 00 00-0554)*		
28 21 00 00-0556	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	440.83	10.60
28 21 00 00-0557	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	550.44	10.60
28 21 00 00-0558	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	586.73	10.60
28 21 00 00-0559		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 00 00-0554)*		
		Note: Includes spot filter.		
28 21 00 00-0560	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	424.54	10.60
28 21 00 00-0561	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	510.45	10.60
28 21 00 00-0562	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	648.20	10.60
28 21 00 00-0563	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	955.55	10.60
28 21 00 00-0564	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	1,573.21	10.60
28 21 00 00-0565		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 00 00-0554)*		
		Note: Includes spot filter.		
28 21 00 00-0566	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	451.94	10.60
28 21 00 00-0567	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	537.85	10.60
28 21 00 00-0568	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	675.60	10.60
28 21 00 00-0569	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	982.95	10.60
28 21 00 00-0570	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	1,599.87	10.60
28 21 00 00-0571		Camera Power Supplies *(28 21 00 00-0002)*		
28 21 00 00-0572	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	31.39	9.03
28 21 00 00-0573	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	53.61	9.03
28 21 00 00-0574	EA	2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	118.34	18.06
28 21 00 00-0575	EA	5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	163.80	27.10
28 21 00 00-0576	EA	10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	235.93	36.13
		For Switchable Outputs, Add	*98.20*	
28 21 00 00-0577	EA	20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	291.76	45.16
		For Switchable Outputs, Add	*120.86*	
28 21 00 00-0578		Camera Illuminators *(28 21 00 00-0002)*		
28 21 00 00-0579		Camera Illuminators *(28 21 00 00-0578)*		
		Note: Includes lamp and mounting bracket.		
28 21 00 00-0580	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,170.73	18.06
28 21 00 00-0581	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,170.73	18.06
28 21 00 00-0582	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,170.73	18.06
28 21 00 00-0583		Camera Illuminator Accessories *(28 21 00 00-0578)*		
28 21 00 00-0584	EA	Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	99.08	18.06
28 21 00 00-0585		Camera Receivers *(28 21 00 00-0002)*		
28 21 00 00-0586	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,140.20	30.84
28 21 00 00-0587	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,140.20	30.84

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28 21 00 00-0588			**Pan And Tilt Drives** *(28 21 00 00-0002)*		
28 21 00 00-0589		EA	15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	811.65	67.74
28 21 00 00-0590		EA	40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,027.90	67.74
			For Preset Positioning, Add	*165.00*	
28 21 00 00-0591		EA	100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	2,162.50	67.74
			For Preset Positioning, Add	*165.00*	
28 21 00 00-0592		EA	100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	2,469.85	67.74
			For Preset Positioning, Add	*165.00*	
28 21 00 00-0593		EA	100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	2,856.44	67.74
			For Preset Positioning, Add	*165.00*	
28 21 00 00-0594		EA	100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	3,678.51	67.74
			For Preset Positioning, Add	*165.00*	
28 21 00 00-0595			**Scanners** *(28 21 00 00-0002)*		
28 21 00 00-0596		EA	35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	924.96	67.74
			For Wall Mount, Add	*39.05*	
			For Pressure Sensor Alarm, Add	*51.15*	
28 21 00 00-0597		EA	35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	971.62	67.74
			For Wall Mount, Add	*39.05*	
			For Pressure Sensor Alarm, Add	*51.15*	
28 21 00 00-0598			**Camera Monitors** *(28 21 00 00-0001)*		
28 21 00 00-0599			**Camera Monitors** *(28 21 00 00-0598)*		
28 21 00 00-0600			**Monochrome Camera Monitors** *(28 21 00 00-0599)*		
28 21 00 00-0601		EA	9" Monochrome Camera Monitor (Pelco PMM9A)	180.40	13.55
28 21 00 00-0602		EA	12" Monochrome Camera Monitor (Pelco PMM12A)	206.33	13.55
28 21 00 00-0603		EA	15" Monochrome Camera Monitor (Pelco PMM15A)	315.93	13.55
28 21 00 00-0604		EA	20" Monochrome Camera Monitor (Pelco PMM20A)	507.75	13.55
28 21 00 00-0605			**Color Camera Monitors** *(28 21 00 00-0599)*		
28 21 00 00-0606		EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	572.92	13.55
28 21 00 00-0607		EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	464.79	13.55
28 21 00 00-0608		EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	675.12	13.55
28 21 00 00-0609		EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	897.30	13.55
28 21 00 00-0610			**LCD Camera Monitors** *(28 21 00 00-0598)*		
28 21 00 00-0611			**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 00 00-0610)*		
			Note: Displays VGA computer signals.		
28 21 00 00-0612		EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	647.72	13.55
28 21 00 00-0613		EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	843.24	13.55
28 21 00 00-0614			**Multimode, Color LCD Camera Monitors (Pelco 300 Series)** *(28 21 00 00-0610)*		
			Note: Displays VGA computer signals and/or composite video signals.		
28 21 00 00-0615		EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	736.59	13.55
28 21 00 00-0616		EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	881.75	13.55
28 21 00 00-0617		EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,084.68	13.55
28 21 00 00-0618			**Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)** *(28 21 00 00-0610)*		
			Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 00 00-0619		EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	945.44	13.55
28 21 00 00-0620		EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,096.53	13.55
28 21 00 00-0621		EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,375.73	13.55
28 21 00 00-0622			**Camera Monitor Mounting Accessories** *(28 21 00 00-0598)*		
28 21 00 00-0623			**Camera Monitor Mounts** *(28 21 00 00-0622)*		
28 21 00 00-0624		EA	Up To 14", Camera Monitor Mount (Pelco)	221.28	18.06
28 21 00 00-0625		EA	>14" To 17", Camera Monitor Mount (Pelco)	257.57	18.06
28 21 00 00-0626		EA	>17" To 21", Camera Monitor Mount (Pelco)	302.01	18.06
28 21 00 00-0627			**Camera Monitor Rack Mount Kits** *(28 21 00 00-0622)*		
28 21 00 00-0628		EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	134.63	18.06
28 21 00 00-0629			**Video Transmission Equipment** *(28 21 00 00-0001)*		
28 21 00 00-0630			**UTP Cable, Video Transmission Equipment** *(28 21 00 00-0629)*		
28 21 00 00-0631			**UTP Cable, Active Video Receivers** *(28 21 00 00-0630)*		
28 21 00 00-0632		EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	278.45	22.58
28 21 00 00-0633		EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	954.62	22.58
28 21 00 00-0634		EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,876.66	22.58
28 21 00 00-0635		EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	3,081.62	22.58
28 21 00 00-0636		EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,597.82	22.58

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28 21 00 00-0637		**UTP Cable, Passive Video Transceivers** *(28 21 00 00-0630)*		
28 21 00 00-0638	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	82.93	22.58
28 21 00 00-0639	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	278.45	22.58
28 21 00 00-0640	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	512.48	22.58
28 21 00 00-0641	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	973.13	22.58
28 21 00 00-0642	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,901.84	22.58
28 21 00 00-0643		**UTP Cable, Active Video Transmitters** *(28 21 00 00-0630)*		
28 21 00 00-0644	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	291.04	22.58
28 21 00 00-0645		**Fiber Optics, Video Transmission Equipment** *(28 21 00 00-0629)*		
28 21 00 00-0646		**Data Only, Fiber Optics Transmission Equipment** *(28 21 00 00-0645)*		
28 21 00 00-0647		**Bidirectional Data, Fiber Optics Transmitters** *(28 21 00 00-0646)*		
28 21 00 00-0648	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,681.13	45.16
28 21 00 00-0649	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	690.21	45.16
28 21 00 00-0650	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,230.10	45.16
28 21 00 00-0651	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	850.18	45.16
28 21 00 00-0652		**Bidirectional Data, Fiber Optics Receivers** *(28 21 00 00-0646)*		
28 21 00 00-0653	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,681.13	45.16
28 21 00 00-0654	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	690.21	45.16
28 21 00 00-0655	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,230.10	45.16
28 21 00 00-0656	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	850.18	45.16
28 21 00 00-0657		**Video Only, Fiber Optics Transmission Equipment** *(28 21 00 00-0645)*		
28 21 00 00-0658		**Digitally Encoded Video, Fiber Optics Transmitters** *(28 21 00 00-0657)*		
28 21 00 00-0659	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	749.45	45.16
28 21 00 00-0660	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	330.27	45.16
28 21 00 00-0661	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,066.98	45.16
28 21 00 00-0662	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,244.92	45.16
28 21 00 00-0663	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,382.29	45.16
28 21 00 00-0664	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,813.51	45.16
28 21 00 00-0665	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	8,388.74	45.16
28 21 00 00-0666	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	7,466.70	45.16
28 21 00 00-0667		**Digitally Encoded Video, Fiber Optics Receivers** *(28 21 00 00-0657)*		
28 21 00 00-0668	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	749.45	45.16
28 21 00 00-0669	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	330.27	45.16
28 21 00 00-0670	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,275.28	45.16
28 21 00 00-0671	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	520.61	45.16
28 21 00 00-0672	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,066.98	45.16
28 21 00 00-0673	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,244.92	45.16
28 21 00 00-0674	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	3,382.29	45.16
28 21 00 00-0675	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	2,813.51	45.16
28 21 00 00-0676	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	8,388.74	45.16
28 21 00 00-0677	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	7,466.70	45.16
28 21 00 00-0678		**Video And Data, Fiber Optics Transmission Equipment** *(28 21 00 00-0645)*		
28 21 00 00-0679		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters** *(28 21 00 00-0678)*		
28 21 00 00-0680	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,287.87	45.16
28 21 00 00-0681	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	770.19	45.16
28 21 00 00-0682	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	2,990.51	45.16
28 21 00 00-0683	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	2,589.84	45.16
28 21 00 00-0684	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	4,836.83	45.16
28 21 00 00-0685	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	3,508.19	45.16
28 21 00 00-0686		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 00 00-0678)*		
28 21 00 00-0687	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,287.87	45.16
28 21 00 00-0688	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	770.19	45.16
28 21 00 00-0689	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	2,990.51	45.16
28 21 00 00-0690	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	2,589.84	45.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0691	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	4,836.83	45.16
28 21 00 00-0692	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	3,508.19	45.16
28 21 00 00-0693		**Video, Audio And Data, Fiber Optics Transmission Equipment** *(28 21 00 00-0645)*		
28 21 00 00-0694		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters** *(28 21 00 00-0693)*		
28 21 00 00-0695	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	1,657.43	45.16
28 21 00 00-0696	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,319.72	45.16
28 21 00 00-0697		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 00 00-0693)*		
28 21 00 00-0698	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	1,657.43	45.16
28 21 00 00-0699	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,319.72	45.16
28 21 00 00-0700		**Video Amplifiers** *(28 21 00 00-0629)*		
28 21 00 00-0701		**Video Distribution Amplifiers** *(28 21 00 00-0700)*		
28 21 00 00-0702	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	205.51	11.29
28 21 00 00-0703	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	1,660.05	11.29
28 21 00 00-0704		**Video Equalizing Amplifiers** *(28 21 00 00-0700)*		
28 21 00 00-0705	EA	Video Equalizing Amplifier (Pelco EA2010)	223.28	11.29
28 21 00 00-0706	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	349.93	11.29
28 21 00 00-0707		**Network Video Equipment** *(28 21 00 00-0001)*		
28 21 00 00-0708		**Video Encoders/Decoders** *(28 21 00 00-0707)*		
28 21 00 00-0709	EA	MPEG4 IP Video Receiver (Pelco NET300R)	827.96	22.58
28 21 00 00-0710	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	827.96	22.58
28 21 00 00-0711	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	952.38	22.58
28 21 00 00-0712	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	952.38	22.58
28 21 00 00-0713		**Network Video Recorders** *(28 21 00 00-0707)*		
28 21 00 00-0714	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	5,219.72	45.16
28 21 00 00-0715	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	6,073.63	45.16
28 21 00 00-0716	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	7,782.93	45.16
28 21 00 00-0717	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	5,155.28	45.16
28 21 00 00-0718		**Network Video Recorder Software** *(28 21 00 00-0707)*		
28 21 00 00-0719	EA	10 User, License Pack (Pelco VMX300-LIC-10)	515.46	
28 21 00 00-0720	EA	20 User, License Pack (Pelco VMX300-LIC-20)	929.45	
28 21 00 00-0721	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,064.05	
28 21 00 00-0722	EA	100 User, License Pack (Pelco VMX300-LIC-100)	3,610.42	
28 21 00 00-0723	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	860.58	
28 21 00 00-0724	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,547.85	
28 21 00 00-0725	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,440.09	
28 21 00 00-0726	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	6,018.86	
28 21 00 00-0727	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	10,317.30	
28 21 00 00-0728	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	21,493.69	
28 21 00 00-0729	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	4,646.17	
28 21 00 00-0730	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	4,932.78	
28 21 00 00-0731	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	7,799.65	
28 21 00 00-0732	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	5,162.37	
28 21 00 00-0733	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	5,448.98	
28 21 00 00-0734	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	8,314.36	
28 21 00 00-0735	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	4,990.55	
28 21 00 00-0736	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	5,277.90	
28 21 00 00-0737	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	8,144.02	
28 21 00 00-0738	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	5,849.65	
28 21 00 00-0739	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	6,136.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0740	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	9,003.12	
28 21 00 00-0741		**Video Recording Equipment** *(28 21 00 00-0001)*		
28 21 00 00-0742		**Digital Video Recorders** *(28 21 00 00-0741)*		
28 21 00 00-0743	EA	8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,202.87	45.16
28 21 00 00-0744	EA	8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	5,678.15	45.16
28 21 00 00-0745	EA	8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,153.42	45.16
28 21 00 00-0746	EA	16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,817.57	45.16
28 21 00 00-0747	EA	16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	6,292.84	45.16
28 21 00 00-0748	EA	16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,768.12	45.16
28 21 00 00-0749	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	8,171.01	45.16
28 21 00 00-0750	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	11,203.02	45.16
28 21 00 00-0751	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	14,235.78	45.16
28 21 00 00-0752	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	9,836.62	45.16
28 21 00 00-0753	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	12,868.63	45.16
28 21 00 00-0754	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	15,901.39	45.16
28 21 00 00-0755	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	10,752.74	45.16
28 21 00 00-0756	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	13,784.75	45.16
28 21 00 00-0757	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	16,817.51	45.16
28 21 00 00-0758	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	12,418.35	45.16
28 21 00 00-0759	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	15,450.36	45.16
28 21 00 00-0760	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	18,483.12	45.16
28 21 00 00-0761	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	9,019.22	45.16
28 21 00 00-0762		**Digital Video Recorder Accessories** *(28 21 00 00-0741)*		
28 21 00 00-0763	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	801.30	22.58
28 21 00 00-0764		**Matrix Systems And Controls** *(28 21 00 00-0001)*		
28 21 00 00-0765		**Video Multiplexers** *(28 21 00 00-0764)*		
28 21 00 00-0766		**Monochrome Duplex, Video Multiplexers** *(28 21 00 00-0765)*		
28 21 00 00-0767	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	1,507.83	45.16
28 21 00 00-0768	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,425.62	45.16
28 21 00 00-0769		**Color Duplex, Video Multiplexers** *(28 21 00 00-0765)*		
28 21 00 00-0770	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,021.25	45.16
28 21 00 00-0771	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	1,940.34	45.16
28 21 00 00-0772	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	2,102.53	45.16
28 21 00 00-0773		**Color Simplex, Video Multiplexers** *(28 21 00 00-0765)*		
28 21 00 00-0774	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	1,632.25	45.16
28 21 00 00-0775	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	1,904.79	45.16
28 21 00 00-0776		**Video Multiplexer Accessories** *(28 21 00 00-0765)*		
28 21 00 00-0777	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	905.43	30.84
28 21 00 00-0778	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	536.61	30.84
28 21 00 00-0779	EA	Video Multiplexer Server (Pelco MX4000SVR)	1,507.83	45.16
28 21 00 00-0780		**Quad Video Processor** *(28 21 00 00-0764)*		
28 21 00 00-0781	EA	Monochrome, Quad Video Processor (Pelco QD104M)	468.04	22.58
28 21 00 00-0782	EA	Color, Quad Video Processor (Pelco QD104C)	764.28	22.58
28 21 00 00-0783		**Switcher** *(28 21 00 00-0764)*		
28 21 00 00-0784		**Terminating Manual Switchers** *(28 21 00 00-0783)*		
28 21 00 00-0785		**Terminating Manual Switchers** *(28 21 00 00-0784)*		
28 21 00 00-0786	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	164.25	18.06
28 21 00 00-0787	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	222.02	18.06
28 21 00 00-0788	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	269.42	18.06
28 21 00 00-0789	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	439.02	18.06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 00 00-0790		**Audio Follow, Terminating Manual Switchers** *(28 21 00 00-0784)*		
28 21 00 00-0791	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	211.65	18.06
28 21 00 00-0792	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	370.88	18.06
28 21 00 00-0793	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	645.64	18.06
28 21 00 00-0794		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 00 00-0784)*		
28 21 00 00-0795	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	282.01	18.06
28 21 00 00-0796	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	514.56	18.06
28 21 00 00-0797		**Looping Manual Switchers** *(28 21 00 00-0783)*		
28 21 00 00-0798		**Looping Manual Switchers** *(28 21 00 00-0797)*		
28 21 00 00-0799	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	183.51	18.06
28 21 00 00-0800	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	250.90	18.06
28 21 00 00-0801	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	319.04	18.06
28 21 00 00-0802	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	524.19	18.06
28 21 00 00-0803		**Audio Follow, Looping Manual Switchers** *(28 21 00 00-0797)*		
28 21 00 00-0804	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	227.95	18.06
28 21 00 00-0805	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	396.06	18.06
28 21 00 00-0806	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	542.70	18.06
28 21 00 00-0807		**Balanced Audio Follow, Looping Manual Switchers** *(28 21 00 00-0797)*		
28 21 00 00-0808	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	302.01	18.06
28 21 00 00-0809	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	544.92	18.06
28 21 00 00-0810	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	684.90	18.06
28 21 00 00-0811		**Sequential Switchers** *(28 21 00 00-0783)*		
28 21 00 00-0812		**Single Output, Sequential Switchers** *(28 21 00 00-0811)*		
28 21 00 00-0813	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	319.78	18.06
28 21 00 00-0814	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	475.31	18.06
28 21 00 00-0815		**Dual Outputs, Sequential Switchers** *(28 21 00 00-0811)*		
28 21 00 00-0816	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	399.02	18.06
28 21 00 00-0817	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	551.59	18.06
28 21 00 00-0818		**Controls** *(28 21 00 00-0764)*		
28 21 00 00-0819		**Direct/Multi-Cable Controls** *(28 21 00 00-0818)*		
28 21 00 00-0820	EA	Scanner Control Module (Pelco MPS524DT)	279.91	45.16
28 21 00 00-0821	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	298.43	45.16
28 21 00 00-0822	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	330.27	45.16
28 21 00 00-0823	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	345.09	45.16
28 21 00 00-0824	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	540.60	45.16
28 21 00 00-0825	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	594.67	45.16
28 21 00 00-0826		**Coaxitron Controls** *(28 21 00 00-0818)*		
28 21 00 00-0827	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	398.86	30.84
28 21 00 00-0828	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	747.69	30.84
28 21 00 00-0829	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	847.67	30.84
28 21 00 00-0830		**Digital Controls** *(28 21 00 00-0818)*		
28 21 00 00-0831	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	532.91	30.84
28 21 00 00-0832	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	898.03	30.84
28 21 00 00-0833		**Lock Boxes** *(28 21 00 00-0764)*		
28 21 00 00-0834	EA	VCR Lock Box (Pelco LB1000)	326.21	33.87
		For Wall Mount, Add	*165.00*	
28 21 00 00-0835	EA	Computer Disk Drive Lock Box (Pelco LB2000)	333.62	33.87
28 21 00 00-0836	EA	VCR And Multiplexer Lock Box (Pelco LB3000)	607.64	33.87
		Note: Includes storage for 32 VCR tapes.		

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm *(28 40)*

28 42 00 00-0001 Monitoring System For Underground Tanks *(28 42)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 42 00 00-0002		Continuous Leak Detection System *(28 42 00 00-0001)* Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.		
28 42 00 00-0003	EA	Single Channel Underground Tank Monitoring System	3,272.83	369.76
28 42 00 00-0004	EA	2 Channel Underground Tank Monitoring System	4,409.26	493.31
28 42 00 00-0005	EA	3 Channel Underground Tank Monitoring System	6,049.71	528.48
28 42 00 00-0006	EA	4 Channel Underground Tank Monitoring System	6,682.12	739.51
28 42 00 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	4,185.98	63.13
28 42 00 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	3,774.27	56.37
28 42 00 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	4,950.79	63.13
28 42 00 00-0010	EA	Tank Leak Detection Probe	1,525.80	13.53
28 42 00 00-0011	EA	Secondary Containment Collar Probe	190.45	5.41
28 42 00 00-0012	EA	Interstitial Leak Detection Probe	350.60	11.27
28 42 00 00-0013	EA	Liquid Phase Detection	1,153.24	33.82
28 42 00 00-0014	EA	Hydrocarbon Vapor, Fixed	1,067.40	33.82
28 42 00 00-0015	EA	Hydrocarbon Vapor, Float Mounted	1,243.36	38.33
28 42 00 00-0016	EA	Liquid And Vapor Hydrocarbon	1,415.05	38.33
28 42 00 00-0017		Hydrogen Gas Detection *(28 42)*		
28 42 00 00-0018	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,052.42	33.87
28 42 00 00-0019	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	61.09	11.29
28 42 00 00-0020	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	282.28	33.87

28 43 Fuel Oil Detection And Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection And Alarm *(28 40)*

28 46 11 Fire Sensors and Detectors *(28 46)*

28 46 11 11 Linear Heat Detection Sensors *(28 46 11)*

28 46 11 11-0001 Protectowire Fire Alarm *(28 46 11 11)*

28 46 11 11-0002 Linear Heat Detector Cable *(28 46 11 11-0001)*

28 46 11 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	3.28	
28 46 11 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M)	3.53	
28 46 11 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	3.53	
28 46 11 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M)	3.78	
28 46 11 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	4.36	
28 46 11 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	4.61	
28 46 11 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	46.49	
28 46 11 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	16.71	
28 46 11 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	6.25	
28 46 11 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	6.25	
28 46 11 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	7.19	
28 46 11 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	11.18	
28 46 11 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	11.51	
28 46 11 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	0.87	
28 46 11 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	1.18	
28 46 11 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	5.10	

28 46 20 Fire Alarm *(28 46)*

28 46 21 33 Fire Detection and Alarm Annunciation Panels and Fire Stations *(28 46 20)*

28 46 21 33-0001 Edwards Fire Alarm *(28 46 21 33)*

28 46 21 33-0002 EST3 Life Safety And Security Control *(28 46 21 33-0001)*

28 46 21 33-0003 EST3 Network *(28 46 21 33-0002)*

28 46 21 33-0004 Remote Annunciators *(28 46 21 33-0003)*

28 46 21 33-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	906.57	67.74
28 46 21 33-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	745.26	67.74
28 46 21 33-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	933.35	67.74
28 46 21 33-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	607.57	67.74
28 46 21 33-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	117.00	22.58
28 46 21 33-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	403.08	67.74
28 46 21 33-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	405.95	67.74
28 46 21 33-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	450.23	67.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	507.35	45.16
28 46 21 33-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	84.98	22.58
28 46 21 33-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,067.18	67.74
28 46 21 33-0016	EA	Primary Power Supply With Local Rail Module, 120 VAC, 50/60 Hz (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	885.94	22.58
28 46 21 33-0017		**Remote Annunciators Cabinets** *(28 46 21 33-0003)*		
28 46 21 33-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	90.70	22.58
28 46 21 33-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	81.67	18.06
28 46 21 33-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	100.81	22.58
28 46 21 33-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	91.78	18.06
28 46 21 33-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	110.29	22.58
28 46 21 33-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	101.26	18.06
28 46 21 33-0024		**Audio And Telephone Masters** *(28 46 21 33-0003)*		
28 46 21 33-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	2,887.29	90.32
28 46 21 33-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	1,628.42	90.32
28 46 21 33-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,526.15	90.32
28 46 21 33-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	1,541.87	90.32
28 46 21 33-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	1,754.27	90.32
28 46 21 33-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,824.72	45.16
28 46 21 33-0031		**Battery Distribution Unit** *(28 46 21 33-0003)*		
28 46 21 33-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	360.05	269.72
28 46 21 33-0033		**Remote Booster Power Supply** *(28 46 21 33-0003)*		
28 46 21 33-0034	EA	6.5 Amp, 120 VAC, Booster Power Supply (EST3 BPS6A)	528.93	67.74
28 46 21 33-0035	EA	10 Amp. 110 VAC Booster Power Supply (EST3 BPS10)	598.93	67.74
28 46 21 33-0036	EA	10 Amp, 220 VAC Booster Power Supply (EST3 BPS10220)	650.52	67.74
28 46 21 33-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	92.40	22.58
28 46 21 33-0038		**Batteries And Battery Cabinets** *(28 46 21 33-0003)*		
28 46 21 33-0039	EA	1.2 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V1A2 (1.2 Amp Hours))	73.17	22.58
28 46 21 33-0040	EA	4 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V4A (4.5 Amp Hours))	88.38	22.58
28 46 21 33-0041	EA	24 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V24A (26 Amp Hours))	193.31	22.58
28 46 21 33-0042	EA	6.5 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V6A5 (7.2 Amp Hours))	94.47	22.58
28 46 21 33-0043	EA	40 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V40A (40 Amp Hours))	242.02	22.58
28 46 21 33-0044	EA	10 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V10A (11 Amp Hours))	141.18	22.58
28 46 21 33-0045	EA	50 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V50A (50 Amp Hours))	479.33	22.58
28 46 21 33-0046	EA	17 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V17A (18 Amp Hours))	144.32	22.58
28 46 21 33-0047	EA	65 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V65A (65 Amp Hours))	574.75	22.58
28 46 21 33-0048	EA	8.0 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V8A (8 Amp Hours))	85.42	22.58
28 46 21 33-0049	EA	10 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V10A (12 Amp Hours))	77.82	22.58
28 46 21 33-0050	EA	Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	259.99	45.16
28 46 21 33-0051	EA	Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2) Note: Holds up to two 12V17A batteries.	219.03	45.16
28 46 21 33-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	715.74	90.32
28 46 21 33-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	877.00	90.32
28 46 21 33-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	1,211.39	90.32
28 46 21 33-0055		**Serial Printer** *(28 46 21 33-0003)*		
28 46 21 33-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	919.40	22.58
28 46 21 33-0057		**Intelligent Analog Initiating Devices** *(28 46 21 33-0002)*		
28 46 21 33-0058		**Detectors, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0059	EA	Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS)	159.47	33.87
28 46 21 33-0060	EA	Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB)	177.17	33.87
28 46 21 33-0061	EA	Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS)	154.19	33.87
28 46 21 33-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	138.37	33.87
28 46 21 33-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	143.65	33.87
28 46 21 33-0064	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS)	120.73	33.87
28 46 21 33-0065	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS)	120.73	33.87
28 46 21 33-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	181.88	33.87
28 46 21 33-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	199.16	33.87
28 46 21 33-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	166.27	33.87
28 46 21 33-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	231.98	33.87
28 46 21 33-0070	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA2-HFS)	141.74	33.87
28 46 21 33-0071	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA2-HRS)	141.74	33.87
28 46 21 33-0072	EA	Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA2-PHS)	188.35	33.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0073		**Detectors, Duct Housings and Accessories, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	316.70	56.45
28 46 21 33-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	15.85	
28 46 21 33-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	44.65	13.55
28 46 21 33-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	84.35	18.06
28 46 21 33-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	111.12	18.06
28 46 21 33-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	53.06	18.06
28 46 21 33-0080		**Detectors, Smoke, Beam** *(28 46 21 33-0057)*		
28 46 21 33-0081	EA	Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A)	104.05	
28 46 21 33-0082	EA	Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01) Note: Includes controller and remote mount transmitter and receiver head.	1,215.03	33.87
28 46 21 33-0083	EA	Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00)	76.91	11.29
28 46 21 33-0084	EA	Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01)	90.46	11.29
28 46 21 33-0085	EA	160 - 330' Reflective Beam Detector (EST3 EC-100R)	1,244.04	33.87
28 46 21 33-0086	EA	15 - 160' Reflective Beam Detector (EST3 EC-50R)	1,063.07	33.87
28 46 21 33-0087	EA	Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT)	248.84	11.29
28 46 21 33-0088	EA	160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R)	1,257.62	33.87
28 46 21 33-0089		**Modules, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0090	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	145.69	22.58
28 46 21 33-0091	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	98.98	22.58
28 46 21 33-0092	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	136.89	22.58
28 46 21 33-0093	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	131.58	22.58
28 46 21 33-0094	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	124.60	22.58
28 46 21 33-0095	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	147.51	22.58
28 46 21 33-0096	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).	119.25	22.58
28 46 21 33-0097	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	115.79	22.58
28 46 21 33-0098	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	151.05	22.58
28 46 21 33-0099	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	147.51	22.58
28 46 21 33-0100	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	142.24	22.58
28 46 21 33-0101	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	131.30	108.72
28 46 21 33-0102	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	98.98	22.58
28 46 21 33-0103	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	147.18	22.58
28 46 21 33-0104		**Module Accessories, Signature** *(28 46 21 33-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 & 2-gang modules.		
28 46 21 33-0105	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	40.30	11.29
28 46 21 33-0106	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	129.87	22.58
28 46 21 33-0107	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	16.19	6.77
28 46 21 33-0108	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	46.40	11.29
28 46 21 33-0109	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	42.02	11.29
28 46 21 33-0110	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	43.75	11.29
28 46 21 33-0111		**Single Action Pull Stations, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0112	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	169.76	46.97
28 46 21 33-0113	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	196.21	46.97
28 46 21 33-0114	EA	GA Key - For Pre Signal Station (EST3 276-K2)	22.47	17.96
28 46 21 33-0115	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	27.56	23.05
28 46 21 33-0116	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	47.56	29.49
28 46 21 33-0117		**Double Action Pull Stations, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0118	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	175.03	46.97
28 46 21 33-0119	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	27.94	4.52
28 46 21 33-0120		**Detector Bases and Accessories, Signature** *(28 46 21 33-0057)* Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 21 33-0121	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	79.44	11.29
28 46 21 33-0122	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	33.22	11.29
28 46 21 33-0123	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	97.80	11.29
28 46 21 33-0124	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	57.93	11.29
28 46 21 33-0125	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	66.74	11.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0126	EA	Detector Mounting Plate (EST3 SIGA-DMP)	102.02	11.29
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 21 33-0127	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	40.30	11.29
28 46 21 33-0128	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	16.26	6.77
28 46 21 33-0129	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	16.26	6.77
28 46 21 33-0130	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	40.08	6.77
28 46 21 33-0131	EA	Detector Base With Isolator (EST3 SIGA-IB)	65.85	11.29
28 46 21 33-0132	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	69.63	11.29
28 46 21 33-0133	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	59.26	11.29
28 46 21 33-0134	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	59.26	11.29
28 46 21 33-0135	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	34.53	11.29
28 46 21 33-0136		**Controllers, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0137	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	1,991.14	67.74
28 46 21 33-0138	EA	Single Signature Loop Controller (EST3 3-SSDC1)	1,158.09	67.74
28 46 21 33-0139	EA	Signature Loop Controller (EST3 3-SDC1)	1,044.38	67.74
28 46 21 33-0140	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	1,650.31	67.74
28 46 21 33-0141		**Relays And Accessories** *(28 46 21 33-0057)*		
28 46 21 33-0142	EA	Multi Voltage Relay (EST3 MR101)	116.69	22.58
28 46 21 33-0143	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	37.40	11.29
28 46 21 33-0144		**Notification Appliances** *(28 46 21 33-0002)*		
28 46 21 33-0145		**Wall Strobes, Horns And Chimes** *(28 46 21 33-0144)*		
28 46 21 33-0146	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	105.45	33.87
28 46 21 33-0147	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	105.45	33.87
28 46 21 33-0148	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	117.73	33.87
28 46 21 33-0149	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	91.61	33.87
28 46 21 33-0150	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	91.61	33.87
28 46 21 33-0151	EA	Temporal Horn, Hi/Lo dB Output, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	91.61	33.87
28 46 21 33-0152	EA	Temporal Horn, Hi/Lo dB Output, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	91.61	33.87
28 46 21 33-0153	EA	Horn (Steady Tone), 24 VDC, White, Not Compatible With Signal Master (EST3 G1-P)	79.98	33.87
28 46 21 33-0154	EA	Horn (Steady Tone) - 24 VDC, Red, Not Compatible With Signal Master (EST3 G1R-P)	79.98	33.87
28 46 21 33-0155	EA	Horn (Steady Tone), 24 VDC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	79.98	33.87
28 46 21 33-0156	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	167.86	33.87
28 46 21 33-0157	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	167.86	33.87
28 46 21 33-0158	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	116.24	33.87
28 46 21 33-0159	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	116.24	33.87
28 46 21 33-0160	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	105.45	33.87
28 46 21 33-0161	EA	Multi-cd Strobe, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	105.45	33.87
28 46 21 33-0162	EA	Multi-Candela Strobe, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	105.45	33.87
28 46 21 33-0163	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	105.45	33.87
28 46 21 33-0164	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	108.90	33.87
28 46 21 33-0165	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	108.90	33.87
28 46 21 33-0166	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	116.98	33.87
28 46 21 33-0167	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	108.90	33.87
28 46 21 33-0168	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	108.90	33.87
28 46 21 33-0169	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	72.42	33.87
28 46 21 33-0170	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	72.42	33.87
28 46 21 33-0171		**Wall Speakers And Speaker Strobes** *(28 46 21 33-0144)*		
28 46 21 33-0172	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	90.57	33.87
28 46 21 33-0173	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	129.52	33.87
28 46 21 33-0174	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	90.57	33.87
28 46 21 33-0175	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	129.52	33.87
28 46 21 33-0176	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	45.62	18.06
28 46 21 33-0177	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	45.62	18.06
28 46 21 33-0178		**Ceiling Speakers And Speaker Strobes** *(28 46 21 33-0144)*		
28 46 21 33-0179	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	104.70	33.87
28 46 21 33-0180	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	129.52	33.87
28 46 21 33-0181	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	137.38	33.87
28 46 21 33-0182		**Harsh Environment Signals** *(28 46 21 33-0144)*		
28 46 21 33-0183	EA	Temporal Horn, Self-Synchronized, 24 VDC (EST3 757-1A-T)	95.03	33.87
28 46 21 33-0184	EA	15/75 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-7A-T)	126.03	33.87
28 46 21 33-0185	EA	110 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-8A-T)	126.03	33.87
28 46 21 33-0186	EA	15 Candela Synchronized, 24 VDC, Strobe (EST3 405-5A-T)	116.81	33.87
28 46 21 33-0187	EA	15/75 Candela Synchronized, 24 VDC, Strobe (EST3 405-7A-T)	110.68	33.87
28 46 21 33-0188	EA	30 Candela Synchronized, 24 VDC, Strobe (EST3 405-3A-T)	116.81	33.87
28 46 21 33-0189	EA	60 Candela Synchronized, 24 VDC, Strobe (EST3 405-6A-T)	116.81	33.87
28 46 21 33-0190	EA	110 Candela Synchronized, 24 VDC, Strobe (EST3 405-8A-T)	116.81	33.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0191	EA	15/75 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	129.65	38.39
28 46 21 33-0192	EA	110 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	129.65	38.39
28 46 21 33-0193	EA	15 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-5A-T)	97.47	33.87
28 46 21 33-0194	EA	30 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-3A-T)	120.77	33.87
28 46 21 33-0195		**Fire Alarm Bells** *(28 46 21 33-0144)*		
28 46 21 33-0196	EA	10" Single Stroke Fire Alarm Bells, 24 VDC (EST3 323D-10AW)	134.63	33.87
28 46 21 33-0197	EA	6" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-6AW)	111.48	33.87
28 46 21 33-0198	EA	10" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-10AW)	121.36	33.87
28 46 21 33-0199		**Multiple Tone Signal** *(28 46 21 33-0144)*		
28 46 21 33-0200	EA	27 Tone Selectable Signal, 24 VDC (EST3 5530MD-24AW)	762.52	728.65
28 46 21 33-0201		**Multi-Purpose Loudspeaker** *(28 46 21 33-0144)*		
28 46 21 33-0202	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	171.56	33.87
28 46 21 33-0203	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	171.56	33.87
28 46 21 33-0204		**Bell/Strobe Plate** *(28 46 21 33-0144)*		
28 46 21 33-0205	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	87.30	18.06
28 46 21 33-0206		**Mounting Accessories** *(28 46 21 33-0144)*		
28 46 21 33-0207	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	46.34	18.06
28 46 21 33-0208	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	46.34	18.06
28 46 21 33-0209	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	46.34	18.06
28 46 21 33-0210	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	46.34	18.06
28 46 21 33-0211	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	46.34	18.06
28 46 21 33-0212		**Firefighters' Telephones** *(28 46 21 33-0144)*		
28 46 21 33-0213	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	697.32	56.45
28 46 21 33-0214	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	405.11	56.45
28 46 21 33-0215	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	291.89	56.45
28 46 21 33-0216	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	221.67	56.45
28 46 21 33-0217	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	392.02	56.45
28 46 21 33-0218	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	246.73	56.45
28 46 21 33-0219	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	438.39	56.45
28 46 21 33-0220	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	255.08	56.45
28 46 21 33-0221	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	497.77	56.45
28 46 21 33-0222	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	59.57	18.06
28 46 21 33-0223	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	68.21	18.06
28 46 21 33-0224	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	84.60	
28 46 21 33-0225	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	84.60	
28 46 21 33-0226	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	136.32	22.58
28 46 21 33-0227	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	166.56	22.58
28 46 21 33-0228	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	121.21	22.58
28 46 21 33-0229	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4)	116.76	22.58
28 46 21 33-0230	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	95.37	33.87
28 46 21 33-0231	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	712.91	45.16
28 46 21 33-0232		**Mass Notification EC Appliances** *(28 46 21 33-0144)*		
28 46 21 33-0233	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	108.93	33.87
28 46 21 33-0234	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	105.79	33.87
28 46 21 33-0235	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	108.93	33.87
28 46 21 33-0236	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	105.79	33.87
28 46 21 33-0237	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	17.30	6.77
28 46 21 33-0238		**Hazardous Location Devices** *(28 46 21 33-0002)*		
28 46 21 33-0239		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 21 33-0238)*		
28 46 21 33-0240	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	98.92	33.87
28 46 21 33-0241	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	98.92	33.87
28 46 21 33-0242	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	101.53	33.87
28 46 21 33-0243	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	101.53	33.87
28 46 21 33-0244	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	132.72	33.87
28 46 21 33-0245	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	132.72	33.87
28 46 21 33-0246	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	101.53	33.87
28 46 21 33-0247	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	101.53	33.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0248		**Hazardous Locations Fire Alarm Station** *(28 46 21 33-0238)*		
28 46 21 33-0249	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	736.93	56.45
28 46 21 33-0250	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	703.03	56.45
28 46 21 33-0251		**Hazardous Location Strobes** *(28 46 21 33-0238)*		
28 46 21 33-0252	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,068.22	33.87
28 46 21 33-0253	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	202.06	11.29
28 46 21 33-0254	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	263.69	13.55
28 46 21 33-0255	EA	Pendant Mounting Module (EST3 116EX-P)	195.45	13.55
28 46 21 33-0256		**Hazardous Location Bells** *(28 46 21 33-0238)*		
28 46 21 33-0257	EA	6" Hazardous Location Bells, 24 VDC (EST3 439DEX-6AW)	775.95	33.87
28 46 21 33-0258	EA	8" Hazardous Location Bells, 24 VDC (EST3 439DEX-8AW)	795.58	33.87
28 46 21 33-0259	EA	10" Hazardous Location Bells, 24 VDC (EST3 439DEX-10AW)	802.65	33.87
28 46 21 33-0260		**Hazardous Location Horns** *(28 46 21 33-0238)*		
28 46 21 33-0261	EA	Hazardous Location Horns (EST3 888D-N5)	759.04	33.87
28 46 21 33-0262	EA	Explosion Proof Horn, Diode Polarized, 24 VDC (EST3 889D-AW)	623.22	33.87
28 46 21 33-0263		**Door Holders And Relays** *(28 46 21 33-0002)*		
28 46 21 33-0264		**Electromagnetic Door Holders** *(28 46 21 33-0263)*		
28 46 21 33-0265	EA	Door Holder, Single, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1501-AQN5)	150.80	33.87
28 46 21 33-0266	EA	Door Holder, Double, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1502-AQN5)	190.20	33.87
28 46 21 33-0267	EA	Door Holder, Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1504-AQN5)	130.69	33.87
28 46 21 33-0268	EA	Door Holder, Flush, Wall Mount, Short Catch Plate - 24 VAC / 24 VDC / 120 VAC (EST3 1505-AQN5)	130.69	33.87
28 46 21 33-0269	EA	Door Holder, Surface, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1508-AQN5)	132.51	33.87
28 46 21 33-0270	EA	Door Holder, Completely Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1509-AQN5)	134.24	33.87
28 46 21 33-0271		**Control Relays, Multi-Voltage** *(28 46 21 33-0263)*		
28 46 21 33-0272	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	30.45	6.77
28 46 21 33-0273		**FireShield Plus** *(28 46 21 33-0002)*		
28 46 21 33-0274		**3 Zone System** *(28 46 21 33-0273)*		
28 46 21 33-0275	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	863.70	270.97
28 46 21 33-0276	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,240.55	361.29
28 46 21 33-0277	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	863.70	270.97
28 46 21 33-0278	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,240.55	361.29
28 46 21 33-0279	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	56.52	11.29
28 46 21 33-0280	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	56.52	11.29
28 46 21 33-0281		**5 Zone System** *(28 46 21 33-0273)*		
28 46 21 33-0282	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	918.64	270.97
28 46 21 33-0283	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,292.34	361.29
28 46 21 33-0284	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	918.64	270.97
28 46 21 33-0285	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,292.34	361.29
28 46 21 33-0286	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	56.52	11.29
28 46 21 33-0287	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	56.52	11.29
28 46 21 33-0288		**10 Zone System** *(28 46 21 33-0273)*		
28 46 21 33-0289	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	1,311.18	361.29
28 46 21 33-0290	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	1,688.03	451.61
28 46 21 33-0291	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,287.63	361.29
28 46 21 33-0292	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	1,688.03	451.61
28 46 21 33-0293	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	65.02	11.29
28 46 21 33-0294	EA	NAC Power Expansion Transformer, 120 VAC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	119.90	22.58

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0295		**FireShield Plus Off Premise Communication Options** *(28 46 21 33-0273)*		
28 46 21 33-0296	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	249.21	22.58
28 46 21 33-0297		**FireShield Plus Remote LED Annunciators** *(28 46 21 33-0273)*		
28 46 21 33-0298	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	118.67	33.87
28 46 21 33-0299	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	118.67	33.87
28 46 21 33-0300	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	122.68	33.87
28 46 21 33-0301	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	23.76	6.77
28 46 21 33-0302	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	28.88	6.77
28 46 21 33-0303	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	41.19	6.77
28 46 21 33-0304		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 21 33-0273)*		
28 46 21 33-0305	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	334.58	33.87
28 46 21 33-0306	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	365.97	33.87
28 46 21 33-0307	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	123.64	22.58
28 46 21 33-0308		**FireShield Plus Remote Relays And Interfaces** *(28 46 21 33-0273)*		
28 46 21 33-0309	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	130.05	22.58
28 46 21 33-0310	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	56.02	13.55
28 46 21 33-0311	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	200.55	22.58
28 46 21 33-0312		**FireShield Plus Accessories** *(28 46 21 33-0273)*		
28 46 21 33-0313	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	12.77	
28 46 21 33-0314	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	8.48	
28 46 21 33-0315		**iO Series Fire Control Panels** *(28 46 21 33-0002)*		
28 46 21 33-0316		**Intelligent Analog Control Panels** *(28 46 21 33-0315)*		
28 46 21 33-0317	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	2,635.19	451.61
28 46 21 33-0318	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18 a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	2,787.45	451.61
28 46 21 33-0319	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10 a/h Batteries, English (EST3 iO64G)	2,104.39	361.29
28 46 21 33-0320	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	2,175.03	361.29
28 46 21 33-0321		**Option Modules And Accessories For iO Series** *(28 46 21 33-0315)*		
28 46 21 33-0322	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	224.70	33.87
28 46 21 33-0323	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	146.22	33.87
28 46 21 33-0324	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	146.22	33.87
28 46 21 33-0325	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	123.64	22.58
28 46 21 33-0326	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	240.18	18.06
28 46 21 33-0327	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	428.54	18.06
28 46 21 33-0328	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	55.54	11.29
28 46 21 33-0329	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	63.39	11.29
28 46 21 33-0330	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	796.65	45.16
28 46 21 33-0331		**Remote Annunciators For iO Series** *(28 46 21 33-0315)*		
28 46 21 33-0332	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	440.52	33.87
28 46 21 33-0333	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	460.15	33.87
28 46 21 33-0334		**Remote Annunciator Accessories** *(28 46 21 33-0315)*		
28 46 21 33-0335	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	53.97	11.29
28 46 21 33-0336	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	38.28	11.29
28 46 21 33-0337	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	50.04	11.29
28 46 21 33-0338	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	146.22	33.87
28 46 21 33-0339	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	165.84	33.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0340	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	185.46	33.87
28 46 21 33-0341	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	38.28	11.29
28 46 21 33-0342	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	38.28	11.29
28 46 21 33-0343	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	72.57	11.29
28 46 21 33-0344		System Accessories *(28 46 21 33-0315)*		
28 46 21 33-0345	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 VDC, 24 Amp Batteries (EST3 BC-1)	259.99	45.16
28 46 21 33-0346	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,258.13	361.29
28 46 21 33-0347		Conventional Initiating Devices *(28 46 21 33-0002)*		
28 46 21 33-0348		Detectors, Heat, Double Pole *(28 46 21 33-0347)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 21 33-0349	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	110.03	33.87
28 46 21 33-0350	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	110.03	33.87
28 46 21 33-0351	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	110.03	33.87
28 46 21 33-0352	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	110.03	33.87
28 46 21 33-0353		Detectors, Rate Compensation Heat, Accessories *(28 46 21 33-0347)*		
28 46 21 33-0354	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	73.67	33.87
28 46 21 33-0355	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	164.42	18.06
28 46 21 33-0356	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	60.45	22.58
28 46 21 33-0357		Detectors, Heat, Fire-Lite *(28 46 21 33-0347)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 21 33-0358	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	102.48	33.87
28 46 21 33-0359	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	102.48	33.87
28 46 21 33-0360		Audio Notification Systems (Standalone Voice Evacuation) *(28 46 21 33-0002)*		
28 46 21 33-0361		Audio Notification Panels *(28 46 21 33-0360)*		
28 46 21 33-0362	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	3,234.11	451.61
28 46 21 33-0363	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	3,234.11	451.61
28 46 21 33-0364	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	2,472.84	451.61
28 46 21 33-0365	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	2,472.84	451.61
28 46 21 33-0366	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	2,849.56	451.61
28 46 21 33-0367	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	2,849.56	451.61
28 46 21 33-0368		Audio Notification Expander Panels *(28 46 21 33-0360)*		
28 46 21 33-0369	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	2,535.63	451.61
28 46 21 33-0370	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	2,535.63	451.61
28 46 21 33-0371	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	1,797.91	451.61
28 46 21 33-0372	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	1,797.91	451.61
28 46 21 33-0373	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	2,229.55	451.61
28 46 21 33-0374	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	2,229.55	451.61
28 46 21 33-0375		Audio Notification Output Accessories *(28 46 21 33-0360)*		
28 46 21 33-0376	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	93.21	11.29
28 46 21 33-0377	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	398.33	22.58
28 46 21 33-0378	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	398.33	22.58
28 46 21 33-0379	EA	Class A Converter (GE ANSZSC4A)	288.45	22.58
28 46 21 33-0380		Audio Notification Remote Microphone *(28 46 21 33-0360)*		
28 46 21 33-0381	EA	Microphone (GE ANSMIKE)	115.79	22.58
28 46 21 33-0382	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	437.57	22.58
28 46 21 33-0383	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	437.57	22.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0384	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	101.06	11.29
28 46 21 33-0385	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	57.89	11.29
28 46 21 33-0386		**Audio Notification Accessories** *(28 46 21 33-0360)*		
28 46 21 33-0387	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	186.43	22.58
28 46 21 33-0388	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	186.43	22.58
28 46 21 33-0389	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	186.43	22.58
28 46 21 33-0390	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	398.33	22.58
28 46 21 33-0391		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 21 33-0360)*		
28 46 21 33-0392	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	1,432.35	45.16
28 46 21 33-0393	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	1,502.98	45.16
28 46 21 33-0394	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	2,068.05	45.16
28 46 21 33-0395	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	796.65	45.16
28 46 21 33-0396	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	796.65	45.16
28 46 21 33-0397	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	1,432.35	45.16
28 46 21 33-0398	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	1,149.82	45.16
28 46 21 33-0399	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	1,220.45	45.16
28 46 21 33-0400	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	1,785.52	45.16
28 46 21 33-0401	EA	Power Transformer, Open Frame, 28 VAC @ 180 VA (EVAX 50/100) (GE ANST28180)	93.21	11.29
28 46 21 33-0402	EA	Power Transformer, Open Frame, 28 VAC @ 100 VA (EVAX 25) (GE ANST2885)	70.48	11.29
28 46 21 33-0403		**Simplex Fire Alarm** *(28 46 21 33)*		
28 46 21 33-0404		**4100 Fire Alarm Control Panel** *(28 46 21 33-0403)*		
28 46 21 33-0405	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amp System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 VAC Input (Simplex 4100-9111)	4,081.83	450.93
28 46 21 33-0406	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amp System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 VAC Input (Simplex 4100-9141)	4,408.17	450.93
28 46 21 33-0407	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	6,117.38	450.93
28 46 21 33-0408	EA	IDNet Module, Up To 127 Points (Simplex 4100-3104) Note: Add-on module.	2,799.38	450.93
28 46 21 33-0409	EA	IDNet Module, Up To 64 Points (Simplex 4100-3105) Note: Add-on module.	2,301.70	450.93
28 46 21 33-0410	EA	Expansion Power Supply, 3 NACs, 120 VAC (Simplex 4100-5101) Note: Add-on module.	1,202.13	112.73
28 46 21 33-0411	EA	Alarm Relay, 3 Form C Relays, 2 Amp @ 32 VDC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	250.88	22.55
28 46 21 33-0412	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	696.21	22.55
28 46 21 33-0413		**4100U Backbox** *(28 46 21 33-0403)*		
28 46 21 33-0414	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	1,236.31	90.19
28 46 21 33-0415	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	1,720.50	90.19
28 46 21 33-0416		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 21 33-0403)*		
28 46 21 33-0417	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	674.51	45.09
28 46 21 33-0418		**4010 Fire Alarm Control Panel** *(28 46 21 33-0403)*		
28 46 21 33-0419	EA	120 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	3,881.87	450.93
28 46 21 33-0420	EA	240 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	3,914.86	450.93
28 46 21 33-0421	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	141.23	22.55
28 46 21 33-0422	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	578.54	22.55
28 46 21 33-0423	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	791.54	22.55
28 46 21 33-0424	EA	120 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9813)	411.72	22.55
28 46 21 33-0425	EA	240 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9823)	444.70	22.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0426	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	173.27	22.55
28 46 21 33-0427		**Printer** *(28 46 21 33-0403)*		
28 46 21 33-0428	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	1,191.83	22.55
28 46 21 33-0429		**NAC Panel / Power Booster** *(28 46 21 33-0403)*		
28 46 21 33-0430	EA	IDNet NAC Extender With 4, Class B (Style Y) NACs and 8 Amp Power Supply, 120 VAC (Simplex 4009-9201) Note: Power supply for horns and strobes.	825.08	112.73
28 46 21 33-0431		**Battery** *(28 46 21 33-0403)*		
28 46 21 33-0432	EA	50 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	489.39	22.55
28 46 21 33-0433	EA	33 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	329.28	22.55
28 46 21 33-0434	EA	6.2 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	126.48	22.55
28 46 21 33-0435		**Interface Modules** *(28 46 21 33-0403)*		
28 46 21 33-0436	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow/tamper, etc.	104.48	22.55
28 46 21 33-0437	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	203.31	22.55
28 46 21 33-0438	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	57.92	22.55
28 46 21 33-0439	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	105.57	22.55
28 46 21 33-0440	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	47.66	11.27
28 46 21 33-0441	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	45.57	11.27
28 46 21 33-0442		**Pull Stations** *(28 46 21 33-0403)*		
28 46 21 33-0443	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	125.68	22.55
28 46 21 33-0444	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	93.22	22.55
28 46 21 33-0445	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	99.49	22.55
28 46 21 33-0446	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	90.40	22.55
28 46 21 33-0447	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	103.69	22.55
28 46 21 33-0448	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	151.44	22.55
28 46 21 33-0449	EA	Pre-Signal, N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	128.79	22.55
28 46 21 33-0450	EA	Pre-Signal, N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	149.72	22.55
28 46 21 33-0451	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	75.79	22.55
28 46 21 33-0452	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	79.61	22.55
28 46 21 33-0453	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	91.95	22.55
28 46 21 33-0454	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	136.77	22.55
28 46 21 33-0455	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	228.44	22.55
28 46 21 33-0456	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	82.76	22.55
28 46 21 33-0457	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	49.76	11.27
28 46 21 33-0458		**Weatherproof Pull Stations** *(28 46 21 33-0403)*		
28 46 21 33-0459	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	125.27	27.06
28 46 21 33-0460	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	77.56	11.27
28 46 21 33-0461		**Heat / Smoke Sensor** *(28 46 21 33-0403)*		
28 46 21 33-0462	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	129.28	33.82
28 46 21 33-0463	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	180.65	33.82
28 46 21 33-0464	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	324.90	11.27
28 46 21 33-0465	EA	Standard Sensor Base (Simplex 4098-9792)	167.86	11.27
28 46 21 33-0466	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	104.86	22.55
28 46 21 33-0467		**Explosion Proof Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0468	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	135.85	33.82
28 46 21 33-0469	EA	Explosion Proof Backbox (Killark JLX-21)	83.25	11.27
28 46 21 33-0470	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	8.22	2.25
28 46 21 33-0471		**Weatherproof Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0472	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	102.85	33.82
28 46 21 33-0473		**200 Degree F Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0474	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	88.09	33.82

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28 46 21 33-0475		**Duct Smoke Sensor** *(28 46 21 33-0403)*		
28 46 21 33-0476	EA	Duct Sensor Housing (Simplex 4098-9755)	267.13	18.04
28 46 21 33-0477	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	368.37	40.58
28 46 21 33-0478	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	44.38	11.27
28 46 21 33-0479	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	109.07	33.82
28 46 21 33-0480		**Interior Horn** *(28 46 21 33-0403)*		
28 46 21 33-0481	EA	Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	102.21	33.82
28 46 21 33-0482	EA	White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	102.21	33.82
28 46 21 33-0483		**Interior Horn Strobe** *(28 46 21 33-0403)*		
28 46 21 33-0484	EA	Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426)	134.85	33.82
28 46 21 33-0485	EA	Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427)	134.85	33.82
28 46 21 33-0486	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	127.40	33.82
28 46 21 33-0487	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	127.40	33.82
28 46 21 33-0488	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	127.40	33.82
28 46 21 33-0489	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	127.40	33.82
28 46 21 33-0490	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	129.90	33.82
28 46 21 33-0491	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	129.90	33.82
28 46 21 33-0492	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	134.29	33.82
28 46 21 33-0493	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	132.27	33.82
28 46 21 33-0494	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	134.29	33.82
28 46 21 33-0495	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	132.27	33.82
28 46 21 33-0496	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	127.40	33.82
28 46 21 33-0497	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	127.40	33.82
28 46 21 33-0498	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	127.40	33.82
28 46 21 33-0499	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	127.40	33.82
28 46 21 33-0500		**Interior Strobe** *(28 46 21 33-0403)*		
28 46 21 33-0501	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	111.58	33.82
28 46 21 33-0502	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	111.58	33.82
28 46 21 33-0503	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	111.55	33.82
28 46 21 33-0504	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	111.58	33.82
28 46 21 33-0505	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	121.04	33.82
28 46 21 33-0506	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	121.04	33.82
28 46 21 33-0507	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	121.65	33.82
28 46 21 33-0508	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	123.30	33.82
28 46 21 33-0509	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	123.30	33.82
28 46 21 33-0510	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	123.30	33.82
28 46 21 33-0511	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	111.58	33.82
28 46 21 33-0512	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	111.58	33.82
28 46 21 33-0513	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	111.58	33.82
28 46 21 33-0514	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	111.58	33.82
28 46 21 33-0515		**Interior Speakers** *(28 46 21 33-0403)*		
28 46 21 33-0516	EA	Red With White "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	94.20	33.82
28 46 21 33-0517	EA	White With Red "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	94.20	33.82
28 46 21 33-0518	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	94.20	33.82
28 46 21 33-0519		**Interior Speaker Strobe** *(28 46 21 33-0403)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0520	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	142.22	33.82
28 46 21 33-0521	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	142.22	33.82
28 46 21 33-0522		Surge Suppressors *(28 46 21 33-0403)*		
28 46 21 33-0523	EA	Overvoltage Suppressor (Simplex 2081-9044)	83.98	6.76
28 46 21 33-0524	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	54.99	6.76
28 46 21 33-0525	EA	120 VAC, 20 Amp Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	175.80	6.76
28 46 21 33-0526	EA	24 VAC Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	62.46	6.76
28 46 21 33-0527	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	94.67	11.27
28 46 21 33-0528	EA	120 VAC, 22,500 Amp, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	67.31	6.76
28 46 21 33-0529	EA	<105 VAC, 9,000 Amp, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	51.37	6.76
28 46 21 33-0530		Boxes And Adapters *(28 46 21 33-0403)*		
28 46 21 33-0531	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	45.57	11.27
28 46 21 33-0532	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	43.48	11.27
28 46 21 33-0533	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	39.37	11.27
28 46 21 33-0534	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	33.55	11.27
28 46 21 33-0535		Accessories *(28 46 21 33-0403)*		
28 46 21 33-0536	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	24.98	11.27
28 46 21 33-0537		Siemens Fire Alarm *(28 46 21 33)*		
28 46 21 33-0538		Conventional Control Panels *(28 46 21 33-0537)*		
28 46 21 33-0539		SXL Batteries And Power Supplies *(28 46 21 33-0538)*		
28 46 21 33-0540	EA	6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	703.21	45.09
28 46 21 33-0541	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	570.99	45.09
28 46 21 33-0542		Digital Fire Communicators *(28 46 21 33-0538)*		
28 46 21 33-0543	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	553.56	45.09
28 46 21 33-0544		Addressable Control Panels *(28 46 21 33-0537)*		
28 46 21 33-0545		Fireseeker Equipment *(28 46 21 33-0544)*		
28 46 21 33-0546		FS-250 System Panels *(28 46 21 33-0545)*		
28 46 21 33-0547	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	1,873.06	450.93
28 46 21 33-0548	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,276.93	450.93
28 46 21 33-0549	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	1,406.61	360.74
28 46 21 33-0550	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	1,875.46	450.93
28 46 21 33-0551		FS-250 Optional Modules *(28 46 21 33-0545)*		
28 46 21 33-0552	EA	Main Board Module (Siemens FS-MB2)	708.02	45.09
28 46 21 33-0553	EA	Display Board Module (Siemens FS-DB2)	545.12	22.55
28 46 21 33-0554	EA	Device Loop Card (Siemens FS-DLC)	448.96	22.55
28 46 21 33-0555	EA	Releasing Module (Siemens FS-REL)	206.16	22.55
28 46 21 33-0556	EA	Remote LCD Annunciator (Siemens FS-RD2)	445.96	22.55
28 46 21 33-0557	EA	Relay Processor Card (Siemens FS-RU2)	388.86	22.55
28 46 21 33-0558	EA	Relay Expander Board (Siemens FS-RE8)	333.57	22.55
28 46 21 33-0559	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	445.96	22.55
28 46 21 33-0560	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	350.40	22.55
28 46 21 33-0561	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	319.75	22.55
28 46 21 33-0562	EA	Municipal Tie Module (Siemens FS-MT)	273.47	22.55
28 46 21 33-0563	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	262.68	
28 46 21 33-0564	EA	Programming Cable Kit (Siemens CBL-UD)	68.83	11.27
28 46 21 33-0565	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	125.02	22.55
28 46 21 33-0566	EA	Releasing Power Transformer (Siemens FS-RPT-A)	126.83	22.55
28 46 21 33-0567	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	139.44	18.04
28 46 21 33-0568	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	217.27	11.27
28 46 21 33-0569		Firefinder Systems *(28 46 21 33-0544)*		
28 46 21 33-0570		XLS Basic Fire System Packages Without Backbox *(28 46 21 33-0569)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0571	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	6,222.84	450.93
28 46 21 33-0572	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,536.50	450.93
28 46 21 33-0573	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	5,536.50	450.93
28 46 21 33-0574	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	8,947.78	450.93
28 46 21 33-0575	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	9,232.65	450.93
28 46 21 33-0576	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,467.39	450.93
28 46 21 33-0577	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	5,467.39	450.93
28 46 21 33-0578	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	6,270.32	450.93
28 46 21 33-0579		Firefinder - XLS Basic System Equipment *(28 46 21 33-0569)*		
28 46 21 33-0580	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	2,904.97	450.93
28 46 21 33-0581	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	4,678.52	450.93
28 46 21 33-0582	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	2,904.97	450.93
28 46 21 33-0583	EA	Two Slot Card Cage (Siemens CC-2)	343.19	22.55
28 46 21 33-0584	EA	Five Slot Card Cage (Siemens CC-5)	572.17	22.55
28 46 21 33-0585	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	812.57	22.55
28 46 21 33-0586	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	848.03	22.55
28 46 21 33-0587	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	275.87	22.55
28 46 21 33-0588	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	961.01	22.55
28 46 21 33-0589	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	549.33	22.55
28 46 21 33-0590	EA	12 Amp Power Supply Charger Module (Siemens PSC-12)	2,048.22	22.55
28 46 21 33-0591	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	3,706.71	450.93
28 46 21 33-0592	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	640.68	22.55
28 46 21 33-0593	EA	12 Amp Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	1,705.65	22.55
28 46 21 33-0594	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	297.51	22.55
28 46 21 33-0595	EA	Conventional Detector Card (Siemens CDC-4)	617.84	22.55
28 46 21 33-0596	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	1,199.01	22.55
28 46 21 33-0597	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	4,280.94	22.55
28 46 21 33-0598		Remote Lobby Enclosure *(28 46 21 33-0569)*		
28 46 21 33-0599	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	833.66	90.19
28 46 21 33-0600	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	1,062.04	90.19
28 46 21 33-0601	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	137.04	22.55
28 46 21 33-0602	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	148.46	22.55
28 46 21 33-0603		Battery Enclosures *(28 46 21 33-0569)*		
28 46 21 33-0604	EA	Enclosure For 100 Amp Hours Batteries (Siemens CAB-BATT)	535.56	90.19
28 46 21 33-0605		Graphic Annunciator Output Drivers And Inputs *(28 46 21 33-0569)*		
28 46 21 33-0606	EA	Output Control Module (Siemens OCM-16)	400.28	22.55
28 46 21 33-0607	EA	Supervised Input Module (Siemens SIM-16)	400.28	22.55

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0608		**Remote LCD Displays** *(28 46 21 33-0569)*		
28 46 21 33-0609	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	936.41	67.64
28 46 21 33-0610	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	1,051.20	67.64
28 46 21 33-0611		**Voice Equipment** *(28 46 21 33-0569)*		
28 46 21 33-0612	EA	40W Zone Amplifier Card (Siemens ZAC-40)	905.72	22.55
28 46 21 33-0613	EA	180W Zone Amplifier Module (Siemens ZAM-180)	1,991.73	22.55
28 46 21 33-0614	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	846.22	22.55
28 46 21 33-0615		**MXL Series Equipment** *(28 46 21 33-0544)*		
28 46 21 33-0616		**MXL Optional Equipment** *(28 46 21 33-0615)*		
28 46 21 33-0617	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	986.88	45.09
28 46 21 33-0618	EA	CXL/MXL Interface Module (Siemens CMI-300)	2,497.17	22.55
28 46 21 33-0619	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	439.35	22.55
28 46 21 33-0620	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	527.69	22.55
28 46 21 33-0621	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	206.76	22.55
28 46 21 33-0622	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	132.84	22.55
28 46 21 33-0623	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	513.87	22.55
28 46 21 33-0624	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	199.86	33.82
28 46 21 33-0625	EA	Lexan Window For RCC (Siemens GENBOX-WD)	132.83	18.04
28 46 21 33-0626	EA	Input Driver Module (Siemens MID-16)	341.38	22.55
28 46 21 33-0627	EA	Programmable Output Driver Module (Siemens MOD-16)	341.38	22.55
28 46 21 33-0628	EA	MXL Output/Input Module (Siemens MOI-7)	538.51	22.55
28 46 21 33-0629	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	292.70	22.55
28 46 21 33-0630	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	453.17	22.55
28 46 21 33-0631	EA	12 Amp, 220 VAC Power Supply For MXL (Siemens MPS-12/220)	1,121.52	67.64
28 46 21 33-0632	EA	12 Amp, 240 VAC Power Supply For MXL (Siemens MPS-12/240)	1,121.52	67.64
28 46 21 33-0633	EA	Network Interface Module (Siemens NIM-1W)	796.94	22.55
28 46 21 33-0634	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	2,103.57	90.19
28 46 21 33-0635	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	242.82	22.55
28 46 21 33-0636	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	2,503.50	450.93
28 46 21 33-0637	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	302.34	45.09
28 46 21 33-0638	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	2,503.50	450.93
28 46 21 33-0639	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	309.55	45.09
28 46 21 33-0640	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	1,983.64	450.93
28 46 21 33-0641	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	2,842.47	450.93
28 46 21 33-0642	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	49.59	11.27
28 46 21 33-0643	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	3,215.39	45.09
28 46 21 33-0644	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	6,819.59	45.09
28 46 21 33-0645	EA	Releasing End Of Line Module (Siemens REL-EOL)	110.60	22.55
28 46 21 33-0646	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	2,059.67	45.09
28 46 21 33-0647	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	1,967.71	45.09
28 46 21 33-0648	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,082.47	90.19
28 46 21 33-0649		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 21 33-0615)*		
28 46 21 33-0650	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	7,962.74	450.93
28 46 21 33-0651	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	10,215.29	450.93
28 46 21 33-0652	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	20,735.19	450.93
28 46 21 33-0653		**MXL Basic System** *(28 46 21 33-0615)*		
28 46 21 33-0654	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	5,128.42	450.93
28 46 21 33-0655	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	6,474.06	450.93
28 46 21 33-0656	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	1,741.14	45.09
28 46 21 33-0657	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	2,175.06	45.09
28 46 21 33-0658	EA	6 Amp Power Supply For MXL (Siemens MPS-6)	784.36	67.64
28 46 21 33-0659	EA	220/240 VAC Adapter Cable (Siemens CIA-12)	61.61	11.27
28 46 21 33-0660		**MXL/MXLR System Expansion Accessories** *(28 46 21 33-0615)*		
28 46 21 33-0661	EA	MXL Remote Power Supply Module (Siemens PSR-1)	954.44	67.64
28 46 21 33-0662	EA	Style 4 Communication Module (Siemens NET-4)	200.75	22.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0663	EA	Style 7 Communication Module (Siemens NET-7)	355.21	22.55
28 46 21 33-0664	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	218.18	22.55
28 46 21 33-0665		Peripheral Devices *(28 46 21 33-0544)*		
28 46 21 33-0666		Thermal Detectors *(28 46 21 33-0665)*		
28 46 21 33-0667	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	97.09	33.82
28 46 21 33-0668	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	97.09	33.82
28 46 21 33-0669	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	97.09	33.82
28 46 21 33-0670	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	97.09	33.82
28 46 21 33-0671	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	142.16	33.82
28 46 21 33-0672	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	142.16	33.82
28 46 21 33-0673	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	324.27	33.82
28 46 21 33-0674		Beam Smoke Detector *(28 46 21 33-0665)*		
28 46 21 33-0675	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	1,479.71	33.82
28 46 21 33-0676	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	171.60	11.27
28 46 21 33-0677	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	173.40	11.27
28 46 21 33-0678	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	91.67	11.27
28 46 21 33-0679		Bases For Detectors *(28 46 21 33-0665)*		
28 46 21 33-0680	EA	Detector Base (Siemens DB-11)	31.57	11.27
28 46 21 33-0681	EA	Universal Base (Siemens DB-3S)	29.76	11.27
28 46 21 33-0682		Manual Stations *(28 46 21 33-0665)*		
28 46 21 33-0683	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	197.75	27.06
28 46 21 33-0684		Addressable Devices *(28 46 21 33-0544)*		
28 46 21 33-0685		Intelligent Detectors And Devices For Firefinder XLS And FS-250 *(28 46 21 33-0684)*		
28 46 21 33-0686	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	171.01	33.82
28 46 21 33-0687	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	149.98	33.82
28 46 21 33-0688	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	125.34	33.82
28 46 21 33-0689	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	89.88	33.82
28 46 21 33-0690	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	89.88	33.82
28 46 21 33-0691	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	171.90	22.55
28 46 21 33-0692	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	164.69	22.55
28 46 21 33-0693	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	132.84	22.55
28 46 21 33-0694	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	159.88	22.55
28 46 21 33-0695	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	159.88	22.55
28 46 21 33-0696	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	123.82	22.55
28 46 21 33-0697	EA	Line Isolator Module (Siemens HLIM)	127.43	22.55
28 46 21 33-0698	EA	Remote Convention Zone Module (Siemens HZM)	182.72	22.55
28 46 21 33-0699	EA	Intelligent Control Point Module (Siemens HCP)	228.39	22.55
28 46 21 33-0700	EA	Handheld Programming And Testing Unit (Siemens DPU)	960.11	
28 46 21 33-0701	EA	DPU Carrying Case (Siemens DPU-C1)	150.56	
28 46 21 33-0702	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	1,646.15	22.55
28 46 21 33-0703		Air Duct Housings And Detectors *(28 46 21 33-0684)*		
28 46 21 33-0704	EA	Air-Duct Housing (Siemens AD2-P)	184.52	18.04
28 46 21 33-0705	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	207.35	18.04
28 46 21 33-0706	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	170.70	22.55
28 46 21 33-0707	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	25.55	6.76
28 46 21 33-0708	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	31.86	9.02
28 46 21 33-0709	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	39.98	11.27
28 46 21 33-0710	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	46.89	13.53
28 46 21 33-0711		Intelligent Initiating Devices For MXL, MXL-LQ And MXLV *(28 46 21 33-0684)*		
28 46 21 33-0712	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	177.62	33.82
28 46 21 33-0713	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	155.39	33.82
28 46 21 33-0714	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	194.45	33.82
28 46 21 33-0715	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	167.69	22.55
28 46 21 33-0716	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	183.92	22.55
28 46 21 33-0717	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	169.50	22.55
28 46 21 33-0718	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	186.33	22.55
28 46 21 33-0719	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	186.33	22.55
28 46 21 33-0720		Detector Universal Bases *(28 46 21 33-0684)*		
28 46 21 33-0721	EA	Detector Base With Relay (Siemens DB-X11RS)	79.65	11.27
28 46 21 33-0722	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	43.59	11.27
28 46 21 33-0723	EA	Locking Kit (Siemens LK-11)	9.50	
28 46 21 33-0724	EA	Detector Base With Relay (Siemens DB-X3RS)	79.65	11.27
28 46 21 33-0725	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	91.67	11.27
28 46 21 33-0726	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	41.78	11.27
28 46 21 33-0727	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	20.74	6.76
28 46 21 33-0728	EA	Seal For DB-11 (Siemens DB11-SEAL)	10.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0729	EA	Gasket For DB-11 (Siemens DB-SEAL)	11.74	
28 46 21 33-0730	EA	Detector Guard Housing (Siemens DGH-11)	113.90	11.27
28 46 21 33-0731	EA	Small Detector Base (Siemens DB-11E)	33.97	11.27
28 46 21 33-0732	EA	Audible Base For Series 3 (Siemens ADBI-60A)	102.48	11.27
28 46 21 33-0733	EA	Base Plug (Siemens DB-11-DP)	9.48	
28 46 21 33-0734		**Air Duct Smoke Detectors** *(28 46 21 33-0684)*		
28 46 21 33-0735	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	93.77	22.55
28 46 21 33-0736	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	433.94	22.55
28 46 21 33-0737		**Notification Devices** *(28 46 21 33-0544)*		
28 46 21 33-0738		**Synchronization Control Devices** *(28 46 21 33-0737)*		
28 46 21 33-0739	EA	Dual Synchronization Control Module (Siemens DSC)	132.84	22.55
28 46 21 33-0740		**Stand Alone Strobes** *(28 46 21 33-0737)*		
28 46 21 33-0741	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	118.72	33.82
28 46 21 33-0742	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	127.74	33.82
28 46 21 33-0743	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	118.72	33.82
28 46 21 33-0744	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	127.74	33.82
28 46 21 33-0745	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	127.74	33.82
28 46 21 33-0746	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	118.72	33.82
28 46 21 33-0747	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	134.35	33.82
28 46 21 33-0748	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	129.54	33.82
28 46 21 33-0749	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	129.54	33.82
28 46 21 33-0750	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	137.36	33.82
28 46 21 33-0751	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	137.36	33.82
28 46 21 33-0752		**Horns And Strobes** *(28 46 21 33-0737)*		
28 46 21 33-0753	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	154.18	33.82
28 46 21 33-0754	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	162.00	33.82
28 46 21 33-0755	EA	Wall Mounted Horn (Siemens SE-R)	97.09	33.82
28 46 21 33-0756	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	154.18	33.82
28 46 21 33-0757	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	162.00	33.82
28 46 21 33-0758	EA	Ceiling Mounted Horn (Siemens SEC-R)	100.70	33.82
28 46 21 33-0759	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	154.18	33.82
28 46 21 33-0760	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	162.00	33.82
28 46 21 33-0761	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	97.09	33.82
28 46 21 33-0762	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	154.18	33.82
28 46 21 33-0763	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	162.00	33.82
28 46 21 33-0764	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	100.70	33.82
28 46 21 33-0765	EA	Mini Horn (Siemens MH-R)	83.87	33.82
28 46 21 33-0766	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	101.90	33.82
28 46 21 33-0767	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	146.37	33.82
28 46 21 33-0768	EA	Industrial Tri-Tone Horn (Siemens ASR)	383.16	33.82
28 46 21 33-0769	EA	Wall Mounted Horn (Siemens HS-R)	101.90	33.82
28 46 21 33-0770	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	146.97	33.82
28 46 21 33-0771	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	156.59	33.82
28 46 21 33-0772	EA	6" Motor Bell (Siemens MBDC-6)	113.92	33.82
28 46 21 33-0773	EA	10" Motor Bell (Siemens MBDC-10)	122.93	33.82
28 46 21 33-0774		**Mounting Accessories** *(28 46 21 33-0737)*		
28 46 21 33-0775	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	29.76	11.27
28 46 21 33-0776	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	29.76	11.27
28 46 21 33-0777	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	30.36	11.27
28 46 21 33-0778	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	44.79	11.27
28 46 21 33-0779	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	36.97	11.27
28 46 21 33-0780	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	38.78	11.27
28 46 21 33-0781	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	41.18	11.27
28 46 21 33-0782	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	33.97	11.27
28 46 21 33-0783	EA	Semi-Flush Plate (Siemens SFPS-R)	29.16	11.27
28 46 21 33-0784	EA	Square Surface Backbox (Siemens SHBBS-R)	33.97	11.27
28 46 21 33-0785	EA	Horn Adapter Plate (Siemens SHMPS-R)	32.77	11.27
28 46 21 33-0786	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	29.76	11.27
28 46 21 33-0787	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	36.97	11.27
28 46 21 33-0788	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	38.78	11.27
28 46 21 33-0789	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	37.57	11.27
28 46 21 33-0790	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	41.18	11.27
28 46 21 33-0791	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	41.18	11.27
28 46 21 33-0792	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	41.18	11.27
28 46 21 33-0793	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	38.78	11.27
28 46 21 33-0794	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	38.78	11.27
28 46 21 33-0795	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	29.76	11.27
28 46 21 33-0796	EA	Z Series Backbox (Siemens ZBB-R)	32.77	11.27
28 46 21 33-0797		**Door Holders** *(28 46 21 33-0737)*		
28 46 21 33-0798	EA	120 VAC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	222.70	33.82
28 46 21 33-0799	EA	24 VDC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	222.70	33.82

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28 46 21 33-0800		**Voice Equipment** *(28 46 21 33-0544)*		
28 46 21 33-0801		**Voicecom** *(28 46 21 33-0800)*		
28 46 21 33-0802	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	3,374.96	450.93
28 46 21 33-0803	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	5,208.00	450.93
28 46 21 33-0804		**Johnson Controls Fire Alarm** *(28 46 21 33)*		
28 46 21 33-0805	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	137.71	33.82
28 46 21 33-0806	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	136.41	33.82
28 46 21 33-0807	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	166.26	33.82
28 46 21 33-0808	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	165.84	33.82
28 46 21 33-0809	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	432.84	45.09
28 46 21 33-0810	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	131.06	33.82
28 46 21 33-0811	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	118.71	33.82
28 46 21 33-0812	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	116.09	33.82
28 46 21 33-0813	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	317.39	33.82
28 46 21 33-0814	EA	100 Watt Audio Amplifier @ 70.7 VRMS With Built-in Tone Generator, 120 VAC. (Johnson Controls, Inc. #AA-100)	1,496.88	67.64
28 46 21 33-0815	EA	AUDIO Amplifier, 100 Watt, 230 VAC (Johnson Controls, Inc. #AA-100E)	1,451.35	67.64
28 46 21 33-0816	EA	120 Watt Audio Amplifier @ 25 VRMS With Built-in Tone Generator, 120 VAC (Johnson Controls, Inc. #AA-120)	1,475.91	67.64
28 46 21 33-0817	EA	AUDIO Amplifier, 120 Watt, 230 VAC (Johnson Controls, Inc. #AA-120E)	1,414.58	67.64
28 46 21 33-0818	EA	30 Watt Audio Amplifier @ 25 VRMS, 120 VAC (Johnson Controls, Inc. #AA-30)	706.01	67.64
28 46 21 33-0819	EA	AUDIO Amplifier, 30 Watt, 230 VAC (Johnson Controls, Inc. #AA-30E)	706.01	67.64
28 46 21 33-0820	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	684.74	22.55
28 46 21 33-0821	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	711.78	22.55
28 46 21 33-0822	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	525.75	22.55
28 46 21 33-0823	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	525.75	22.55
28 46 21 33-0824	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	374.11	22.55
28 46 21 33-0825	EA	Charger Power Supply - 6 Or 10 Amps; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	1,193.03	45.09
28 46 21 33-0826	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	525.75	22.55
28 46 21 33-0827	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	546.07	22.55
28 46 21 33-0828	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	472.43	22.55
28 46 21 33-0829	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	472.43	22.55
28 46 21 33-0830	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	87.45	20.29
28 46 21 33-0831	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	728.01	45.09
28 46 21 33-0832	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	1,560.65	45.09
28 46 21 33-0833	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	728.01	45.09
28 46 21 33-0834	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	1,560.65	45.09
28 46 21 33-0835	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	33.58	11.27
28 46 21 33-0836	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	81.01	11.27
28 46 21 33-0837	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	76.72	11.27
28 46 21 33-0838	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	35.41	11.27
28 46 21 33-0839	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	32.36	11.27
28 46 21 33-0840	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	536.89	45.09
28 46 21 33-0841	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	1,238.12	67.64
28 46 21 33-0842	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	1,307.06	67.64
28 46 21 33-0843	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	146.62	11.27
28 46 21 33-0844	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	100.67	11.27
28 46 21 33-0845	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	1,239.14	67.64
28 46 21 33-0846	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	1,146.22	67.64
28 46 21 33-0847	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	1,146.22	67.64
28 46 21 33-0848	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	1,339.51	67.64
28 46 21 33-0849	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	1,238.12	67.64
28 46 21 33-0850	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	1,238.12	67.64
28 46 21 33-0851	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	1,238.12	67.64
28 46 21 33-0852	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	1,474.45	67.64
28 46 21 33-0853	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	1,474.45	67.64
28 46 21 33-0854	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	1,474.45	67.64
28 46 21 33-0855	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	160.95	22.55
28 46 21 33-0856	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	241.31	22.55
28 46 21 33-0857	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	25.36	9.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0858	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	27.25	9.02
28 46 21 33-0859	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	62.41	13.53
28 46 21 33-0860	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	31.49	9.02
28 46 21 33-0861	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	38.95	11.27
28 46 21 33-0862	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	242.67	22.55
28 46 21 33-0863	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	407.27	45.09
28 46 21 33-0864	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	353.24	67.64
28 46 21 33-0865	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	477.00	67.64
28 46 21 33-0866	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	518.36	67.64
28 46 21 33-0867	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	260.94	9.02
28 46 21 33-0868	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	391.16	9.02
28 46 21 33-0869	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	429.46	9.02
28 46 21 33-0870	EA	6.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S6)	714.14	90.19
28 46 21 33-0871	EA	8.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S8)	718.62	90.19
28 46 21 33-0872	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	672.93	67.64
28 46 21 33-0873	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	123.65	11.27
28 46 21 33-0874	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	345.62	22.55
28 46 21 33-0875	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	193.46	33.82
28 46 21 33-0876	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	160.87	33.82
28 46 21 33-0877	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	168.29	33.82
28 46 21 33-0878	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	1,249.72	45.09
28 46 21 33-0879	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	1,521.71	45.09
28 46 21 33-0880	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	464.11	22.55
28 46 21 33-0881	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amp Power Supply, 120 VAC, Includes Door, Dress Panel And Back Box, Black (Johnson Controls, Inc. #IFC-320)	3,260.13	360.74
28 46 21 33-0882	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	1,534.92	45.09
28 46 21 33-0883	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	20,545.17	541.10
28 46 21 33-0884	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	22,383.24	541.10
28 46 21 33-0885	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	25,140.36	541.10
28 46 21 33-0886	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	22,383.24	541.10
28 46 21 33-0887	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	153.89	13.53
28 46 21 33-0888	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	172.27	13.53
28 46 21 33-0889	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	186.98	13.53
28 46 21 33-0890	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	343.21	13.53
28 46 21 33-0891	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	113.61	9.02
28 46 21 33-0892	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	180.58	20.29
28 46 21 33-0893	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	191.12	20.29
28 46 21 33-0894	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	342.02	20.29
28 46 21 33-0895	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	335.12	9.02
28 46 21 33-0896	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	450.00	9.02
28 46 21 33-0897	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	555.69	9.02
28 46 21 33-0898	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	167.02	22.55
28 46 21 33-0899	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	77.15	9.02
28 46 21 33-0900	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	3,253.17	360.74
28 46 21 33-0901	EA	Central Processing Unit For The JCPU2-640 With Integral 120 VAC Power Supply, Includes CHS2-M2 Chassis (Johnson Controls, Inc. #JCPU2-640)	2,354.00	270.56
28 46 21 33-0902	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	4,165.59	360.74
28 46 21 33-0903	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	3,959.99	270.56
28 46 21 33-0904	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	2,894.10	270.56
28 46 21 33-0905	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	1,522.76	33.82
28 46 21 33-0906	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	1,538.10	33.82
28 46 21 33-0907	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	1,538.10	33.82
28 46 21 33-0908	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	1,823.05	45.09
28 46 21 33-0909	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. Mounting Options Include: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D). (Johnson Controls, Inc. #JNCA-2)	1,548.70	45.09
28 46 21 33-0910	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	1,460.14	270.56
28 46 21 33-0911	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	1,107.22	45.09
28 46 21 33-0912	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	915.10	45.09
28 46 21 33-0913	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	1,458.07	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0914	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	449.89	11.27
28 46 21 33-0915	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	147.61	9.02
28 46 21 33-0916	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	180.70	9.02
28 46 21 33-0917	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	363.52	11.27
28 46 21 33-0918	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	662.20	11.27
28 46 21 33-0919	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	1,195.03	11.27
28 46 21 33-0920	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	99.19	11.27
28 46 21 33-0921	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	154.51	11.27
28 46 21 33-0922	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	79.14	11.27
28 46 21 33-0923	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	108.66	11.27
28 46 21 33-0924	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	86.89	11.27
28 46 21 33-0925	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	137.94	11.27
28 46 21 33-0926	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	156.47	11.27
28 46 21 33-0927	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	90.84	11.27
28 46 21 33-0928	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	1,273.42	33.82
28 46 21 33-0929	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	1,128.63	22.55
28 46 21 33-0930	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	1,044.08	22.55
28 46 21 33-0931	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	41.19	4.51
28 46 21 33-0932	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	914.87	22.55
28 46 21 33-0933	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	871.74	22.55
28 46 21 33-0934	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	2,219.00	45.09
28 46 21 33-0935	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	621.71	22.55
28 46 21 33-0936	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	171.51	9.02
28 46 21 33-0937	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	397.09	22.55
28 46 21 33-0938	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	397.09	22.55
28 46 21 33-0939	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	108.11	9.02
28 46 21 33-0940	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	29.80	4.51
28 46 21 33-0941	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	29.80	4.51
28 46 21 33-0942	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SCR)	122.79	33.82
28 46 21 33-0943	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCRH)	135.65	33.82
28 46 21 33-0944	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	159.37	38.33
28 46 21 33-0945	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	157.53	38.33
28 46 21 33-0946	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	969.83	90.19
28 46 21 33-0947	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	767.63	90.19
28 46 21 33-0948	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW)	122.79	33.82
28 46 21 33-0949	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCWH)	135.65	33.82
28 46 21 33-0950	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW-P)	122.79	33.82
28 46 21 33-0951	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	23.88	9.02
28 46 21 33-0952	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	23.77	4.51
28 46 21 33-0953	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	26.72	4.51
28 46 21 33-0954	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	23.79	4.51
28 46 21 33-0955	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR)	113.92	33.82
28 46 21 33-0956	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH)	135.65	33.82
28 46 21 33-0957	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	159.37	38.33
28 46 21 33-0958	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH-P)	135.65	33.82
28 46 21 33-0959	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	157.53	38.33
28 46 21 33-0960	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR-P)	122.79	33.82
28 46 21 33-0961	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW)	122.79	33.82
28 46 21 33-0962	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH)	135.65	33.82
28 46 21 33-0963	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH-P)	135.65	33.82
28 46 21 33-0964	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW-P)	122.79	33.82
28 46 21 33-0965	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	150.29	11.27
28 46 21 33-0966	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	660.67	45.09
28 46 21 33-0967	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	179.25	45.09
28 46 21 33-0968	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	78.44	22.55
28 46 21 33-0969	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	78.44	22.55
28 46 21 33-0970	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	134.15	22.55
28 46 21 33-0971	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	144.80	22.55
28 46 21 33-0972	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	144.80	22.55
28 46 21 33-0973	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	129.92	22.55
28 46 21 33-0974	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	172.58	22.55
28 46 21 33-0975	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	134.15	22.55
28 46 21 33-0976	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	78.44	22.55
28 46 21 33-0977	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	78.44	22.55
28 46 21 33-0978	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	144.80	22.55
28 46 21 33-0979	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	134.15	22.55
28 46 21 33-0980	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	134.15	22.55

28 46 21 33-0981 Honeywell Fire Alarm *(28 46 21 33)*

28 46 21 33-0982 Notifier Fire Alarm *(28 46 21 33-0981)*

28 46 21 33-0983 Fire Alarm Control Panel And Accessories *(28 46 21 33-0982)*

28 46 21 33-0984	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	3,973.79	450.93
28 46 21 33-0985	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	3,344.72	450.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0986	EA	Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	3,966.39	450.93
28 46 21 33-0987	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	4,083.16	450.93
28 46 21 33-0988	EA	Black, 240 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	3,984.49	450.93
28 46 21 33-0989	EA	Red, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	3,984.49	450.93
28 46 21 33-0990	EA	Two-Tone Sequential Module (Notifier 2TTM)	202.64	22.55
28 46 21 33-0991	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	60.43	4.51
28 46 21 33-0992	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	117.54	9.02
28 46 21 33-0993	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	178.80	13.53
28 46 21 33-0994	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	278.61	
28 46 21 33-0995	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	39.80	
28 46 21 33-0996	EA	120VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	3,904.05	450.93
28 46 21 33-0997	EA	240VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	3,904.05	450.93
28 46 21 33-0998	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	150.81	4.51
28 46 21 33-0999	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	46.33	4.51
28 46 21 33-1000	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	59.50	9.02
28 46 21 33-1001	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	67.33	11.27
28 46 21 33-1002	EA	IP Communicator (Notifier IPDACT-2)	506.13	22.55
28 46 21 33-1003	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	589.05	22.55
28 46 21 33-1004	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	137.13	22.55
28 46 21 33-1005	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	137.13	22.55
28 46 21 33-1006	EA	Single Or Dual Path Commercial Fire Communicator (Notifier IPGSM-4G)	706.12	33.82
28 46 21 33-1007	EA	Dual 8TPC To Single 8TPC "Y" Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	36.28	9.02
28 46 21 33-1008	EA	Loop Control Module (Notifier LCM-320)	1,331.07	45.09
28 46 21 33-1009	EA	Loop Expander Module (Notifier LEM-320)	1,155.09	45.09
28 46 21 33-1010	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,014.48	45.09
28 46 21 33-1011	EA	7' DACT Phone Cord (Notifier MCBL-7)	17.31	
28 46 21 33-1012	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	127.03	11.27
28 46 21 33-1013	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	149.57	22.55
28 46 21 33-1014	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	149.57	22.55
28 46 21 33-1015	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	563.34	22.55
28 46 21 33-1016	EA	Universal Zone Coder (Notifier UZC-256)	758.20	22.55
28 46 21 33-1017	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	229.59	
28 46 21 33-1018	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	525.32	
28 46 21 33-1019	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	352.84	
28 46 21 33-1020	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	3,530.43	13.53

28 46 21 33-1021 ONYX Cabinets *(28 46 21 33-0982)*

28 46 21 33-1022	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	326.87	11.27
28 46 21 33-1023	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	436.32	11.27
28 46 21 33-1024	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	537.48	11.27
28 46 21 33-1025	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	82.62	13.53
28 46 21 33-1026	EA	Chassis Bridge (Notifier CB-1)	72.30	11.27
28 46 21 33-1027	EA	Four Position Chassis (Notifier CHS-4)	121.22	11.27
28 46 21 33-1028	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	142.12	22.55
28 46 21 33-1029	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	65.62	13.53
28 46 21 33-1030	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	90.08	13.53
28 46 21 33-1031	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	255.60	22.55
28 46 21 33-1032	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	165.97	22.55
28 46 21 33-1033	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	325.85	33.82
28 46 21 33-1034	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	206.61	33.82
28 46 21 33-1035	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	484.08	45.09
28 46 21 33-1036	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	302.35	45.09
28 46 21 33-1037	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	588.03	56.37
28 46 21 33-1038	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	352.85	56.37
28 46 21 33-1039	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	184.24	11.27
28 46 21 33-1040	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	123.71	11.27
28 46 21 33-1041	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	116.25	11.27
28 46 21 33-1042	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	185.07	11.27
28 46 21 33-1043	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	144.44	11.27
28 46 21 33-1044	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	234.83	11.27
28 46 21 33-1045	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	162.68	11.27
28 46 21 33-1046	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	282.92	11.27
28 46 21 33-1047	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	236.48	11.27
28 46 21 33-1048	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	419.74	11.27
28 46 21 33-1049	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	264.68	11.27
28 46 21 33-1050	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	501.83	11.27
28 46 21 33-1051	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	253.22	22.55
28 46 21 33-1052	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	367.65	22.55
28 46 21 33-1053	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	433.16	22.55
28 46 21 33-1054	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	271.46	22.55
28 46 21 33-1055	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	393.35	22.55
28 46 21 33-1056	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	457.20	22.55
28 46 21 33-1057	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	253.22	22.55
28 46 21 33-1058	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	367.65	22.55
28 46 21 33-1059	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	433.16	22.55
28 46 21 33-1060	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	271.46	22.55
28 46 21 33-1061	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	393.35	22.55
28 46 21 33-1062	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	457.20	22.55
28 46 21 33-1063	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,349.80	112.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1064	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	231.66	22.55
28 46 21 33-1065	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	275.07	67.64
28 46 21 33-1066	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	386.77	90.19
28 46 21 33-1067	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	497.79	90.19
28 46 21 33-1068	EA	Black, Four Tier Backbox Assembly (Notifier SBB-D4)	607.02	112.73
28 46 21 33-1069	EA	Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	149.57	22.55
28 46 21 33-1070	EA	Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	149.57	22.55
28 46 21 33-1071	EA	Red, One Tier Backbox Assembly (Notifier SBB-A4R)	186.05	22.55
28 46 21 33-1072	EA	Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	253.22	22.55
28 46 21 33-1073	EA	Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	365.16	22.55
28 46 21 33-1074	EA	Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	429.84	22.55
28 46 21 33-1075	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	136.51	13.53
28 46 21 33-1076	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	136.51	13.53
28 46 21 33-1077	EA	Black, “AA” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	177.97	13.53
28 46 21 33-1078	EA	Black, “A” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	145.64	13.53
28 46 21 33-1079	EA	Black, “B” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	145.64	13.53
28 46 21 33-1080	EA	Black, “C” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	143.98	13.53
28 46 21 33-1081	EA	Black, “D” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	147.29	13.53
28 46 21 33-1082	EA	2” Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	60.64	13.53
28 46 21 33-1083	EA	Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	38.46	4.51

28 46 21 33-1084 NFS2-3030/640 Cabinet Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1085	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	87.09	13.53
28 46 21 33-1086	EA	Blank Module Dress Plate (Notifier BM-1B)	73.11	13.53
28 46 21 33-1087	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	82.16	13.53
28 46 21 33-1088	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	179.27	11.27
28 46 21 33-1089	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	186.05	33.82
28 46 21 33-1090	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	90.38	13.53

28 46 21 33-1091 NFS-3030/640 Cabinet Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1092	EA	Annunciator Dress Plate (Notifier ADP-4B)	82.98	13.53
28 46 21 33-1093	EA	Blank Module Dress Plate (Notifier BMP-1)	54.20	13.53
28 46 21 33-1094	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	118.69	22.55
28 46 21 33-1095	EA	Module Dress Plate (Notifier MP-1B)	83.80	13.53

28 46 21 33-1096 Battery Cabinets *(28 46 21 33-0982)*

28 46 21 33-1097	EA	Six Position Chassis (Notifier CHS-6)	79.87	22.55
28 46 21 33-1098	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	377.04	67.64

28 46 21 33-1099 Digital Voice *(28 46 21 33-0982)*

28 46 21 33-1100	EA	Chassis Used With BB-XP (Notifier 18439)	39.55	11.27
28 46 21 33-1101	EA	220 VAC, 100 Watts, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	1,538.64	33.82
28 46 21 33-1102	EA	220 VAC, 120 Watts, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	1,495.52	33.82
28 46 21 33-1103	EA	220 VAC, 30 Watts, 25 VRMS Audio Amplifier (Notifier AA-30E)	721.88	33.82
28 46 21 33-1104	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	369.43	33.82
28 46 21 33-1105	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	500.53	45.09
28 46 21 33-1106	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	623.39	56.37
28 46 21 33-1107	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	633.82	22.55
28 46 21 33-1108	EA	Single Mode Audio Fiber Link Receiver (Notifier AFL-RS)	1,397.52	22.55
28 46 21 33-1109	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	633.82	22.55
28 46 21 33-1110	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	1,397.52	22.55
28 46 21 33-1111	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	80.18	11.27
28 46 21 33-1112	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	127.86	11.27
28 46 21 33-1113	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	129.93	11.27
28 46 21 33-1114	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	128.27	11.27
28 46 21 33-1115	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	129.93	11.27
28 46 21 33-1116	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	243.95	11.27
28 46 21 33-1117	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	198.75	11.27
28 46 21 33-1118	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	54.63	
28 46 21 33-1119	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	426.52	22.55
28 46 21 33-1120	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	426.52	22.55
28 46 21 33-1121	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	75.62	11.27
28 46 21 33-1122	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	104.30	22.55
28 46 21 33-1123	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	309.40	33.82
28 46 21 33-1124	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	154.54	22.55
28 46 21 33-1125	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	154.54	22.55
28 46 21 33-1126	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	175.12	11.27
28 46 21 33-1127	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	200.83	11.27
28 46 21 33-1128	EA	120 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	1,227.59	22.55
28 46 21 33-1129	EA	Multi-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	997.07	22.55
28 46 21 33-1130	EA	Single-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	997.07	22.55
28 46 21 33-1131	EA	120 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	1,267.06	22.55
28 46 21 33-1132	EA	Multi-Mode Fiber-Optic Media 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	1,083.62	22.55
28 46 21 33-1133	EA	120 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	1,315.57	22.55
28 46 21 33-1134	EA	Single-Mode Fiber-Optic Media 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	1,299.98	22.55
28 46 21 33-1135	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	1,299.98	22.55
28 46 21 33-1136	EA	220-240 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,237.48	22.55
28 46 21 33-1137	EA	220-240 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,277.28	22.55
28 46 21 33-1138	EA	220-240 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	1,326.20	22.55
28 46 21 33-1139	EA	120 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	848.58	22.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1140	EA	220-240 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	848.58	22.55
28 46 21 33-1141	EA	120 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	902.48	22.55
28 46 21 33-1142	EA	220-240 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	902.48	22.55
28 46 21 33-1143	EA	120 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	937.31	22.55
28 46 21 33-1144	EA	220-240 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	937.31	22.55
28 46 21 33-1145	EA	120 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	991.21	22.55
28 46 21 33-1146	EA	220-240 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	991.21	22.55
28 46 21 33-1147	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	87.23	11.27
28 46 21 33-1148	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	78.87	13.53
28 46 21 33-1149	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	90.38	13.53
28 46 21 33-1150	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	152.05	13.53
28 46 21 33-1151	EA	WPS Power Amplifier (Notifier DPA3204P)	501.15	22.55
28 46 21 33-1152	EA	WPS Power Amplifier (Notifier DPA4001P)	422.38	22.55
28 46 21 33-1153	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	882.58	22.55
28 46 21 33-1154	EA	120 VAC,125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMP)	666.99	22.55
28 46 21 33-1155	EA	220-240 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMPE)	666.99	22.55
28 46 21 33-1156	EA	Digital Series Distribution Board, Supports One To Four DS-Amp Or DS-AMPE (Notifier DS-DB)	1,123.05	22.55
28 46 21 33-1157	EA	125 Watts, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watts Amplifier With A DS-XF70V) (Notifier DS-BDA)	459.69	22.55
28 46 21 33-1158	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	235.81	22.55
28 46 21 33-1159	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	235.81	22.55
28 46 21 33-1160	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	235.81	22.55
28 46 21 33-1161	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watts, DS Series Transformer (Notifier DS-XF70V)	103.13	22.55
28 46 21 33-1162	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	221.89	22.55
28 46 21 33-1163	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,237.45	22.55
28 46 21 33-1164	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	373.89	45.09
28 46 21 33-1165	EA	Replacement Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	176.52	
28 46 21 33-1166	EA	Fire Fighters Telephone Control With Master Handset (Notifier FFT-7)	1,285.69	45.09
28 46 21 33-1167	EA	Portable Fireman's Telephone Handset (Notifier FHS)	113.08	
28 46 21 33-1168	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	113.08	
28 46 21 33-1169	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	316.24	22.55
28 46 21 33-1170	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	316.24	22.55
28 46 21 33-1171	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	52.50	6.76
28 46 21 33-1172	EA	Paging Microphone Only (Notifier MIC-1)	152.81	22.55
28 46 21 33-1173	EA	Firefighter's Telephone Handset (Notifier TELH-1)	124.28	
28 46 21 33-1174	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	364.97	22.55
28 46 21 33-1175	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	364.97	22.55

28 46 21 33-1176 Amplifiers *(28 46 21 33-0982)*

28 46 21 33-1177	EA	30 Watt Audio Amplifier At 25 VRMS, 120 VAC (Notifier AA-30)	693.90	22.55
28 46 21 33-1178	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 VAC, Tone Generator (Notifier AA-100)	1,503.89	22.55
28 46 21 33-1179	EA	120 Watt Audio Amplifier At 25 VRMS, 120 VAC, Tone Generator (Notifier AA-120)	1,461.13	22.55
28 46 21 33-1180	EA	Audio Coupling Transformer (Notifier ACT-1)	113.34	22.55
28 46 21 33-1181	EA	Audio Coupling Transformer For Analog Amplifiers (Notifier ACT-2)	131.43	22.55
28 46 21 33-1182	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	131.43	22.55
28 46 21 33-1183	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	131.43	22.55
28 46 21 33-1184	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	131.43	22.55

28 46 21 33-1185 FireVoice-25/50 Emergency Voice Evacuation Control Panels *(28 46 21 33-0982)*

28 46 21 33-1186	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	2,896.68	450.93
28 46 21 33-1187	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	2,113.46	450.93
28 46 21 33-1188	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	2,675.99	450.93
28 46 21 33-1189	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	3,411.62	450.93
28 46 21 33-1190	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	3,749.14	450.93

28 46 21 33-1191 System Printer *(28 46 21 33-0982)*

28 46 21 33-1192	EA	80 Column, 120 VAC, Desktop Printer (Notifier PRN-6)	1,494.02	22.55

28 46 21 33-1193 Batteries *(28 46 21 33-0982)*

28 46 21 33-1194	EA	5 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1250-BP)	423.21	22.55
28 46 21 33-1195	EA	7 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1270-BP)	326.32	22.55
28 46 21 33-1196	EA	12 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12120-BP)	426.65	22.55
28 46 21 33-1197	EA	18 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12180-BP)	252.31	22.55
28 46 21 33-1198	EA	26 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12260-BP)	349.35	22.55
28 46 21 33-1199	EA	55 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-12550)	348.53	22.55
28 46 21 33-1200	EA	100 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-121000)	549.83	22.55

28 46 21 33-1201 Battery Backboxes And Miscellaneous Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1202	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	109.87	18.04
28 46 21 33-1203	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	167.91	18.04
28 46 21 33-1204	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Amp Hour And Charger, Battery Backbox (Notifier BB-26)	310.30	90.19
28 46 21 33-1205	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH)	149.06	45.09
28 46 21 33-1206	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH1)	66.50	11.27
28 46 21 33-1207	EA	Battery Bracket For Two 26 Amp Hour Batteries (Notifier SEISKIT-BB25)	184.50	18.04
28 46 21 33-1208	EA	Two 26 Amp Hour Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	143.87	18.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1209	EA	Two 12 Amp Hour Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	158.79	18.04
28 46 21 33-1210	EA	Two 55 Amp Hour Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	172.06	18.04
28 46 21 33-1211		**Power Supplies And Chargers** *(28 46 21 33-0982)*		
28 46 21 33-1212	EA	120 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610)	1,062.68	33.82
28 46 21 33-1213	EA	220/240 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610E)	1,062.68	33.82
28 46 21 33-1214	EA	Addressable Power Supply, 120 VAC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,055.72	22.55
28 46 21 33-1215	EA	6A Auxiliary Power Supply (Notifier APS-6R)	540.99	22.55
28 46 21 33-1216	EA	10 Amp Battery Charger (Notifier BC10A)	672.96	33.82
28 46 21 33-1217	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-100)	397.40	27.06
28 46 21 33-1218	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-100R)	397.40	27.06
28 46 21 33-1219	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-200)	569.04	27.06
28 46 21 33-1220	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	569.04	27.06
28 46 21 33-1221	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	109.77	22.55
28 46 21 33-1222	EA	25 To 120 Amp Hour Battery Charger (Notifier CHG-120)	815.60	22.55
28 46 21 33-1223	EA	Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	62.35	11.27
28 46 21 33-1224	EA	Replacement Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	97.18	11.27
28 46 21 33-1225	EA	8.0 Amps, 120 VAC Remote Charger Power Supply (Notifier FCPS-24S8)	543.42	22.55
28 46 21 33-1226	EA	8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8E)	637.78	67.64
28 46 21 33-1227	EA	Red, 8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8R)	637.78	67.64
28 46 21 33-1228	EA	8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8)	726.50	67.64
28 46 21 33-1229	EA	8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	726.50	67.64
28 46 21 33-1230	EA	Chassis Mounted, 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	689.54	33.82
28 46 21 33-1231	EA	Chassis Mounted, 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	689.54	33.82
28 46 21 33-1232	EA	12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12)	834.65	33.82
28 46 21 33-1233	EA	12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	834.65	33.82
28 46 21 33-1234	EA	Chassis Mounted, 12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	866.16	67.64
28 46 21 33-1235	EA	Chassis Mounted, 12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	866.16	67.64
28 46 21 33-1236	EA	6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	608.75	67.64
28 46 21 33-1237	EA	6 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	608.75	67.64
28 46 21 33-1238	EA	8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	656.02	67.64
28 46 21 33-1239	EA	8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	656.02	67.64
28 46 21 33-1240	EA	6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	529.15	67.64
28 46 21 33-1241	EA	9 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	622.02	67.64
28 46 21 33-1242	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	126.20	11.27
28 46 21 33-1243	EA	Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A)	780.71	22.55
28 46 21 33-1244	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	147.91	22.55
28 46 21 33-1245		**Network Control Annunciators** *(28 46 21 33-0982)*		
28 46 21 33-1246	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,492.11	67.64
28 46 21 33-1247	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	60.78	13.53
28 46 21 33-1248	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	45.15	13.53
28 46 21 33-1249		**FIRSTVISION Firefighter's Display** *(28 46 21 33-0982)*		
28 46 21 33-1250	EA	Replacement ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	11,671.53	450.93
28 46 21 33-1251		**FlashScan Addressable Modules** *(28 46 21 33-0982)*		
28 46 21 33-1252	EA	Intelligent Addressable Control Module (Notifier FCM-1)	134.72	22.55
28 46 21 33-1253	EA	Addressable Dual Monitor Module (Notifier FDM-1)	149.52	22.55
28 46 21 33-1254	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	113.34	22.55
28 46 21 33-1255	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	101.83	22.55
28 46 21 33-1256	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	201.33	22.55
28 46 21 33-1257	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	129.79	22.55
28 46 21 33-1258	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	167.62	22.55
28 46 21 33-1259	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	111.70	22.55
28 46 21 33-1260		**Addressable Device Bases And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1261	EA	Intelligent Detector Base With Flange (Notifier B710LP)	38.99	11.27
28 46 21 33-1262	EA	Weatherproof Device Housing (Notifier DH400OE-1)	333.72	22.55
28 46 21 33-1263		**XP6/XP10 Transponder** *(28 46 21 33-0982)*		
28 46 21 33-1264	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	101.42	22.55
28 46 21 33-1265	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	475.99	22.55
28 46 21 33-1266	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	574.66	22.55
28 46 21 33-1267	EA	Six Relay Control Module (Notifier XP6-R)	457.89	22.55
28 46 21 33-1268	EA	Ten Input Monitor Module (Notifier XP10-M)	549.99	22.55
28 46 21 33-1269		**LCD Display Annunciators** *(28 46 21 33-0982)*		
28 46 21 33-1270	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	624.56	67.64
28 46 21 33-1271	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	867.14	67.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1272	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	896.75	67.64
28 46 21 33-1273	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	587.39	22.55
28 46 21 33-1274	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	314.58	22.55
28 46 21 33-1275	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	761.52	22.55
28 46 21 33-1276		**ONYX ACM And AEM Series LED Annunciators** *(28 46 21 33-0982)*		
28 46 21 33-1277	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	346.92	22.55
28 46 21 33-1278	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	628.11	22.55
28 46 21 33-1279	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	482.56	22.55
28 46 21 33-1280	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	628.11	22.55
28 46 21 33-1281	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	482.56	22.55
28 46 21 33-1282	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	482.56	22.55
28 46 21 33-1283	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	433.23	22.55
28 46 21 33-1284	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	482.56	22.55
28 46 21 33-1285	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	433.23	22.55
28 46 21 33-1286		**Graphic Annunciator - Lamp Driver Modules** *(28 46 21 33-0982)*		
28 46 21 33-1287	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	210.25	45.09
28 46 21 33-1288	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	227.52	45.09
28 46 21 33-1289	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	263.21	56.37
28 46 21 33-1290	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	285.42	56.37
28 46 21 33-1291	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	455.50	78.91
28 46 21 33-1292	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	80.92	13.53
28 46 21 33-1293	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	139.94	45.09
28 46 21 33-1294	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	112.93	11.27
28 46 21 33-1295	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	171.60	45.09
28 46 21 33-1296	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	296.93	56.37
28 46 21 33-1297	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	208.29	11.27
28 46 21 33-1298	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	477.70	78.91
28 46 21 33-1299	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	349.62	13.53
28 46 21 33-1300	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	138.06	18.04
28 46 21 33-1301	EA	Annunciator Key Switch (Notifier AKS-1B)	67.43	6.76
28 46 21 33-1302	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	80.04	22.55
28 46 21 33-1303	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	433.23	22.55
28 46 21 33-1304	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	127.60	4.51
28 46 21 33-1305	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	159.11	4.51
28 46 21 33-1306	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	358.39	22.55
28 46 21 33-1307	EA	Lamp Driver Module (Notifier LDM-R32)	624.70	22.55
28 46 21 33-1308	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	579.92	22.55
28 46 21 33-1309	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	161.59	4.51
28 46 21 33-1310	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	134.86	13.53
28 46 21 33-1311	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	84.27	13.53
28 46 21 33-1312	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	84.27	13.53
28 46 21 33-1313		**Network Gateways** *(28 46 21 33-0982)*		
28 46 21 33-1314	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	2,325.39	22.55
28 46 21 33-1315	EA	PC Version, Receivers Gateway (Notifier DACR-GW)	1,819.58	22.55
28 46 21 33-1316	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	1,736.66	22.55
28 46 21 33-1317	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	1,943.96	22.55
28 46 21 33-1318	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,159.55	22.55
28 46 21 33-1319	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	1,653.74	22.55
28 46 21 33-1320	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	1,695.20	22.55
28 46 21 33-1321	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	1,906.64	22.55
28 46 21 33-1322	EA	Modbus Gateway (Notifier MODBUS-GW)	1,819.58	22.55
28 46 21 33-1323	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,215.44	14.88
28 46 21 33-1324	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	3,300.86	14.88
28 46 21 33-1325	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	10,465.98	14.88
28 46 21 33-1326	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	432.49	33.82
28 46 21 33-1327	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	784.90	33.82
28 46 21 33-1328	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	1,141.45	33.82
28 46 21 33-1329	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	870.66	
28 46 21 33-1330	EA	Non UL Listed Applications, Mass Notification Voice Paging (Notifier NOTIFY-IP-NOUL)	870.66	
28 46 21 33-1331	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	1,804.85	22.55
28 46 21 33-1332	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,804.85	22.55
28 46 21 33-1333	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	2,648.78	22.55
28 46 21 33-1334	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	3,088.25	22.55
28 46 21 33-1335	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	2,648.78	22.55
28 46 21 33-1336	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,804.85	22.55
28 46 21 33-1337	EA	E-Mail Option For ONYXworks (Notifier ONYX-NOTIFY)	870.66	
28 46 21 33-1338	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	870.66	
28 46 21 33-1339	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	16,675.43	541.10
28 46 21 33-1340	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	3,497.17	
28 46 21 33-1341	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	3,497.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1342	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	809.61	22.55
28 46 21 33-1343	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	657.87	22.55
28 46 21 33-1344	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	788.05	22.55
28 46 21 33-1345	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	870.14	22.55
28 46 21 33-1346	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	1,819.58	22.55
28 46 21 33-1347	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	1,504.48	22.55
28 46 21 33-1348	EA	Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3)	1,658.40	
28 46 21 33-1349		**NOTI-FIRE-NET Network Components** *(28 46 21 33-0982)*		
28 46 21 33-1350	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	1,804.85	22.55
28 46 21 33-1351	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	807.38	22.55
28 46 21 33-1352	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	1,804.85	22.55
28 46 21 33-1353	EA	Wired Network Communications Module (Notifier NCM-W)	769.55	22.55
28 46 21 33-1354	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	76.21	11.27
28 46 21 33-1355		**FireWarden Addressable Fire Panels** *(28 46 21 33-0982)*		
28 46 21 33-1356	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,687.16	450.93
28 46 21 33-1357	EA	Black, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	1,979.08	450.93
28 46 21 33-1358	EA	Black, One DC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	1,988.09	225.46
28 46 21 33-1359	EA	Black, One SLC Loop, 240 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	1,988.09	225.46
28 46 21 33-1360	EA	Red, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	1,988.09	225.46
28 46 21 33-1361		**FireWarden Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1362	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	149.73	33.82
28 46 21 33-1363	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	148.90	33.82
28 46 21 33-1364		**FireWarden Devices** *(28 46 21 33-0982)*		
28 46 21 33-1365	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	110.88	22.55
28 46 21 33-1366	EA	Intelligent Addressable Control Module (Notifier NC-100)	130.61	22.55
28 46 21 33-1367	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	125.68	22.55
28 46 21 33-1368	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	265.83	33.82
28 46 21 33-1369	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	317.75	33.82
28 46 21 33-1370	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	125.68	22.55
28 46 21 33-1371	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	131.78	33.82
28 46 21 33-1372	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	131.78	33.82
28 46 21 33-1373	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	131.78	33.82
28 46 21 33-1374	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	174.54	33.82
28 46 21 33-1375	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	109.23	22.55
28 46 21 33-1376	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	99.77	22.55
28 46 21 33-1377	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	145.82	22.55
28 46 21 33-1378	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	137.54	33.82
28 46 21 33-1379	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	162.68	22.55
28 46 21 33-1380	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	561.51	22.55
28 46 21 33-1381		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1382	EA	120 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,132.63	360.74
28 46 21 33-1383	EA	120 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,238.71	360.74
28 46 21 33-1384	EA	240 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFB-2402E)	865.53	112.73
28 46 21 33-1385	EA	240 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFB-2404E)	972.50	112.73
28 46 21 33-1386	EA	Class A Converter Module (Notifier CAC-4)	284.73	22.55
28 46 21 33-1387	EA	Optional Internal Dress Panel For SFB-2402 And SFB-2404 Only (Notifier DP-3-B)	96.71	13.53
28 46 21 33-1388	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	98.37	13.53
28 46 21 33-1389	EA	Remote Zone Annunciator (Notifier RZA-4X)	145.58	33.82
28 46 21 33-1390		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1391	EA	120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	1,720.05	450.93
28 46 21 33-1392	EA	120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	2,613.15	338.20
28 46 21 33-1393	EA	240 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	1,726.89	225.46
28 46 21 33-1394	EA	Red, 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	1,726.89	225.46
28 46 21 33-1395	EA	Class A Converter Module (Notifier N-CAC-5X)	284.73	22.55
28 46 21 33-1396	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	114.13	13.53
28 46 21 33-1397		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1398	EA	120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	3,225.77	450.93
28 46 21 33-1399	EA	240 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	2,413.32	338.20
28 46 21 33-1400	EA	120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	1,950.30	450.93
28 46 21 33-1401	EA	Red, 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	2,864.24	450.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1402	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	487.23	67.64
28 46 21 33-1403		**Smoke Detectors** *(28 46 21 33-0982)*		
28 46 21 33-1404	EA	Intelligent Addressable Beam Smoke Detector (Notifier FSB-200)	1,209.61	45.09
28 46 21 33-1405	EA	Intelligent Addressable Beam Smoke Detector With Remote Test Feature (Notifier FSB-200S)	1,375.45	45.09
28 46 21 33-1406	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	186.05	33.82
28 46 21 33-1407	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	306.11	33.82
28 46 21 33-1408	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	759.99	33.82
28 46 21 33-1409	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851)	152.34	33.82
28 46 21 33-1410	EA	Remote Test Capable, Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851R)	155.54	33.82
28 46 21 33-1411	EA	Intelligent Addressable Thermal Detector (Notifier FST-851)	127.67	33.82
28 46 21 33-1412	EA	Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H)	127.67	33.82
28 46 21 33-1413	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R)	127.67	33.82
28 46 21 33-1414	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	140.61	33.82
28 46 21 33-1415	EA	Filters For Harsh Detector (Notifier RF-FTX)	17.04	
28 46 21 33-1416	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	113.14	22.55
28 46 21 33-1417		**Pull Stations** *(28 46 21 33-0982)*		
28 46 21 33-1418	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	23.95	4.51
28 46 21 33-1419	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2)	52.40	11.27
28 46 21 33-1420	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	52.40	11.27
28 46 21 33-1421	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	73.70	22.55
28 46 21 33-1422	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	79.92	22.55
28 46 21 33-1423	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	104.38	22.55
28 46 21 33-1424	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	73.70	22.55
28 46 21 33-1425	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	82.82	22.55
28 46 21 33-1426	EA	Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	82.82	22.55
28 46 21 33-1427	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	82.82	22.55
28 46 21 33-1428	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	79.09	22.55
28 46 21 33-1429	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	84.48	22.55
28 46 21 33-1430	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	572.36	27.06
28 46 21 33-1431	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	67.59	22.55
28 46 21 33-1432	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	85.59	22.55
28 46 21 33-1433	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	79.01	22.55
28 46 21 33-1434	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	173.35	27.06
28 46 21 33-1435	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	104.79	22.55
28 46 21 33-1436	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	92.77	22.55
28 46 21 33-1437	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	146.65	22.55
28 46 21 33-1438	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	36.38	4.51
28 46 21 33-1439		**Rate Compensation Heat Detectors** *(28 46 21 33-0982)*		
28 46 21 33-1440	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	140.00	33.82
28 46 21 33-1441	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	140.00	33.82
28 46 21 33-1442		**FM Series Door Releases** *(28 46 21 33-0982)*		
28 46 21 33-1443	EA	1/2" Door Holder Spacer (Notifier FM900-50)	23.40	6.76
28 46 21 33-1444	EA	3/4" Door Holder Spacer (Notifier FM900-75)	23.40	6.76
28 46 21 33-1445	EA	1" Door Holder Spacer (Notifier FM900-100)	23.40	6.76
28 46 21 33-1446	EA	Door Holder Extension Kit (Notifier FM900)	24.63	6.76
28 46 21 33-1447	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	25.04	6.76
28 46 21 33-1448	EA	Floor Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM980)	167.14	33.82
28 46 21 33-1449	EA	Surface Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM996)	146.58	33.82
28 46 21 33-1450	EA	Recessed Mounted, Concealed Wiring, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM998)	146.58	33.82
28 46 21 33-1451		**Multicriteria Fire Detector** *(28 46 21 33-0982)*		
28 46 21 33-1452	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	250.06	33.82
28 46 21 33-1453	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	231.82	33.82
28 46 21 33-1454	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector With Built-In 135°F Fixed Temperature Thermal Device (Notifier FSP-851T)	153.88	33.82
28 46 21 33-1455		**Modules** *(28 46 21 33-0982)*		
28 46 21 33-1456	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	279.75	22.55
28 46 21 33-1457	EA	Addressable Firephone Control Module (Notifier FTM-1)	167.81	22.55
28 46 21 33-1458		**DH Series Door Releases** *(28 46 21 33-0982)*		
28 46 21 33-1459	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	145.58	33.82
28 46 21 33-1460	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	154.21	33.82
28 46 21 33-1461	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	163.00	33.82
28 46 21 33-1462	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	160.51	33.82
28 46 21 33-1463	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	167.97	33.82
28 46 21 33-1464	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	173.78	33.82
28 46 21 33-1465	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	145.58	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1466	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	153.88	33.82
28 46 21 33-1467	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	163.00	33.82
28 46 21 33-1468	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	182.90	33.82
28 46 21 33-1469	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	194.51	33.82
28 46 21 33-1470	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	207.77	33.82
28 46 21 33-1471	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	211.09	33.82
28 46 21 33-1472	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	224.36	33.82
28 46 21 33-1473	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	240.94	33.82
28 46 21 33-1474	EA	.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	16.98	4.51
28 46 21 33-1475	EA	.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	16.98	4.51
28 46 21 33-1476	EA	.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	18.31	4.51
28 46 21 33-1477	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	16.98	4.51
28 46 21 33-1478	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	16.98	4.51
28 46 21 33-1479	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	18.31	4.51
28 46 21 33-1480	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	17.98	4.51
28 46 21 33-1481	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	17.98	4.51
28 46 21 33-1482	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	18.31	4.51
28 46 21 33-1483	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	19.30	4.51
28 46 21 33-1484	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	19.30	4.51
28 46 21 33-1485	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	19.30	4.51
28 46 21 33-1486	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	19.80	4.51
28 46 21 33-1487	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	20.13	4.51
28 46 21 33-1488	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	20.13	4.51
28 46 21 33-1489	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	21.13	4.51
28 46 21 33-1490	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	21.13	4.51
28 46 21 33-1491	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	21.46	4.51
28 46 21 33-1492	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	21.46	4.51
28 46 21 33-1493	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	22.29	4.51
28 46 21 33-1494	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	24.77	4.51
28 46 21 33-1495	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	22.29	4.51
28 46 21 33-1496	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	23.28	4.51
28 46 21 33-1497	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	24.77	4.51
28 46 21 33-1498	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	23.98	6.76
28 46 21 33-1499	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	24.64	6.76
28 46 21 33-1500	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	26.80	6.76
28 46 21 33-1501	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	42.22	6.76
28 46 21 33-1502	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	44.87	6.76
28 46 21 33-1503	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	47.53	6.76
28 46 21 33-1504	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	40.46	11.27
28 46 21 33-1505	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	42.45	11.27
28 46 21 33-1506	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	45.27	11.27
28 46 21 33-1507	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	223.88	
28 46 21 33-1508	EA	Two Piece Extension Wrench (Notifier DHW)	2.49	

28 46 21 33-1509 First Command *(28 46 21 33-0982)*

28 46 21 33-1510	EA	Black, 120 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	4,585.50	563.65
28 46 21 33-1511	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	4,585.50	563.65
28 46 21 33-1512	EA	Black, 120 VAC, 50 Watts, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,213.55	45.09
28 46 21 33-1513	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,213.55	45.09
28 46 21 33-1514	EA	Black, 120 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	2,201.96	45.09
28 46 21 33-1515	EA	Black, , 220-240 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	2,201.96	45.09
28 46 21 33-1516	EA	50 Watts, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	480.42	22.55
28 46 21 33-1517	EA	50 Watts, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	480.42	22.55
28 46 21 33-1518	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	327.85	22.55
28 46 21 33-1519	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	459.69	22.55
28 46 21 33-1520	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	1,635.62	45.09
28 46 21 33-1521	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	1,582.55	45.09
28 46 21 33-1522	EA	Black, Remote Microphone (Notifier NFC-RM)	451.81	
28 46 21 33-1523	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	1,341.25	45.09
28 46 21 33-1524	EA	Remote Telephone Zone Module (Notifier NFC-RTZM)	605.63	22.55
28 46 21 33-1525	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	249.90	22.55
28 46 21 33-1526	EA	Firefighters Phone Jack (Notifier N-FPJ)	114.69	6.76
28 46 21 33-1527	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	33.43	6.76
28 46 21 33-1528	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	100.86	13.53

28 46 21 33-1529 LED Displays *(28 46 21 33-0982)*

28 46 21 33-1530	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,090.61	27.06
28 46 21 33-1531	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	1,846.64	36.07
28 46 21 33-1532	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	1,896.39	36.07
28 46 21 33-1533	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	1,274.49	36.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1534	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	1,937.85	36.07
28 46 21 33-1535	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	1,896.39	36.07
28 46 21 33-1536		**Control Relays** *(28 46 21 33-0982)*		
28 46 21 33-1537	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	50.74	11.27
28 46 21 33-1538	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	40.79	11.27
28 46 21 33-1539	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	131.33	22.55
28 46 21 33-1540	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	80.59	11.27
28 46 21 33-1541	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	95.52	11.27
28 46 21 33-1542	EA	24 VDC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	118.06	22.55
28 46 21 33-1543	EA	120 VAC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	118.06	22.55
28 46 21 33-1544	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	76.60	22.55
28 46 21 33-1545	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	43.69	11.27
28 46 21 33-1546	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	148.74	22.55
28 46 21 33-1547	EA	24 VDC/24 VAC/115 VAC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	58.36	22.55
28 46 21 33-1548	EA	12/24 VDC, 7 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	58.36	22.55
28 46 21 33-1549	EA	9 To 40 VDC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	58.36	22.55
28 46 21 33-1550		**Gamewell-FCI Fire Control Instruments** *(28 46 21 33-0982)*		
28 46 21 33-1551		**7100 Series And NetSOLO®** *(28 46 21 33-1550)*		
28 46 21 33-1552		**7100 Compact Analog Addressable Fire Alarm Control Panels** *(28 46 21 33-1551)*		
28 46 21 33-1553	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	746.40	270.56
28 46 21 33-1554	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	3,062.42	450.93
28 46 21 33-1555	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	3,301.38	450.93
28 46 21 33-1556	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2-E)	3,062.42	450.93
28 46 21 33-1557	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2D-E)	3,301.38	450.93
28 46 21 33-1558	EA	Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1)	826.41	45.09
28 46 21 33-1559	EA	Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	986.28	45.09
28 46 21 33-1560	EA	Analog Loop Unit (Gamewell-FCI ALU)	986.28	45.09
28 46 21 33-1561		**NetSOLO® Intelligent Network** *(28 46 21 33-1551)*		
28 46 21 33-1562	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,091.46	45.09
28 46 21 33-1563	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	871.85	45.09
28 46 21 33-1564		**Components And Accessories** *(28 46 21 33-1551)*		
28 46 21 33-1565	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	543.87	33.82
28 46 21 33-1566	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	423.38	45.09
28 46 21 33-1567	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	757.42	45.09
28 46 21 33-1568	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	319.05	45.09
28 46 21 33-1569	EA	Replacement Enclosure Box (Gamewell-FCI EN-7100)	287.23	90.19
28 46 21 33-1570	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	778.79	22.55
28 46 21 33-1571		**E3 Series® Basic System** *(28 46 21 33-1550)*		
28 46 21 33-1572	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	752.87	45.09
28 46 21 33-1573	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	653.91	45.09
28 46 21 33-1574	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	752.87	45.09
28 46 21 33-1575	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	653.91	45.09
28 46 21 33-1576	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	472.31	45.09
28 46 21 33-1577	EA	Power Supply Module (Gamewell-FCI PM-9)	611.75	45.09
28 46 21 33-1578	EA	Transponder 9 Ampere Power Supply (Gamewell-FCI PM-9 INX)	518.37	45.09
28 46 21 33-1579	EA	Power Supply And Charger, 120/220 VAC (Gamewell-FCI PM-9G 9A)	501.44	22.55
28 46 21 33-1580	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	304.62	45.09
28 46 21 33-1581	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	777.47	45.09
28 46 21 33-1582	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	655.13	45.09
28 46 21 33-1583	EA	Local Operating Console (Gamewell-FCI 1100-0455)	439.50	33.82
28 46 21 33-1584	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	1,378.31	33.82
28 46 21 33-1585	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	563.18	45.09
28 46 21 33-1586	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	1,669.20	45.09
28 46 21 33-1587	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	426.42	90.19
28 46 21 33-1588	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	326.09	90.19
28 46 21 33-1589	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	72.96	22.55
28 46 21 33-1590	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	401.52	45.09
28 46 21 33-1591	EA	LED Driver module (Gamewell-FCI ANU-48)	401.52	45.09
28 46 21 33-1592	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	1,157.66	33.82
28 46 21 33-1593		**Addressable Devices, Module, Pulls And Accessories** *(28 46 21 33-1550)*		
28 46 21 33-1594		**Velociti® Series Sensors And Bases** *(28 46 21 33-1593)*		
28 46 21 33-1595	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	136.63	33.82
28 46 21 33-1596	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	139.16	33.82
28 46 21 33-1597	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	146.73	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1598	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	116.44	33.82
28 46 21 33-1599	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	120.65	33.82
28 46 21 33-1600	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	116.44	33.82
28 46 21 33-1601	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	164.40	33.82
28 46 21 33-1602	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	341.10	33.82
28 46 21 33-1603	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	302.05	56.37
28 46 21 33-1604	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	335.70	56.37
28 46 21 33-1605	EA	Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB)	177.52	56.37
28 46 21 33-1606	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	36.01	11.27
28 46 21 33-1607	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	366.34	33.82
28 46 21 33-1608	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	75.14	11.27
28 46 21 33-1609	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	1,271.17	67.64

28 46 21 33-1610 Velociti® Series Modules And Pull Station *(28 46 21 33-1593)*

28 46 21 33-1611	EA	Style "B", Class “B” Addressable Monitor Module (Gamewell-FCI AMM-2F)	98.52	22.55
28 46 21 33-1612	EA	Dual Style "B", Class “B” Addressable Monitor Module (Gamewell-FCI AMM-2IF)	151.95	22.55
28 46 21 33-1613	EA	Style "D", Class “A” Addressable Monitor Module (Gamewell-FCI AMM-4F)	106.93	22.55
28 46 21 33-1614	EA	Subloop Style "D", Class “A” Addressable Monitor Module (Gamewell-FCI AMM-4SF)	146.06	22.55
28 46 21 33-1615	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	123.76	22.55
28 46 21 33-1616	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	127.97	22.55
28 46 21 33-1617	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	185.69	45.09
28 46 21 33-1618	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	131.75	22.55
28 46 21 33-1619	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	21.64	4.51

28 46 21 33-1620 Components And Accessories *(28 46 21 33-1593)*

28 46 21 33-1621	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	57.11	18.04
28 46 21 33-1622	EA	Up To 2’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	28.56	9.02
28 46 21 33-1623	EA	>2' To 4’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	30.24	9.02
28 46 21 33-1624	EA	>4' To 8’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	36.43	11.27
28 46 21 33-1625	EA	>8' To 10’ Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	56.51	13.53
28 46 21 33-1626	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	83.19	18.04

28 46 21 33-1627 Fixed And Rate of Rise Heat Detectors *(28 46 21 33-1593)*

28 46 21 33-1628	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	81.94	33.82
28 46 21 33-1629	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	81.94	33.82
28 46 21 33-1630	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	81.94	33.82
28 46 21 33-1631	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	81.94	33.82

28 46 21 33-1632 NAC Expander/Power Supply *(28 46 21 33-1593)*

28 46 21 33-1633	EA	FireForce 8 NAC Expander/Power Supply, 12/24 VDC, 8 Amp, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	1,327.28	360.74
28 46 21 33-1634	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,167.41	360.74
28 46 21 33-1635	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,247.35	360.74

28 46 21 33-1636 Batteries And Accessories *(28 46 21 33-1550)*

28 46 21 33-1637	EA	B-17R, 12 VDC, 17 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	189.81	22.55
28 46 21 33-1638	EA	B-55R, 12 VDC, 55 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	464.11	22.55
28 46 21 33-1639	EA	B-7R, 12 VDC, 7 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	105.67	22.55
28 46 21 33-1640	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	242.48	45.09
28 46 21 33-1641	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	242.48	45.09
28 46 21 33-1642	EA	12”H x 12”W x 24”L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	218.08	45.09

28 46 21 33-1643 Electronic Door Holders *(28 46 21 33-1550)*

Note: Rixson products.

28 46 21 33-1644	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	33.76	4.51
28 46 21 33-1645	EA	FM-980, Floor Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90000)	269.58	33.82
28 46 21 33-1646	EA	FM-981, Floor Mount Holder For Double Doors, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90001)	361.29	33.82
28 46 21 33-1647	EA	FM-990, Low Profile Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90002)	178.20	33.82
28 46 21 33-1648	EA	FM-996, Surface Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90003)	170.63	33.82
28 46 21 33-1649	EA	FM-997 Recessed Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90004)	178.20	33.82
28 46 21 33-1650	EA	FM-998, Recessed Mount Door Holder With Concealed Wiring, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90005)	177.86	33.82

28 46 21 33-1651 SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes *(28 46 21 33-1550)*

See CSI section 28 46 21 33-1815 for devices.

28 46 21 33-1652 SpectrAlert® Advance Accessories *(28 46 21 33-1550)*

See CSI section 28 46 21 33-1815 for backboxes, 28 46 21 33-2077 for backboxes.

28 46 21 33-1653 Fire Alarm Programming *(28 46 21 33-1550)*

Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.

28 46 21 33-1654	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 21 33-1655	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 21 33-1656	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1657		Fire-Lite Fire Alarm *(28 46 21 33-0981)*		
28 46 21 33-1658		Addressable Control Panels *(28 46 21 33-1657)*		
28 46 21 33-1659	EA	25 Point Intelligent Control (Fire Lite MS-25)	1,386.13	450.93
28 46 21 33-1660	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	1,503.96	450.93
28 46 21 33-1661	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	2,136.49	450.93
28 46 21 33-1662	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	3,104.13	450.93
28 46 21 33-1663	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	2,991.71	450.93
28 46 21 33-1664		Silent Knight Fire Alarm *(28 46 21 33-0981)*		
28 46 21 33-1665	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	3,087.17	225.46
28 46 21 33-1666	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	1,296.03	135.28
28 46 21 33-1667	EA	50 Watt Amplifier (Silent Knight EVS-50W)	907.15	90.19
28 46 21 33-1668	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,590.39	90.19
28 46 21 33-1669	EA	Voice Evacuation System (Silent Knight SKE-450)	1,522.67	90.19
28 46 21 33-1670	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	1,268.72	90.19
28 46 21 33-1671	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	1,314.17	135.28
28 46 21 33-1672	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	973.65	90.19
28 46 21 33-1673	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	751.82	90.19
28 46 21 33-1674	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	652.70	90.19
28 46 21 33-1675	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	210.05	33.82
28 46 21 33-1676	EA	Photoelectric Detector (Silent Knight SK-PHOTO)	124.97	33.82
28 46 21 33-1677	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	130.89	33.82
28 46 21 33-1678	EA	Ionization Smoke Detector (Silent Knight SK-ION)	131.55	33.82
28 46 21 33-1679	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT)	116.25	33.82
28 46 21 33-1680	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT)	121.66	33.82
28 46 21 33-1681	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	123.65	33.82
28 46 21 33-1682	EA	Sounder Base (Silent Knight B200SR)	71.29	11.27
28 46 21 33-1683	EA	Intelligent Sounder Base (Silent Knight B200S)	75.25	11.27
28 46 21 33-1684	EA	Isolator Base (Silent Knight B224BI)	60.11	11.27
28 46 21 33-1685	EA	Relay Base (Silent Knight B224RB)	60.76	11.27
28 46 21 33-1686	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	133.62	33.82
28 46 21 33-1687	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT)	207.57	33.82
28 46 21 33-1688	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM)	701.30	33.82
28 46 21 33-1689	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	799.25	33.82
28 46 21 33-1690	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	156.46	33.82
28 46 21 33-1691	EA	Supervised Control Module (Silent Knight SK-CONTROL)	132.35	33.82
28 46 21 33-1692	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	420.58	45.09
28 46 21 33-1693	EA	Relay Control Module (Silent Knight SK-RELAY)	111.07	22.55
28 46 21 33-1694	EA	Six Relay Control Module (Silent Knight SK-RELAY-6)	407.11	45.09
28 46 21 33-1695	EA	Zone Interface Module (Silent Knight SK-ZONE)	134.89	33.82
28 46 21 33-1696	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	484.20	45.09
28 46 21 33-1697	EA	Monitor Module (Silent Knight SK-MONITOR)	117.71	33.82
28 46 21 33-1698	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	469.53	45.09
28 46 21 33-1699	EA	Monitor Module (Silent Knight SK-MINIMON)	110.47	33.82
28 46 21 33-1700	EA	Fault Isolator Module (Silent Knight SK-ISO)	121.66	33.82
28 46 21 33-1701	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	119.69	33.82
28 46 21 33-1702	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	129.03	33.82
28 46 21 33-1703	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	121.66	33.82
28 46 21 33-1704	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	86.46	11.27
28 46 21 33-1705	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	81.84	11.27
28 46 21 33-1706	EA	6" Isolator Base (Silent Knight SD505-6IB)	74.60	11.27
28 46 21 33-1707	EA	Addressable Input Module (Silent Knight SD500-AIM)	121.01	33.82
28 46 21 33-1708	EA	Addressable Notification Module (Silent Knight SD500-ANM)	146.31	33.82
28 46 21 33-1709	EA	Addressable Relay Module (Silent Knight SD500-ARM)	132.35	33.82
28 46 21 33-1710	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	491.37	67.64
28 46 21 33-1711	EA	Loop Isolation Module (Silent Knight SD500-LIM)	125.61	33.82
28 46 21 33-1712	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	97.14	22.55
28 46 21 33-1713	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	122.49	22.55
28 46 21 33-1714	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	117.41	22.55
28 46 21 33-1715	EA	Back Box (Silent Knight SK-PSSMBB)	57.32	18.04
28 46 21 33-1716	EA	Smoke Detector Module (Silent Knight SD500-SDM)	138.69	33.82
28 46 21 33-1717	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	34.60	11.27
28 46 21 33-1718	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	34.60	11.27
28 46 21 33-1719	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	216.24	33.82
28 46 21 33-1720	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	276.92	33.82
28 46 21 33-1721	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	124.30	33.82
28 46 21 33-1722	EA	Intelligent Power Module (Silent Knight 5895XL)	705.32	90.19
28 46 21 33-1723	EA	Addressable Power Supply (Silent Knight 5496)	493.81	67.64
28 46 21 33-1724	EA	Relay Interface Board (Silent Knight 5883)	187.50	22.55
28 46 21 33-1725	EA	Remote LED Annunciator (Silent Knight 5865-3)	385.08	45.09
28 46 21 33-1726	EA	Remote LED Annunciator (Silent Knight 5865-4)	433.79	45.09
28 46 21 33-1727	EA	Remote LCD Annunciator (Silent Knight SK-5860)	421.61	67.64
28 46 21 33-1728	EA	Serial/Parallel Printer Interface (Silent Knight 5824)	264.28	22.55
28 46 21 33-1729	EA	LED Input/Output Module (Silent Knight / IntelliKnight 5880)	313.59	33.82
28 46 21 33-1730	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	117.41	22.55
28 46 21 33-1731	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	404.48	67.64
28 46 21 33-1732	EA	Communicator (Silent Knight IPGSM-4G)	574.84	45.09
28 46 21 33-1733	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	916.82	90.19
28 46 21 33-1734	EA	10 Zone Expander (Silent Knight SK-5217)	255.61	22.55
28 46 21 33-1735	EA	Remote Annunciator (Silent Knight SK-5235)	266.03	45.09
28 46 21 33-1736	EA	Status Display Module (Silent Knight 5280)	81.33	22.55
28 46 21 33-1737	EA	Serial/Parallel Module (Silent Knight 5824)	309.38	45.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1738	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	538.90	90.19
28 46 21 33-1739	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	548.69	90.19
28 46 21 33-1740	EA	Dress Panel (Silent Knight SK-DP2/4)	104.38	22.55
28 46 21 33-1741	EA	Class A Convertor (Silent Knight SK-CAC4)	260.82	33.82
28 46 21 33-1742	EA	Transmitter Module (Silent Knight SK-4XTM	145.04	33.82
28 46 21 33-1743	EA	LED Interface Module (Silent Knight SK-4XLM	134.89	33.82
28 46 21 33-1744	EA	110 VAC Transformer, 3-6A (Silent Knight SK-XRM24)	132.64	22.55
28 46 21 33-1745	EA	Remote Annunciator (Silent Knight SK-RZA4)	134.89	33.82
28 46 21 33-1746	EA	Zone Relay Module (Silent Knight SK-4XZM)	143.77	33.82
28 46 21 33-1747	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	471.59	90.19
28 46 21 33-1748	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	117.41	22.55
28 46 21 33-1749	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	69.66	22.55
28 46 21 33-1750	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	74.56	22.55
28 46 21 33-1751	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	73.18	22.55
28 46 21 33-1752	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	66.46	22.55
28 46 21 33-1753	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	137.85	27.06
28 46 21 33-1754	EA	6 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	465.67	67.64
28 46 21 33-1755	EA	9 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	519.51	67.64
28 46 21 33-1756		**Alerton** *(28 46 21 33)*		
28 46 21 33-1757	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	403.25	6.76
28 46 21 33-1758		**Cooper Fire Alarm** *(28 46 21 33)*		
28 46 21 33-1759	EA	Single Circuit Class A / Multiple B, 12 Or 24 VDC, Sync Module (Cooper DSM-12/24-R)	144.59	22.55
28 46 21 33-1760	EA	Red Lens, 21 Joules, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	2,359.45	38.33
28 46 21 33-1761	EA	Red, 100 dB, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	3,105.73	38.33
28 46 21 33-1762	EA	Red Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	1,149.08	45.09
28 46 21 33-1763	EA	Clear Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	1,155.71	45.09
28 46 21 33-1764	EA	Amber Lens, 5 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	1,155.71	45.09
28 46 21 33-1765	EA	Red Lens, 10 Joules, 24 VDC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	862.18	45.09
28 46 21 33-1766	EA	Amber Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	862.18	45.09
28 46 21 33-1767	EA	Red Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	862.18	45.09
28 46 21 33-1768	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	1,155.71	45.09
28 46 21 33-1769	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	1,155.71	45.09
28 46 21 33-1770	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	1,155.71	45.09
28 46 21 33-1771	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	1,155.71	45.09
28 46 21 33-1772	EA	Red Lens, 15 Joules, 24 VDC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	1,155.71	45.09
28 46 21 33-1773	EA	Red Lens, 21 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	1,327.36	45.09
28 46 21 33-1774	EA	Red Lens, 21 Joules, 24 VDC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	1,234.49	45.09
28 46 21 33-1775	EA	Amber Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	1,234.49	45.09
28 46 21 33-1776	EA	Red Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	1,234.49	45.09
28 46 21 33-1777		**Light Engineered Displays Message Boards** *(28 46 21 33)*		
28 46 21 33-1778	EA	Two Message Sign, “Announcement” And “Evacuate” (LED SP-2/MNS)	423.10	27.06
28 46 21 33-1779	EA	Four Message Sign, “Fire”, “Weather”, “Announcement”, “E Voltuate” (LED SP-4)	514.32	27.06
28 46 21 33-1780		**STI Fire Alarm** *(28 46 21 33)*		
28 46 21 33-1781	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100) Note: Include 9 VDC self contained battery.	100.72	13.53
28 46 21 33-1782	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	132.37	13.53
28 46 21 33-1783	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	89.56	13.53
28 46 21 33-1784	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	81.33	13.53
28 46 21 33-1785	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	72.29	13.53
28 46 21 33-1786	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	81.33	13.53
28 46 21 33-1787	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	81.15	13.53
28 46 21 33-1788	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	164.71	13.53
28 46 21 33-1789	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	107.65	13.53
28 46 21 33-1790	EA	Backplate For Polycarbonate Cover (STI-1280)	50.07	13.53
28 46 21 33-1791	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	35.56	13.53
28 46 21 33-1792	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	59.19	13.53
28 46 21 33-1793	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	111.64	13.53
28 46 21 33-1794	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	98.99	13.53
28 46 21 33-1795	EA	24.7" x 19.7" x 7.3", Key Lock, Lockable Enclosure (STI-7550)	513.80	13.53
28 46 21 33-1796	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	80.13	13.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1797	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	73.91	13.53
28 46 21 33-1798	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	68.11	13.53
28 46 21 33-1799	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	73.91	13.53
28 46 21 33-1800	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	68.11	13.53
28 46 21 33-1801	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	73.91	13.53
28 46 21 33-1802	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	68.11	13.53
28 46 21 33-1803	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	123.25	13.53
28 46 21 33-1804	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	62.72	13.53
28 46 21 33-1805	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	62.72	13.53
28 46 21 33-1806	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	95.05	13.53
28 46 21 33-1807	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	95.05	13.53
28 46 21 33-1808	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	68.52	13.53
28 46 21 33-1809	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	68.52	13.53
28 46 21 33-1810	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	62.72	13.53
28 46 21 33-1811	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	68.11	13.53
28 46 21 33-1812	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	68.52	13.53
28 46 21 33-1813	EA	Yellow, “High Threat”, Push Button Station (STI SS-2201)	70.54	6.76
28 46 21 33-1814	EA	Gasket Kit For STI Covers (STI SUB-121)	31.56	

28 46 21 33-1815 System Sensor Fire Alarm *(28 46 21 33)*

28 46 21 33-1816 Smoke Detectors *(28 46 21 33-1815)*

28 46 21 33-1817	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	42.19	4.51
28 46 21 33-1818	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	170.71	4.51
28 46 21 33-1819	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	216.23	45.09
28 46 21 33-1820	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	160.67	45.09
28 46 21 33-1821	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	132.48	45.09
28 46 21 33-1822	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	121.09	33.82
28 46 21 33-1823	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	123.20	33.82
28 46 21 33-1824	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	126.85	33.82
28 46 21 33-1825	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	122.94	33.82
28 46 21 33-1826	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 VDC (System Sensor 4WT-B)	131.49	33.82
28 46 21 33-1827	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	129.73	33.82
28 46 21 33-1828	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	157.19	33.82
28 46 21 33-1829	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	93.18	22.55
28 46 21 33-1830	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	104.79	22.55
28 46 21 33-1831	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	195.02	11.27
28 46 21 33-1832	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	68.16	11.27

28 46 21 33-1833 Duct Smoke Detectors *(28 46 21 33-1815)*

28 46 21 33-1834	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	252.76	33.82
28 46 21 33-1835	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	255.45	33.82
28 46 21 33-1836	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	328.11	38.33
28 46 21 33-1837	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	166.15	22.55
28 46 21 33-1838	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	45.04	6.76
28 46 21 33-1839	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	142.97	18.04
28 46 21 33-1840	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	231.76	22.55
28 46 21 33-1841	EA	1' Steel Sampling Tube (System Sensor DST1)	27.16	9.02
28 46 21 33-1842	EA	1.5’ Steel Sampling Tube (System Sensor DST1.5)	29.23	9.02
28 46 21 33-1843	EA	3’ Steel Sampling Tube (System Sensor DST3)	33.38	9.02
28 46 21 33-1844	EA	5’ Steel Sampling Tube (System Sensor DST5)	39.41	11.27
28 46 21 33-1845	EA	10’ Steel Sampling Tube (System Sensor DST10)	61.68	13.53
28 46 21 33-1846	EA	1’, Steel, Exhaust Tube Duct (System Sensor ETX)	30.06	9.02
28 46 21 33-1847	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	68.78	11.27
28 46 21 33-1848	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	145.11	
28 46 21 33-1849	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	155.89	

28 46 21 33-1850 Heat Detectors *(28 46 21 33-1815)*

28 46 21 33-1851	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	84.91	33.82
28 46 21 33-1852	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	84.91	33.82
28 46 21 33-1853	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	98.07	33.82
28 46 21 33-1854	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	98.07	33.82

28 46 21 33-1855 Horns *(28 46 21 33-1815)*

28 46 21 33-1856	EA	Red, Mini Horn (System Sensor MHR)	90.44	33.82
28 46 21 33-1857	EA	White, Mini Horn (System Sensor MHW)	90.44	33.82
28 46 21 33-1858	EA	White, 12/24 VDC, Wall Mounted Horn Only (System Sensor HW)	102.05	33.82
28 46 21 33-1859	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	113.97	38.33
28 46 21 33-1860	EA	Red, Interior, Wall Mounted, Horn (System Sensor HR)	101.77	33.82
28 46 21 33-1861	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	121.09	33.82

28 46 21 33-1862 Wall Mounted Horns/Strobes *(28 46 21 33-1815)*

28 46 21 33-1863	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R)	130.66	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1864	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	135.63	33.82
28 46 21 33-1865	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	172.85	38.33
28 46 21 33-1866	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	172.85	38.33
28 46 21 33-1867	EA	Low Frequency, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH-LF)	180.41	33.82
28 46 21 33-1868	EA	Outdoor Backbox, Red, 120 VAC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	185.29	38.33
28 46 21 33-1869	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	163.31	38.33
28 46 21 33-1870	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	167.87	38.33
28 46 21 33-1871	EA	Replacement, Outdoor, Red, , Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	146.41	33.82
28 46 21 33-1872	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R-P)	130.66	33.82
28 46 21 33-1873	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W)	130.66	33.82
28 46 21 33-1874	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	136.46	33.82
28 46 21 33-1875	EA	Low Frequency, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-LF)	180.41	33.82
28 46 21 33-1876	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	172.85	38.33
28 46 21 33-1877	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	172.85	38.33
28 46 21 33-1878	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	135.63	33.82
28 46 21 33-1879	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	167.87	38.33
28 46 21 33-1880	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	167.87	38.33
28 46 21 33-1881	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W-P)	130.66	33.82
28 46 21 33-1882	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4R)	147.40	33.82
28 46 21 33-1883	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	150.69	33.82
28 46 21 33-1884	EA	Outdoor Backbox, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	173.69	38.33
28 46 21 33-1885	EA	Replacement, Outdoor, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	164.56	38.33
28 46 21 33-1886	EA	White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4W)	148.07	33.82
28 46 21 33-1887	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	169.53	38.33
28 46 21 33-1888	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	174.51	38.33

28 46 21 33-1889 Ceiling Mounted Horns/Strobes *(28 46 21 33-1815)*

28 46 21 33-1890	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R)	130.66	33.82
28 46 21 33-1891	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	137.29	33.82
28 46 21 33-1892	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	172.85	38.33
28 46 21 33-1893	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	167.87	38.33
28 46 21 33-1894	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	131.49	33.82
28 46 21 33-1895	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W)	130.66	33.82
28 46 21 33-1896	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	137.29	33.82
28 46 21 33-1897	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	172.85	38.33
28 46 21 33-1898	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	137.29	33.82
28 46 21 33-1899	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	167.87	38.33
28 46 21 33-1900	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	130.66	33.82
28 46 21 33-1901	EA	Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4R)	147.40	33.82
28 46 21 33-1902	EA	Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	150.69	33.82
28 46 21 33-1903	EA	White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4W)	148.07	33.82

28 46 21 33-1904 Wall Mounted Strobes *(28 46 21 33-1815)*

28 46 21 33-1905	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	50.74	11.27
28 46 21 33-1906	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	93.86	11.27
28 46 21 33-1907	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR)	117.80	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1908	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	129.31	33.82
28 46 21 33-1909	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	156.42	38.33
28 46 21 33-1910	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	154.78	38.33
28 46 21 33-1911	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	155.43	38.33
28 46 21 33-1912	EA	Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	137.19	38.33
28 46 21 33-1913	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR-P)	118.22	33.82
28 46 21 33-1914	EA	White, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW)	118.22	33.82
28 46 21 33-1915	EA	White, Amber Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-ALERT)	127.34	33.82
28 46 21 33-1916	EA	White, Clear Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-CLR-ALERT)	124.85	33.82
28 46 21 33-1917	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	129.83	33.82
28 46 21 33-1918	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	129.00	33.82
28 46 21 33-1919	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	129.00	33.82
28 46 21 33-1920	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	157.09	38.33
28 46 21 33-1921	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	157.09	38.33
28 46 21 33-1922	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	157.09	38.33
28 46 21 33-1923	EA	Replacement Unit, Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	140.51	38.33
28 46 21 33-1924	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	155.43	38.33
28 46 21 33-1925	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	155.43	38.33
28 46 21 33-1926	EA	White, Plain, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-P)	117.39	33.82
28 46 21 33-1927	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	18.14	4.51
28 46 21 33-1928	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	18.14	4.51
28 46 21 33-1929	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	18.14	4.51
28 46 21 33-1930	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	18.14	4.51
28 46 21 33-1931		**Ceiling Mounted Strobes** *(28 46 21 33-1815)*		
28 46 21 33-1932	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCR)	117.80	33.82
28 46 21 33-1933	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	130.96	33.82
28 46 21 33-1934	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	156.42	38.33
28 46 21 33-1935	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	156.42	38.33
28 46 21 33-1936	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW)	118.22	33.82
28 46 21 33-1937	EA	Clear Lens, White, Two Wire, 12/24 VDC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCW-CLR-ALERT)	124.85	33.82
28 46 21 33-1938	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	131.49	33.82
28 46 21 33-1939	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	157.09	38.33
28 46 21 33-1940	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	155.43	38.33
28 46 21 33-1941	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	119.05	33.82
28 46 21 33-1942	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	18.14	4.51
28 46 21 33-1943	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	18.14	4.51
28 46 21 33-1944	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	18.14	4.51
28 46 21 33-1945	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	18.14	4.51
28 46 21 33-1946		**Wall Mounted Speakers** *(28 46 21 33-1815)*		
28 46 21 33-1947	EA	24 VDC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	274.11	33.82
28 46 21 33-1948	EA	Red, Wall Mounted Speaker (System Sensor SPR)	99.71	33.82
28 46 21 33-1949	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	142.68	33.82
28 46 21 33-1950	EA	Replacement Unit, Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	126.00	38.33
28 46 21 33-1951	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	108.76	33.82
28 46 21 33-1952	EA	White, Wall Mounted Speaker (System Sensor SPW)	99.98	33.82
28 46 21 33-1953	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	151.70	38.33
28 46 21 33-1954	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	109.10	33.82
28 46 21 33-1955		**Ceiling Mounted Speakers** *(28 46 21 33-1815)*		
28 46 21 33-1956	EA	Red, Ceiling Mounted Speaker (System Sensor SPCR)	99.71	33.82
28 46 21 33-1957	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	142.06	33.82
28 46 21 33-1958	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	108.76	33.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1959	EA	White, Ceiling Mounted Speaker (System Sensor SPCW)	99.98	33.82
28 46 21 33-1960	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	109.10	33.82
28 46 21 33-1961	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	151.70	38.33
28 46 21 33-1962		**Wall Mounted Speakers/Strobes** *(28 46 21 33-1815)*		
28 46 21 33-1963	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSW)	101.32	11.27
28 46 21 33-1964	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSW)	50.74	11.27
28 46 21 33-1965	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR)	151.52	33.82
28 46 21 33-1966	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	160.56	33.82
28 46 21 33-1967	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	211.52	38.33
28 46 21 33-1968	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	212.65	38.33
28 46 21 33-1969	EA	Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	182.80	38.33
28 46 21 33-1970	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR-P)	152.22	33.82
28 46 21 33-1971	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	155.63	33.82
28 46 21 33-1972	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-ALERT)	170.46	33.82
28 46 21 33-1973	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	215.97	38.33
28 46 21 33-1974	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW)	152.22	33.82
28 46 21 33-1975	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	161.34	33.82
28 46 21 33-1976	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	161.34	33.82
28 46 21 33-1977	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	212.65	38.33
28 46 21 33-1978	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	212.65	38.33
28 46 21 33-1979	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-P)	152.22	33.82
28 46 21 33-1980	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	156.36	33.82
28 46 21 33-1981	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	156.36	33.82
28 46 21 33-1982		**Ceiling Mounted Speakers/Strobes** *(28 46 21 33-1815)*		
28 46 21 33-1983	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCR)	151.52	33.82
28 46 21 33-1984	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	162.21	33.82
28 46 21 33-1985	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	155.63	33.82
28 46 21 33-1986	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW)	152.22	33.82
28 46 21 33-1987	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-CLR-ALERT)	163.00	33.82
28 46 21 33-1988	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	161.34	33.82
28 46 21 33-1989	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	215.14	38.33
28 46 21 33-1990	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	161.34	33.82
28 46 21 33-1991	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	215.97	38.33
28 46 21 33-1992	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	212.65	38.33
28 46 21 33-1993	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-P)	152.22	33.82
28 46 21 33-1994	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	156.36	33.82
28 46 21 33-1995	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	161.34	33.82
28 46 21 33-1996	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	156.36	33.82
28 46 21 33-1997	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	161.11	33.82
28 46 21 33-1998		**Electric Alarm Bells** *(28 46 21 33-1815)*		
28 46 21 33-1999	EA	6" 24 Volt DC Alarm Bell (System Sensor SSM24-6)	118.22	33.82
28 46 21 33-2000	EA	8" 24 Volt DC Alarm Bell (System Sensor SSM24-8)	127.34	33.82
28 46 21 33-2001	EA	10" 24 Volt DC Alarm Bell (System Sensor SSM24-10)	148.41	33.82
28 46 21 33-2002		**Device Bases** *(28 46 21 33-1815)*		
28 46 21 33-2003	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	86.40	11.27
28 46 21 33-2004	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	84.33	11.27
28 46 21 33-2005	EA	Intelligent Isolator Base (System Sensor B224BI)	70.02	11.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2006	EA	Intelligent Relay Base (System Sensor B224RB)	71.06	11.27
28 46 21 33-2007	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	41.41	11.27
28 46 21 33-2008		**Boxes, Plates And Decals** *(28 46 21 33-1815)*		
28 46 21 33-2009	EA	Two Wire, Flanged, 12/24 VDC, Low-Profile, Adapter Base (System Sensor B110LP)	36.23	11.27
28 46 21 33-2010	EA	Four Wire, Form A And C, 24 VDC Low-Profile, Adapter Base (System Sensor B112LP)	67.28	13.53
28 46 21 33-2011	EA	Conventional Flanged Mounting Base (System Sensor B210LP)	34.99	11.27
28 46 21 33-2012	EA	120 VAC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	64.84	11.27
28 46 21 33-2013	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB)	57.38	11.27
28 46 21 33-2014	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW)	63.18	11.27
28 46 21 33-2015	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW)	57.38	11.27
28 46 21 33-2016	EA	Red Retrofit Plate (System Sensor RFP)	28.12	6.76
28 46 21 33-2017	EA	White Retrofit Plate (System Sensor RFPW)	28.12	6.76
28 46 21 33-2018	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB)	49.08	11.27
28 46 21 33-2019	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC)	50.33	11.27
28 46 21 33-2020	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCR)	42.04	11.27
28 46 21 33-2021	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCW)	42.04	11.27
28 46 21 33-2022	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBR)	36.23	11.27
28 46 21 33-2023	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPR)	40.38	11.27
28 46 21 33-2024	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPW)	40.38	11.27
28 46 21 33-2025	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBW)	36.23	11.27
28 46 21 33-2026	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	35.82	11.27
28 46 21 33-2027	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	35.82	11.27
28 46 21 33-2028	EA	Red, Wall Mounted, Trim Ring (System Sensor TR)	15.07	4.51
28 46 21 33-2029	EA	Red, Ceiling Mounted, Trim Ring (System Sensor TRC)	15.07	4.51
28 46 21 33-2030	EA	White, Ceiling Mounted, Trim Ring (System Sensor TRCW)	15.07	4.51
28 46 21 33-2031	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	13.12	4.51
28 46 21 33-2032	EA	White, Wall Mounted, Trim Ring (System Sensor TRW)	15.07	4.51
28 46 21 33-2033	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	19.14	
28 46 21 33-2034	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	26.53	
28 46 21 33-2035	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	19.14	
28 46 21 33-2036	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	26.53	
28 46 21 33-2037		**Chimes** *(28 46 21 33-1815)*		
28 46 21 33-2038	EA	Red, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHR)	104.95	33.82
28 46 21 33-2039	EA	White, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHW)	104.95	33.82
28 46 21 33-2040		**Chime/Strobes** *(28 46 21 33-1815)*		
28 46 21 33-2041	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSR)	182.90	33.82
28 46 21 33-2042	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSW)	182.90	33.82
28 46 21 33-2043		**Carbon Monoxide Detectors** *(28 46 21 33-1815)*		
28 46 21 33-2044	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	194.21	45.09
28 46 21 33-2045	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 VDC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	172.53	33.82
28 46 21 33-2046	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	12.34	4.51
28 46 21 33-2047		**Switches** *(28 46 21 33-1815)*		
28 46 21 33-2048	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	144.70	18.04
28 46 21 33-2049	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	161.28	18.04
28 46 21 33-2050	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	144.70	18.04
28 46 21 33-2051	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	161.28	18.04
28 46 21 33-2052	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	148.01	18.04
28 46 21 33-2053	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	139.72	18.04
28 46 21 33-2054		**Low Frequency Sounders** *(28 46 21 33-1815)*		
28 46 21 33-2055	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	132.32	33.82
28 46 21 33-2056	EA	White, Low Frequency Sounder (System Sensor HW-LF)	132.32	33.82
28 46 21 33-2057		**Sync Modules** *(28 46 21 33-1815)*		
28 46 21 33-2058	EA	Red, 12/24 VDC, Sync Module (System Sensor MDL3R)	115.57	22.55
28 46 21 33-2059	EA	White, 12/24 VDC, Sync Module (System Sensor MDL3W)	115.57	22.55
28 46 21 33-2060		**Relays** *(28 46 21 33-1815)*		
28 46 21 33-2061	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	66.50	18.04
28 46 21 33-2062	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	42.78	11.27
28 46 21 33-2063	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	120.40	11.27
28 46 21 33-2064	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	89.09	11.27
28 46 21 33-2065	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	71.23	18.04
28 46 21 33-2066	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	44.11	11.27
28 46 21 33-2067	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	135.32	11.27
28 46 21 33-2068	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	101.32	11.27
28 46 21 33-2069	EA	18 To 35 VDC, 18 To 35 VAC, 120 VAC, SPDT Multivoltage Relay (System Sensor PR-1)	37.48	11.27
28 46 21 33-2070	EA	10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-2)	37.48	11.27

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28 46 21 33-2071	EA	Redundant Power Input, 10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-3)	37.48	11.27
28 46 21 33-2072		**Remote Annunciator** *(28 46 21 33-1815)*		
28 46 21 33-2073	EA	Remote Annunciator (System Sensor RA100Z)	79.08	33.82
28 46 21 33-2074	EA	Remote LED Annunciator (System Sensor RA100ZA)	83.72	33.82
28 46 21 33-2075		**Remote Test Station** *(28 46 21 33-1815)*		
28 46 21 33-2076	EA	Remote Test Station With Key (System Sensor RTS151KEY)	104.26	33.82
28 46 21 33-2077		**Wheelock Fire Alarm** *(28 46 21 33)*		
28 46 21 33-2078		**Ceiling Mounted Chimes/Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2079	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 VDC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	211.92	33.82
28 46 21 33-2080		**Wall Mounted Chimes/Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2081	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	211.92	33.82
28 46 21 33-2082	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	211.92	33.82
28 46 21 33-2083		**Ceiling Mounted Horns/Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2084	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	134.81	33.82
28 46 21 33-2085	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	134.81	33.82
28 46 21 33-2086		**Wall Mounted Horns/Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2087	EA	Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	143.93	33.82
28 46 21 33-2088	EA	Red, 24 VDC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	162.17	33.82
28 46 21 33-2089	EA	Red, 24 VDC, Selectable Candela (15,,30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	151.39	33.82
28 46 21 33-2090	EA	White, 24 VDC, Selectable Candela (15,,30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	151.39	33.82
28 46 21 33-2091	EA	Red, Flush, 24 VAC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	154.71	33.82
28 46 21 33-2092	EA	Red, 24 VAC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	148.49	33.82
28 46 21 33-2093	EA	Red, 115 VAC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	148.07	33.82
28 46 21 33-2094	EA	Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	167.04	38.33
28 46 21 33-2095	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	135.22	33.82
28 46 21 33-2096	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	135.22	33.82
28 46 21 33-2097		**Ceiling Mounted Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2098	EA	Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	121.12	33.82
28 46 21 33-2099	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	121.12	33.82
28 46 21 33-2100	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	123.20	33.82
28 46 21 33-2101	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	123.20	33.82
28 46 21 33-2102		**Wall Mounted Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2103	EA	Red, Multi-Candela, 24 VDC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	183.73	33.82
28 46 21 33-2104	EA	Red, Retrofit Plate, 12 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	150.56	33.82
28 46 21 33-2105	EA	Red, 24 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	133.15	33.82
28 46 21 33-2106	EA	Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	124.85	33.82
28 46 21 33-2107	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	124.85	33.82
28 46 21 33-2108	EA	Red, Retrofit Plate, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	136.88	33.82
28 46 21 33-2109	EA	Outdoor, Red, 24 VDC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	141.34	38.33
28 46 21 33-2110	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	123.20	33.82
28 46 21 33-2111	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	123.20	33.82
28 46 21 33-2112		**Ceiling Mounted Speakers/Strobes** *(28 46 21 33-2077)*		
28 46 21 33-2113	EA	Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	160.51	33.82
28 46 21 33-2114	EA	White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	160.51	33.82
28 46 21 33-2115	EA	White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	158.85	33.82
28 46 21 33-2116	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	160.51	33.82
28 46 21 33-2117	EA	White, 24 VDC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	170.88	33.82
28 46 21 33-2118	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	174.61	33.82
28 46 21 33-2119		**Wall Mounted Speakers/Strobes** *(28 46 21 33-2077)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2120	EA	Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	176.27	33.82
28 46 21 33-2121	EA	White, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	176.27	33.82
28 46 21 33-2122	EA	Red, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	170.88	33.82
28 46 21 33-2123	EA	White, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	170.88	33.82
28 46 21 33-2124	EA	Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	160.51	33.82
28 46 21 33-2125	EA	White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	157.19	33.82
28 46 21 33-2126	EA	Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	170.88	33.82
28 46 21 33-2127	EA	White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	170.88	33.82
28 46 21 33-2128	EA	Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	174.61	33.82
28 46 21 33-2129	EA	Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	160.51	33.82
28 46 21 33-2130	EA	White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	157.19	33.82
28 46 21 33-2131	EA	Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	170.88	33.82
28 46 21 33-2132	EA	White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	174.61	33.82
28 46 21 33-2133	EA	Red, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	174.61	33.82
28 46 21 33-2134	EA	White, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	174.61	33.82
28 46 21 33-2135	EA	Weatherproof, Red, 24 VDC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	190.68	38.33

28 46 21 33-2136 Electric Alarm Bells *(28 46 21 33-2077)*

28 46 21 33-2137	EA	6", 24 VDC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	137.71	33.82
28 46 21 33-2138	EA	6", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	137.71	33.82
28 46 21 33-2139	EA	10", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	176.27	33.82
28 46 21 33-2140	EA	115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R)	1,163.74	38.33
28 46 21 33-2141	EA	Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R)	1,834.56	38.33
28 46 21 33-2142	EA	Vibrating, Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R)	1,714.33	38.33
28 46 21 33-2143	EA	6", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G6-24-R)	112.83	33.82
28 46 21 33-2144	EA	10", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G10-24-R)	132.32	33.82

28 46 21 33-2145 Horns *(28 46 21 33-2077)*

28 46 21 33-2146	EA	Two Wire, 24 VDC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R)	100.81	33.82
28 46 21 33-2147	EA	Red, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNR)	100.39	33.82
28 46 21 33-2148	EA	White, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNW)	100.39	33.82
28 46 21 33-2149	EA	Red, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNRC)	100.81	33.82
28 46 21 33-2150	EA	White, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNWC)	100.81	33.82
28 46 21 33-2151	EA	Red, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	86.71	33.82
28 46 21 33-2152	EA	White, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	86.71	33.82
28 46 21 33-2153	EA	Red, Flush, 12/24 VAC, Horn (Wheelock MT-12/24-R)	98.74	33.82

28 46 21 33-2154 Speakers *(28 46 21 33-2077)*

28 46 21 33-2155	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-R)	103.30	33.82
28 46 21 33-2156	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-W)	103.30	33.82
28 46 21 33-2157	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-R)	103.30	33.82
28 46 21 33-2158	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-W)	101.22	33.82
28 46 21 33-2159	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	103.30	33.82
28 46 21 33-2160	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	103.30	33.82
28 46 21 33-2161	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	103.30	33.82
28 46 21 33-2162	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	103.30	33.82
28 46 21 33-2163	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-R)	116.56	33.82
28 46 21 33-2164	EA	White, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-W)	116.56	33.82
28 46 21 33-2165	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watts Ceiling Mounted Speaker (Wheelock ET90-W)	118.22	33.82
28 46 21 33-2166	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	130.24	33.82
28 46 21 33-2167	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	124.85	33.82
28 46 21 33-2168	EA	Grey, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S)	232.65	33.82
28 46 21 33-2169	EA	Red, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR)	232.65	33.82

28 46 21 33-2170 Sync Modules *(28 46 21 33-2077)*

28 46 21 33-2171	EA	12 Or 24 VDC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	109.77	22.55

28 46 21 33-2172 Boxes, Plates And Rings *(28 46 21 33-2077)*

28 46 21 33-2173	EA	4" Square, Red, Surface Backbox (Wheelock BB-R)	30.22	11.27
28 46 21 33-2174	EA	Standard 4" Square Box (Wheelock BB-STD)	28.02	11.27
28 46 21 33-2175	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC)	149.57	22.55
28 46 21 33-2176	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	149.57	22.55
28 46 21 33-2177	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	111.53	18.04
28 46 21 33-2178	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	16.28	4.51
28 46 21 33-2179	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	16.07	4.51
28 46 21 33-2180	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	38.72	11.27
28 46 21 33-2181	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	37.06	11.27
28 46 21 33-2182	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	39.55	11.27
28 46 21 33-2183	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W)	39.55	11.27
28 46 21 33-2184	EA	4" Square Backbox (Wheelock DBB-R)	32.09	11.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2185	EA	Red, Surface Backbox (Wheelock IOB-R)	37.89	11.27
28 46 21 33-2186	EA	White, Surface, Backbox (Wheelock IOB-W)	37.89	11.27
28 46 21 33-2187	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	15.45	4.51
28 46 21 33-2188	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	16.07	4.51
28 46 21 33-2189	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	16.07	4.51
28 46 21 33-2190	EA	Red Retrofit Plate (Wheelock RP-R)	18.56	4.51
28 46 21 33-2191	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	26.43	4.51
28 46 21 33-2192	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R)	39.55	11.27
28 46 21 33-2193	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W)	39.55	11.27
28 46 21 33-2194	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	42.66	11.27
28 46 21 33-2195	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	16.69	4.51
28 46 21 33-2196	EA	White, Semi-Flush Plate (Wheelock SFB-W)	16.69	4.51
28 46 21 33-2197	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R)	34.99	11.27
28 46 21 33-2198	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W)	34.99	11.27
28 46 21 33-2199	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	22.91	4.51
28 46 21 33-2200	EA	Red, Weatherproof Backbox (Wheelock WBB)	49.08	11.27
28 46 21 33-2201	EA	Weather Resistant Backbox (Wheelock WBB-R)	39.55	11.27
28 46 21 33-2202	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	29.13	4.51
28 46 21 33-2203	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	29.13	4.51
28 46 21 33-2204	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	29.13	4.51
28 46 21 33-2205	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	29.13	4.51
28 46 21 33-2206	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT)	16.69	4.51
28 46 21 33-2207	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	41.62	11.27
28 46 21 33-2208	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	39.55	11.27

28 46 21 33-2209 Manual Pull Station *(28 46 21 33-2077)*

28 46 21 33-2210	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	83.59	22.55
28 46 21 33-2211	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	83.59	22.55
28 46 21 33-2212	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	626.44	22.55

28 46 21 33-2213 Potter Fire Alarm *(28 46 21 33)*

28 46 21 33-2214 Electric Alarm Bells *(28 46 21 33-2213)*

28 46 21 33-2215	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	87.59	33.82
28 46 21 33-2216	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	93.89	33.82
28 46 21 33-2217	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	97.04	33.82
28 46 21 33-2218	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	87.59	33.82
28 46 21 33-2219	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	93.89	33.82
28 46 21 33-2220	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	97.04	33.82
28 46 21 33-2221	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	92.94	33.82
28 46 21 33-2222	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	95.96	33.82
28 46 21 33-2223	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	113.77	33.82
28 46 21 33-2224	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	88.50	33.82
28 46 21 33-2225	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	95.96	33.82
28 46 21 33-2226	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	102.20	33.82

28 46 21 33-2227 Manual Pull Station *(28 46 21 33-2213)*

28 46 21 33-2228	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	62.95	22.55
28 46 21 33-2229	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	65.81	22.55
28 46 21 33-2230	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	98.01	22.55
28 46 21 33-2231	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	67.59	22.55
28 46 21 33-2232	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	64.57	22.55
28 46 21 33-2233	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	108.08	22.55
28 46 21 33-2234	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	132.10	22.55

28 46 21 33-2235 Fire Alarm Terminal Cabinets *(28 46 21 33)*

28 46 21 33-2236	EA	18 Point Lockable Fire Alarm Terminal Cabinet	157.48	45.16
28 46 21 33-2237	EA	32 Point Lockable Fire Alarm Terminal Cabinet	197.78	45.16
28 46 21 33-2238	EA	64 Point Lockable Fire Alarm Terminal Cabinet	278.39	45.16
28 46 21 33-2239	EA	128 Point Lockable Fire Alarm Terminal Cabinet	358.97	45.16

28 46 21 33-2240 Test And Certification *(28 46 21 33)*

28 46 21 33-2241	DAY	Test And Certification For Tie Into Existing Systems	719.19	
28 46 21 33-2242	HR	Test And Certification Of Fire Alarm System Note: GCC Programming and Engineering; Programming of the Fire Alarm System.	127.45	

28 49 Electronic Personal Protection Systems *(28 40)*

28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	12,626.96	723.75
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	96.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 11 00-0004	EA	Lapel Reader	37.26	
28 49 11 00-0005	EA	IR Locator	151.06	27.10
28 49 11 00-0006	EA	Repeaters And Receivers	381.88	90.32

28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	207.01	54.19
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	245.03	63.23
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	246.59	63.23

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	149.03	33.87
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	141.89	27.10
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	73.86	27.10
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	117.74	27.10
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	133.43	27.10
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	149.70	27.10
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	202.03	27.10
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	224.55	27.10

28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	93.55	27.10
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	130.94	27.10
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	167.04	27.10
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	168.01	9.03
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	134.28	27.10
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	155.87	27.10
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	254.26	27.10
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	128.34	27.10
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	142.78	9.03
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	218.13	9.03
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	222.76	9.03
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	291.96	9.03

END OF SECTION 28

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

31 Earthwork

31 05 Common Work Results For Earthwork *(31)*

31 05 13 Soils For Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Sand, Bank Run	57.04	
		For Up To 10, Add	*16.52*	
		For >10 To 25, Add	*5.70*	
31 05 13 00-0003	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	59.42	
		For Up To 10, Add	*17.23*	
		For >10 To 25, Add	*5.94*	
31 05 13 00-0004	CY	Native Clean Fill Soil/Dirt - Common	35.17	
		For Up To 10, Add	*9.96*	
		For >10 To 25, Add	*3.52*	
31 05 13 00-0005	CY	Crushed Lime Rock Maximum 3-1/2"	35.14	
		For Up To 10, Add	*9.95*	
		For >10 To 25, Add	*3.51*	
31 05 13 00-0006	CY	Asphalt Sand	52.90	
		For Up To 10, Add	*15.27*	
		For >10 To 25, Add	*5.29*	
31 05 13 00-0007	CY	Sand/Clay	55.73	
		For Up To 10, Add	*16.12*	
		For >10 To 25, Add	*5.57*	
31 05 13 00-0008	CY	Recycled Concrete Aggregate	75.50	
		For Up To 10, Add	*22.05*	
		For >10 To 25, Add	*7.55*	
31 05 13 00-0009	CY	Sand Fill, Washed Aggregate	79.05	
		For Up To 10, Add	*23.12*	
		For >10 To 25, Add	*7.91*	
31 05 13 00-0010	CY	Pond Sand	31.01	
		For Up To 10, Add	*8.71*	
		For >10 To 25, Add	*3.10*	

31 05 16 Aggregates For Earthwork *(31 05)*

See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean)	59.85	
		For Up To 10, Add	*17.36*	
		For >10 To 25, Add	*5.99*	
31 05 16 00-0003	CY	#3 Stone Aggregate Fill (1" To 2" Clean)	51.35	
		For Up To 10, Add	*14.81*	
		For >10 To 25, Add	*5.14*	
31 05 16 00-0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	52.43	
		For Up To 10, Add	*15.13*	
		For >10 To 25, Add	*5.24*	
31 05 16 00-0005	CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	57.54	
		For Up To 10, Add	*16.67*	
		For >10 To 25, Add	*5.75*	
31 05 16 00-0006	CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	58.58	
		For Up To 10, Add	*16.98*	
		For >10 To 25, Add	*5.86*	
31 05 16 00-0007	CY	#56 Stone Aggregate Fill (3/8" To 1")	60.68	
		For Up To 10, Add	*17.61*	
		For >10 To 25, Add	*6.07*	
31 05 16 00-0008	CY	#57 Stone Aggregate Fill (#4 To 1")	61.92	
		For Up To 10, Add	*17.98*	
		For >10 To 25, Add	*6.19*	
31 05 16 00-0009	CY	#67 Or #68 Stone Aggregate Fill (#4 To 3/4")	63.09	
		For Up To 10, Add	*18.33*	
		For >10 To 25, Add	*6.31*	
31 05 16 00-0010	CY	#7 Stone Aggregate Fill (1/2" To #4)	63.30	
		For Up To 10, Add	*18.39*	
		For >10 To 25, Add	*6.33*	
31 05 16 00-0011	CY	#78 Stone Aggregate Fill (#8 To 1/2")	65.41	
		For Up To 10, Add	*19.03*	
		For >10 To 25, Add	*6.54*	
31 05 16 00-0012	CY	#8 Stone Aggregate Fill (3/8" x 1/8")	67.51	
		For Up To 10, Add	*19.66*	
		For >10 To 25, Add	*6.75*	
31 05 16 00-0013	CY	#89 Stone Aggregate Fill (#16 To 3/8")	67.84	
		For Up To 10, Add	*19.76*	
		For >10 To 25, Add	*6.78*	
31 05 16 00-0014	CY	#9 Stone Aggregate Fill (1/4" Clean)	68.17	
		For Up To 10, Add	*19.86*	
		For >10 To 25, Add	*6.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0015	CY	#10 Stone Aggregate Fill (#8 To 3/4)	71.36	
		For Up To 10, Add	*20.81*	
		For >10 To 25, Add	*7.14*	
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (#16 To 3/4")	64.97	
		For Up To 10, Add	*18.90*	
		For >10 To 25, Add	*6.50*	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill	49.42	
		For Up To 10, Add	*14.23*	
		For >10 To 25, Add	*4.94*	
31 05 16 00-0018	CY	Stone Aggregate Fill, Random Size, Over 6" To 12"	72.96	
		For Up To 10, Add	*21.29*	
		For >10 To 25, Add	*7.30*	
31 05 16 00-0019	CY	Graded Stone Aggregate Fill, Over 6" To 12"	82.14	
		For Up To 10, Add	*24.05*	
		For >10 To 25, Add	*8.21*	
31 05 16 00-0020	CY	Surge Stone Aggregate Fill (3" To 7" Random)	62.96	
		For Up To 10, Add	*18.29*	
		For >10 To 25, Add	*6.30*	
31 05 16 00-0021	CY	Surge Stone Graded Aggregate Fill (3" To 7")	75.14	
		For Up To 10, Add	*21.95*	
		For >10 To 25, Add	*7.51*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	59.55	
		For Up To 10, Add	*17.27*	
		For >10 To 25, Add	*5.96*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	57.46	
		For Up To 10, Add	*16.64*	
		For >10 To 25, Add	*5.75*	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	50.32	
		For Up To 10, Add	*14.50*	
		For >10 To 25, Add	*5.03*	

31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing And Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	6,318.09
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	1,565.89
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	7,371.11
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	2,609.80
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,376.26
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	2,966.04
31 11 00 00-0008	ACR	Clearing By Machine - Light Brush Without Grub	245.89
31 11 00 00-0009	ACR	Clearing By Machine - Medium Brush Without Grub	505.17
31 11 00 00-0010	ACR	Clearing By Machine - Heavy Brush Without Grub	713.59
31 11 00 00-0011	ACR	Chipping - Light Brush	1,965.98
31 11 00 00-0012	ACR	Chipping - Medium Brush	2,527.81
31 11 00 00-0013	ACR	Chipping - Heavy Brush	3,539.27

31 11 00 00-0014 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0037 for hauling.

31 11 00 00-0015	CY	Machine Loading Of Cleared And Grubbed Material	8.54
31 11 00 00-0016	CY	Chute Loading Of Cleared And Grubbed Material	10.25
31 11 00 00-0017	CY	Hand Loading Of Cleared And Grubbed Material	30.93
31 11 00 00-0018	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	24.29

31 13 Selective Tree And Shrub Removal And Trimming *(31 10)*

31 13 13 Selective Tree And Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	460.70
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	691.04
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	921.39
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,382.09
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,842.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0007		**Stump Removal** *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0008		**Stump Removal By Machine** *(31 13 13 00-0007)*		
31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	78.29	
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	150.07	
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	195.74	
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	293.61	
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	345.83	
31 13 13 00-0014		**Stump Removal By Hand** *(31 13 13 00-0007)*		
31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	485.86	
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	607.33	
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	890.74	
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,214.65	
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,619.54	
31 13 13 00-0020		**Stump Grinding** *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0021		**Stump Grinding, 18" Deep Below Surface Of Soil** *(31 13 13 00-0020)* Note: Level soil to match existing surface area.		
31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree	89.71	
		For 24" Depth, Add	*17.94*	
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree	119.62	
		For 24" Depth, Add	*23.92*	
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree	134.57	
		For 24" Depth, Add	*26.91*	
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree	149.51	
		For 24" Depth, Add	*29.90*	
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree	160.73	
		For 24" Depth, Add	*32.15*	
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree	171.94	
		For 24" Depth, Add	*34.39*	
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree	186.89	
		For 24" Depth, Add	*37.38*	
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree	202.82	
		For 24" Depth, Add	*40.56*	
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree	225.36	
		For 24" Depth, Add	*45.07*	
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree	240.38	
		For 24" Depth, Add	*48.08*	
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree	270.43	
		For 24" Depth, Add	*54.09*	
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree	300.48	
		For 24" Depth, Add	*60.10*	
31 13 13 00-0034		**Shrub Removal** *(31 13 13)*		
31 13 13 00-0035	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	35.38	
31 13 13 00-0036	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	55.48	
31 13 13 00-0037	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	64.33	
31 13 13 00-0038	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	96.49	
31 13 13 00-0039	EA	Removal Of 12" To 15" Shrub, Deciduous	17.69	
31 13 13 00-0040	EA	Removal Of 18" To 24" Shrub, Deciduous	27.33	
31 13 13 00-0041	EA	Removal Of 2' To 3' Shrub, Deciduous	35.38	
31 13 13 00-0042	EA	Removal Of 3' To 4' Shrub, Deciduous	38.60	
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Evergreen	35.38	
31 13 13 00-0044	EA	Removal Of 24" To 30" Shrub, Evergreen	38.60	
31 13 13 00-0045	EA	Removal Of 30" To 36" Shrub, Evergreen	55.48	
31 13 13 00-0046	EA	Removal Of 36" To 42" Shrub, Evergreen	96.48	
31 13 16		**Selective Tree And Shrub Trimming** *(31 13)*		
31 13 16 00-0001		**Tree Trimming For Pole Line Construction And Maintenance** *(31 13 16)* Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.		
31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.53	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.29	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	2.68	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation And Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	8.29
		For Excavation In Light Material (Class A), Deduct	*-1.04*
		For Excavation In Heavy/Wet Material (Class C), Add	*3.32*
		For Up To 20, Add	*6.63*
		For >20 To 50, Add	*4.15*
		For >50 To 250, Add	*2.07*
		For >500 To 1,000, Deduct	*-1.24*
		For >1,000, Deduct	*-2.49*
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	5.32
		For Excavation In Light Material (Class A), Deduct	*-0.67*
		For Excavation In Heavy/Wet Material (Class C), Add	*2.13*
		For Up To 20, Add	*4.26*
		For >20 To 50, Add	*2.66*
		For >50 To 250, Add	*1.33*
		For >500 To 1,000, Deduct	*-0.80*
		For >1,000, Deduct	*-1.60*
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	13.73
		For Up To 20, Add	*10.98*
		For >20 To 50, Add	*6.87*
		For >50 To 250, Add	*3.43*
		For >500 To 1,000, Deduct	*-2.06*
		For >1,000, Deduct	*-4.12*
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	9.45
		For Up To 20, Add	*7.56*
		For >20 To 50, Add	*4.73*
		For >50 To 250, Add	*2.36*
		For >500 To 1,000, Deduct	*-1.42*
		For >1,000, Deduct	*-2.84*

31 23 16 13-0006 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0007	LF	Direct Burial of Cable or Piping up to 12" Deep	1.80
31 23 16 13-0008	LF	Direct Burial of Cable or Piping >12" to 24" Deep	1.97
31 23 16 13-0009	LF	Direct Burial of Cable or Piping >24" to 36" Deep	2.81
31 23 16 13-0010	LF	Direct Burial of Cable or Piping >36" to 48" Deep	3.17

31 23 16 13-0011 Excavation For Trenching By Hand *(31 23 16 13)*

31 23 16 13-0012	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	102.05
31 23 16 13-0013	CY	Excavation For Trenching By Hand In Loose Rock Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	175.05

31 23 16 13-0014 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0015	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	2.96
		For Up To 20, Add	*2.37*
		For >20 To 50, Add	*1.48*
		For >50 To 250, Add	*0.74*
		For >500 To 1,000, Deduct	*-0.44*
		For >1,000, Deduct	*-0.89*
31 23 16 13-0016	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	28.35

31 23 16 13-0017 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0018	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	5.91	
		For Up To 20, Add	*4.73*	
		For >20 To 50, Add	*2.96*	
		For >50 To 250, Add	*1.48*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.77*	
31 23 16 13-0019	CY	Compaction of Fill or Subbase for Trenches by Hand	31.97	

31 23 16 13-0020 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.

31 23 16 13-0021	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	5.15	
		For Up To 20, Add	*4.12*	
		For >20 To 50, Add	*2.58*	
		For >50 To 250, Add	*1.29*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.55*	
31 23 16 13-0022	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	74.83	

31 23 16 13-0023 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up.

31 23 16 13-0024	CY	Spread Excess Or Imported Material On Site With Machine	2.43	
		For Up To 20, Add	*1.94*	
		For >20 To 50, Add	*1.22*	
		For >50 To 250, Add	*0.61*	
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.73*	

31 23 16 13-0025 Utility Chain Trencher *(31 23 16 13)*

31 23 16 13-0026 Utility Trench, Chain Trencher *(31 23 16 13-0025)*

Note: Earth left adjacent to trench.

31 23 16 13-0027	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.01
31 23 16 13-0028	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.10
31 23 16 13-0029	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.15
31 23 16 13-0030	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.21
31 23 16 13-0031	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.32
31 23 16 13-0032	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.51
31 23 16 13-0033	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	1.81
31 23 16 13-0034	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.71
31 23 16 13-0035	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.01
31 23 16 13-0036	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.29
31 23 16 13-0037	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.71

31 23 16 13-0038 Backfill Trenches With Compaction *(31 23 16 13-0025)*

31 23 16 13-0039	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.16
31 23 16 13-0040	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.24
31 23 16 13-0041	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.32
31 23 16 13-0042	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.24
31 23 16 13-0043	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.32
31 23 16 13-0044	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.49
31 23 16 13-0045	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	0.70
31 23 16 13-0046	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.32
31 23 16 13-0047	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.49
31 23 16 13-0048	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.65
31 23 16 13-0049	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	0.98

31 23 16 26 Rock Removal *(31 23 16)*

31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	19.76
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	21.07
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	25.02

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	7.60	
		For Excavation In Light Material (Class A), Deduct	*-0.95*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.04*	
		For >1,000, Deduct	*-1.14*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	4.29	
		For Excavation In Light Material (Class A), Deduct	*-0.54*	
		For Excavation In Heavy/Wet Material (Class C), Add	*1.72*	
		For >1,000, Deduct	*-0.64*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock	9.35	
		For >1,000, Deduct	*-1.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock	5.28	
		For >1,000, Deduct	*-0.79*	

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*

Note: Imported or stockpiled material for bulk excavation.

31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine	4.69	
		For >1,000, Deduct	*-0.70*	

31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	5.21	
		For >1,000, Deduct	*-0.78*	

31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'	4.17	
		For >1,000, Deduct	*-0.63*	
31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'	6.25	
		For >1,000, Deduct	*-0.94*	
31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'	9.38	
		For >1,000, Deduct	*-1.41*	
31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'	12.51	
		For >1,000, Deduct	*-1.88*	

31 23 16 33-0015 Finish Grading *(31 23 16 33)*

Note: For bulk excavation.

31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine	0.52	

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*

Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.

31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.53	

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.

31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation	4.24	
		For >1,000, Deduct	*-0.64*	

31 23 16 36 Excavation For Building Foundations And Other Structures *(31 23 16)*

Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*

Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil	6.98	
		For Excavation In Light Material (Class A), Deduct	*-0.87*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.79*	
		For Up To 20, Add	*6.98*	
		For >20 To 50, Add	*5.24*	
		For >50 To 250, Add	*2.79*	
		For >250 To 500, Add	*1.05*	
31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock	8.57	
		For Up To 20, Add	*8.57*	
		For >20 To 50, Add	*6.43*	
		For >50 To 250, Add	*3.43*	
		For >250 To 500, Add	*1.29*	

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil	5.15	
		For Excavation In Light Material (Class A), Deduct	*-0.64*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.06*	
		For Up To 20, Add	*5.15*	
		For >20 To 50, Add	*3.86*	
		For >50 To 250, Add	*2.06*	
		For >250 To 500, Add	*0.77*	
31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock	6.14	
		For Up To 20, Add	*6.14*	
		For >20 To 50, Add	*4.61*	
		For >50 To 250, Add	*2.46*	
		For >250 To 500, Add	*0.92*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0008		**Excavation For Building Foundations And Other Structures By Hand** *(31 23 16 36-0001)*		
		Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	102.05	
		For Excavation In Light Material (Class A), Deduct	*-12.76*	
		For Excavation In Heavy/Wet Material (Class C), Add	*40.82*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock	175.05	
31 23 16 36-0011		**Relocating On Site Excavated Material From Excavation** *(31 23 16 36)*		
		Note: For building foundations and other structures over 100'.		
31 23 16 36-0012	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300'	4.17	
		For Up To 20, Add	*4.17*	
		For >20 To 50, Add	*3.13*	
		For >50 To 250, Add	*1.67*	
		For >250 To 500, Add	*0.63*	
31 23 16 36-0013	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500'	6.25	
		For Up To 20, Add	*6.25*	
		For >20 To 50, Add	*4.69*	
		For >50 To 250, Add	*2.50*	
		For >250 To 500, Add	*0.94*	
31 23 16 36-0014	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000'	9.38	
		For Up To 20, Add	*9.38*	
		For >20 To 50, Add	*7.04*	
		For >50 To 250, Add	*3.75*	
		For >250 To 500, Add	*1.41*	
31 23 16 36-0015	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000'	12.51	
		For Up To 20, Add	*12.51*	
		For >20 To 50, Add	*9.38*	
		For >50 To 250, Add	*5.00*	
		For >250 To 500, Add	*1.88*	
31 23 16 36-0016		**Backfilling** *(31 23 16 36)*		
		Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	3.40	
		For Up To 20, Add	*3.40*	
		For >20 To 50, Add	*2.55*	
		For >50 To 250, Add	*1.36*	
		For >250 To 500, Add	*0.51*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	3.99	
		For Up To 20, Add	*3.99*	
		For >20 To 50, Add	*2.99*	
		For >50 To 250, Add	*1.60*	
		For >250 To 500, Add	*0.60*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	48.59	
31 23 16 36-0020		**Compaction Of Fill Or Subbase** *(31 23 16 36)*		
		Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.		
31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	9.35	
		For Up To 20, Add	*9.35*	
		For >20 To 50, Add	*7.01*	
		For >50 To 250, Add	*3.74*	
		For >250 To 500, Add	*1.40*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	31.98	
31 23 16 36-0023		**Grading** *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	0.90	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.45	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	9.45	
31 23 16 36-0027		**Loading Excess Material For Removal From Excavation** *(31 23 16 36)*		
		Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	4.42	
		For Up To 20, Add	*4.42*	
		For >20 To 50, Add	*3.32*	
		For >50 To 250, Add	*1.77*	
		For >250 To 500, Add	*0.66*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	74.83	
31 23 16 36-0030		**Spread Material** *(31 23 16 36)*		
		Note: For building foundations and other structures.		
31 23 16 36-0031	CY	Spread Excess Or Imported Material On Site By Machine	2.43	
		For Up To 20, Add	*2.43*	
		For >20 To 50, Add	*1.82*	
		For >50 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.36*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material On Site By Hand	41.30	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 16 49 Vacuum Excavation *(31 23 16)*

31 23 16 49-0001 Vacuum Excavation (Potholing) *(31 23 16 49)*
Note: Includes grade down measurement, backfill and surface restoration.

31 23 16 49-0002	EA	Initial Set Up And Final Equipment Removal For Vacuum Excavation	337.36	
31 23 16 49-0003	EA	Vacuum Excavation Note: For first hole.	316.27	
		For Each Additional Hole At Site, Add	*158.14*	
31 23 16 49-0004	EA	Vacuum Excavation Minimum Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,889.21	

31 23 19 Dewatering *(31 23)*

31 23 19 00-0001 Well Point Dewatering System *(31 23 19)*

31 23 19 00-0002 Delivery, Installation And Removal Cost *(31 23 19 00-0001)*
Note: Priced by linear foot of header used.

31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	100.51	
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	55.28	
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	50.25	
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	45.23	
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	40.20	
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	35.17	

31 23 19 00-0009 Well Point Dewatering System Rental *(31 23 19 00-0001)*
Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	1.10	
		For >5 Days And <1 Month, Deduct		*-0.24*
		For >1 Month, Deduct		*-0.31*
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	0.64	
		For >5 Days And <1 Month, Deduct		*-0.14*
		For >1 Month, Deduct		*-0.18*
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.46	
		For >5 Days And <1 Month, Deduct		*-0.10*
		For >1 Month, Deduct		*-0.13*
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.34	
		For >5 Days And <1 Month, Deduct		*-0.07*
		For >1 Month, Deduct		*-0.10*
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.31	
		For >5 Days And <1 Month, Deduct		*-0.07*
		For >1 Month, Deduct		*-0.09*

31 23 19 00-0015 Well Point Dewatering System Operation Costs *(31 23 19 00-0001)*
Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR	Operation Costs	92.88	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001 Compaction Water, Water Truck And Operator *(31 23 23 23)*

31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1170 for water truck when water is available on site.	149.62	

31 23 23 33 Flowable Fill *(31 23 23)*

31 23 23 33-0001 Flowable Cement Backfill For Trenches *(31 23 23 33)*
Note: Includes compaction and restoration of final grade.

31 23 23 33-0002	CY	Flowable Cement Backfill for Trenches	80.41	
		For Up To 20, Add		*35.58*
		For >20 To 50, Add		*22.96*
		For >50 To 250, Add		*11.48*
		For >500 To 1,000, Deduct		*-6.31*
		For >1,000, Deduct		*-12.62*

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 24 13 00-0001 Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)*

Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.

31 24 13 00-0002 Cutting, Shaping And Rough Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.

31 24 13 00-0003 Cutting, Shaping, And Rough Grading By Machine *(31 24 13 00-0002)*

31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	5.21
		For Up To 20, Add	*5.21*
		For >20 To 50, Add	*3.91*
		For >50 To 250, Add	*2.08*
		For >250 To 500, Add	*0.78*
		For >1,000, Deduct	*-0.78*
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	6.47
		For Up To 20, Add	*6.47*
		For >20 To 50, Add	*4.85*
		For >50 To 250, Add	*2.59*
		For >250 To 500, Add	*0.97*
		For >1,000, Deduct	*-0.97*

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	5.24
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	6.80

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	4.82
		For Up To 20, Add	*2.41*
		For >20 To 50, Add	*1.21*
		For >250 To 500, Deduct	*-0.48*
		For >500, Deduct	*-0.96*

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments	9.38
		For Up To 20, Add	*9.38*
		For >20 To 50, Add	*7.04*
		For >50 To 250, Add	*3.75*
		For >250 To 500, Add	*1.41*
		For >1,000, Deduct	*-1.41*
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments	12.51
		For Up To 20, Add	*12.51*
		For >20 To 50, Add	*9.38*
		For >50 To 250, Add	*5.00*
		For >250 To 500, Add	*1.88*
		For >1,000, Deduct	*-1.88*

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments	5.74
		For Up To 20, Add	*5.74*
		For >20 To 50, Add	*4.31*
		For >50 To 250, Add	*2.30*
		For >250 To 500, Add	*0.86*
		For >1,000, Deduct	*-0.86*

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.59
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.78
31 24 13 00-0019	LF	Finish Grade For Curb	0.88
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.07

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.53
		For Up To 250, Add	*0.53*
		For >250 To 500, Add	*0.40*
		For >500 To 1,000, Add	*0.21*
		For >5,000, Deduct	*-0.08*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*
Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine		4.24	
		For Up To 20, Add		*4.24*	
		For >20 To 50, Add		*3.18*	
		For >50 To 250, Add		*1.70*	
		For >250 To 500, Add		*0.64*	
		For >1,000, Deduct		*-0.64*	

31 25 Erosion And Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures For Erosion And Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	39.52
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	35.79
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	32.63
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	30.82

31 25 14 16 Rolled Erosion Control Mats And Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	1.35
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	1.59
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	1.31
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	1.35
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	1.25

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	1.70
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	2.08
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	1.52
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	1.56
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	1.63

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*
Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	8.44
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	7.84
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	6.41

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	1.45

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	6.02
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	8.54

31 25 14 23 Stabilization Measures For Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 25 14 23-0001 Turbidity Curtain *(31 25 14 23)*
Note: Type 2 curtain.

31 25 14 23-0002	LF	3' High Turbidity Curtain	16.73
31 25 14 23-0003	LF	4' High Turbidity Curtain	18.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0004	LF	5' High Turbidity Curtain	19.93	
31 25 14 23-0005	LF	6' High Turbidity Curtain	21.52	
31 25 14 23-0006	LF	7' High Turbidity Curtain	22.59	
31 25 14 23-0007	LF	8' High Turbidity Curtain	23.65	
31 25 14 23-0008	LF	9' High Turbidity Curtain	24.90	
31 25 14 23-0009	LF	10' High Turbidity Curtain	26.55	
31 25 14 23-0010	LF	12' High Turbidity Curtain	27.90	
31 25 14 23-0011	LF	13' High Turbidity Curtain	29.68	
31 25 14 23-0012	LF	14' High Turbidity Curtain	31.36	
31 25 14 23-0013	LF	15' High Turbidity Curtain	32.97	
31 25 14 23-0014	LF	16' High Turbidity Curtain	35.78	
31 25 14 23-0015	LF	17' High Turbidity Curtain	37.53	
31 25 14 23-0016	LF	18' High Turbidity Curtain	39.24	
31 25 14 23-0017	LF	19' High Turbidity Curtain	41.04	
31 25 14 23-0018	LF	20' High Turbidity Curtain	42.80	

31 25 14 23-0019 Sand And Gravel Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0020	BAG	50 LB Capacity Nylon Or Poly Sand Bag With Sand	5.64	2.15
		For >2,500 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.99*	
31 25 14 23-0021	BAG	50 LB Capacity Biodegradable Burlap Sand Bag With Sand	5.91	
		For >2,500 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-1.02*	
31 25 14 23-0022	BAG	33 LB Capacity Nylon Or Poly Bag With 5/16" To 3/4" Gravel	4.37	1.42
		For >2,500 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.72*	

31 25 14 23-0023 Filter Bags *(31 25 14 23)*

31 25 14 23-0024 Non-Woven Filter Bags *(31 25 14 23-0023)*

31 25 14 23-0025	EA	6' x 15' Non-Woven Filter Bag	133.52
31 25 14 23-0026	EA	13' x 15' Non-Woven Filter Bag	192.59
31 25 14 23-0027	EA	15' x 15' Non-Woven Filter Bag	222.14

31 25 14 23-0028 Monofilament Filter Bags *(31 25 14 23-0023)*

31 25 14 23-0029	EA	5' x 15' Monofilament Filter Bag	138.60
31 25 14 23-0030	EA	10' x 15' Monofilament Filter Bag	191.17

31 25 14 23-0031 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 25 14 23-0032	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	26.83	
		For >500 To 1,000, Add	*3.55*	
		For Up To 500, Add	*6.23*	
31 25 14 23-0033	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	30.31	
		For >500 To 1,000, Add	*3.98*	
		For Up To 500, Add	*7.01*	
31 25 14 23-0034	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	34.32	
		For >500 To 1,000, Add	*4.47*	
		For Up To 500, Add	*7.91*	
31 25 14 23-0035	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	38.55	
		For >500 To 1,000, Add	*5.01*	
		For Up To 500, Add	*8.87*	
31 25 14 23-0036	SF	4.75" Closed Cell Articulated Concrete Block	28.26	
		For >500 To 1,000, Add	*3.69*	
		For Up To 500, Add	*6.52*	
31 25 14 23-0037	SF	6" Closed Cell Articulated Concrete Block	32.02	
		For >500 To 1,000, Add	*4.15*	
		For Up To 500, Add	*7.35*	
31 25 14 23-0038	SF	7.5" Closed Cell Articulated Concrete Block	36.35	
		For >500 To 1,000, Add	*4.68*	
		For Up To 500, Add	*8.31*	
31 25 14 23-0039	SF	9" Closed Cell Articulated Concrete Block	40.87	
		For >500 To 1,000, Add	*5.24*	
		For Up To 500, Add	*9.33*	

31 25 14 26 Stabilization Measures For Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	2.20
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	1.69
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	1.20
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	1.02

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	2.10
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	1.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	1.13	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	1.06	
31 25 14 26-0012		Silt Dike Barrier *(31 25 14 26-0001)*		
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	2.38	
31 25 14 26-0014		Silt Fences Removal *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	0.68	
31 25 14 26-0016		Hay And Straw Bales *(31 25 14 26)*		
		Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterlized Straw Bales	3.89	
		Note: Includes securing in ground with stakes.		
31 25 14 26-0018	LF	Place Hay Bales	3.59	
		Note: Includes securing in ground with stakes.		
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales	1.21	
		Note: Includes removal of stakes.		
31 25 14 26-0020		Sediment Logs (Degradable) *(31 25 14 26)*		
31 25 14 26-0021		Sediment Logs (Degradable) *(31 25 14 26-0020)*		
		Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	12" Sediment Log	6.59	
31 25 14 26-0023	LF	20" Sediment Log	7.68	
31 25 14 26-0024		Wattles (Degradable) *(31 25 14 26-0020)*		
		Note: Includes trench for placement, 24" wood staking at 4' O.C.		
31 25 14 26-0025	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	121.31	
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	113.88	
31 25 14 26-0027		Inlet Protection Sediment Bags *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0028	EA	2' x 2' x 3' Inlet Protection Sediment Bag	41.61	
31 25 14 26-0029	EA	2' x 3' x 3' Inlet Protection Sediment Bag	51.41	
31 25 14 26-0030	EA	2' x 4' x 3' Inlet Protection Sediment Bag	62.64	
31 25 14 26-0031		Clean Sediment Logs/Wattles *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0032	EA	Clean Sediment Logs/Wattles	68.04	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001 Commercial Use *(31 31 16 13)*

31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.69	
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls	0.69	
31 31 16 13-0004		Residential Use *(31 31 16 13)*		
31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	0.68	
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	0.93	

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001 Soil Sterilants *(31 31 19 13)*

31 31 19 13-0002	MSF	Soil Sterilant	19.15	
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
		For >45 To 90, Deduct	*-0.36*	
		For >90 To 225, Deduct	*-1.68*	
		For >225, Deduct	*-2.41*	

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001 Cementitious Soil Binder *(31 32 13 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	26.20	
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	29.34	
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	34.52	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	39.62	

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	25.69	
31 32 13 19-0003	TON	Cement Stabilized Base Material	88.19	
31 32 13 19-0004	CWT	Lime For Soil Stabilization	14.18	
		Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	12.72	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	3.00	

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	8.85	
		For 4% Lime Instead Of 5%, Deduct		*-0.25*
		For 6% Lime Instead Of 5%, Add		*0.25*
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	10.26	
		For 4% Lime Instead Of 5%, Deduct		*-0.29*
		For 6% Lime Instead Of 5%, Add		*0.29*
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	11.72	
		For 4% Lime Instead Of 5%, Deduct		*-0.33*
		For 6% Lime Instead Of 5%, Add		*0.33*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	1.59	

31 32 19 Geosynthetic Soil Stabilization And Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Oz/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	2.27	
		For Up To 50, Add		*0.54*
		For >50 To 150, Add		*0.40*
		For >150 To 250, Add		*0.26*
		For >250 To 500, Add		*0.13*
31 32 19 13-0003	SY	6.9 Oz/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	2.59	
		For Up To 50, Add		*0.61*
		For >50 To 150, Add		*0.45*
		For >150 To 250, Add		*0.29*
		For >250 To 500, Add		*0.14*
31 32 19 13-0004	SY	8.7 Oz/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	2.81	
		For Up To 50, Add		*0.66*
		For >50 To 150, Add		*0.48*
		For >150 To 250, Add		*0.31*
		For >250 To 500, Add		*0.16*
31 32 19 13-0005	SY	12.6 Oz/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	3.99	
		For Up To 50, Add		*0.89*
		For >50 To 150, Add		*0.66*
		For >150 To 250, Add		*0.43*
		For >250 To 500, Add		*0.22*
31 32 19 13-0006	SY	14.1 Oz/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	4.56	
		For Up To 50, Add		*1.01*
		For >50 To 150, Add		*0.75*
		For >150 To 250, Add		*0.49*
		For >250 To 500, Add		*0.25*
31 32 19 13-0007	SY	4.3 Oz/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	2.31	
		For Up To 50, Add		*0.55*
		For >50 To 150, Add		*0.40*
		For >150 To 250, Add		*0.26*
		For >250 To 500, Add		*0.13*
31 32 19 13-0008	SY	5.9 Oz/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	3.35	
		For Up To 50, Add		*0.76*
		For >50 To 150, Add		*0.56*
		For >150 To 250, Add		*0.37*
		For >250 To 500, Add		*0.18*

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	0.72	
		For Up To 50, Add	*0.18*	
		For >50 To 150, Add	*0.13*	
		For >150 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0003	SY	3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	0.77	
		For Up To 50, Add	*0.19*	
		For >50 To 150, Add	*0.14*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
31 32 19 16-0004	SY	4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	0.83	
		For Up To 50, Add	*0.20*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0005	SY	4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	0.88	
		For Up To 50, Add	*0.21*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0006	SY	6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	1.04	
		For Up To 50, Add	*0.24*	
		For >50 To 150, Add	*0.18*	
		For >150 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.06*	
31 32 19 16-0007	SY	7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	1.22	
		For Up To 50, Add	*0.29*	
		For >50 To 150, Add	*0.21*	
		For >150 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.07*	
31 32 19 16-0008	SY	8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	1.34	
		For Up To 50, Add	*0.31*	
		For >50 To 150, Add	*0.23*	
		For >150 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
31 32 19 16-0009	SY	10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	1.64	
		For Up To 50, Add	*0.37*	
		For >50 To 150, Add	*0.27*	
		For >150 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.09*	

31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

31 32 19 16-0011	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	1.02	
		For Up To 50, Add	*0.24*	
		For >50 To 150, Add	*0.18*	
		For >150 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.06*	
31 32 19 16-0012	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	1.41	
		For Up To 50, Add	*0.32*	
		For >50 To 150, Add	*0.23*	
		For >150 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.08*	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	2.46	
		For Up To 50, Add	*0.53*	
		For >50 To 150, Add	*0.40*	
		For >150 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	2.40	
		For Up To 50, Add	*0.52*	
		For >50 To 150, Add	*0.39*	
		For >150 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0015	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	2.11	
		For Up To 50, Add	*0.46*	
		For >50 To 150, Add	*0.34*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0016	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	2.25	
		For Up To 50, Add	*0.49*	
		For >50 To 150, Add	*0.37*	
		For >150 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.12*	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	2.86	
		For Up To 50, Add	*0.61*	
		For >50 To 150, Add	*0.46*	
		For >150 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.15*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	4.05	
		For Up To 50, Add	*0.85*	
		For >50 To 150, Add	*0.64*	
		For >150 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.21*	

31 32 19 16-0019 Geomembranes *(31 32 19 16)*

31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	0.81
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	0.93
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.11
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.33
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.51
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.66
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.79
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.97
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.15

31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0031	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	0.70
31 32 19 16-0032	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	0.90
31 32 19 16-0033	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.03
31 32 19 16-0034	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.62
31 32 19 16-0035	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.28
31 32 19 16-0036	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.56
31 32 19 16-0037	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	1.83
31 32 19 16-0038	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	3.21
31 32 19 16-0039	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	3.32

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	4.36
		For >20,000, Deduct	*-0.08*
		For >2:1 Slope, Add	*0.93*
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	5.06
		For >20,000, Deduct	*-0.11*
		For >2:1 Slope, Add	*0.93*
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	5.89
		For >20,000, Deduct	*-0.15*
		For >2:1 Slope, Add	*0.93*

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	82.08
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	99.22
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	125.35
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	145.86
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	170.47
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	235.15
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	299.04

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

31 37 00 00-0001 Random - Filter Stone *(31 37)*

31 37 00 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	81.60
		For Chinking Material, Add	*12.98*
31 37 00 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	96.39
		For Chinking Material, Add	*12.98*
31 37 00 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	103.36
		For Chinking Material, Add	*12.98*
31 37 00 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	111.28
		For Chinking Material, Add	*12.98*
31 37 00 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	117.68
		For Chinking Material, Add	*12.98*
31 37 00 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	128.14
31 37 00 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	137.36
31 37 00 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	53.18
31 37 00 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	62.57

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 37 00 00-0011		TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	66.99	
31 37 00 00-0012		TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	72.03	
31 37 00 00-0013		TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	76.09	
31 37 00 00-0014		TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	82.80	
31 37 00 00-0015		TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	90.84	

31 40 Shoring And Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	Wood Shoring, 8' Deep Excavation, Pull And Salvage	10.63	
		For Wood Sheeting Left In Place	*-0.85*	
31 41 13 00-0004	SF	Wood Shoring, 10' Deep Excavation, Pull And Salvage	11.50	
		For Wood Sheeting Left In Place	*-1.01*	
31 41 13 00-0005	SF	Wood Shoring, 12' Deep Excavation, Pull And Salvage	12.46	
		For Wood Sheeting Left In Place	*-1.18*	
31 41 13 00-0006	SF	Wood Shoring, 14' Deep Excavation, Pull And Salvage	13.49	
		For Wood Sheeting Left In Place	*-1.39*	
31 41 13 00-0007	SF	Wood Shoring, 16' Deep Excavation, Pull And Salvage	14.60	
		For Wood Sheeting Left In Place	*-1.60*	
31 41 13 00-0008	SF	Wood Shoring, 18' Deep Excavation, Pull And Salvage	15.81	
		For Wood Sheeting Left In Place	*-1.85*	
31 41 13 00-0009	SF	Wood Shoring, 20' Deep Excavation, Pull And Salvage	17.13	
		For Wood Sheeting Left In Place	*-2.12*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,707.30	
		For Standard Sheeting Left In Place, Add	*854.93*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,229.99*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	
31 41 16 13-0003	TON	Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,771.22	
		For Standard Sheeting Left In Place, Add	*822.97*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,198.03*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	
31 41 16 13-0004	TON	Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,068.37	
		For Standard Sheeting Left In Place, Add	*674.40*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,049.46*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	
31 41 16 13-0005	TON	Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,354.32	
		For Standard Sheeting Left In Place, Add	*531.42*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*906.48*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	
31 41 16 13-0006	TON	Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,522.52	
		For Standard Sheeting Left In Place, Add	*447.32*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*822.38*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	
31 41 16 13-0007	TON	Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,694.10	
		For Standard Sheeting Left In Place, Add	*361.53*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*736.59*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*93.76*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*104.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*322.96*	
		For Each Additional Month >3 Months, Add	*52.09*	

31 45 Vibroflotation And Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	10.89	

31 48 Underpinning *(31 40)*

31 48 33 Micropile Underpinning *(31 48)*

31 48 33 00-0001 Augered Micro-Pile And Grout System *(31 48 33)*

31 48 33 00-0002	EA	Micro-Pile Mobilization Per Job	1,797.64
31 48 33 00-0003	EA	Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	449.41
31 48 33 00-0004	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	220.53
31 48 33 00-0005	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	276.71
31 48 33 00-0006	EA	Pile Load Test	2,247.04

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation And Maintenance Of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal From Paving *(32 01 11)*

32 01 11 53-0001 Remove Pavement Markings *(32 01 11 53)*
Note: Includes vacuuming of removed striped area and containment of debris. Excludes disposal.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	1.46
		For Up To 250, Add	*0.73*
		For >250 To 1,000, Add	*0.37*
		For >5,000 To 10,000, Deduct	*-0.22*
		For >10,000 To 25,000, Deduct	*-0.37*
		For >25,000 To 50,000, Deduct	*-0.51*
		For >50,000, Deduct	*-0.58*
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	1.76
		For Up To 250, Add	*0.88*
		For >250 To 1,000, Add	*0.44*
		For >5,000 To 10,000, Deduct	*-0.26*
		For >10,000 To 25,000, Deduct	*-0.44*
		For >25,000 To 50,000, Deduct	*-0.62*
		For >50,000, Deduct	*-0.70*
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	2.11
		For Up To 250, Add	*1.06*
		For >250 To 1,000, Add	*0.53*
		For >5,000 To 10,000, Deduct	*-0.32*
		For >10,000 To 25,000, Deduct	*-0.53*
		For >25,000 To 50,000, Deduct	*-0.74*
		For >50,000, Deduct	*-0.84*
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	2.53
		For Up To 250, Add	*1.27*
		For >250 To 1,000, Add	*0.63*
		For >5,000 To 10,000, Deduct	*-0.38*
		For >10,000 To 25,000, Deduct	*-0.63*
		For >25,000 To 50,000, Deduct	*-0.89*
		For >50,000, Deduct	*-1.01*
32 01 11 53-0006	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	2.53
		For Up To 250, Add	*1.27*
		For >250 To 1,000, Add	*0.63*
		For >5,000 To 10,000, Deduct	*-0.38*
		For >10,000 To 25,000, Deduct	*-0.63*
		For >25,000 To 50,000, Deduct	*-0.89*
		For >50,000, Deduct	*-1.01*
32 01 11 53-0007	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	1.88
		For Up To 250, Add	*0.94*
		For >250 To 1,000, Add	*0.47*
		For >5,000 To 10,000, Deduct	*-0.28*
		For >10,000 To 25,000, Deduct	*-0.47*
		For >25,000 To 50,000, Deduct	*-0.66*
		For >50,000, Deduct	*-0.75*
32 01 11 53-0008	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	2.23
		For Up To 250, Add	*1.12*
		For >250 To 1,000, Add	*0.56*
		For >5,000 To 10,000, Deduct	*-0.33*
		For >10,000 To 25,000, Deduct	*-0.56*
		For >25,000 To 50,000, Deduct	*-0.78*
		For >50,000, Deduct	*-0.89*
32 01 11 53-0009	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	2.69
		For Up To 250, Add	*1.35*
		For >250 To 1,000, Add	*0.67*
		For >5,000 To 10,000, Deduct	*-0.40*
		For >10,000 To 25,000, Deduct	*-0.67*
		For >25,000 To 50,000, Deduct	*-0.94*
		For >50,000, Deduct	*-1.08*
32 01 11 53-0010	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	3.22
		For Up To 250, Add	*1.61*
		For >250 To 1,000, Add	*0.81*
		For >5,000 To 10,000, Deduct	*-0.48*
		For >10,000 To 25,000, Deduct	*-0.81*
		For >25,000 To 50,000, Deduct	*-1.13*
		For >50,000, Deduct	*-1.29*
32 01 11 53-0011	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	3.22
		For Up To 250, Add	*1.61*
		For >250 To 1,000, Add	*0.81*
		For >5,000 To 10,000, Deduct	*-0.48*
		For >10,000 To 25,000, Deduct	*-0.81*
		For >25,000 To 50,000, Deduct	*-1.13*
		For >50,000, Deduct	*-1.29*

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*
Note: Includes direct loading into truck.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 71-0002		Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)* Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.		
32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	3.27	
		For Up To 2,500, Add	*2.45*	
		For >2,500 To 5,000, Add	*0.82*	
		For >10,000 To 25,000, Deduct	*-0.33*	
		For >25,000, Deduct	*-0.49*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	4.36	
		For Up To 2,500, Add	*3.27*	
		For >2,500 To 5,000, Add	*1.09*	
		For >10,000 To 25,000, Deduct	*-0.44*	
		For >25,000, Deduct	*-0.65*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	5.79	
		For Up To 2,500, Add	*4.34*	
		For >2,500 To 5,000, Add	*1.45*	
		For >10,000 To 25,000, Deduct	*-0.58*	
		For >25,000, Deduct	*-0.87*	
32 01 16 71-0006	SY	Production Cold Milling Of Concrete Per Inch	4.95	
32 01 16 71-0007		Limited Production Cold Milling *(32 01 16 71-0001)* Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0037 for hauling.		
32 01 16 71-0008	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	20.65	
		For >100 To 1,000, Deduct	*-10.33*	
		For >1,000, Deduct	*-15.49*	
32 01 16 71-0009	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	27.34	
		For >100 To 1,000, Deduct	*-13.67*	
		For >1,000, Deduct	*-20.51*	
32 01 16 71-0010	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	36.40	
		For >100 To 1,000, Deduct	*-18.20*	
		For >1,000, Deduct	*-27.30*	
32 01 16 71-0011	SY	Limited Cold Milling Of Concrete Per Inch	31.02	
32 01 16 71-0012		Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)* Note: For use as subbase material, includes spreading and rolling.		
32 01 16 71-0013	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	5.55	
32 01 16 72		**Asphalt Paving Reuse** *(32 01 16)*		
32 01 16 72-0001		Rejuvenate, Respread Asphalt Pavement *(32 01 16 72)* Note: Includes direct loading into truck.		
32 01 16 72-0002	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep	9.58	
32 01 16 72-0003	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	11.82	
32 01 16 72-0004	TON	Remove, Rejuvenate, Respread Asphalt Grindings	144.35	
32 01 16 72-0005		Reclamation, Pulverize And Blending With Existing *(32 01 16 72)* Note: Includes direct loading into truck.		
32 01 16 72-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	11.12	
32 01 16 72-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.56	
32 01 16 72-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	2.78	
32 01 16 72-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	2.63	
32 01 16 72-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.03	
32 01 16 72-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	12.13	
32 01 16 72-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	6.06	
32 01 16 72-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	2.86	
32 01 16 72-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	13.34	
32 01 16 72-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	6.67	
32 01 16 72-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.34	
32 01 16 72-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.08	
32 01 16 72-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	14.56	
32 01 16 72-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	7.28	
32 01 16 72-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.64	
32 01 16 72-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.40	
32 01 16 72-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,251.10	

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

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks In Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Asphalt Pavement Crack And Sealing Repair *(32 01 17 61)*

Note: Includes sweeping and cleaning of area.

32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	1.20
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.31*
		For 1" x 1/2" Fill, Add	*0.59*
		For Backer Rod, Add	*0.67*
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.97
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.26*
		For 1" x 1/2" Fill, Add	*0.48*
		For Backer Rod, Add	*0.61*
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.78
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.21*
		For 1" x 1/2" Fill, Add	*0.40*
		For Backer Rod, Add	*0.56*
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.67
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.18*
		For 1" x 1/2" Fill, Add	*0.35*
		For Backer Rod, Add	*0.53*
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.60
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.16*
		For 1" x 1/2" Fill, Add	*0.31*
		For Backer Rod, Add	*0.50*
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler	0.54
		Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	
		For 3/4" x 1/2" Fill, Add	*0.15*
		For 1" x 1/2" Fill, Add	*0.28*
		For Backer Rod, Add	*0.48*
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.24
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.81
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.39
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.22
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.11
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.03
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.42

32 01 17 63 Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,471.67
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified	450.48
		Note: Use for each ton over 3 tons.	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,387.06
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix	422.28
		Note: Use for each ton over 3 tons.	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,344.76
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified	408.18
		Note: Use for each ton over 3 tons.	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,302.46
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix	394.08
		Note: Use for each ton over 3 tons.	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,509.95
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix	492.08
		Note: Use for each ton over 3 tons.	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,467.65
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified	477.98
		Note: Use for each ton over 3 tons.	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,425.35
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix	463.88
		Note: Use for each ton over 3 tons.	

32 01 17 63-0017 Grind Asphalt *(32 01 17 63)*

32 01 17 63-0018	SY	Grinding Asphalt To Level Bump Or Raised Area	16.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0019		Asphalt Placement For Small Repairs *(32 01 17 63)*		
		Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, and compaction. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.		
32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons	1,955.49	
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified	288.73	
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	1,870.88	
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Cold Mix	260.53	
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons	1,828.58	
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified	246.43	
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0026	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	1,786.28	
		Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0027	TON	Asphalt Placement For Small Repair Areas, Hot Mix	232.33	
		Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving Of Concrete Paving *(32 01 26)*

32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

32 01 26 71-0002	SY	Pavement Grooving, Concrete, Longitudinal	0.94
32 01 26 71-0003	SY	Pavement Grooving, Concrete, Transverse	0.70

32 01 26 71-0004 Rumble Strips *(32 01 26 71)*

32 01 26 71-0005	LF	Safe-Strips Shoulder Rumble Strips, Asphalt	0.28
32 01 26 71-0006	LF	Safe-Strips Shoulder Rumble Strips, Concrete	0.69

32 01 26 71-0007 Boat Ramps Grooving *(32 01 26 71)*

32 01 26 71-0008	SY	Concrete Grooving, Boat Ramps	1.50

32 01 90 Operation And Maintenance Of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	11.83
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	8.52
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	9.35
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	7.64

32 01 90 23 Pruning *(32 01 90)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0001		Tree Pruning *(32 01 90 23)*		
		Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.		
32 01 90 23-0002	EA	Tree Pruning (Crown Cleaning), 1-1/2" Caliper	24.29	
		For Crown Thinning, Tree Pruning, Add	*5.47*	
		For Crown Raising, Pruning, Add	*8.50*	
		For Crown Reduction, Tree Pruning, Add	*10.93*	
		For Crown Restoration, Pruning, Add	*16.19*	
32 01 90 23-0003	EA	Tree Pruning (Crown Cleaning), 2" Caliper	27.76	
		For Crown Thinning, Tree Pruning, Add	*6.25*	
		For Crown Raising, Pruning, Add	*9.72*	
		For Crown Reduction, Tree Pruning, Add	*12.49*	
		For Crown Restoration, Pruning, Add	*18.51*	
32 01 90 23-0004	EA	Tree Pruning (Crown Cleaning), 2-1/2" Caliper	31.23	
		For Crown Thinning, Tree Pruning, Add	*7.03*	
		For Crown Raising, Pruning, Add	*10.93*	
		For Crown Reduction, Tree Pruning, Add	*14.05*	
		For Crown Restoration, Pruning, Add	*20.82*	
32 01 90 23-0005	EA	Tree Pruning (Crown Cleaning), 3" Caliper	34.70	
		For Crown Thinning, Tree Pruning, Add	*7.81*	
		For Crown Raising, Pruning, Add	*12.15*	
		For Crown Reduction, Tree Pruning, Add	*15.62*	
		For Crown Restoration, Pruning, Add	*23.13*	
32 01 90 23-0006	EA	Tree Pruning (Crown Cleaning), 4" Caliper, By Hand	52.74	
		For Crown Thinning, Tree Pruning, Add	*11.87*	
		For Crown Raising, Pruning, Add	*18.46*	
		For Crown Reduction, Tree Pruning, Add	*23.73*	
		For Crown Restoration, Pruning, Add	*35.16*	
32 01 90 23-0007	EA	Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment	85.68	
		For Crown Thinning, Tree Pruning, Add	*19.28*	
		For Crown Raising, Pruning, Add	*29.99*	
		For Crown Reduction, Tree Pruning, Add	*38.56*	
		For Crown Restoration, Pruning, Add	*57.12*	
32 01 90 23-0008	EA	Tree Pruning (Crown Cleaning), 6" Caliper, By Hand	92.29	
		For Crown Thinning, Tree Pruning, Add	*20.77*	
		For Crown Raising, Pruning, Add	*32.30*	
		For Crown Reduction, Tree Pruning, Add	*41.53*	
		For Crown Restoration, Pruning, Add	*61.53*	
32 01 90 23-0009	EA	Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment	163.18	
		For Crown Thinning, Tree Pruning, Add	*36.72*	
		For Crown Raising, Pruning, Add	*57.11*	
		For Crown Reduction, Tree Pruning, Add	*73.43*	
		For Crown Restoration, Pruning, Add	*108.79*	
32 01 90 23-0010	EA	Tree Pruning (Crown Cleaning), 9" Caliper, By Hand	147.78	
		For Crown Thinning, Tree Pruning, Add	*33.25*	
		For Crown Raising, Pruning, Add	*51.72*	
		For Crown Reduction, Tree Pruning, Add	*66.50*	
		For Crown Restoration, Pruning, Add	*98.52*	
32 01 90 23-0011	EA	Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment	261.03	
		For Crown Thinning, Tree Pruning, Add	*58.73*	
		For Crown Raising, Pruning, Add	*91.36*	
		For Crown Reduction, Tree Pruning, Add	*117.46*	
		For Crown Restoration, Pruning, Add	*174.03*	
32 01 90 23-0012	EA	Tree Pruning (Crown Cleaning), 12" Caliper, By Hand	170.77	
		For Crown Thinning, Tree Pruning, Add	*38.42*	
		For Crown Raising, Pruning, Add	*59.77*	
		For Crown Reduction, Tree Pruning, Add	*76.85*	
		For Crown Restoration, Pruning, Add	*113.85*	
32 01 90 23-0013	EA	Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment	301.86	
		For Crown Thinning, Tree Pruning, Add	*67.92*	
		For Crown Raising, Pruning, Add	*105.65*	
		For Crown Reduction, Tree Pruning, Add	*135.84*	
		For Crown Restoration, Pruning, Add	*201.25*	
32 01 90 23-0014	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand	198.52	
		For Crown Thinning, Tree Pruning, Add	*44.67*	
		For Crown Raising, Pruning, Add	*69.48*	
		For Crown Reduction, Tree Pruning, Add	*89.33*	
		For Crown Restoration, Pruning, Add	*132.35*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0015	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment	350.81	
		For Crown Thinning, Tree Pruning, Add	*78.93*	
		For Crown Raising, Pruning, Add	*122.78*	
		For Crown Reduction, Tree Pruning, Add	*157.86*	
		For Crown Restoration, Pruning, Add	*233.89*	
32 01 90 23-0016	EA	Tree Pruning (Crown Cleaning), 24" Caliper, By Hand	241.65	
		For Crown Thinning, Tree Pruning, Add	*54.37*	
		For Crown Raising, Pruning, Add	*84.58*	
		For Crown Reduction, Tree Pruning, Add	*108.74*	
		For Crown Restoration, Pruning, Add	*161.11*	
32 01 90 23-0017	EA	Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment	424.32	
		For Crown Thinning, Tree Pruning, Add	*95.47*	
		For Crown Raising, Pruning, Add	*148.51*	
		For Crown Reduction, Tree Pruning, Add	*190.94*	
		For Crown Restoration, Pruning, Add	*282.89*	
32 01 90 23-0018	EA	Tree Pruning (Crown Cleaning), 30" Caliper, By Hand	300.18	
		For Crown Thinning, Tree Pruning, Add	*67.54*	
		For Crown Raising, Pruning, Add	*105.06*	
		For Crown Reduction, Tree Pruning, Add	*135.08*	
		For Crown Restoration, Pruning, Add	*200.13*	
32 01 90 23-0019	EA	Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment	534.76	
		For Crown Thinning, Tree Pruning, Add	*120.32*	
		For Crown Raising, Pruning, Add	*187.17*	
		For Crown Reduction, Tree Pruning, Add	*240.64*	
		For Crown Restoration, Pruning, Add	*356.52*	
32 01 90 23-0020	EA	Tree Pruning (Crown Cleaning), 36" Caliper, By Hand	411.14	
		For Crown Thinning, Tree Pruning, Add	*92.51*	
		For Crown Raising, Pruning, Add	*143.90*	
		For Crown Reduction, Tree Pruning, Add	*185.01*	
		For Crown Restoration, Pruning, Add	*274.11*	
32 01 90 23-0021	EA	Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment	724.78	
		For Crown Thinning, Tree Pruning, Add	*163.08*	
		For Crown Raising, Pruning, Add	*253.67*	
		For Crown Reduction, Tree Pruning, Add	*326.15*	
		For Crown Restoration, Pruning, Add	*483.21*	
32 01 90 23-0022	EA	Tree Pruning (Crown Cleaning), 48" Caliper, By Hand	652.26	
		For Crown Thinning, Tree Pruning, Add	*146.76*	
		For Crown Raising, Pruning, Add	*228.29*	
		For Crown Reduction, Tree Pruning, Add	*293.52*	
		For Crown Restoration, Pruning, Add	*434.86*	
32 01 90 23-0023	EA	Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment	1,165.56	
		For Crown Thinning, Tree Pruning, Add	*262.25*	
		For Crown Raising, Pruning, Add	*407.95*	
		For Crown Reduction, Tree Pruning, Add	*524.50*	
		For Crown Restoration, Pruning, Add	*777.08*	

32 01 90 23-0024 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0025	MSF	Shrub Pruning, Prune, Shrub Bed	79.08
32 01 90 23-0026	EA	Shrub Pruning, Prune, Shrub Under 3' Height	2.77
32 01 90 23-0027	EA	Shrub Pruning, Prune, Shrub 4' Height	6.24
32 01 90 23-0028	EA	Shrub Pruning, Prune, Shrub Over 6'	11.10
32 01 90 23-0029	EA	Shrub Pruning, Prune Trees From Ground	27.76
32 01 90 23-0030	EA	Shrub Pruning, Prune Trees From Ground, High Work	69.40

32 01 90 23-0031 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0032	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	13.88
32 01 90 23-0033	EA	Root Pruning, One Side Of 2" Caliper Tree	17.35
32 01 90 23-0034	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	20.82
32 01 90 23-0035	EA	Root Pruning, One Side Of 3" Caliper Tree	27.76
32 01 90 23-0036	EA	Root Pruning, One Side Of 4" Caliper Tree	41.64
32 01 90 23-0037	EA	Root Pruning, One Side Of 6" Caliper Tree	52.05
32 01 90 23-0038	EA	Root Pruning, One Side Of 9" Caliper Tree	72.87
32 01 90 23-0039	EA	Root Pruning, One Side Of 12" Caliper Tree	83.28
32 01 90 23-0040	EA	Root Pruning, One Side Of 18" Caliper Tree	97.16
32 01 90 23-0041	EA	Root Pruning, One Side Of 24" Caliper Tree	121.45
32 01 90 23-0042	EA	Root Pruning, One Side Of 30" Caliper Tree	149.21
32 01 90 23-0043	EA	Root Pruning, One Side Of 36" Caliper Tree	173.50
32 01 90 23-0044	EA	Root Pruning, One Side Of 48" Caliper Tree	208.21

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	28.95
32 01 90 26-0003	CSF	Watering Groundcover	4.69
32 01 90 26-0004	CSF	Watering Annuals And Perennials	8.64
32 01 90 26-0005	EA	Watering Trees, 1" To 5" Diameter By Hand	8.71
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	11.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	14.70	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	17.44	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	7.62	

32 01 90 36 Weed And Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	6.23	
		For >45 To 90, Deduct	*-0.33*	
		For >90 To 225, Deduct	*-0.96*	
		For >225 To 870, Deduct	*-1.58*	
		For >870, Deduct	*-1.91*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	6.57	
		For >45 To 90, Deduct	*-0.37*	
		For >90 To 225, Deduct	*-1.02*	
		For >225 To 870, Deduct	*-1.68*	
		For >870, Deduct	*-2.05*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF)	6.54	
		Note: Includes pre and post emergent.		
		For >45 To 90, Deduct	*-0.36*	
		For >90 To 225, Deduct	*-1.02*	
		For >225 To 870, Deduct	*-1.67*	
		For >870, Deduct	*-2.04*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)	6.75	
		Note: Includes pre and post emergents.		
		For >45 To 90, Deduct	*-0.38*	
		For >90 To 225, Deduct	*-1.06*	
		For >225 To 870, Deduct	*-1.73*	
		For >870, Deduct	*-2.12*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	8.90	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	8.94	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	9.71	

32 10 Bases, Ballasts, And Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	78.25	
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	73.72	

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	5.03	
		For Up To 500, Add	*1.23*	
		For >500 To 1,000, Add	*0.50*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000, Deduct	*-0.33*	
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	10.04	
		For Up To 500, Add	*2.46*	
		For >500 To 1,000, Add	*1.00*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000, Deduct	*-0.65*	
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	15.06	
		For Up To 500, Add	*3.69*	
		For >500 To 1,000, Add	*1.51*	
		For >5,000 To 10,000, Deduct	*-0.57*	
		For >10,000, Deduct	*-0.98*	
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	22.59	
		For Up To 500, Add	*5.53*	
		For >500 To 1,000, Add	*2.26*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000, Deduct	*-1.47*	
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	30.11	
		For Up To 500, Add	*7.37*	
		For >500 To 1,000, Add	*3.01*	
		For >5,000 To 10,000, Deduct	*-1.14*	
		For >10,000, Deduct	*-1.96*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.65	
		For Up To 1,000, Add	*0.18*	
		For >1,000 To 2,500, Add	*0.07*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	0.90	
		For Up To 1,000, Add	*0.24*	
		For >1,000 To 2,500, Add	*0.09*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.14	
		For Up To 1,000, Add	*0.31*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.49	
		For Up To 1,000, Add	*0.40*	
		For >1,000 To 2,500, Add	*0.15*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	1.84	
		For Up To 1,000, Add	*0.50*	
		For >1,000 To 2,500, Add	*0.18*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.11	
		For Up To 1,000, Add	*0.57*	
		For >1,000 To 2,500, Add	*0.21*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.39	
		For Up To 1,000, Add	*0.65*	
		For >1,000 To 2,500, Add	*0.24*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	109.69

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.39
		For Up To 150, Add	*0.07*
		For >150 To 300, Add	*0.04*
		For >300 To 500, Add	*0.02*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.02*
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.43
		For Up To 150, Add	*0.08*
		For >150 To 300, Add	*0.04*
		For >300 To 500, Add	*0.02*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.03*
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.49
		For Up To 150, Add	*0.10*
		For >150 To 300, Add	*0.05*
		For >300 To 500, Add	*0.02*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.03*
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.53
		For Up To 150, Add	*0.11*
		For >150 To 300, Add	*0.05*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.03*
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	0.59
		For Up To 150, Add	*0.12*
		For >150 To 300, Add	*0.06*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	0.63
		For Up To 150, Add	*0.13*
		For >150 To 300, Add	*0.06*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.04*

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.02
		For Up To 150, Add	*0.22*
		For >150 To 300, Add	*0.10*
		For >300 To 500, Add	*0.05*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.07*
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	1.08
		For Up To 150, Add	*0.24*
		For >150 To 300, Add	*0.11*
		For >300 To 500, Add	*0.05*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	1.13	
		For Up To 150, Add	*0.25*	
		For >150 To 300, Add	*0.11*	
		For >300 To 500, Add	*0.06*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.08*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Course 3,954 LB/CY	151.05	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For Warm Mix Additive, Add	*8.42*	
		For >500 To 1,000, Deduct	*-6.83*	
		For >1,000 To 2,500, Deduct	*-12.37*	
		For >2,500 To 5,000, Deduct	*-19.20*	
		For >5,000, Deduct	*-27.51*	
32 12 16 13-0003	SY	1" Thick Binder Course	8.66	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000 To 50,000, Deduct	*-0.70*	
		For >50,000 To 100,000, Deduct	*-1.09*	
		For >100,000, Deduct	*-1.56*	
32 12 16 13-0004	SY	1-1/2" Thick Binder Course	12.84	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >7,000 To 14,000, Deduct	*-0.58*	
		For >14,000 To 32,000, Deduct	*-1.05*	
		For >32,000 To 64,000, Deduct	*-1.62*	
		For >64,000, Deduct	*-2.33*	
32 12 16 13-0005	SY	2" Thick Binder Course	16.99	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >5,000 To 10,000, Deduct	*-0.77*	
		For >10,000 To 24,000, Deduct	*-1.39*	
		For >24,000 To 48,000, Deduct	*-2.16*	
		For >48,000, Deduct	*-3.09*	
32 12 16 13-0006	SY	2-1/2" Thick Binder Course	20.76	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >4,000 To 8,000, Deduct	*-0.95*	
		For >8,000 To 20,000, Deduct	*-1.72*	
		For >20,000 To 40,000, Deduct	*-2.67*	
		For >40,000, Deduct	*-3.82*	
32 12 16 13-0007	SY	3" Thick Binder Course	24.56	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >3,000 To 6,000, Deduct	*-1.13*	
		For >6,000 To 16,000, Deduct	*-2.05*	
		For >16,000 To 32,000, Deduct	*-3.18*	
		For >32,000, Deduct	*-4.56*	
32 12 16 13-0008	SY	3-1/2" Thick Binder Course	28.63	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >2,800 To 5,600, Deduct	*-1.32*	
		For >5,600 To 14,000, Deduct	*-2.39*	
		For >14,000 To 28,000, Deduct	*-3.71*	
		For >28,000, Deduct	*-5.32*	
32 12 16 13-0009	SY	4" Thick Binder Course	32.75	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >2,500 To 5,000, Deduct	*-1.51*	
		For >5,000 To 12,000, Deduct	*-2.73*	
		For >12,000 To 24,000, Deduct	*-4.24*	
		For >24,000, Deduct	*-6.08*	
32 12 16 13-0010	SY	5" Thick Binder Course	40.91	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >2,000 To 3,900, Deduct	*-1.89*	
		For >3,900 To 10,000, Deduct	*-3.41*	
		For >10,000 To 20,000, Deduct	*-5.30*	
		For >20,000, Deduct	*-7.59*	
32 12 16 13-0011	SY	6" Thick Binder Course	49.13	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >1,600 To 3,200, Deduct	*-2.26*	
		For >3,200 To 8,000, Deduct	*-4.10*	
		For >8,000 To 16,000, Deduct	*-6.36*	
		For >16,000, Deduct	*-9.12*	

32 12 16 13-0012 Surface Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY	150.50	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*3.09*	
		For Warm Mix Additive, Add	*8.04*	
		For >500 To 1,000, Deduct	*-6.63*	
		For >1,000 To 2,500, Deduct	*-12.02*	
		For >2,500 To 5,000, Deduct	*-18.64*	
		For >5,000, Deduct	*-26.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR) Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	166.10	
		For Warm Mix Additive, Add	*8.76*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	178.47	
		For Warm Mix Additive, Add	*9.56*	
32 12 16 13-0016	SY	1" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	8.43	
		For PG64-10 Asphalt, Add	*0.16*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000 To 50,000, Deduct	*-0.66*	
		For >50,000 To 100,000, Deduct	*-1.02*	
		For >100,000, Deduct	*-1.47*	
32 12 16 13-0017	SY	1-1/2" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	12.43	
		For PG64-10 Asphalt, Add	*0.24*	
		For >7,000 To 14,000, Deduct	*-0.54*	
		For >14,000 To 32,000, Deduct	*-0.98*	
		For >32,000 To 64,000, Deduct	*-1.52*	
		For >64,000, Deduct	*-2.19*	
32 12 16 13-0018	SY	2" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	16.41	
		For PG64-10 Asphalt, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.72*	
		For >10,000 To 24,000, Deduct	*-1.30*	
		For >24,000 To 48,000, Deduct	*-2.02*	
		For >48,000, Deduct	*-2.90*	
32 12 16 13-0019	SY	2-1/2" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	19.93	
		For PG64-10 Asphalt, Add	*0.41*	
		For >4,000 To 8,000, Deduct	*-0.88*	
		For >8,000 To 20,000, Deduct	*-1.61*	
		For >20,000 To 40,000, Deduct	*-2.49*	
		For >40,000, Deduct	*-3.58*	
32 12 16 13-0020	SY	3" Thick Surface Course Note: Includes placement, rolling, finishing and sweeping.	23.47	
		For PG64-10 Asphalt, Add	*0.49*	
		For >3,000 To 6,000, Deduct	*-1.05*	
		For >6,000 To 16,000, Deduct	*-1.91*	
		For >16,000 To 32,000, Deduct	*-2.96*	
		For >32,000, Deduct	*-4.25*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	52.20	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CY Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	306.55	

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	13.19	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	12.93	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	22.35	

32 12 16 39 Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001	SY	3.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	0.83	
		For Up To 50, Add	*0.20*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.05*	
32 12 16 39-0002	SY	4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	0.88	
		For Up To 50, Add	*0.21*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	31.85	
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	24.33	
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	15.87	

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	3.02	
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	5.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 33 00-0004		Bituminous Surface Treatment For Trails *(32 12 33)*		
		Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.		
32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.22	

32 12 36 Seal Coats *(32 12)*

32 12 36 00-0001		Asphalt Seal Coating, For Roads And Parking Lot *(32 12 36)*		
		Note: Includes sweeping and cleaning of area.		
32 12 36 00-0002	SY	Asphalt Seal Coating Minimum	392.15	
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
32 12 36 00-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating	5.70	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.42*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.53*	
		For Latex Modified Asphalt Emulsion, Add	*0.42*	
32 12 36 00-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating	4.59	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Latex Modified Asphalt Emulsion, Add	*0.37*	
32 12 36 00-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating	3.56	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.30*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.39*	
		For Latex Modified Asphalt Emulsion, Add	*0.30*	
32 12 36 00-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating	2.87	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.25*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.34*	
		For Latex Modified Asphalt Emulsion, Add	*0.25*	
32 12 36 00-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating	2.40	
		Note: 1/4" thick, 14 to 18 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.22*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.29*	
		For Latex Modified Asphalt Emulsion, Add	*0.22*	
32 12 36 00-0008	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating	6.56	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.49*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.62*	
		For Latex Modified Asphalt Emulsion, Add	*0.49*	
32 12 36 00-0009	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating	5.41	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.43*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.56*	
		For Latex Modified Asphalt Emulsion, Add	*0.43*	
32 12 36 00-0010	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating	4.13	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Latex Modified Asphalt Emulsion, Add	*0.35*	
32 12 36 00-0011	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating	3.34	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.29*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.39*	
		For Latex Modified Asphalt Emulsion, Add	*0.29*	
32 12 36 00-0012	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating	2.80	
		Note: 3/8" thick, 25 to 30 Lbs/SY.		
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.25*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.34*	
		For Latex Modified Asphalt Emulsion, Add	*0.25*	
32 12 36 00-0013	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	5.35	
32 12 36 00-0014	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.47	
32 12 36 00-0015	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	3.46	
32 12 36 00-0016	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	2.83	
32 12 36 00-0017	SY	>20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	2.39	
32 12 36 00-0018	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	6.14	
32 12 36 00-0019	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	5.26	
32 12 36 00-0020	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	4.14	
32 12 36 00-0021	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	3.44	
32 12 36 00-0022	SY	>20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	2.93	
32 12 36 00-0023		Water Based Emulsion Sealer *(32 12 36)*		
		Note: Includes sweeping and cleaning of area.		
32 12 36 00-0024	SY	Up To 500 SY Water Based Emulsion Sealer, For Asphalt, First Coat	3.95	
		For Additional Coats, Add	*2.20*	
32 12 36 00-0025	SY	>500 To 1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat	3.18	
		For Additional Coats, Add	*1.77*	
32 12 36 00-0026	SY	>1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat	2.39	
		For Additional Coats, Add	*1.32*	
32 12 36 00-0027		Sand Sealer *(32 12 36)*		
		Note: To be added to Slurry Seal.		
32 12 36 00-0028	SY	Up To 200 SY Sand Seal Spray Applied Asphalt Emulsion	2.52	
32 12 36 00-0029	SY	>200 To 500 SY Sand Seal Spray Applied Asphalt Emulsion	1.96	
32 12 36 00-0030	SY	>500 To 1,100 SY Sand Seal Spray Applied Asphalt Emulsion	1.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 00-0031	SY	>1,100 To 4,400 SY Sand Seal Spray Applied Asphalt Emulsion	1.39	
32 12 36 00-0032	SY	>4,400 To 7,800 SY Sand Seal Spray Applied Asphalt Emulsion	1.29	
32 12 36 00-0033	SY	>7,800 To 16,700 SY Sand Seal Spray Applied Asphalt Emulsion	1.21	
32 12 36 00-0034	SY	>16,700 SY Sand Seal Spray Applied Asphalt Emulsion	1.13	
32 12 36 00-0035		Fog Sealer *(32 12 36)*		
32 12 36 00-0036	SY	Up To 200 SY Fog Seal, SS-1H	2.03	
32 12 36 00-0037	SY	>200 To 500 SY Fog Seal, SS-1H	1.47	
32 12 36 00-0038	SY	>500 To 1,100 SY Fog Seal, SS-1	1.28	
32 12 36 00-0039	SY	>1,100 To 4,400 SY Fog Seal, SS-1H	0.91	
32 12 36 00-0040	SY	>4,400 To 7,800 SY Fog Seal, SS-1H	0.81	
32 12 36 00-0041	SY	>7,800 To 16,700 SY Fog Seal, SS-1H	0.72	
32 12 36 00-0042	SY	>16,700 SY Fog Seal, SS-1H	0.64	
32 12 36 00-0043		Asphalt Emulsion Sealers (Chip Seal) *(32 12 36)*		
32 12 36 00-0044		Fine Screenings Seal Coat *(32 12 36 00-0043)* Note: 12 to 20 # Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 00-0045	SY	Up To 200 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.97	
32 12 36 00-0046	SY	>200 To 500 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.36	
32 12 36 00-0047	SY	>500 To 1,100 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.13	
32 12 36 00-0048	SY	>1,100 To 4,400 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.75	
32 12 36 00-0049	SY	>4,400 To 7,800 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.63	
32 12 36 00-0050	SY	>7,800 To 16,700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.54	
32 12 36 00-0051	SY	>16,700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.44	
32 12 36 00-0052		Medium Fine Screenings Seal Coat *(32 12 36 00-0043)* Note: 16 to 25 # Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		
32 12 36 00-0053	SY	Up To 200 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	3.34	
32 12 36 00-0054	SY	>200 To 500 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.68	
32 12 36 00-0055	SY	>500 To 1,100 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.44	
32 12 36 00-0056	SY	>1,100 To 4,400 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	2.05	
32 12 36 00-0057	SY	>4,400 To 7,800 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.92	
32 12 36 00-0058	SY	>7,800 To 16,700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.82	
32 12 36 00-0059	SY	>16,700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied	1.71	
32 12 36 00-0060		Medium Screenings Seal Coat *(32 12 36 00-0043)* Note: 20 to 30 # Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 00-0061	SY	Up To 200 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	3.45	
32 12 36 00-0062	SY	>200 To 500 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.78	
32 12 36 00-0063	SY	>500 To 1,100 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.54	
32 12 36 00-0064	SY	>1,100 To 4,400 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.15	
32 12 36 00-0065	SY	>4,400 To 7,800 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	2.01	
32 12 36 00-0066	SY	>7,800 To 16,700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.91	
32 12 36 00-0067	SY	>16,700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied	1.80	
32 12 36 00-0068		Course Screenings Seal Coat *(32 12 36 00-0043)* Note: 23 to 30 # Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 00-0069	SY	Up To 200 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	3.52	
32 12 36 00-0070	SY	>200 To 500 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.84	
32 12 36 00-0071	SY	>500 To 1,100 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.59	
32 12 36 00-0072	SY	>1,100 To 4,400 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.19	
32 12 36 00-0073	SY	>4,400 To 7,800 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	2.05	
32 12 36 00-0074	SY	>7,800 To 16,700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.95	
32 12 36 00-0075	SY	>16,700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied	1.84	
32 12 36 00-0076		Double Screenings Seal Coat *(32 12 36 00-0043)* Note: First coat 23 to 30 # Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 # Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 00-0077	SY	Up To 200 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	5.48	
32 12 36 00-0078	SY	>200 To 500 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	4.44	
32 12 36 00-0079	SY	>500 To 1,100 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	4.08	
32 12 36 00-0080	SY	>1,100 To 4,400 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.49	
32 12 36 00-0081	SY	>4,400 To 7,800 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.27	
32 12 36 00-0082	SY	>7,800 To 16,700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	3.12	
32 12 36 00-0083	SY	>16,700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied	2.96	
32 12 36 00-0084		Seal Coat With Sand And Latex *(32 12 36)*		
32 12 36 00-0085	SY	Up To 250 SY Seal Coat With Sand And Latex Added (One Coat)	4.42	
32 12 36 00-0086	SY	>250 To 500 SY Seal Coat With Sand And Latex Added (One Coat)	3.66	
32 12 36 00-0087	SY	>500 To 1,000 SY Seal Coat With Sand And Latex Added (One Coat)	2.90	
32 12 36 00-0088	SY	>1,000 To 2,500 SF Seal Coat With Sand And Latex Added (One Coat)	2.14	
32 12 36 00-0089	SY	>2,500 To 5,000 SY Seal Coat With Sand And Latex Added (One Coat)	1.68	
32 12 36 00-0090	SY	>5,000 To 10,000 SY Seal Coat With Sand And Latex Added (One Coat)	1.53	
32 12 36 00-0091	SY	>10,000 To 20,000 SY Seal Coat With Sand And Latex Added (One Coat)	1.38	
32 12 36 00-0092	SY	>20,000 To 40,000 SY Seal Coat With Sand And Latex Added (One Coat)	1.22	
32 12 36 00-0093	SY	>40,000 SY Seal Coat With Sand And Latex Added (One Coat)	1.07	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 00-0094		Asphalt Rubber Aggregate Membrane *(32 12 36)* Note: Includes cleaning and preparing existing surface, spreading asphalt rubber and cover aggregate, rolling and sweeping.		
32 12 36 00-0095	SY	Up To 200 SY 3/8" Asphalt Rubber Aggregate Membrane	5.99	
32 12 36 00-0096	SY	>200 To 500 SY 3/8" Asphalt Rubber Aggregate Membrane	4.88	
32 12 36 00-0097	SY	>500 To 1,100 SY 3/8" Asphalt Rubber Aggregate Membrane	4.50	
32 12 36 00-0098	SY	>1,100 To 4,400 SY 3/8" Asphalt Rubber Aggregate Membrane	3.89	
32 12 36 00-0099	SY	>4,400 To 7,800 SY 3/8" Asphalt Rubber Aggregate Membrane	3.65	
32 12 36 00-0100	SY	>7,800 To 16,700 SY 3/8" Asphalt Rubber Aggregate Membrane	3.49	
32 12 36 00-0101	SY	>16,700 SY 3/8" Asphalt Rubber Aggregate Membrane	3.31	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001		Flexible Recycled Plastic Porous Grid *(32 12 43)* Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.		
32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	24.44	
		For Up To 100, Add	*8.78*	
		For >100 To 500, Add	*2.29*	
		For >1,000 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-2.01*	

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001		Expansion Joint In Sidewalk *(32 12 73)*		
32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.57	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001		Concrete Paving Assemblies *(32 13 13 33)* Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 00 00-0001 for color additive.		
32 13 13 33-0002		4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*		
32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	36.22	
		For 2,500 PSI Concrete, Deduct	*-1.62*	
		For 3,000 PSI Concrete, Deduct	*-1.06*	
		For 3,500 PSI Concrete, Deduct	*-0.85*	
		For 4,000 PSI Concrete, Deduct	*-0.37*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*1.84*	
		For <10' Wide Pass, Add	*6.94*	
		For >24' Wide Pass, Deduct	*-7.24*	
		For Air Entrainment, Add	*0.71*	
		For Slipforming, Deduct	*-3.62*	
		For Up To 100, Add	*16.08*	
		For >100 To 250, Add	*8.75*	
		For >250 To 500, Add	*4.37*	
		For >1,000 To 2,000, Deduct	*-0.71*	
		For >2,000 To 5,000, Deduct	*-1.61*	
		For >5,000 To 10,000, Deduct	*-2.52*	
		For >10,000 To 20,000, Deduct	*-3.42*	
		For >20,000, Deduct	*-4.33*	
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	42.28	
		For 2,500 PSI Concrete, Deduct	*-2.04*	
		For 3,000 PSI Concrete, Deduct	*-1.33*	
		For 3,500 PSI Concrete, Deduct	*-1.06*	
		For 4,000 PSI Concrete, Deduct	*-0.46*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*2.30*	
		For <10' Wide Pass, Add	*7.91*	
		For >24' Wide Pass, Deduct	*-8.46*	
		For Air Entrainment, Add	*0.89*	
		For Slipforming, Deduct	*-4.23*	
		For Up To 100, Add	*18.28*	
		For >100 To 250, Add	*10.03*	
		For >250 To 500, Add	*5.01*	
		For >1,000 To 2,000, Deduct	*-0.89*	
		For >2,000 To 5,000, Deduct	*-1.94*	
		For >5,000 To 10,000, Deduct	*-3.00*	
		For >10,000 To 20,000, Deduct	*-4.06*	
		For >20,000, Deduct	*-5.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	45.29	
		For 2,500 PSI Concrete, Deduct	*-2.15*	
		For 3,000 PSI Concrete, Deduct	*-1.40*	
		For 3,500 PSI Concrete, Deduct	*-1.12*	
		For 4,000 PSI Concrete, Deduct	*-0.49*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*2.43*	
		For <10' Wide Pass, Add	*8.52*	
		For >24' Wide Pass, Deduct	*-9.06*	
		For Air Entrainment, Add	*0.93*	
		For Slipforming, Deduct	*-4.53*	
		For Up To 100, Add	*19.70*	
		For >100 To 250, Add	*10.78*	
		For >250 To 500, Add	*5.39*	
		For >1,000 To 2,000, Deduct	*-0.93*	
		For >2,000 To 5,000, Deduct	*-2.07*	
		For >5,000 To 10,000, Deduct	*-3.20*	
		For >10,000 To 20,000, Deduct	*-4.33*	
		For >20,000, Deduct	*-5.46*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	53.03	
		For 2,500 PSI Concrete, Deduct	*-2.71*	
		For 3,000 PSI Concrete, Deduct	*-1.77*	
		For 3,500 PSI Concrete, Deduct	*-1.41*	
		For 4,000 PSI Concrete, Deduct	*-0.61*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.06*	
		For <10' Wide Pass, Add	*9.72*	
		For >24' Wide Pass, Deduct	*-10.61*	
		For Air Entrainment, Add	*1.18*	
		For Slipforming, Deduct	*-5.30*	
		For Up To 100, Add	*22.39*	
		For >100 To 250, Add	*12.37*	
		For >250 To 500, Add	*6.19*	
		For >1,000 To 2,000, Deduct	*-1.18*	
		For >2,000 To 5,000, Deduct	*-2.50*	
		For >5,000 To 10,000, Deduct	*-3.83*	
		For >10,000 To 20,000, Deduct	*-5.16*	
		For >20,000, Deduct	*-6.48*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	61.23	
		For 2,500 PSI Concrete, Deduct	*-2.98*	
		For 3,000 PSI Concrete, Deduct	*-1.94*	
		For 3,500 PSI Concrete, Deduct	*-1.55*	
		For 4,000 PSI Concrete, Deduct	*-0.67*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.36*	
		For <10' Wide Pass, Add	*11.43*	
		For >24' Wide Pass, Deduct	*-12.25*	
		For Air Entrainment, Add	*1.29*	
		For Slipforming, Deduct	*-6.12*	
		For Up To 100, Add	*26.39*	
		For >100 To 250, Add	*14.49*	
		For >250 To 500, Add	*7.24*	
		For >1,000 To 2,000, Deduct	*-1.29*	
		For >2,000 To 5,000, Deduct	*-2.82*	
		For >5,000 To 10,000, Deduct	*-4.36*	
		For >10,000 To 20,000, Deduct	*-5.89*	
		For >20,000, Deduct	*-7.42*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	68.94	
		For 2,500 PSI Concrete, Deduct	*-3.44*	
		For 3,000 PSI Concrete, Deduct	*-2.24*	
		For 3,500 PSI Concrete, Deduct	*-1.79*	
		For 4,000 PSI Concrete, Deduct	*-0.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.89*	
		For <10' Wide Pass, Add	*12.75*	
		For >24' Wide Pass, Deduct	*-13.79*	
		For Air Entrainment, Add	*1.50*	
		For Slipforming, Deduct	*-6.89*	
		For Up To 100, Add	*29.40*	
		For >100 To 250, Add	*16.20*	
		For >250 To 500, Add	*8.10*	
		For >1,000 To 2,000, Deduct	*-1.50*	
		For >2,000 To 5,000, Deduct	*-3.22*	
		For >5,000 To 10,000, Deduct	*-4.94*	
		For >10,000 To 20,000, Deduct	*-6.67*	
		For >20,000, Deduct	*-8.39*	
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	77.09	
		For 2,500 PSI Concrete, Deduct	*-3.78*	
		For 3,000 PSI Concrete, Deduct	*-2.47*	
		For 3,500 PSI Concrete, Deduct	*-1.97*	
		For 4,000 PSI Concrete, Deduct	*-0.86*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.28*	
		For <10' Wide Pass, Add	*14.34*	
		For >24' Wide Pass, Deduct	*-15.42*	
		For Air Entrainment, Add	*1.64*	
		For Slipforming, Deduct	*-7.71*	
		For Up To 100, Add	*33.10*	
		For >100 To 250, Add	*18.19*	
		For >250 To 500, Add	*9.10*	
		For >1,000 To 2,000, Deduct	*-1.64*	
		For >2,000 To 5,000, Deduct	*-3.57*	
		For >5,000 To 10,000, Deduct	*-5.50*	
		For >10,000 To 20,000, Deduct	*-7.43*	
		For >20,000, Deduct	*-9.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	91.98	
		For 2,500 PSI Concrete, Deduct	*-4.48*	
		For 3,000 PSI Concrete, Deduct	*-2.92*	
		For 3,500 PSI Concrete, Deduct	*-2.34*	
		For 4,000 PSI Concrete, Deduct	*-1.01*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.06*	
		For <10' Wide Pass, Add	*17.15*	
		For >24' Wide Pass, Deduct	*-18.40*	
		For Air Entrainment, Add	*1.95*	
		For Slipforming, Deduct	*-9.20*	
		For Up To 100, Add	*39.61*	
		For >100 To 250, Add	*21.75*	
		For >250 To 500, Add	*10.88*	
		For >1,000 To 2,000, Deduct	*-1.95*	
		For >2,000 To 5,000, Deduct	*-4.25*	
		For >5,000 To 10,000, Deduct	*-6.55*	
		For >10,000 To 20,000, Deduct	*-8.85*	
		For >20,000, Deduct	*-11.15*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	118.21	
		For 2,500 PSI Concrete, Deduct	*-5.50*	
		For 3,000 PSI Concrete, Deduct	*-3.59*	
		For 3,500 PSI Concrete, Deduct	*-2.87*	
		For 4,000 PSI Concrete, Deduct	*-1.24*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.22*	
		For <10' Wide Pass, Add	*22.38*	
		For >24' Wide Pass, Deduct	*-23.64*	
		For Air Entrainment, Add	*2.39*	
		For Slipforming, Deduct	*-11.82*	
		For Up To 100, Add	*51.80*	
		For >100 To 250, Add	*28.29*	
		For >250 To 500, Add	*14.15*	
		For >1,000 To 2,000, Deduct	*-2.39*	
		For >2,000 To 5,000, Deduct	*-5.35*	
		For >5,000 To 10,000, Deduct	*-8.30*	
		For >10,000 To 20,000, Deduct	*-11.26*	
		For >20,000, Deduct	*-14.21*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	3.85	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assembly *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	10.51	
		For >5,000 To 30,000, Deduct	*-1.20*	
		For >30,000 To 100,000, Deduct	*-2.29*	
		For >100,000, Deduct	*-2.85*	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	12.79	
		For >5,000 To 30,000, Deduct	*-1.44*	
		For >30,000 To 100,000, Deduct	*-2.71*	
		For >100,000, Deduct	*-3.36*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair *(32 13 73 13)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	7.53	

32 13 73 16 Field-Molded Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	11.81	

32 13 73 19 Compression Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)*

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where sawcutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	7.98	1.92
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	8.29	1.95
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	8.62	1.99
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	9.61	2.04
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.82	2.08
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	12.43	2.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	14.82	2.17

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	3.07	0.86
		For >1,000 To 2,000, Deduct	*-0.37*	
		For >2,000 To 4,000, Deduct	*-0.54*	
		For >4,000, Deduct	*-0.69*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	3.30	0.86
		For >500 To 1,000, Deduct	*-0.10*	
		For >1,000 To 2,000, Deduct	*-0.19*	
		For >2,000, Deduct	*-0.29*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	3.18	0.86
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 1,500, Deduct	*-0.45*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	3.69	0.86
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 1,500, Deduct	*-0.58*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	4.66	0.86
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 1,500, Deduct	*-0.82*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	5.40	0.86
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000 To 1,500, Deduct	*-1.01*	

32 14 11 Bedding For Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	1.16	
		For Up To 100, Add	*0.46*	
		For >100 To 500, Add	*0.13*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.55	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.15*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.13*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	2.11	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.19*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.16*	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	2.72	
		For Up To 100, Add	*0.92*	
		For >100 To 500, Add	*0.23*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.20*	
32 14 11 00-0006	SF	1" Mortar Bedding	2.57	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.35*	
		For >1,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.34*	
32 14 11 00-0007	SF	2" Mortar Bedding	3.67	
		For Up To 100, Add	*1.66*	
		For >100 To 500, Add	*0.48*	
		For >1,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.47*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.36	
		For Up To 100, Add	*0.64*	
		For >100 To 500, Add	*0.19*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.18*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	8.42	2.76
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.71*	
		For 3-1/8" Concrete Paver, Add	*1.13*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.70*	
		For Up To 100, Add	*3.49*	
		For >100 To 500, Add	*0.98*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.92*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	7.92	2.53
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.68*	
		For 3-1/8" Concrete Paver, Add	*1.10*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.65*	
		For Up To 100, Add	*3.24*	
		For >100 To 500, Add	*0.90*	
		For >1,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.84*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	7.46	2.01
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.66*	
		For 3-1/8" Concrete Paver, Add	*1.06*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.60*	
		For Up To 100, Add	*3.01*	
		For >100 To 500, Add	*0.83*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.77*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	7.04	2.09
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.64*	
		For 3-1/8" Concrete Paver, Add	*1.03*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.56*	
		For Up To 100, Add	*2.80*	
		For >100 To 500, Add	*0.77*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.71*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	7.68	2.40
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*0.67*	
		For 3-1/8" Concrete Paver, Add	*1.08*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.62*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*0.87*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.81*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	8.22	2.40
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*0.89*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.82*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	10.04	2.76
		For 1-3/8" Thick Paver, Deduct	*-1.85*	
		For 2-3/4" Thick Paver (Vehicular), Add	*4.11*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.78*	
		For Up To 100, Add	*3.90*	
		For >100 To 500, Add	*1.06*	
		For >1,000 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-0.97*	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	14.29	3.16
		For 1-3/8" Thick Paver, Deduct	*-3.11*	
		For 2-3/4" Thick Paver (Vehicular), Add	*7.12*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.03*	
		For Up To 100, Add	*5.15*	
		For >100 To 500, Add	*1.35*	
		For >1,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-1.19*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 00-0001 Turf Block Plastic Paving *(32 14 33)*

32 14 33 00-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	11.58	2.40
		For Up To 100, Add	*4.10*	
		For >100 To 500, Add	*1.06*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.92*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40		**Stone Paving** *(32 14)*			
32 14 40 00-0001		Slate Paver Sidewalk *(32 14 40)*			
		Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.			
32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver		15.57	2.30
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.01*		
		For Up To 100, Add	*5.04*		
		For >100 To 500, Add	*1.24*		
		For >1,000 To 5,000, Deduct	*-0.46*		
		For >5,000, Deduct	*-1.02*		
		For 1/4" Thick Paver, Deduct	*-8.17*		
		For 1/2" Thick Paver, Deduct	*-5.74*		
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver		15.15	2.09
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.97*		
		For Up To 100, Add	*4.83*		
		For >100 To 500, Add	*1.17*		
		For >1,000 To 5,000, Deduct	*-0.42*		
		For >5,000, Deduct	*-0.95*		
		For 1/4" Thick Paver, Deduct	*-8.07*		
		For 1/2" Thick Paver, Deduct	*-5.68*		
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver		14.42	1.72
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.89*		
		For Up To 100, Add	*4.47*		
		For >100 To 500, Add	*1.07*		
		For >1,000 To 5,000, Deduct	*-0.34*		
		For >5,000, Deduct	*-0.85*		
		For 1/4" Thick Paver, Deduct	*-7.89*		
		For 1/2" Thick Paver, Deduct	*-5.57*		
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver		14.11	1.57
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.86*		
		For Up To 100, Add	*4.31*		
		For >100 To 500, Add	*1.02*		
		For >1,000 To 5,000, Deduct	*-0.31*		
		For >5,000, Deduct	*-0.80*		
		For 1/4" Thick Paver, Deduct	*-7.81*		
		For 1/2" Thick Paver, Deduct	*-5.52*		
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns		14.75	1.89
		Note: Patterns made by combining pavers from two or more size groups.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.93*		
		For Up To 100, Add	*4.63*		
		For >100 To 500, Add	*1.11*		
		For >1,000 To 5,000, Deduct	*-0.38*		
		For >5,000, Deduct	*-0.89*		
		For 1/4" Thick Paver, Deduct	*-7.97*		
		For 1/2" Thick Paver, Deduct	*-5.62*		
32 14 40 00-0007		Granite Paver Sidewalk *(32 14 40)*			
		Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.			
32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver		17.90	2.30
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.12*		
		For 2" Granite Paver, Add	*0.90*		
		For 3" Granite Paver, Add	*1.79*		
		For 4" Granite Paver, Add	*2.02*		
		For Up To 100, Add	*5.62*		
		For >100 To 500, Add	*1.35*		
		For >1,000 To 5,000, Deduct	*-0.46*		
		For >5,000, Deduct	*-1.09*		
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver		17.48	2.09
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.08*		
		For 2" Granite Paver, Add	*0.87*		
		For 3" Granite Paver, Add	*1.75*		
		For 4" Granite Paver, Add	*1.96*		
		For Up To 100, Add	*5.41*		
		For >100 To 500, Add	*1.29*		
		For >1,000 To 5,000, Deduct	*-0.42*		
		For >5,000, Deduct	*-1.02*		
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver		16.75	1.72
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.01*		
		For 2" Granite Paver, Add	*0.84*		
		For 3" Granite Paver, Add	*1.68*		
		For 4" Granite Paver, Add	*1.85*		
		For Up To 100, Add	*5.05*		
		For >100 To 500, Add	*1.18*		
		For >1,000 To 5,000, Deduct	*-0.34*		
		For >5,000, Deduct	*-0.92*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	16.44	1.57
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.98*	
		For 2" Granite Paver, Add	*0.82*	
		For 3" Granite Paver, Add	*1.64*	
		For 4" Granite Paver, Add	*1.80*	
		For Up To 100, Add	*4.89*	
		For >100 To 500, Add	*1.14*	
		For >1,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.87*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	17.08	1.89
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.04*	
		For 2" Granite Paver, Add	*0.85*	
		For 3" Granite Paver, Add	*1.71*	
		For 4" Granite Paver, Add	*1.90*	
		For Up To 100, Add	*5.21*	
		For >100 To 500, Add	*1.23*	
		For >1,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.96*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	84.63

32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004	CY	Limestone Screenings For Trail	53.82

32 15 40 00-0005 Decomposed Granite *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	11.23	
		Note: Placed in 2 lifts.		
		For Additional 2" Lift	*5.62*	
		For >45 To 180, Deduct	*-0.79*	
		For >180 To 450, Deduct	*-1.02*	
		For >450, Deduct	*-1.25*	

32 16 Curbs, Gutters, Sidewalks, And Driveways *(32 10)*

32 16 13 Curbs And Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs And Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curb And Gutter *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	20.41	9.94
		For Up To 20, Add	*13.99*	
		For >20 To 50, Add	*7.86*	
		For >50 To 100, Add	*3.06*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-4.65*	
		For Rolled Curb And Gutter	*1.57*	
32 16 13 13-0003	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Radius	22.29	13.25
		For Up To 20, Add	*15.28*	
		For >20 To 50, Add	*8.59*	
		For >50 To 100, Add	*3.34*	
		For >500 To 1,000, Deduct	*-3.02*	
		For >1,000, Deduct	*-5.09*	
		For Rolled Curb And Gutter	*1.73*	
32 16 13 13-0004	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Straight	25.90	11.01
		For Up To 20, Add	*17.74*	
		For >20 To 50, Add	*9.97*	
		For >50 To 100, Add	*3.89*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-5.88*	
		For Rolled Curb And Gutter	*1.98*	
32 16 13 13-0005	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Radius	28.68	12.26
		For Up To 20, Add	*19.65*	
		For >20 To 50, Add	*11.05*	
		For >50 To 100, Add	*4.30*	
		For >500 To 1,000, Deduct	*-3.88*	
		For >1,000, Deduct	*-6.53*	
		For Rolled Curb And Gutter	*2.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0006	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Straight (Type A3-6)	31.38	13.25
		For Up To 20, Add	*21.48*	
		For >20 To 50, Add	*12.06*	
		For >50 To 100, Add	*4.71*	
		For >500 To 1,000, Deduct	*-4.22*	
		For >1,000, Deduct	*-7.11*	
		For Rolled Curb And Gutter	*2.38*	
32 16 13 13-0007	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Radius (Type A3-6)	35.07	14.90
		For Up To 20, Add	*24.02*	
		For >20 To 50, Add	*13.50*	
		For >50 To 100, Add	*5.26*	
		For >500 To 1,000, Deduct	*-4.73*	
		For >1,000, Deduct	*-7.98*	
		For Rolled Curb And Gutter	*2.69*	
32 16 13 13-0008	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Straight	37.30	15.73
		For Up To 20, Add	*25.53*	
		For >20 To 50, Add	*14.34*	
		For >50 To 100, Add	*5.60*	
		For >500 To 1,000, Deduct	*-5.01*	
		For >1,000, Deduct	*-8.45*	
		For Rolled Curb And Gutter	*2.83*	
32 16 13 13-0009	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Radius	41.06	17.40
		For Up To 20, Add	*28.12*	
		For >20 To 50, Add	*15.80*	
		For >50 To 100, Add	*6.16*	
		For >500 To 1,000, Deduct	*-5.53*	
		For >1,000, Deduct	*-9.32*	
		For Rolled Curb And Gutter	*3.13*	
32 16 13 13-0010	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Straight	43.20	18.23
		For Up To 20, Add	*29.56*	
		For >20 To 50, Add	*16.60*	
		For >50 To 100, Add	*6.48*	
		For >500 To 1,000, Deduct	*-5.80*	
		For >1,000, Deduct	*-9.79*	
		For Rolled Curb And Gutter	*3.27*	
32 16 13 13-0011	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Radius	47.04	19.88
		For Up To 20, Add	*32.20*	
		For >20 To 50, Add	*18.09*	
		For >50 To 100, Add	*7.06*	
		For >500 To 1,000, Deduct	*-6.33*	
		For >1,000, Deduct	*-10.67*	
		For Rolled Curb And Gutter	*3.58*	
32 16 13 13-0012	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Straight	49.10	20.71
		For Up To 20, Add	*33.60*	
		For >20 To 50, Add	*18.87*	
		For >50 To 100, Add	*7.37*	
		For >500 To 1,000, Deduct	*-6.60*	
		For >1,000, Deduct	*-11.12*	
		For Rolled Curb And Gutter	*3.72*	
32 16 13 13-0013	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Radius	54.67	23.20
		For Up To 20, Add	*37.44*	
		For >20 To 50, Add	*21.04*	
		For >50 To 100, Add	*8.20*	
		For >500 To 1,000, Deduct	*-7.37*	
		For >1,000, Deduct	*-12.42*	
		For Rolled Curb And Gutter	*4.18*	

32 16 13 13-0014 Cast In Place Concrete Curbs *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0015	LF	6" x 12" Cast In Place Concrete Curb (Type A1-6)	15.32	8.40
		For Up To 20, Add	*9.78*	
		For >20 To 50, Add	*5.56*	
		For >50 To 100, Add	*2.11*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-3.55*	
32 16 13 13-0016	LF	6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	17.60	9.66
		For Up To 20, Add	*11.29*	
		For >20 To 50, Add	*6.42*	
		For >50 To 100, Add	*2.43*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-4.09*	
32 16 13 13-0017	LF	6" x 14" Cast In Place Concrete Curb (Type A1-8)	16.81	8.40
		For Up To 20, Add	*10.71*	
		For >20 To 50, Add	*6.09*	
		For >50 To 100, Add	*2.31*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.88*	
32 16 13 13-0018	LF	6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	19.33	9.66
		For Up To 20, Add	*12.37*	
		For >20 To 50, Add	*7.03*	
		For >50 To 100, Add	*2.67*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000, Deduct	*-4.48*	
32 16 13 13-0019	LF	6" x 16" Cast In Place Concrete Curb	18.44	8.40
		For Up To 20, Add	*11.67*	
		For >20 To 50, Add	*6.63*	
		For >50 To 100, Add	*2.52*	
		For >500 To 1,000, Deduct	*-2.52*	
		For >1,000, Deduct	*-4.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0020	LF	6" x 16" Cast In Place Concrete Curb - Radius	21.16	12.59
		For Up To 20, Add	*13.47*	
		For >20 To 50, Add	*7.66*	
		For >50 To 100, Add	*2.91*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000, Deduct	*-4.89*	
32 16 13 13-0021	LF	6" x 18" Cast In Place Concrete Curb	19.73	8.40
		For Up To 20, Add	*12.43*	
		For >20 To 50, Add	*7.06*	
		For >50 To 100, Add	*2.68*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000, Deduct	*-4.52*	
32 16 13 13-0022	LF	6" x 18" Cast In Place Concrete Curb - Radius	22.35	9.66
		For Up To 20, Add	*14.13*	
		For >20 To 50, Add	*8.03*	
		For >50 To 100, Add	*3.05*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-5.13*	
32 16 13 13-0023	LF	6" x 24" Cast In Place Concrete Curb	22.39	9.24
		For Up To 20, Add	*13.81*	
		For >20 To 50, Add	*7.84*	
		For >50 To 100, Add	*2.99*	
		For >500 To 1,000, Deduct	*-2.99*	
		For >1,000, Deduct	*-5.04*	
32 16 13 13-0024	LF	6" x 24" Cast In Place Concrete Curb - Radius	25.08	10.50
		For Up To 20, Add	*15.51*	
		For >20 To 50, Add	*8.81*	
		For >50 To 100, Add	*3.35*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-5.66*	
32 16 13 13-0025	LF	12" x 24" Cast In Place Concrete Curb	28.11	10.50
		For Up To 20, Add	*16.12*	
		For >20 To 50, Add	*9.11*	
		For >50 To 100, Add	*3.50*	
		For >500 To 1,000, Deduct	*-3.50*	
		For >1,000, Deduct	*-5.96*	
32 16 13 13-0026	LF	12" x 24" Cast In Place Concrete Curb - Radius	31.35	11.76
		For Up To 20, Add	*18.03*	
		For >20 To 50, Add	*10.19*	
		For >50 To 100, Add	*3.92*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000, Deduct	*-6.66*	
32 16 13 13-0027	EA	Additional Finish For Handicap Drop Section In Curb	62.98	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	JOB	Machine Formed Concrete Curb Minimum Set-Up Charge Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	1,107.85	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	7.55	
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	10.72	
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	9.89	
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	13.77	

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	13.90	4.01
		For Curved Section, Add	*2.89*	
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	15.25	4.55
		For Curved Section, Add	*3.23*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	20.86	5.10
		For Curved Section, Add	*4.01*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	25.78	5.73
		For Curved Section, Add	*4.72*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	31.73	6.28
		For Curved Section, Add	*5.52*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	41.57	8.01
		For Curved Section, Add	*7.15*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	47.60	10.37
		For Curved Section, Add	*8.64*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	152.09	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Valley Gutter, 6" Thick	18.98	
		For Up To 20, Add	*10.32*	
		For >20 To 50, Add	*5.81*	
		For >50 To 100, Add	*2.25*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0003	LF	2-1/2' Wide Valley Gutter, 6" Thick	23.13	
		For Up To 20, Add	*12.49*	
		For >20 To 50, Add	*7.03*	
		For >50 To 100, Add	*2.73*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-4.67*	
32 16 13 19-0004	LF	3' Wide Valley Gutter, 6" Thick	27.21	
		For Up To 20, Add	*14.60*	
		For >20 To 50, Add	*8.22*	
		For >50 To 100, Add	*3.19*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-5.47*	
32 16 13 19-0005	LF	3-1/2' Wide Valley Gutter, 6" Thick	31.29	
		For Up To 20, Add	*16.71*	
		For >20 To 50, Add	*9.40*	
		For >50 To 100, Add	*3.66*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-6.27*	
32 16 13 19-0006	LF	4' Wide Valley Gutter, 6" Thick	35.37	
		For Up To 20, Add	*18.83*	
		For >20 To 50, Add	*10.59*	
		For >50 To 100, Add	*4.12*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-7.06*	
32 16 13 19-0007	LF	5' Wide Valley Gutter, 6" Thick	41.26	
		For Up To 20, Add	*21.47*	
		For >20 To 50, Add	*12.06*	
		For >50 To 100, Add	*4.71*	
		For >500 To 1,000, Deduct	*-4.71*	
		For >1,000, Deduct	*-8.09*	
32 16 13 19-0008	LF	6' Wide Valley Gutter, 6" Thick	46.82	
		For Up To 20, Add	*23.88*	
		For >20 To 50, Add	*13.39*	
		For >50 To 100, Add	*5.24*	
		For >500 To 1,000, Deduct	*-5.24*	
		For >1,000, Deduct	*-9.04*	
32 16 13 19-0009	SF	>6' Wide Valley Gutter, 6" Thick	7.79	
		For Up To 100, Add	*3.97*	
		For >100 To 250, Add	*2.23*	
		For >250 To 500, Add	*0.87*	
		For >2,500 To 5,000, Deduct	*-0.87*	
		For >5,000, Deduct	*-1.50*	
32 16 13 19-0010	LF	2' Wide Valley Gutter, 7" Thick	20.58	
		For Up To 20, Add	*11.00*	
		For >20 To 50, Add	*6.19*	
		For >50 To 100, Add	*2.41*	
		For >500 To 1,000, Deduct	*-2.41*	
		For >1,000, Deduct	*-4.12*	
32 16 13 19-0011	LF	2-1/2' Wide Valley Gutter, 7" Thick	25.32	
		For Up To 20, Add	*13.46*	
		For >20 To 50, Add	*7.57*	
		For >50 To 100, Add	*2.95*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000, Deduct	*-5.05*	
32 16 13 19-0012	LF	3' Wide Valley Gutter, 7" Thick	29.56	
		For Up To 20, Add	*15.58*	
		For >20 To 50, Add	*8.76*	
		For >50 To 100, Add	*3.41*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-5.86*	
32 16 13 19-0013	LF	3-1/2' Wide Valley Gutter, 7" Thick	34.01	
		For Up To 20, Add	*17.84*	
		For >20 To 50, Add	*10.02*	
		For >50 To 100, Add	*3.91*	
		For >500 To 1,000, Deduct	*-3.91*	
		For >1,000, Deduct	*-6.71*	
32 16 13 19-0014	LF	4' Wide Valley Gutter, 7" Thick	38.45	
		For Up To 20, Add	*20.09*	
		For >20 To 50, Add	*11.29*	
		For >50 To 100, Add	*4.40*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-7.57*	
32 16 13 19-0015	LF	5' Wide Valley Gutter, 7" Thick	44.97	
		For Up To 20, Add	*22.95*	
		For >20 To 50, Add	*12.87*	
		For >50 To 100, Add	*5.04*	
		For >500 To 1,000, Deduct	*-5.04*	
		For >1,000, Deduct	*-8.68*	
32 16 13 19-0016	LF	6' Wide Valley Gutter, 7" Thick	51.12	
		For Up To 20, Add	*25.55*	
		For >20 To 50, Add	*14.31*	
		For >50 To 100, Add	*5.62*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-9.71*	
32 16 13 19-0017	SF	>6' Wide Valley Gutter, 7" Thick	8.52	
		For Up To 100, Add	*4.26*	
		For >100 To 250, Add	*2.39*	
		For >250 To 500, Add	*0.94*	
		For >2,500 To 5,000, Deduct	*-0.94*	
		For >5,000, Deduct	*-1.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0018	LF	2' Wide Valley Gutter, 8" Thick	21.03	
		For Up To 20, Add	*11.45*	
		For >20 To 50, Add	*6.45*	
		For >50 To 100, Add	*2.50*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000, Deduct	*-4.28*	
32 16 13 19-0019	LF	2-1/2' Wide Valley Gutter, 8" Thick	25.66	
		For Up To 20, Add	*13.87*	
		For >20 To 50, Add	*7.81*	
		For >50 To 100, Add	*3.03*	
		For >500 To 1,000, Deduct	*-3.03*	
		For >1,000, Deduct	*-5.19*	
32 16 13 19-0020	LF	3' Wide Valley Gutter, 8" Thick	30.18	
		For Up To 20, Add	*16.21*	
		For >20 To 50, Add	*9.12*	
		For >50 To 100, Add	*3.54*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000, Deduct	*-6.07*	
32 16 13 19-0021	LF	3-1/2' Wide Valley Gutter, 8" Thick	34.70	
		For Up To 20, Add	*18.56*	
		For >20 To 50, Add	*10.44*	
		For >50 To 100, Add	*4.06*	
		For >500 To 1,000, Deduct	*-4.06*	
		For >1,000, Deduct	*-6.95*	
32 16 13 19-0022	LF	4' Wide Valley Gutter, 8" Thick	39.21	
		For Up To 20, Add	*20.90*	
		For >20 To 50, Add	*11.75*	
		For >50 To 100, Add	*4.57*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000, Deduct	*-7.84*	
32 16 13 19-0023	LF	5' Wide Valley Gutter, 8" Thick	45.75	
32 16 13 19-0024	LF	6' Wide Valley Gutter, 8" Thick	51.91	
32 16 13 19-0025	SF	>6' Wide Valley Gutter, 8" Thick	8.66	
		For Up To 100, Add	*4.42*	
		For >100 To 250, Add	*2.48*	
		For >250 To 500, Add	*0.97*	
		For >2,500 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-1.67*	

32 16 13 23 Precast Concrete Curbs And Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" X 18" Precast Concrete Curb	28.09	7.75
32 16 13 23-0003	LF	6" X 18" Precast Concrete Curb, Radius	33.19	8.91

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	10.80	4.09
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	12.19	4.55
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	13.46	5.01

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Granite Curbs *(32 16 13 43)*

32 16 13 43-0002 Split Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	21.80	7.64
		For Up To 20, Add	*9.47*	
		For >20 To 50, Add	*5.24*	
		For >50 To 100, Add	*2.11*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-3.71*	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	25.62	8.35
		For Up To 20, Add	*10.67*	
		For >20 To 50, Add	*5.89*	
		For >50 To 100, Add	*2.39*	
		For >500 To 1,000, Deduct	*-2.39*	
		For >1,000, Deduct	*-4.23*	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	28.22	8.96
		For Up To 20, Add	*11.61*	
		For >20 To 50, Add	*6.40*	
		For >50 To 100, Add	*2.60*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-4.61*	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	33.20	9.68
		For Up To 20, Add	*13.05*	
		For >20 To 50, Add	*7.16*	
		For >50 To 100, Add	*2.94*	
		For >500 To 1,000, Deduct	*-2.94*	
		For >1,000, Deduct	*-5.24*	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	26.64	8.35
		For Up To 20, Add	*10.85*	
		For >20 To 50, Add	*5.98*	
		For >50 To 100, Add	*2.44*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-4.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	30.45	8.96
		For Up To 20, Add	*12.06*	
		For >20 To 50, Add	*6.62*	
		For >50 To 100, Add	*2.72*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-4.83*	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	33.11	9.68
		For Up To 20, Add	*13.03*	
		For >20 To 50, Add	*7.16*	
		For >50 To 100, Add	*2.94*	
		For >500 To 1,000, Deduct	*-2.94*	
		For >1,000, Deduct	*-5.23*	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	38.09	10.29
		For Up To 20, Add	*14.47*	
		For >20 To 50, Add	*7.92*	
		For >50 To 100, Add	*3.27*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-5.86*	

32 16 13 43-0011 Sawn Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	21.80	7.64
		For Up To 20, Add	*9.47*	
		For >20 To 50, Add	*5.24*	
		For >50 To 100, Add	*2.11*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-3.71*	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	25.62	8.35
		For Up To 20, Add	*10.67*	
		For >20 To 50, Add	*5.89*	
		For >50 To 100, Add	*2.39*	
		For >500 To 1,000, Deduct	*-2.39*	
		For >1,000, Deduct	*-4.23*	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	28.28	8.96
		For Up To 20, Add	*11.65*	
		For >20 To 50, Add	*6.43*	
		For >50 To 100, Add	*2.61*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-4.63*	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	33.27	9.68
		For Up To 20, Add	*13.09*	
		For >20 To 50, Add	*7.19*	
		For >50 To 100, Add	*2.95*	
		For >500 To 1,000, Deduct	*-2.95*	
		For >1,000, Deduct	*-5.26*	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	29.92	8.35
		For Up To 20, Add	*11.53*	
		For >20 To 50, Add	*6.32*	
		For >50 To 100, Add	*2.61*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-4.66*	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	35.55	8.96
		For Up To 20, Add	*13.11*	
		For >20 To 50, Add	*7.15*	
		For >50 To 100, Add	*2.98*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-5.35*	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	39.32	9.68
		For Up To 20, Add	*14.30*	
		For >20 To 50, Add	*7.80*	
		For >50 To 100, Add	*3.25*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-5.86*	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	46.85	10.29
		For Up To 20, Add	*16.25*	
		For >20 To 50, Add	*8.81*	
		For >50 To 100, Add	*3.72*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000, Deduct	*-6.75*	

32 16 13 43-0020 Granite Base And Curbs *(32 16 13 43-0001)*

32 16 13 43-0021	LF	4" High Granite Base	25.26	10.19
		For Up To 20, Add	*11.82*	
		For >20 To 50, Add	*6.59*	
		For >50 To 100, Add	*2.62*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-4.56*	
32 16 13 43-0022	LF	6" High Granite Base	30.03	13.34
		For Up To 20, Add	*14.89*	
		For >20 To 50, Add	*8.33*	
		For >50 To 100, Add	*3.28*	
		For >500 To 1,000, Deduct	*-3.28*	
		For >1,000, Deduct	*-5.67*	

32 16 13 43-0023 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0024	LF	Removal And Reseting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	29.30

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0094 for pumping with boom truck, 03 31 13 00-0104 for buggies, 03 31 13 00-0111 for short loads, 03 31 13 00-0113 for delivery fee, 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk		6.87	
		For Up To 100, Add		*3.07*	
		For >100 To 500, Add		*0.88*	
		For >1,000 To 5,000, Deduct		*-0.54*	
		For >5,000, Deduct		*-1.15*	
		For Welded Wire Reinforcement, Add		*0.56*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk		7.39	
		For Up To 100, Add		*3.25*	
		For >100 To 500, Add		*0.93*	
		For >1,000 To 5,000, Deduct		*-0.56*	
		For >5,000, Deduct		*-1.21*	
		For Welded Wire Reinforcement, Add		*0.58*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk		7.91	
		For Up To 100, Add		*3.43*	
		For >100 To 500, Add		*0.97*	
		For >1,000 To 5,000, Deduct		*-0.58*	
		For >5,000, Deduct		*-1.26*	
		For Welded Wire Reinforcement, Add		*0.59*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk		9.18	
		For Up To 100, Add		*3.94*	
		For >100 To 500, Add		*1.12*	
		For >1,000 To 5,000, Deduct		*-0.66*	
		For >5,000, Deduct		*-1.44*	
		For Welded Wire Reinforcement, Add		*0.65*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk		9.61	
		For Up To 100, Add		*4.08*	
		For >100 To 500, Add		*1.15*	
		For >1,000 To 5,000, Deduct		*-0.67*	
		For >5,000, Deduct		*-1.48*	
		For Welded Wire Reinforcement, Add		*0.66*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk		1.92	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.		115.34	

32 16 23 00-0009 Bituminous Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0010	SY	1" Bituminous Sidewalk		8.90	
		For Up To 100, Add		*3.13*	
		For >100 To 500, Add		*0.81*	
		For >1,000 To 5,000, Deduct		*-0.36*	
		For >5,000, Deduct		*-0.81*	
32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk		11.25	
		For Up To 100, Add		*3.90*	
		For >100 To 500, Add		*1.00*	
		For >1,000 To 5,000, Deduct		*-0.43*	
		For >5,000, Deduct		*-1.00*	
32 16 23 00-0012	SY	2" Bituminous Sidewalk		15.91	
		For Up To 100, Add		*5.33*	
		For >100 To 500, Add		*1.33*	
		For >1,000 To 5,000, Deduct		*-0.54*	
		For >5,000, Deduct		*-1.33*	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk		19.91	
		For Up To 100, Add		*6.65*	
		For >100 To 500, Add		*1.66*	
		For >1,000 To 5,000, Deduct		*-0.67*	
		For >5,000, Deduct		*-1.66*	
32 16 23 00-0014	SY	3" Bituminous Sidewalk		23.12	
		For Up To 100, Add		*7.59*	
		For >100 To 500, Add		*1.88*	
		For >1,000 To 5,000, Deduct		*-0.72*	
		For >5,000, Deduct		*-1.88*	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk		26.89	
		For Up To 100, Add		*8.72*	
		For >100 To 500, Add		*2.14*	
		For >1,000 To 5,000, Deduct		*-0.80*	
		For >5,000, Deduct		*-2.14*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height		9.46	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height		12.84	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height		12.84	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height		18.13	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height		21.43	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	5.32	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	13.23	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	20.45	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	9.46	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	5.32	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	20.45	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	13.23	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	7.71	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	56.86	5.66
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	63.42	5.66

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	46.20	17.04
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	53.70	17.04
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	54.90	17.04
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	57.36	17.04
32 17 13 19-0005	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop With Dowels	53.70	17.04
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	67.26	17.04

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	26.43	5.66
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	31.11	5.66
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	32.98	5.66
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	35.79	5.66

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	7.87	1.37
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	10.26	1.37

32 17 13 33 Remove And Relocate Parking Bumpers *(32 17 13)*

32 17 13 33-0001	EA	Removal And Relocation Of Precast Concrete Wheel Stop	27.25
32 17 13 33-0002	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	17.72

32 17 16 Speed Bumps *(32 17)*

32 17 16 00-0001 Speed Bumps *(32 17 16)*

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	36.59	1.37
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	26.11	0.92
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	35.94	0.92

32 17 23 Pavement Markings *(32 17)*

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.22
		For Up To 1 Mile, Add	*0.04*
		For >5 Miles, Deduct	*-0.03*
		For Broken Line, Deduct	*-0.04*
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.29
		For Up To 1 Mile, Add	*0.06*
		For >5 Miles, Deduct	*-0.04*
		For Broken Line, Deduct	*-0.05*
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.37
		For Up To 1 Mile, Add	*0.07*
		For >5 Miles, Deduct	*-0.06*
		For Broken Line, Deduct	*-0.07*
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.50
		For Up To 1 Mile, Add	*0.10*
		For >5 Miles, Deduct	*-0.08*
		For Broken Line, Deduct	*-0.11*
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.32
		For Up To 1 Mile, Add	*0.06*
		For >5 Miles, Deduct	*-0.05*
		For Broken Line On One Side, Deduct	*-0.03*
		For Double Broken Line, Deduct	*-0.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.50	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0009	SF	Solid Area, Painted Reflective Pavement Striping	5.01	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0010	EA	6" High, Letter/Number, Alkyd Reflective Pavement Striping	3.60	
		For <10, Add	*0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 200, Deduct	*-0.33*	
		For >200, Deduct	*-0.67*	
32 17 23 13-0011	EA	12" High, Letter/Number, Alkyd Reflective Pavement Striping	6.00	
		For <10, Add	*0.75*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 200, Deduct	*-0.50*	
		For >200, Deduct	*-1.01*	
32 17 23 13-0012	EA	24" High, Letter/Number, Alkyd Reflective Pavement Striping	10.07	
		For <10, Add	*1.25*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 200, Deduct	*-0.84*	
		For >200, Deduct	*-1.67*	
32 17 23 13-0013	EA	36" High, Letter/Number, Alkyd Reflective Pavement Striping	19.72	
		For <10, Add	*2.51*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 200, Deduct	*-1.67*	
		For >200, Deduct	*-3.34*	
32 17 23 13-0014	EA	48" High, Letter/Number, Alkyd Reflective Pavement Striping	22.65	
		For <10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
32 17 23 13-0015	EA	72" High, Letter/Number, Alkyd Reflective Pavement Striping	40.47	
		For <10, Add	*5.00*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 200, Deduct	*-3.34*	
		For >200, Deduct	*-6.67*	
32 17 23 13-0016	EA	96" High, Letter/Number, Alkyd Reflective Pavement Striping	54.16	
		For <10, Add	*6.72*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 200, Deduct	*-4.48*	
		For >200, Deduct	*-8.96*	
32 17 23 13-0017	EA	120" High, Letter/Number, Alkyd Reflective Pavement Striping	76.42	
		For <10, Add	*8.33*	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 200, Deduct	*-5.55*	
		For >200, Deduct	*-11.10*	
32 17 23 13-0018	SF	Letter/Number, Painted Reflective Pavement Marking	5.71	
32 17 23 13-0019	SF	Symbols, Painted Reflective Pavement Marking	6.84	
		Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0020		Pavement Marking (CALTRANS) *(32 17 23 13-0001)*		
		Note: Per LF of detail.		
32 17 23 13-0021	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.19	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0022	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.26	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0023	LF	CALTRANS Detail 4 Centerline	0.48	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0024	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0025	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.27	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0026	LF	CALTRANS Detail 7 Centerline	0.35	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0027	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.19	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0028	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0029	LF	CALTRANS Detail 10 Lanelines	0.48	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0030	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0031	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0032	LF	CALTRANS Detail 13 Lanelines	0.35	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0033	LF	CALTRANS Detail 14 Lanelines	0.35	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0034	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0035	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0036	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.55	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
32 17 23 13-0037	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	1.38	
		For Up To 1 Mile, Add	*0.28*	
		For >5 Miles, Deduct	*-0.21*	
32 17 23 13-0038	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0039	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.47	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0040	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.17	
		For Up To 1 Mile, Add	*0.23*	
		For >5 Miles, Deduct	*-0.18*	
32 17 23 13-0041	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.28	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0042	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.59	
		For Up To 1 Mile, Add	*0.12*	
		For >5 Miles, Deduct	*-0.09*	
32 17 23 13-0043	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	1.65	
		For Up To 1 Mile, Add	*0.33*	
		For >5 Miles, Deduct	*-0.25*	
32 17 23 13-0044	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.22	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0045	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.30	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0046	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.38	
		For Up To 1 Mile, Add	*0.08*	
		For >5 Miles, Deduct	*-0.06*	
32 17 23 13-0047	LF	CALTRANS Detail 26 Left Edgelines	0.08	
		For Up To 1 Mile, Add	*0.02*	
		For >5 Miles, Deduct	*-0.01*	
32 17 23 13-0048	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.36	
		For Up To 1 Mile, Add	*0.07*	
		For >5 Miles, Deduct	*-0.05*	
32 17 23 13-0049	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.22	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0050	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0051	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.58	
		For Up To 1 Mile, Add	*0.12*	
		For >5 Miles, Deduct	*-0.09*	
		For Broken Line On One Side, Deduct	*-0.08*	
		For Double Broken Line, Deduct	*-0.17*	
32 17 23 13-0052	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	0.89	
		For Up To 1 Mile, Add	*0.18*	
		For >5 Miles, Deduct	*-0.13*	
32 17 23 13-0053	LF	CALTRANS Detail 30 Median Islands	3.30	
		For Up To 1 Mile, Add	*0.66*	
		For >5 Miles, Deduct	*-0.50*	
32 17 23 13-0054	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.50	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0055	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.89	
		For Up To 1 Mile, Add	*0.18*	
		For >5 Miles, Deduct	*-0.13*	
32 17 23 13-0056	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	2.26	
		For Up To 1 Mile, Add	*0.45*	
		For >5 Miles, Deduct	*-0.34*	
32 17 23 13-0057	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.47	
		For Up To 1 Mile, Add	*0.09*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0058	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0059	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.56	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
32 17 23 13-0060	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0061	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.05	
		For Up To 1 Mile, Add	*0.21*	
		For >5 Miles, Deduct	*-0.16*	
32 17 23 13-0062	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.70	
		For Up To 1 Mile, Add	*0.14*	
		For >5 Miles, Deduct	*-0.11*	
32 17 23 13-0063	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	0.75	
		For Up To 1 Mile, Add	*0.15*	
		For >5 Miles, Deduct	*-0.11*	
32 17 23 13-0064	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.65	
		For Up To 1 Mile, Add	*0.13*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0065	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	1.10	
		For Up To 1 Mile, Add	*0.22*	
		For >5 Miles, Deduct	*-0.17*	
32 17 23 13-0066	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.65	
		For Up To 1 Mile, Add	*0.13*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0067	LF	CALTRANS Detail 37C Lane Drop At Intersections	1.10	
		For Up To 1 Mile, Add	*0.22*	
		For >5 Miles, Deduct	*-0.17*	
32 17 23 13-0068	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.64	
		For Up To 1 Mile, Add	*0.13*	
		For >5 Miles, Deduct	*-0.10*	
32 17 23 13-0069	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.48	
		For Up To 1 Mile, Add	*0.10*	
		For >5 Miles, Deduct	*-0.07*	
32 17 23 13-0070	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	0.79	
		For Up To 1 Mile, Add	*0.16*	
		For >5 Miles, Deduct	*-0.12*	
32 17 23 13-0071	LF	CALTRANS Detail 38C Channelizing Line	1.65	
		For Up To 1 Mile, Add	*0.33*	
		For >5 Miles, Deduct	*-0.25*	
32 17 23 13-0072	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.29	
		For Up To 1 Mile, Add	*0.06*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0073	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.24	
		For Up To 1 Mile, Add	*0.05*	
		For >5 Miles, Deduct	*-0.04*	
32 17 23 13-0074	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0075	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	0.80	
		For Up To 1 Mile, Add	*0.16*	
		For >5 Miles, Deduct	*-0.12*	
32 17 23 13-0076	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.18	
		For Up To 1 Mile, Add	*0.04*	
		For >5 Miles, Deduct	*-0.03*	
32 17 23 13-0077	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	0.80	
		For Up To 1 Mile, Add	*0.16*	
		For >5 Miles, Deduct	*-0.12*	
32 17 23 13-0078	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	90.94	
		For <10, Add	*12.17*	
		For >50 To 100, Deduct	*-6.09*	
		For >100 To 200, Deduct	*-8.11*	
		For >200, Deduct	*-16.23*	
32 17 23 13-0079	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	159.49	
		For <10, Add	*21.30*	
		For >50 To 100, Deduct	*-10.65*	
		For >100 To 200, Deduct	*-14.20*	
		For >200, Deduct	*-28.40*	
32 17 23 13-0080	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	200.20	
		For <10, Add	*26.78*	
		For >50 To 100, Deduct	*-13.39*	
		For >100 To 200, Deduct	*-17.85*	
		For >200, Deduct	*-35.70*	
32 17 23 13-0081	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	291.14	
		For <10, Add	*38.95*	
		For >50 To 100, Deduct	*-19.47*	
		For >100 To 200, Deduct	*-25.97*	
		For >200, Deduct	*-51.93*	
32 17 23 13-0082	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	382.07	
		For <10, Add	*51.12*	
		For >50 To 100, Deduct	*-25.56*	
		For >100 To 200, Deduct	*-34.08*	
		For >200, Deduct	*-68.16*	
32 17 23 13-0083	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	268.74	
		For <10, Add	*35.90*	
		For >50 To 100, Deduct	*-17.95*	
		For >100 To 200, Deduct	*-23.94*	
		For >200, Deduct	*-47.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0084	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	468.94	
		For <10, Add	*62.68*	
		For >50 To 100, Deduct	*-31.34*	
		For >100 To 200, Deduct	*-41.79*	
		For >200, Deduct	*-83.57*	
32 17 23 13-0085	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	95.69	
		For <10, Add	*12.78*	
		For >50 To 100, Deduct	*-6.39*	
		For >100 To 200, Deduct	*-8.52*	
		For >200, Deduct	*-17.04*	
32 17 23 13-0086	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	209.72	
		For <10, Add	*27.99*	
		For >50 To 100, Deduct	*-14.00*	
		For >100 To 200, Deduct	*-18.66*	
		For >200, Deduct	*-37.33*	
32 17 23 13-0087	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	268.74	
		For <10, Add	*35.90*	
		For >50 To 100, Deduct	*-17.95*	
		For >100 To 200, Deduct	*-23.94*	
		For >200, Deduct	*-47.87*	
32 17 23 13-0088	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	173.17	
		For <10, Add	*23.12*	
		For >50 To 100, Deduct	*-11.56*	
		For >100 To 200, Deduct	*-15.42*	
		For >200, Deduct	*-30.83*	
32 17 23 13-0089	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	228.05	
		For <10, Add	*30.43*	
		For >50 To 100, Deduct	*-15.21*	
		For >100 To 200, Deduct	*-20.29*	
		For >200, Deduct	*-40.57*	
32 17 23 13-0090	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	45.47	
		For <10, Add	*6.09*	
		For >50 To 100, Deduct	*-3.04*	
		For >100 To 200, Deduct	*-4.06*	
		For >200, Deduct	*-8.11*	
32 17 23 13-0091	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	434.39	
		For <10, Add	*57.81*	
		For >50 To 100, Deduct	*-28.91*	
		For >100 To 200, Deduct	*-38.54*	
		For >200, Deduct	*-77.08*	
32 17 23 13-0092	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	5.65	
32 17 23 13-0093	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	41.07	
		For <10, Add	*4.38*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 200, Deduct	*-2.92*	
		For >200, Deduct	*-5.84*	
32 17 23 13-0094	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	43.50	
		For <10, Add	*4.62*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.08*	
		For >200, Deduct	*-6.17*	
32 17 23 13-0095	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	72.61	
		For <10, Add	*9.74*	
		For >50 To 100, Deduct	*-4.87*	
		For >100 To 200, Deduct	*-6.49*	
		For >200, Deduct	*-12.98*	
32 17 23 13-0096	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	147.53	
		For <10, Add	*19.72*	
		For >50 To 100, Deduct	*-9.86*	
		For >100 To 200, Deduct	*-13.14*	
		For >200, Deduct	*-26.29*	
32 17 23 13-0097	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	32.18	
		For <10, Add	*4.62*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 200, Deduct	*-3.08*	
		For >200, Deduct	*-6.17*	
32 17 23 13-0098	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	5.73	
32 17 23 13-0099	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	6.38	

32 17 23 13-0100 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0101	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.40	
		For 20 Mil Thickness, Add	*0.11*	
		For Up To 1 Mile, Add	*0.08*	
		For >5 Miles, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.17*	
32 17 23 13-0102	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.56	
		For 20 Mil Thickness, Add	*0.16*	
		For Up To 1 Mile, Add	*0.11*	
		For >5 Miles, Deduct	*-0.08*	
		For Broken Line, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0103	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.69	
		For 20 Mil Thickness, Add	*0.20*	
		For Up To 1 Mile, Add	*0.14*	
		For >5 Miles, Deduct	*-0.10*	
		For Broken Line, Deduct	*-0.31*	
32 17 23 13-0104	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.03	
		For 20 Mil Thickness, Add	*0.30*	
		For Up To 1 Mile, Add	*0.21*	
		For >5 Miles, Deduct	*-0.15*	
		For Broken Line, Deduct	*-0.50*	
32 17 23 13-0105	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.62	
		For 20 Mil Thickness, Add	*0.19*	
		For Up To 1 Mile, Add	*0.12*	
		For >5 Miles, Deduct	*-0.09*	
		For Broken Line On One Side, Deduct	*-0.17*	
		For Double Broken Line, Deduct	*-0.34*	
32 17 23 13-0106	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.90	
		For 20 Mil Thickness, Add	*0.27*	
		For Up To 1 Mile, Add	*0.18*	
		For >5 Miles, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.26*	
		For Double Broken Line, Deduct	*-0.51*	
32 17 23 13-0107	SF	Solid Area, Epoxy Reflective Pavement Marking Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	6.08	
		For 20 Mil Thickness, Add	*0.67*	
32 17 23 13-0108	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	3.81	
		For 20 Mil Thickness, Add	*0.34*	
		For <10, Add	*0.50*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 200, Deduct	*-0.33*	
		For >200, Deduct	*-0.67*	
32 17 23 13-0109	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	6.78	
		For 20 Mil Thickness, Add	*0.86*	
		For <10, Add	*0.75*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 200, Deduct	*-0.50*	
		For >200, Deduct	*-1.01*	
32 17 23 13-0110	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	11.42	
		For 20 Mil Thickness, Add	*1.48*	
		For <10, Add	*1.25*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 200, Deduct	*-0.84*	
		For >200, Deduct	*-1.67*	
32 17 23 13-0111	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	22.10	
		For 20 Mil Thickness, Add	*2.71*	
		For <10, Add	*2.51*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 200, Deduct	*-1.67*	
		For >200, Deduct	*-3.34*	
32 17 23 13-0112	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	25.75	
		For 20 Mil Thickness, Add	*3.36*	
		For <10, Add	*2.81*	
		For >50 To 100, Deduct	*-1.41*	
		For >100 To 200, Deduct	*-1.88*	
		For >200, Deduct	*-3.75*	
32 17 23 13-0113	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	46.13	
		For 20 Mil Thickness, Add	*6.08*	
		For <10, Add	*5.00*	
		For >50 To 100, Deduct	*-2.50*	
		For >100 To 200, Deduct	*-3.34*	
		For >200, Deduct	*-6.67*	
32 17 23 13-0114	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	61.61	
		For 20 Mil Thickness, Add	*8.06*	
		For <10, Add	*6.72*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 200, Deduct	*-4.48*	
		For >200, Deduct	*-8.96*	
32 17 23 13-0115	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	93.04	
		For 20 Mil Thickness, Add	*15.55*	
		For <10, Add	*8.33*	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 200, Deduct	*-5.55*	
		For >200, Deduct	*-11.10*	
32 17 23 13-0116	SF	Letter/Number, Epoxy Reflective Pavement Marking	6.24	
		For 20 Mil Thickness, Add	*0.68*	
32 17 23 13-0117	SF	Symbols, Epoxy Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.94	
		For 20 Mil Thickness, Add	*0.77*	

32 17 23 13-0118 Painted Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

32 17 23 13-0119 Painted Pavement Marking For Parking Areas *(32 17 23 13-0118)*

32 17 23 13-0120	LF	Single 4" Wide Solid Line, Painted Pavement Striping for Parking Areas	0.88	
32 17 23 13-0121	LF	Single 6" Wide Solid Line, Painted Pavement Striping for Parking Areas	0.96	
32 17 23 13-0122	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.03	
32 17 23 13-0123	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.14	
32 17 23 13-0124	SF	Solid Area, Painted Pavement Marking For Parking Areas Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	5.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0125	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.50	
		For Up To 10, Add	*0.49*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 200, Deduct	*-0.32*	
		For >200, Deduct	*-0.65*	
32 17 23 13-0126	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	5.81	
		For Up To 10, Add	*0.73*	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 200, Deduct	*-0.49*	
		For >200, Deduct	*-0.97*	
32 17 23 13-0127	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	9.77	
		For Up To 10, Add	*1.22*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 200, Deduct	*-0.81*	
		For >200, Deduct	*-1.62*	
32 17 23 13-0128	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	18.31	
		For Up To 10, Add	*2.31*	
		For >50 To 100, Deduct	*-1.16*	
		For >100 To 200, Deduct	*-1.54*	
		For >200, Deduct	*-3.08*	
32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	24.43	
		For Up To 10, Add	*3.16*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 200, Deduct	*-2.11*	
		For >200, Deduct	*-4.22*	
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	29.73	
		For Up To 10, Add	*3.89*	
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.60*	
		For >200, Deduct	*-5.19*	
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	39.34	
		For Up To 10, Add	*4.87*	
		For >50 To 100, Deduct	*-2.43*	
		For >100 To 200, Deduct	*-3.25*	
		For >200, Deduct	*-6.49*	
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	67.64	
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	76.13	
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	105.32	
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	107.28	
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	137.63	
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	28.59	
		For Blue Background With White Symbol, Add	*19.69*	
		For Blue Background With White Symbol And Border, Add	*24.61*	
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	40.35	
		For Blue Background With White Symbol, Add	*38.65*	
		For Blue Background With White Symbol And Border, Add	*48.32*	

32 17 23 13-0139 Painted Curbs *(32 17 23 13)*

Note: All colors.

32 17 23 13-0140	LF	Reflective Painted Curb	2.17	
32 17 23 13-0141	LF	Reflective Painted Curb And Gutter	3.93	
32 17 23 13-0142	LF	Painted Curb	1.75	
32 17 23 13-0143	LF	Painted Curb And Gutter	3.47	

32 17 23 13-0144 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

32 17 23 13-0145	LF	2" Wide Marking For Outdoor Play Areas	0.70	
32 17 23 13-0146	LF	3" Wide Marking For Outdoor Play Areas	0.80	
32 17 23 13-0147	LF	4" Wide Marking For Outdoor Play Areas	0.90	
32 17 23 13-0148	LF	6" Wide Marking For Outdoor Play Areas	1.06	
32 17 23 13-0149	EA	Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	273.24	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

32 17 23 23-0001 Raised Pavement Markers (RPMs) *(32 17 23 23)*

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	3.59	2.06
		For >100, Deduct	*-0.36*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	3.76	2.06
		For >100, Deduct	*-0.38*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	4.44	2.06
		For >100, Deduct	*-0.44*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	3.36	2.06
		For >100, Deduct	*-0.34*	

32 17 23 23-0006 Snowplowable Pavement Markers *(32 17 23 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	50.36	23.65
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	50.52	23.65
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	14.07	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	18.18	

32 17 23 33 Plastic Pavement Markings *(32 17 23)*

32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 33-0002 Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: 90 mil thickness.

32 17 23 33-0003	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping	0.89
		For Up To 1 Mile, Add	*0.18*
		For >5 Miles, Deduct	*-0.13*
		For 60 mils Thick, Deduct	*-0.12*
		For 125 mils Thick, Add	*0.15*
		For Broken Line, Deduct	*-0.50*
32 17 23 33-0004	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.27
		For Up To 1 Mile, Add	*0.25*
		For >5 Miles, Deduct	*-0.19*
		For 60 mils Thick, Deduct	*-0.17*
		For 125 mils Thick, Add	*0.22*
		For Broken Line, Deduct	*-0.74*
32 17 23 33-0005	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.68
		For Up To 1 Mile, Add	*0.34*
		For >5 Miles, Deduct	*-0.25*
		For 60 mils Thick, Deduct	*-0.23*
		For 125 mils Thick, Add	*0.30*
		For Broken Line, Deduct	*-0.99*
32 17 23 33-0006	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping	2.45
		For Up To 1 Mile, Add	*0.49*
		For >5 Miles, Deduct	*-0.37*
		For 60 mils Thick, Deduct	*-0.35*
		For 125 mils Thick, Add	*0.45*
		For Broken Line, Deduct	*-1.49*
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	1.68
		For Up To 1 Mile, Add	*0.34*
		For >5 Miles, Deduct	*-0.25*
		For 60 mils Thick, Deduct	*-0.23*
		For 125 mils Thick, Add	*0.30*
		For Broken Line On One Side, Deduct	*-0.50*
		For Double Broken Line, Deduct	*-0.99*
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	2.45
		For Up To 1 Mile, Add	*0.49*
		For >5 Miles, Deduct	*-0.37*
		For 60 mils Thick, Deduct	*-0.35*
		For 125 mils Thick, Add	*0.45*
		For Broken Line On One Side, Deduct	*-0.74*
		For Double Broken Line, Deduct	*-1.49*
32 17 23 33-0009	SF	Solid Area, Thermoplastic Reflective Pavement Marking Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	6.84
		For 60 mils Thick, Deduct	*-0.34*
		For 125 mils Thick, Add	*0.44*
32 17 23 33-0010	EA	6" High, Letter/Number, Thermoplastic Reflective Pavement Marking	4.65
		For Up To 10, Add	*0.55*
		For >50 To 100, Deduct	*-0.27*
		For >100 To 200, Deduct	*-0.37*
		For >200, Deduct	*-0.73*
		For 60 mils Thick, Deduct	*-0.18*
		For 125 mils Thick, Add	*0.23*
32 17 23 33-0011	EA	12" High, Letter/Number, Thermoplastic Reflective Pavement Marking	9.14
		For Up To 10, Add	*0.83*
		For >50 To 100, Deduct	*-0.41*
		For >100 To 200, Deduct	*-0.55*
		For >200, Deduct	*-1.10*
		For 60 mils Thick, Deduct	*-0.63*
		For 125 mils Thick, Add	*0.81*
32 17 23 33-0012	EA	24" High, Letter/Number, Thermoplastic Reflective Pavement Marking	15.51
		For Up To 10, Add	*1.38*
		For >50 To 100, Deduct	*-0.69*
		For >100 To 200, Deduct	*-0.92*
		For >200, Deduct	*-1.83*
		For 60 mils Thick, Deduct	*-1.11*
		For 125 mils Thick, Add	*1.43*
32 17 23 33-0013	EA	36" High, Letter/Number, Thermoplastic Reflective Pavement Marking	29.56
		For Up To 10, Add	*2.76*
		For >50 To 100, Deduct	*-1.38*
		For >100 To 200, Deduct	*-1.84*
		For >200, Deduct	*-3.68*
		For 60 mils Thick, Deduct	*-1.95*
		For 125 mils Thick, Add	*2.51*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0014	EA	48" High, Letter/Number, Thermoplastic Reflective Pavement Marking	35.10	
		For Up To 10, Add	*3.09*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 200, Deduct	*-2.06*	
		For >200, Deduct	*-4.12*	
		For 60 mils Thick, Deduct	*-2.54*	
		For 125 mils Thick, Add	*3.26*	
32 17 23 33-0015	EA	72" High, Letter/Number, Thermoplastic Reflective Pavement Marking	63.15	
		For Up To 10, Add	*5.50*	
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 200, Deduct	*-3.67*	
		For >200, Deduct	*-7.34*	
		For 60 mils Thick, Deduct	*-4.63*	
		For 125 mils Thick, Add	*5.96*	
32 17 23 33-0016	EA	96" High, Letter/Number, Thermoplastic Reflective Pavement Marking	84.08	
		For Up To 10, Add	*7.39*	
		For >50 To 100, Deduct	*-3.69*	
		For >100 To 200, Deduct	*-4.93*	
		For >200, Deduct	*-9.85*	
		For 60 mils Thick, Deduct	*-6.10*	
		For 125 mils Thick, Add	*7.84*	
32 17 23 33-0017	EA	120" High, Letter/Number, Thermoplastic Reflective Pavement Marking	138.76	
		For Up To 10, Add	*9.15*	
		For >50 To 100, Deduct	*-4.58*	
		For >100 To 200, Deduct	*-6.10*	
		For >200, Deduct	*-12.20*	
		For 60 mils Thick, Deduct	*-13.60*	
		For 125 mils Thick, Add	*17.49*	
32 17 23 33-0018	SF	Letter/Number, Thermoplastic Reflective Pavement Marking	8.03	
		For 60 mils Thick, Deduct	*-0.44*	
		For 125 mils Thick, Add	*0.56*	
32 17 23 33-0019	SY	Cross Hatch, Thermoplastic Reflective Pavement Marking	54.26	
		For 60 mils Thick, Deduct	*-3.11*	
		For 125 mils Thick, Add	*3.99*	
32 17 23 33-0020	EA	Handicap Symbol, Thermoplastic Reflective Pavement Marking	212.58	
		For 60 mils Thick, Deduct	*-10.09*	
		For 125 mils Thick, Add	*12.98*	
32 17 23 33-0021	SY	Solid Area, Thermoplastic Reflective Pavement Marking	67.08	
		For 60 mils Thick, Deduct	*-3.11*	
		For 125 mils Thick, Add	*3.99*	
32 17 23 33-0022	EA	Railroad Symbol, Thermoplastic Reflective Pavement Marking	629.94	
		For 60 mils Thick, Deduct	*-30.72*	
		For 125 mils Thick, Add	*39.50*	
32 17 23 33-0023	EA	Bike Lane Symbol, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	111.91	
		For 60 mils Thick, Deduct	*-13.91*	
		For 125 mils Thick, Add	*17.88*	
32 17 23 33-0024	EA	Diamond Symbol, Thermoplastic Reflective Pavement Marking	101.67	
		For 60 mils Thick, Deduct	*-4.83*	
		For 125 mils Thick, Add	*6.21*	
32 17 23 33-0025	SF	Symbols, Thermoplastic Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	9.24	
		For 60 mils Thick, Deduct	*-0.44*	
		For 125 mils Thick, Add	*0.56*	
32 17 23 33-0026	EA	10' Arrow, Type I, Thermoplastic Reflective Pavement Marking	129.39	
		For 60 mils Thick, Deduct	*-6.14*	
		For 125 mils Thick, Add	*7.90*	
32 17 23 33-0027	EA	18' Arrow, Type I, Thermoplastic Reflective Pavement Marking	231.06	
		For 60 mils Thick, Deduct	*-10.97*	
		For 125 mils Thick, Add	*14.11*	
32 17 23 33-0028	EA	24' Arrow, Type I, Thermoplastic Reflective Pavement Marking	286.52	
		For 60 mils Thick, Deduct	*-13.60*	
		For 125 mils Thick, Add	*17.49*	
32 17 23 33-0029	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, Thermoplastic Reflective Pavement Marking	415.91	
		For 60 mils Thick, Deduct	*-19.75*	
		For 125 mils Thick, Add	*25.39*	
32 17 23 33-0030	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, Thermoplastic Reflective Pavement Marking	545.31	
		For 60 mils Thick, Deduct	*-25.89*	
		For 125 mils Thick, Add	*33.29*	
32 17 23 33-0031	EA	24' Arrow Single (L or R) Turn Arrow, Type III, Thermoplastic Reflective Pavement Marking	388.19	
		For 60 mils Thick, Deduct	*-18.43*	
		For 125 mils Thick, Add	*23.70*	
32 17 23 33-0032	EA	24' Arrow Both (L and R) Turn Arrows, Type III, Thermoplastic Reflective Pavement Marking	674.70	
		For 60 mils Thick, Deduct	*-32.04*	
		For 125 mils Thick, Add	*41.19*	
32 17 23 33-0033	EA	8' Turn Arrow (L or R), Type IV, Thermoplastic Reflective Pavement Marking	138.64	
		For 60 mils Thick, Deduct	*-6.58*	
		For 125 mils Thick, Add	*8.46*	
32 17 23 33-0034	EA	24' Arrow, Type V, Thermoplastic Reflective Pavement Marking	305.00	
		For 60 mils Thick, Deduct	*-14.48*	
		For 125 mils Thick, Add	*18.62*	
32 17 23 33-0035	EA	18' Arrow, Type VI, Thermoplastic Reflective Pavement Marking	388.19	
		For 60 mils Thick, Deduct	*-18.43*	
		For 125 mils Thick, Add	*23.70*	
32 17 23 33-0036	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, Thermoplastic Reflective Pavement Marking	249.55	
		For 60 mils Thick, Deduct	*-11.85*	
		For 125 mils Thick, Add	*15.23*	
32 17 23 33-0037	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, Thermoplastic Reflective Pavement Marking	332.72	
		For 60 mils Thick, Deduct	*-15.80*	
		For 125 mils Thick, Add	*20.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0038	EA	5' Arrow, Bike Lane, Thermoplastic Reflective Pavement Marking	64.70	
		For 60 mils Thick, Deduct	*-3.07*	
		For 125 mils Thick, Add	*3.95*	
32 17 23 33-0039		**Thermoplastic Reflective Pavement Striping By Hand For Repairs** *(32 17 23 33-0001)*		
32 17 23 33-0040	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.37	
		For 60 mils Thick, Deduct	*-0.12*	
		For 125 mils Thick, Add	*0.15*	
32 17 23 33-0041	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.94	
		For 60 mils Thick, Deduct	*-0.17*	
		For 125 mils Thick, Add	*0.22*	
32 17 23 33-0042	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.60	
		For 60 mils Thick, Deduct	*-0.23*	
		For 125 mils Thick, Add	*0.30*	
32 17 23 33-0043	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.13	
		For 60 mils Thick, Deduct	*-0.35*	
		For 125 mils Thick, Add	*0.45*	
32 17 23 33-0044	LF	Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	9.09	
		For 60 mils Thick, Deduct	*-0.69*	
		For 125 mils Thick, Add	*0.89*	
32 17 23 33-0045		**Preformed, Patterned Reflective Pavement Marking Tape** *(32 17 23 33-0001)* Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0046	LF	Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	1.86	
		For Up To 1 Mile, Add	*0.37*	
		For >5 Miles, Deduct	*-0.28*	
32 17 23 33-0047	LF	Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	2.74	
		For Up To 1 Mile, Add	*0.55*	
		For >5 Miles, Deduct	*-0.41*	
32 17 23 33-0048	LF	Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	3.64	
		For Up To 1 Mile, Add	*0.73*	
		For >5 Miles, Deduct	*-0.55*	
32 17 23 33-0049	LF	Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	5.39	
		For Up To 1 Mile, Add	*1.08*	
		For >5 Miles, Deduct	*-0.81*	
32 17 23 33-0050	SF	Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	16.15	
32 17 23 33-0051	EA	6" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	23.81	
		For <10, Add	*1.00*	
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 200, Deduct	*-0.67*	
		For >200, Deduct	*-1.33*	
32 17 23 33-0052	EA	12" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	41.11	
		For <10, Add	*1.27*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 200, Deduct	*-0.84*	
		For >200, Deduct	*-1.69*	
32 17 23 33-0053	EA	24" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	71.26	
		For <10, Add	*2.51*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 200, Deduct	*-1.67*	
		For >200, Deduct	*-3.34*	
32 17 23 33-0054	EA	36" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	105.52	
		For <10, Add	*5.01*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 200, Deduct	*-3.34*	
		For >200, Deduct	*-6.69*	
32 17 23 33-0055	EA	48" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	123.20	
		For <10, Add	*5.62*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 200, Deduct	*-3.75*	
		For >200, Deduct	*-7.50*	
32 17 23 33-0056	EA	72" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	163.04	
		For <10, Add	*10.01*	
		For >50 To 100, Deduct	*-5.00*	
		For >100 To 200, Deduct	*-6.67*	
		For >200, Deduct	*-13.34*	
32 17 23 33-0057	EA	96" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	209.18	
		For <10, Add	*13.44*	
		For >50 To 100, Deduct	*-6.72*	
		For >100 To 200, Deduct	*-8.96*	
		For >200, Deduct	*-17.92*	
32 17 23 33-0058	EA	120" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	261.82	
		For <10, Add	*16.65*	
		For >50 To 100, Deduct	*-8.33*	
		For >100 To 200, Deduct	*-11.10*	
		For >200, Deduct	*-22.20*	
32 17 23 33-0059	SF	Preformed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape	16.80	
32 17 23 33-0060	SF	Preformed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	18.01	
32 17 23 33-0061		**Preformed, Thermoplastic Reflective Pavement Marking** *(32 17 23 33-0001)* Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0062	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	117.74	
32 17 23 33-0063	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	308.86	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0064	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	77.19	
32 17 23 33-0065	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	71.89	
32 17 23 33-0066	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	113.85	
32 17 23 33-0067	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	78.22	
32 17 23 33-0068	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	123.23	
32 17 23 33-0069	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	190.72	
32 17 23 33-0070	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	271.49	
32 17 23 33-0071	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	121.81	
32 17 23 33-0072	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	131.19	
32 17 23 33-0073	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	213.68	
32 17 23 33-0074	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	199.65	
32 17 23 33-0075	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	202.08	
32 17 23 33-0076	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	257.93	

32 17 23 33-0077 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas
(32 17 23 33)

32 17 23 33-0078 Thermoplastic Pavement Marking Tape For Parking Areas *(32 17 23 33-0077)*
Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0079	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	46.91	
32 17 23 33-0080	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	137.96	
32 17 23 33-0081	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	85.80	
32 17 23 33-0082	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	100.62	
32 17 23 33-0083	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	105.05	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)*
Note: Truncated dome, raised strips or directional bars. All colors.

32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes surface preparation, adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	55.86	7.87
32 17 26 00-0003	SF	Cast In Place VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	45.62	7.87

32 17 26 00-0004 Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)*
Note: Pre-molded tactile dome sheet. All colors.

32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	50.29	7.87
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	43.20	7.87

32 30 Site Improvements *(32)*

32 31 Fences And Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001 Gate Operators *(32 31 11)*
Note: Excludes gates, electrical connections, access controls and concrete foundation.

32 31 11 00-0002 Swing Gate Actuator *(32 31 11 00-0001)*

32 31 11 00-0003 Single Gate, Swing Gate Actuator *(32 31 11 00-0002)*

32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary operator with a 10' wide gate capacity.	1,015.20	170.09
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary operator with a 14' wide gate capacity.	1,307.70	170.09

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0006		Dual Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.	2,030.40	340.20
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	2,615.40	340.20
32 31 11 00-0009		Swing Gate Operators *(32 31 11 00-0001)*		
32 31 11 00-0010		Single Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary operator with a 10' wide and 400# gate capacity.	1,930.20	170.09
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary operator with a 14' wide and 500# gate capacity.	2,087.70	170.09
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with an 18' wide and 700# gate capacity.	2,785.20	170.09
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with a 22' wide and 800# gate capacity.	3,137.70	170.09
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015		Dual Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary and one secondary operator each with a 10' wide and 400# gate capacity.	3,447.90	340.20
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary and one secondary operator each with a 14' wide and 500# gate capacity.	3,762.90	340.20
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with an 18' wide and 700# gate capacity.	5,150.40	340.20
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with a 22' wide and 800# gate capacity.	5,922.90	340.20
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020		Sliding Gate Operators *(32 31 11 00-0001)* Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	1,577.70	170.09
32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,208.24	204.12
32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	2,733.24	204.12
32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	3,570.02	238.14
32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,380.02	238.14
32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	5,978.07	272.16
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	9,994.32	272.16
32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	16,947.36	306.18
32 31 11 00-0029		Accessories For Gate Actuators And Operators *(32 31 11 00-0001)*		
32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	387.76	
32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	759.77	
32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	436.08	
32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	496.62	
32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	451.62	
32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	342.87	
32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators	5.56	
32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators	4.43	
32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators	6.18	
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators	5.87	

32 31 13 Chain Link Fences And Gates *(32 31)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 13 13 Chain Link Fences And Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	7.24	
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	8.14	
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.65	
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.86	
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.85	
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.03	
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.47	
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.29	
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	18.62	
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	21.71	
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	26.06	
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	32.57	

32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	55.30	
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	16.00	

32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

See CSI section 03 21 00 00-0000 for reinforcing bars.

32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	4.07	
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	5.23	
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	5.70	
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	6.43	
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	9.00	
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	12.00	
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	14.64	
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	17.00	
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	22.79	
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	27.90	
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	32.85	
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	37.95	

32 31 13 13-0032 Grout Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	4.92	
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	6.36	
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	6.87	
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	7.60	
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	10.51	
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	14.03	
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	17.05	
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	19.71	
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	25.96	
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	31.29	
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	36.43	
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	41.62	

32 31 13 13-0045 Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	3.78	
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	4.93	
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	5.16	
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	5.31	
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	7.08	
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	9.45	
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	11.33	
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	12.85	
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	15.67	
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	17.57	
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	19.28	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	20.79	

32 31 13 13-0058 Fence Posts *(32 31 13 13)*

Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0059 Fence Posts *(32 31 13 13-0058)*

32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel *(32 31 13 13-0059)*

Note: Includes cap and accessories.

32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	9.64	2.45
		For Each Top Rail Fitting, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	8.95	2.08
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	8.09	1.73
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	7.41	1.36
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	6.96	1.18
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	6.24	0.81
		For Each Top Rail Fitting, Add	*0.85*	

32 31 13 13-0067 Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) *(32 31 13 13-0059)*

Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0068	LF	1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	7.16	2.27
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.71*	
32 31 13 13-0069	LF	1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	6.45	1.90
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.64*	
32 31 13 13-0070	LF	1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	5.68	1.54
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.56*	
32 31 13 13-0071	LF	1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	5.07	1.18
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.50*	
32 31 13 13-0072	LF	1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	4.66	1.00
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.46*	
32 31 13 13-0073	LF	1-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	4.22	0.81
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.66*	
		For Vinyl Coated, Add	*1.57*	
		For Powder Coated, Add	*2.10*	
		For Aluminum Coated, Add	*3.28*	
		For Schedule 20, Deduct	*-0.52*	
		For Schedule 80, Add	*1.42*	

32 31 13 13-0074 Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*

Note: 2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	7.89	2.36
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	7.26	2.00
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*1.94*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	6.44	1.63
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*1.86*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	5.79	1.27
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*1.80*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	5.36	1.09
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*1.75*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	4.96	0.91
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*0.80*	
		For Vinyl Coated, Add	*1.92*	
		For Powder Coated, Add	*2.56*	
		For Aluminum Coated, Add	*4.00*	
		For Schedule 20, Deduct	*-0.64*	
		For Schedule 80, Add	*1.71*	

32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	9.21	2.54
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.54*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	8.52	2.18
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.47*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	7.66	1.73
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	6.98	1.36
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.32*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	6.53	1.18
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.27*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	6.10	0.91
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.07*	
		For Vinyl Coated, Add	*2.56*	
		For Powder Coated, Add	*3.41*	
		For Aluminum Coated, Add	*5.33*	
		For Schedule 20, Deduct	*-0.85*	
		For Schedule 80, Add	*2.23*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	11.80	2.72
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.60*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	11.05	2.36
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.52*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	10.14	1.90
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.43*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	9.39	1.54
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.36*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	8.88	1.27
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	8.40	1.00
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.59*	
		For Vinyl Coated, Add	*3.82*	
		For Powder Coated, Add	*5.09*	
		For Aluminum Coated, Add	*7.95*	
		For Schedule 20, Deduct	*-1.27*	
		For Schedule 80, Add	*3.26*	

32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	16.07	2.90
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.54*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.12	2.36
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.44*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.32	2.00
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.36*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.53	1.63
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.28*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.52	1.63
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.28*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	12.61	1.18
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.59*	
		For Vinyl Coated, Add	*6.20*	
		For Powder Coated, Add	*8.27*	
		For Aluminum Coated, Add	*12.93*	
		For Schedule 20, Deduct	*-2.07*	
		For Schedule 80, Add	*5.19*	

32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	28.28	3.17
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*11.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	27.26	2.63
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*11.06*	
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	26.35	2.18
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*10.96*	
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	25.46	1.73
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*10.88*	
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	24.95	1.54
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*10.82*	
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	24.44	1.27
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.48*	
		For Vinyl Coated, Add	*13.15*	
		For Powder Coated, Add	*17.54*	
		For Aluminum Coated, Add	*27.40*	
		For Schedule 20, Deduct	*-4.38*	
		For Schedule 80, Add	*10.77*	

32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	51.99	3.54
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*22.27*	
32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	50.84	3.00
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*22.15*	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	49.83	2.45
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*22.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	48.81	1.90
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*21.95*	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	48.29	1.63
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*21.90*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	47.72	1.36
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*11.23*	
		For Vinyl Coated, Add	*26.95*	
		For Powder Coated, Add	*35.94*	
		For Aluminum Coated, Add	*56.15*	
		For Schedule 20, Deduct	*-8.98*	
		For Schedule 80, Add	*21.84*	

32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	46.36
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" Round Chain Link Fence Post Note: OZ-Post HB-700.	46.36
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" Round Chain Link Fence Post Note: OZ-Post IS-600.	47.18
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" Round Chain Link Fence Post Note: OZ-Post ISW-850.	57.31

32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	54.84
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	53.61
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	55.09
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	57.31
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	57.31

32 31 13 13-0128 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	50.75
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	56.07
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	58.95
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	58.96
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	64.30
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	68.08

32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	50.75
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	56.07
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	58.96
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	59.61

32 31 13 13-0140 Chain Link Fence Assemblies *(32 31 13 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0141		Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0140)*		
		Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0639 for barb wire attachments.		
32 31 13 13-0142		Galvanized *(32 31 13 13-0141)*		
32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	20.86	3.08
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.65*	
		For 13 Gauge Fabric, Deduct	*-3.05*	
		For 11 Gauge Fabric, Deduct	*-1.78*	
		For 6 Gauge Fabric, Add	*2.80*	
		For 1" Mesh Fabric, Add	*3.82*	
		For 1-3/4" Mesh Fabric, Add	*1.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.02*	
		For Posts 8' On Centers, Add	*1.19*	
		For Posts 5' On Centers, Add	*4.54*	
		For Up To 100, Add	*4.34*	
		For >100 To 250, Add	*1.65*	
		For >2,500 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.65*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	21.66	3.08
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.70*	
		For 13 Gauge Fabric, Deduct	*-3.26*	
		For 11 Gauge Fabric, Deduct	*-1.90*	
		For 6 Gauge Fabric, Add	*2.99*	
		For 1" Mesh Fabric, Add	*4.08*	
		For 1-3/4" Mesh Fabric, Add	*1.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.82*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.09*	
		For Posts 8' On Centers, Add	*1.23*	
		For Posts 5' On Centers, Add	*4.70*	
		For Up To 100, Add	*4.48*	
		For >100 To 250, Add	*1.70*	
		For >2,500 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.70*	
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	22.32	3.08
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.74*	
		For 13 Gauge Fabric, Deduct	*-3.43*	
		For 11 Gauge Fabric, Deduct	*-2.00*	
		For 6 Gauge Fabric, Add	*3.15*	
		For 1" Mesh Fabric, Add	*4.29*	
		For 1-3/4" Mesh Fabric, Add	*1.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.86*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.14*	
		For Posts 8' On Centers, Add	*1.27*	
		For Posts 5' On Centers, Add	*4.83*	
		For Up To 100, Add	*4.59*	
		For >100 To 250, Add	*1.74*	
		For >2,500 To 5,000, Deduct	*-0.87*	
		For >5,000, Deduct	*-1.74*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	23.93	3.08
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.84*	
		For 13 Gauge Fabric, Deduct	*-3.84*	
		For 11 Gauge Fabric, Deduct	*-2.25*	
		For 6 Gauge Fabric, Add	*3.53*	
		For 1" Mesh Fabric, Add	*4.81*	
		For 1-3/4" Mesh Fabric, Add	*1.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.96*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.28*	
		For Posts 8' On Centers, Add	*1.35*	
		For Posts 5' On Centers, Add	*5.14*	
		For Up To 100, Add	*4.88*	
		For >100 To 250, Add	*1.84*	
		For >2,500 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.84*	
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	25.96	3.08
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.98*	
		For 13 Gauge Fabric, Deduct	*-4.26*	
		For 11 Gauge Fabric, Deduct	*-2.49*	
		For 6 Gauge Fabric, Add	*3.91*	
		For 1" Mesh Fabric, Add	*5.33*	
		For 1-3/4" Mesh Fabric, Add	*2.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.07*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.42*	
		For Posts 8' On Centers, Add	*1.46*	
		For Posts 5' On Centers, Add	*5.56*	
		For Up To 100, Add	*5.26*	
		For >100 To 250, Add	*1.98*	
		For >2,500 To 5,000, Deduct	*-0.99*	
		For >5,000, Deduct	*-1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	27.16	4.63
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.07*	
		For 13 Gauge Fabric, Deduct	*-4.50*	
		For 11 Gauge Fabric, Deduct	*-2.63*	
		For 6 Gauge Fabric, Add	*4.13*	
		For 1" Mesh Fabric, Add	*5.63*	
		For 1-3/4" Mesh Fabric, Add	*2.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.50*	
		For Posts 8' On Centers, Add	*1.53*	
		For Posts 5' On Centers, Add	*5.81*	
		For Up To 100, Add	*5.50*	
		For >100 To 250, Add	*2.07*	
		For >2,500 To 5,000, Deduct	*-1.03*	
		For >5,000, Deduct	*-2.07*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	30.33	5.40
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.27*	
		For 13 Gauge Fabric, Deduct	*-5.28*	
		For 11 Gauge Fabric, Deduct	*-3.08*	
		For 6 Gauge Fabric, Add	*4.84*	
		For 1" Mesh Fabric, Add	*6.60*	
		For 1-3/4" Mesh Fabric, Add	*2.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.32*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.76*	
		For Posts 8' On Centers, Add	*1.70*	
		For Posts 5' On Centers, Add	*6.44*	
		For Up To 100, Add	*6.06*	
		For >100 To 250, Add	*2.27*	
		For >2,500 To 5,000, Deduct	*-1.14*	
		For >5,000, Deduct	*-2.27*	
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	32.38	6.94
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.41*	
		For 13 Gauge Fabric, Deduct	*-5.74*	
		For 11 Gauge Fabric, Deduct	*-3.35*	
		For 6 Gauge Fabric, Add	*5.27*	
		For 1" Mesh Fabric, Add	*7.19*	
		For 1-3/4" Mesh Fabric, Add	*2.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.44*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.92*	
		For Posts 8' On Centers, Add	*1.81*	
		For Posts 5' On Centers, Add	*6.86*	
		For Up To 100, Add	*6.44*	
		For >100 To 250, Add	*2.41*	
		For >2,500 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-2.41*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	34.45	7.71
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.55*	
		For 13 Gauge Fabric, Deduct	*-6.21*	
		For 11 Gauge Fabric, Deduct	*-3.63*	
		For 6 Gauge Fabric, Add	*5.70*	
		For 1" Mesh Fabric, Add	*7.77*	
		For 1-3/4" Mesh Fabric, Add	*3.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.55*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.07*	
		For Posts 8' On Centers, Add	*1.92*	
		For Posts 5' On Centers, Add	*7.28*	
		For Up To 100, Add	*6.83*	
		For >100 To 250, Add	*2.55*	
		For >2,500 To 5,000, Deduct	*-1.28*	
		For >5,000, Deduct	*-2.55*	

32 31 13 13-0152 Vinyl Coated *(32 31 13 13-0141)*

32 31 13 13-0153	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	23.20	3.08
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*1.61*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.78*	
		For 13 Gauge Fabric, Deduct	*-3.73*	
		For 11 Gauge Fabric, Deduct	*-2.18*	
		For 6 Gauge Fabric, Add	*3.43*	
		For 1" Mesh Fabric, Add	*4.67*	
		For 1-3/4" Mesh Fabric, Add	*1.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.25*	
		For Posts 8' On Centers, Add	*1.31*	
		For Posts 5' On Centers, Add	*4.99*	
		For Up To 100, Add	*4.73*	
		For >100 To 250, Add	*1.78*	
		For >2,500 To 5,000, Deduct	*-0.89*	
		For >5,000, Deduct	*-1.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0154	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	25.03	3.08
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*1.82*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.90*	
		For 13 Gauge Fabric, Deduct	*-4.23*	
		For 11 Gauge Fabric, Deduct	*-2.47*	
		For 6 Gauge Fabric, Add	*3.88*	
		For 1" Mesh Fabric, Add	*5.29*	
		For 1-3/4" Mesh Fabric, Add	*2.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.06*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.41*	
		For Posts 8' On Centers, Add	*1.41*	
		For Posts 5' On Centers, Add	*5.34*	
		For Up To 100, Add	*5.04*	
		For >100 To 250, Add	*1.90*	
		For >2,500 To 5,000, Deduct	*-0.95*	
		For >5,000, Deduct	*-1.90*	
32 31 13 13-0155	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	28.22	3.08
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.18*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.10*	
		For 13 Gauge Fabric, Deduct	*-5.05*	
		For 11 Gauge Fabric, Deduct	*-2.95*	
		For 6 Gauge Fabric, Add	*4.63*	
		For 1" Mesh Fabric, Add	*6.32*	
		For 1-3/4" Mesh Fabric, Add	*2.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.26*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.68*	
		For Posts 8' On Centers, Add	*1.58*	
		For Posts 5' On Centers, Add	*5.97*	
		For Up To 100, Add	*5.60*	
		For >100 To 250, Add	*2.10*	
		For >2,500 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-2.10*	
32 31 13 13-0156	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	29.78	4.63
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.34*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.20*	
		For 13 Gauge Fabric, Deduct	*-5.41*	
		For 11 Gauge Fabric, Deduct	*-3.16*	
		For 6 Gauge Fabric, Add	*4.97*	
		For 1" Mesh Fabric, Add	*6.77*	
		For 1-3/4" Mesh Fabric, Add	*2.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.35*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.81*	
		For Posts 8' On Centers, Add	*1.66*	
		For Posts 5' On Centers, Add	*6.28*	
		For Up To 100, Add	*5.89*	
		For >100 To 250, Add	*2.20*	
		For >2,500 To 5,000, Deduct	*-1.10*	
		For >5,000, Deduct	*-2.20*	
32 31 13 13-0157	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	33.38	5.40
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.73*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.43*	
		For 13 Gauge Fabric, Deduct	*-6.33*	
		For 11 Gauge Fabric, Deduct	*-3.70*	
		For 6 Gauge Fabric, Add	*5.82*	
		For 1" Mesh Fabric, Add	*7.93*	
		For 1-3/4" Mesh Fabric, Add	*3.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.59*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.11*	
		For Posts 8' On Centers, Add	*1.85*	
		For Posts 5' On Centers, Add	*6.99*	
		For Up To 100, Add	*6.52*	
		For >100 To 250, Add	*2.43*	
		For >2,500 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-2.43*	
32 31 13 13-0158	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	35.65	6.94
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.97*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.58*	
		For 13 Gauge Fabric, Deduct	*-6.88*	
		For 11 Gauge Fabric, Deduct	*-4.02*	
		For 6 Gauge Fabric, Add	*6.31*	
		For 1" Mesh Fabric, Add	*8.61*	
		For 1-3/4" Mesh Fabric, Add	*3.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.72*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.30*	
		For Posts 8' On Centers, Add	*1.97*	
		For Posts 5' On Centers, Add	*7.45*	
		For Up To 100, Add	*6.93*	
		For >100 To 250, Add	*2.58*	
		For >2,500 To 5,000, Deduct	*-1.29*	
		For >5,000, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0159	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	37.94	7.71
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*3.20*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.73*	
		For 13 Gauge Fabric, Deduct	*-7.42*	
		For 11 Gauge Fabric, Deduct	*-4.33*	
		For 6 Gauge Fabric, Add	*6.81*	
		For 1" Mesh Fabric, Add	*9.29*	
		For 1-3/4" Mesh Fabric, Add	*3.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.86*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.48*	
		For Posts 8' On Centers, Add	*2.10*	
		For Posts 5' On Centers, Add	*7.91*	
		For Up To 100, Add	*7.35*	
		For >100 To 250, Add	*2.73*	
		For >2,500 To 5,000, Deduct	*-1.36*	
		For >5,000, Deduct	*-2.73*	

32 31 13 13-0160 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

32 31 13 13-0161 SS-20 Chain Link Fence Rails *(32 31 13 13-0160)*

Note: Includes tie wires.

32 31 13 13-0162	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	3.53	1.00
		For SS15, Deduct	*-0.15*	
		For SS40, Add	*0.36*	
32 31 13 13-0163	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	4.02	1.00
		For SS40, Add	*0.19*	
		For Powder Coated, Add	*0.39*	
		For Aluminum Coated, Add	*0.78*	
32 31 13 13-0164	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	4.20	1.13
		For SS15, Deduct	*-0.19*	
		For SS40, Add	*0.48*	
32 31 13 13-0165	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	4.85	1.13
		For SS40, Add	*0.26*	
		For Powder Coated, Add	*0.52*	
		For Aluminum Coated, Add	*1.03*	
32 31 13 13-0166	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	4.86	1.27
		For SS40, Add	*0.58*	
32 31 13 13-0167	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	5.64	1.27
		For SS40, Add	*0.31*	
		For Powder Coated, Add	*0.62*	
		For Aluminum Coated, Add	*1.24*	

32 31 13 13-0168 Fabric *(32 31 13 13)*

32 31 13 13-0169 Fabric, Galvanized Chain Link *(32 31 13 13-0168)*

32 31 13 13-0170	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	8.07	1.81
		For 2 Oz Galvanized Coating, Add	*0.54*	
		For 13 Gauge Fabric, Deduct	*-0.98*	
		For 11 Gauge Fabric, Deduct	*-0.54*	
		For 6 Gauge Fabric, Add	*1.74*	
		For 1" Mesh Fabric, Add	*1.63*	
		For 1-3/4" Mesh Fabric, Add	*0.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.33*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.43*	
32 31 13 13-0171	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	8.88	2.04
		For 2 Oz Galvanized Coating, Add	*0.63*	
		For 13 Gauge Fabric, Deduct	*-1.14*	
		For 11 Gauge Fabric, Deduct	*-0.63*	
		For 6 Gauge Fabric, Add	*2.02*	
		For 1" Mesh Fabric, Add	*1.90*	
		For 1-3/4" Mesh Fabric, Add	*0.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.38*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.51*	
32 31 13 13-0172	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	9.59	2.27
		For 2 Oz Galvanized Coating, Add	*0.70*	
		For 13 Gauge Fabric, Deduct	*-1.25*	
		For 11 Gauge Fabric, Deduct	*-0.70*	
		For 6 Gauge Fabric, Add	*2.22*	
		For 1" Mesh Fabric, Add	*2.09*	
		For 1-3/4" Mesh Fabric, Add	*0.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.42*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.56*	
32 31 13 13-0173	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	10.72	2.72
		For 2 Oz Galvanized Coating, Add	*0.87*	
		For 13 Gauge Fabric, Deduct	*-1.56*	
		For 11 Gauge Fabric, Deduct	*-0.87*	
		For 6 Gauge Fabric, Add	*2.77*	
		For 1" Mesh Fabric, Add	*2.60*	
		For 1-3/4" Mesh Fabric, Add	*1.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.52*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0174	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.93	3.17
		For 2 Oz Galvanized Coating, Add	*1.04*	
		For 13 Gauge Fabric, Deduct	*-1.87*	
		For 11 Gauge Fabric, Deduct	*-1.04*	
		For 6 Gauge Fabric, Add	*3.33*	
		For 1" Mesh Fabric, Add	*3.12*	
		For 1-3/4" Mesh Fabric, Add	*1.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.62*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.83*	
32 31 13 13-0175	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.22	3.63
		For 2 Oz Galvanized Coating, Add	*1.21*	
		For 13 Gauge Fabric, Deduct	*-2.18*	
		For 11 Gauge Fabric, Deduct	*-1.21*	
		For 6 Gauge Fabric, Add	*3.88*	
		For 1" Mesh Fabric, Add	*3.64*	
		For 1-3/4" Mesh Fabric, Add	*1.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.73*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.97*	
32 31 13 13-0176	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.62	4.54
		For 2 Oz Galvanized Coating, Add	*1.39*	
		For 13 Gauge Fabric, Deduct	*-2.49*	
		For 11 Gauge Fabric, Deduct	*-1.39*	
		For 6 Gauge Fabric, Add	*4.43*	
		For 1" Mesh Fabric, Add	*4.16*	
		For 1-3/4" Mesh Fabric, Add	*1.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.11*	
32 31 13 13-0177	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	17.21	4.99
		For 2 Oz Galvanized Coating, Add	*1.80*	
		For 13 Gauge Fabric, Deduct	*-3.24*	
		For 11 Gauge Fabric, Deduct	*-1.80*	
		For 6 Gauge Fabric, Add	*5.76*	
		For 1" Mesh Fabric, Add	*5.40*	
		For 1-3/4" Mesh Fabric, Add	*2.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.08*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.44*	
32 31 13 13-0178	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	19.52	5.44
		For 2 Oz Galvanized Coating, Add	*2.16*	
		For 13 Gauge Fabric, Deduct	*-3.88*	
		For 11 Gauge Fabric, Deduct	*-2.16*	
		For 6 Gauge Fabric, Add	*6.90*	
		For 1" Mesh Fabric, Add	*6.47*	
		For 1-3/4" Mesh Fabric, Add	*2.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.73*	
32 31 13 13-0179	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	21.97	6.35
		For 2 Oz Galvanized Coating, Add	*2.32*	
		For 13 Gauge Fabric, Deduct	*-4.17*	
		For 11 Gauge Fabric, Deduct	*-2.32*	
		For 6 Gauge Fabric, Add	*7.42*	
		For 1" Mesh Fabric, Add	*6.95*	
		For 1-3/4" Mesh Fabric, Add	*2.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.39*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.85*	
32 31 13 13-0180	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	24.43	7.26
		For 2 Oz Galvanized Coating, Add	*2.48*	
		For 13 Gauge Fabric, Deduct	*-4.46*	
		For 11 Gauge Fabric, Deduct	*-2.48*	
		For 6 Gauge Fabric, Add	*7.93*	
		For 1" Mesh Fabric, Add	*7.43*	
		For 1-3/4" Mesh Fabric, Add	*2.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.49*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.98*	
32 31 13 13-0181	SF	>16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	1.53	0.42
		For 2 Oz Galvanized Coating, Add	*0.16*	
		For 13 Gauge Fabric, Deduct	*-0.28*	
		For 11 Gauge Fabric, Deduct	*-0.16*	
		For 6 Gauge Fabric, Add	*0.50*	
		For 1" Mesh Fabric, Add	*0.47*	
		For 1-3/4" Mesh Fabric, Add	*0.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.09*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.12*	

32 31 13 13-0182 Fabric, Vinyl Coated Chain Link *(32 31 13 13-0168)*

32 31 13 13-0183	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	10.47	1.81
		For 13 Gauge Fabric, Deduct	*-1.65*	
		For 11 Gauge Fabric, Deduct	*-0.92*	
		For 6 Gauge Fabric, Add	*2.93*	
		For 1" Mesh Fabric, Add	*2.75*	
		For 1-3/4" Mesh Fabric, Add	*1.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.55*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.73*	
		For Aluminum Coated, Add	*1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0184	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	11.83	2.72
		For 13 Gauge Fabric, Deduct	*-2.06*	
		For 11 Gauge Fabric, Deduct	*-1.14*	
		For 6 Gauge Fabric, Add	*3.66*	
		For 1" Mesh Fabric, Add	*3.43*	
		For 1-3/4" Mesh Fabric, Add	*1.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.69*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.91*	
		For Aluminum Coated, Add	*1.83*	
32 31 13 13-0185	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	14.18	3.17
		For 13 Gauge Fabric, Deduct	*-2.88*	
		For 11 Gauge Fabric, Deduct	*-1.60*	
		For 6 Gauge Fabric, Add	*5.13*	
		For 1" Mesh Fabric, Add	*4.81*	
		For 1-3/4" Mesh Fabric, Add	*1.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.96*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.28*	
		For Aluminum Coated, Add	*2.56*	
32 31 13 13-0186	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.83	3.63
		For 13 Gauge Fabric, Deduct	*-3.36*	
		For 11 Gauge Fabric, Deduct	*-1.87*	
		For 6 Gauge Fabric, Add	*5.97*	
		For 1" Mesh Fabric, Add	*5.60*	
		For 1-3/4" Mesh Fabric, Add	*2.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.12*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.49*	
		For Aluminum Coated, Add	*2.98*	
32 31 13 13-0187	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	17.67	4.54
		For 13 Gauge Fabric, Deduct	*-3.87*	
		For 11 Gauge Fabric, Deduct	*-2.15*	
		For 6 Gauge Fabric, Add	*6.87*	
		For 1" Mesh Fabric, Add	*6.44*	
		For 1-3/4" Mesh Fabric, Add	*2.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.72*	
		For Aluminum Coated, Add	*3.44*	
32 31 13 13-0188	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	20.71	4.99
		For 13 Gauge Fabric, Deduct	*-4.82*	
		For 11 Gauge Fabric, Deduct	*-2.68*	
		For 6 Gauge Fabric, Add	*8.56*	
		For 1" Mesh Fabric, Add	*8.03*	
		For 1-3/4" Mesh Fabric, Add	*3.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.14*	
		For Aluminum Coated, Add	*4.28*	
32 31 13 13-0189	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.59	5.44
		For 13 Gauge Fabric, Deduct	*-5.27*	
		For 11 Gauge Fabric, Deduct	*-2.93*	
		For 6 Gauge Fabric, Add	*9.36*	
		For 1" Mesh Fabric, Add	*8.78*	
		For 1-3/4" Mesh Fabric, Add	*3.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.34*	
		For Aluminum Coated, Add	*4.68*	
32 31 13 13-0190	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	25.58	6.35
		For 13 Gauge Fabric, Deduct	*-5.80*	
		For 11 Gauge Fabric, Deduct	*-3.22*	
		For 6 Gauge Fabric, Add	*10.30*	
		For 1" Mesh Fabric, Add	*9.66*	
		For 1-3/4" Mesh Fabric, Add	*3.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.58*	
		For Aluminum Coated, Add	*5.15*	
32 31 13 13-0191	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	28.63	7.26
		For 13 Gauge Fabric, Deduct	*-6.35*	
		For 11 Gauge Fabric, Deduct	*-3.53*	
		For 6 Gauge Fabric, Add	*11.29*	
		For 1" Mesh Fabric, Add	*10.58*	
		For 1-3/4" Mesh Fabric, Add	*4.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.12*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.82*	
		For Aluminum Coated, Add	*5.64*	
32 31 13 13-0192	SF	>16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	1.79	0.42
		For 13 Gauge Fabric, Deduct	*-0.40*	
		For 11 Gauge Fabric, Deduct	*-0.22*	
		For 6 Gauge Fabric, Add	*0.70*	
		For 1" Mesh Fabric, Add	*0.66*	
		For 1-3/4" Mesh Fabric, Add	*0.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.18*	
		For Aluminum Coated, Add	*0.35*	

32 31 13 13-0193 Fabric, Aluminized Steel Chain Link *(32 31 13 13-0168)*

32 31 13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	7.98	1.81
		For 6 Gauge Fabric, Add	*1.66*	
		For 1" Mesh Fabric, Add	*2.18*	
32 31 13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	8.77	2.04
		For 6 Gauge Fabric, Add	*1.94*	
		For 1" Mesh Fabric, Add	*2.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	9.58	2.27
		For 6 Gauge Fabric, Add	*2.22*	
		For 1" Mesh Fabric, Add	*2.91*	
32 31 13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	10.72	2.72
		For 6 Gauge Fabric, Add	*2.77*	
		For 1" Mesh Fabric, Add	*3.63*	
32 31 13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.90	3.17
		For 6 Gauge Fabric, Add	*3.30*	
		For 1" Mesh Fabric, Add	*4.34*	
32 31 13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.20	3.63
		For 6 Gauge Fabric, Add	*3.86*	
		For 1" Mesh Fabric, Add	*5.07*	
32 31 13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.60	4.54
		For 6 Gauge Fabric, Add	*4.42*	
		For 1" Mesh Fabric, Add	*5.80*	
32 31 13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	16.91	4.99
		For 6 Gauge Fabric, Add	*5.52*	
		For 1" Mesh Fabric, Add	*7.25*	
32 31 13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.17	5.44
		For 6 Gauge Fabric, Add	*6.62*	
		For 1" Mesh Fabric, Add	*8.69*	

32 31 13 13-0203 Fabric, All Aluminum Chain Link *(32 31 13 13-0168)*

32 31 13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	11.34	1.81
		For 6 Gauge Fabric, Add	*4.35*	
		For 1" Mesh Fabric, Add	*5.71*	
32 31 13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	12.69	2.04
		For 6 Gauge Fabric, Add	*5.07*	
		For 1" Mesh Fabric, Add	*6.66*	
32 31 13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	14.06	2.27
		For 6 Gauge Fabric, Add	*5.80*	
		For 1" Mesh Fabric, Add	*7.61*	
32 31 13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	16.32	2.72
		For 6 Gauge Fabric, Add	*7.25*	
		For 1" Mesh Fabric, Add	*9.51*	
32 31 13 13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	18.65	3.17
		For 6 Gauge Fabric, Add	*8.70*	
		For 1" Mesh Fabric, Add	*11.42*	
32 31 13 13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	21.06	3.63
		For 6 Gauge Fabric, Add	*10.15*	
		For 1" Mesh Fabric, Add	*13.32*	
32 31 13 13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	23.58	4.54
		For 6 Gauge Fabric, Add	*11.60*	
		For 1" Mesh Fabric, Add	*15.23*	
32 31 13 13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	28.13	4.99
		For 6 Gauge Fabric, Add	*14.50*	
		For 1" Mesh Fabric, Add	*19.03*	
32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	32.64	5.44
		For 6 Gauge Fabric, Add	*17.40*	
		For 1" Mesh Fabric, Add	*22.84*	

32 31 13 13-0213 Fence Inserts *(32 31 13 13-0168)*

Note: For use with new or existing chain link fence, per lf of fence.

32 31 13 13-0214 Vinyl Plastic Fence Inserts *(32 31 13 13-0213)*

Note: Assorted colors.

32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert	5.53
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	6.36
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert	7.02
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert	8.79
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert	10.54
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert	12.31
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert	14.03
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert	16.48

32 31 13 13-0223 Aluminum Fence Inserts *(32 31 13 13-0213)*

Note: Assorted colors.

32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert	11.87
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert	13.15
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert	15.43
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert	19.34
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert	23.20
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert	25.79
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert	30.92
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert	37.65

32 31 13 13-0232 Redwood Fence Inserts *(32 31 13 13-0213)*

32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert	10.54
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert	13.33
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert	16.02
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert	18.65
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert	21.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0238		**Diagonal Flexible Polyethylene Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave	2.40	
32 31 13 13-0240		**Hedge Link Fence Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert	12.18	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert	13.87	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert	16.42	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert	20.30	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert	23.37	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert	29.21	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert	33.19	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert	39.50	
32 31 13 13-0249		**Fence Windscreen Fabric** *(32 31 13 13-0168)*		
		Note: Includes plastic wire clips.		
32 31 13 13-0250	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.80	
		For Sewn Boxed Vent (Each), Add	*14.42*	
		For Welded Boxed Vent (Each), Add	*7.21*	
		For 4' x 4' One Color Logo (Each), Add	*300.50*	
32 31 13 13-0251		**Non-Climbable Fabric, Galvanized Chain Link** *(32 31 13 13-0168)*		
32 31 13 13-0252	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	18.66	1.81
		For 11 Gauge, Deduct	*-2.55*	
		For 10 Gauge, Deduct	*-1.02*	
		For 7 Gauge, Add	*1.53*	
		For 6 Gauge, Add	*3.57*	
		For 1/2" Mesh Fabric, Deduct	*-0.64*	
		For 5/8" Mesh Fabric, Deduct	*-1.40*	
		For 3/4" Mesh Fabric, Deduct	*-2.04*	
32 31 13 13-0253	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	21.23	2.04
		For 11 Gauge, Deduct	*-2.98*	
		For 10 Gauge, Deduct	*-1.19*	
		For 7 Gauge, Add	*1.79*	
		For 6 Gauge, Add	*4.17*	
		For 1/2" Mesh Fabric, Deduct	*-0.74*	
		For 5/8" Mesh Fabric, Deduct	*-1.64*	
		For 3/4" Mesh Fabric, Deduct	*-2.38*	
32 31 13 13-0254	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	23.83	2.27
		For 11 Gauge, Deduct	*-3.40*	
		For 10 Gauge, Deduct	*-1.36*	
		For 7 Gauge, Add	*2.04*	
		For 6 Gauge, Add	*4.77*	
		For 1/2" Mesh Fabric, Deduct	*-0.85*	
		For 5/8" Mesh Fabric, Deduct	*-1.87*	
		For 3/4" Mesh Fabric, Deduct	*-2.72*	
32 31 13 13-0255	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	28.53	2.72
		For 11 Gauge, Deduct	*-4.25*	
		For 10 Gauge, Deduct	*-1.70*	
		For 7 Gauge, Add	*2.55*	
		For 6 Gauge, Add	*5.96*	
		For 1/2" Mesh Fabric, Deduct	*-1.06*	
		For 5/8" Mesh Fabric, Deduct	*-2.34*	
		For 3/4" Mesh Fabric, Deduct	*-3.40*	
32 31 13 13-0256	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	33.28	3.17
		For 11 Gauge, Deduct	*-5.10*	
		For 10 Gauge, Deduct	*-2.04*	
		For 7 Gauge, Add	*3.06*	
		For 6 Gauge, Add	*7.14*	
		For 1/2" Mesh Fabric, Deduct	*-1.28*	
		For 5/8" Mesh Fabric, Deduct	*-2.81*	
		For 3/4" Mesh Fabric, Deduct	*-4.08*	
32 31 13 13-0257	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	38.14	3.63
		For 11 Gauge, Deduct	*-5.95*	
		For 10 Gauge, Deduct	*-2.38*	
		For 7 Gauge, Add	*3.57*	
		For 6 Gauge, Add	*8.34*	
		For 1/2" Mesh Fabric, Deduct	*-1.49*	
		For 5/8" Mesh Fabric, Deduct	*-3.27*	
		For 3/4" Mesh Fabric, Deduct	*-4.76*	
32 31 13 13-0258	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	43.11	4.54
		For 11 Gauge, Deduct	*-6.81*	
		For 10 Gauge, Deduct	*-2.72*	
		For 7 Gauge, Add	*4.08*	
		For 6 Gauge, Add	*9.53*	
		For 1/2" Mesh Fabric, Deduct	*-1.70*	
		For 5/8" Mesh Fabric, Deduct	*-3.74*	
		For 3/4" Mesh Fabric, Deduct	*-5.44*	
32 31 13 13-0259	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	47.40	4.77
		For 11 Gauge, Deduct	*-7.58*	
		For 10 Gauge, Deduct	*-3.03*	
		For 7 Gauge, Add	*4.55*	
		For 6 Gauge, Add	*10.61*	
		For 1/2" Mesh Fabric, Deduct	*-1.89*	
		For 5/8" Mesh Fabric, Deduct	*-4.17*	
		For 3/4" Mesh Fabric, Deduct	*-6.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0260	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	51.73	4.99
		For 11 Gauge, Deduct	*-8.34*	
		For 10 Gauge, Deduct	*-3.34*	
		For 7 Gauge, Add	*5.01*	
		For 6 Gauge, Add	*11.68*	
		For 1/2" Mesh Fabric, Deduct	*-2.09*	
		For 5/8" Mesh Fabric, Deduct	*-4.59*	
		For 3/4" Mesh Fabric, Deduct	*-6.68*	
32 31 13 13-0261	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	56.12	5.44
		For 11 Gauge, Deduct	*-9.05*	
		For 10 Gauge, Deduct	*-3.62*	
		For 7 Gauge, Add	*5.43*	
		For 6 Gauge, Add	*12.66*	
		For 1/2" Mesh Fabric, Deduct	*-2.26*	
		For 5/8" Mesh Fabric, Deduct	*-4.98*	
		For 3/4" Mesh Fabric, Deduct	*-7.24*	

32 31 13 13-0262 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 79 00 00-0001 for padlocks, 08 79 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0263 Galvanized Steel Without Barbed Wire *(32 31 13 13-0262)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0264 4' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0265	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	162.57	18.01
		For Gate With Single Barb Wire Arm, Add	*11.69*	
		For Gate With Double Barb Wire Arm, Add	*17.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-19.93*	
		For Aluminized Steel Gate And Post, Add	*51.01*	
		For Powder Coated Gate And Post, Add	*27.63*	
32 31 13 13-0266	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	198.00	18.76
		For Gate With Single Barb Wire Arm, Add	*15.59*	
		For Gate With Double Barb Wire Arm, Add	*22.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.57*	
		For Aluminized Steel Gate And Post, Add	*68.02*	
		For Powder Coated Gate And Post, Add	*36.84*	
32 31 13 13-0267	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	231.13	19.97
		For Gate With Single Barb Wire Arm, Add	*18.82*	
		For Gate With Double Barb Wire Arm, Add	*27.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.08*	
		For Aluminized Steel Gate And Post, Add	*82.12*	
		For Powder Coated Gate And Post, Add	*44.48*	
32 31 13 13-0268	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	272.53	24.01
		For Gate With Single Barb Wire Arm, Add	*22.05*	
		For Gate With Double Barb Wire Arm, Add	*32.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-37.59*	
		For Aluminized Steel Gate And Post, Add	*96.23*	
		For Powder Coated Gate And Post, Add	*52.12*	
32 31 13 13-0269	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	313.91	27.99
		For Gate With Single Barb Wire Arm, Add	*25.28*	
		For Gate With Double Barb Wire Arm, Add	*36.78*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.10*	
		For Aluminized Steel Gate And Post, Add	*110.33*	
		For Powder Coated Gate And Post, Add	*59.76*	
32 31 13 13-0270	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	356.51	31.97
		For Gate With Single Barb Wire Arm, Add	*28.65*	
		For Gate With Double Barb Wire Arm, Add	*41.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.83*	
		For Aluminized Steel Gate And Post, Add	*125.01*	
		For Powder Coated Gate And Post, Add	*67.71*	
32 31 13 13-0271	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	397.89	36.03
		For Gate With Single Barb Wire Arm, Add	*31.88*	
		For Gate With Double Barb Wire Arm, Add	*46.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.34*	
		For Aluminized Steel Gate And Post, Add	*139.11*	
		For Powder Coated Gate And Post, Add	*75.35*	
32 31 13 13-0272	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	439.80	40.00
		For Gate With Single Barb Wire Arm, Add	*35.17*	
		For Gate With Double Barb Wire Arm, Add	*51.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.95*	
		For Aluminized Steel Gate And Post, Add	*153.47*	
		For Powder Coated Gate And Post, Add	*83.13*	
32 31 13 13-0273	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	545.22	40.00
		For Gate With Single Barb Wire Arm, Add	*46.77*	
		For Gate With Double Barb Wire Arm, Add	*68.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-79.71*	
		For Aluminized Steel Gate And Post, Add	*204.07*	
		For Powder Coated Gate And Post, Add	*110.54*	
32 31 13 13-0274	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	638.82	42.85
		For Gate With Single Barb Wire Arm, Add	*56.12*	
		For Gate With Double Barb Wire Arm, Add	*81.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-95.66*	
		For Aluminized Steel Gate And Post, Add	*244.88*	
		For Powder Coated Gate And Post, Add	*132.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0275	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	733.74	46.16
		For Gate With Single Barb Wire Arm, Add	*65.47*	
		For Gate With Double Barb Wire Arm, Add	*95.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.60*	
		For Aluminized Steel Gate And Post, Add	*285.69*	
		For Powder Coated Gate And Post, Add	*154.75*	
32 31 13 13-0276	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	830.33	49.98
		For Gate With Single Barb Wire Arm, Add	*74.82*	
		For Gate With Double Barb Wire Arm, Add	*108.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.54*	
		For Aluminized Steel Gate And Post, Add	*326.51*	
		For Powder Coated Gate And Post, Add	*176.86*	
32 31 13 13-0277	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	948.49	60.98
		For Gate With Single Barb Wire Arm, Add	*84.18*	
		For Gate With Double Barb Wire Arm, Add	*122.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.48*	
		For Aluminized Steel Gate And Post, Add	*367.32*	
		For Powder Coated Gate And Post, Add	*198.97*	
32 31 13 13-0278	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,046.59	65.36
		For Gate With Single Barb Wire Arm, Add	*93.53*	
		For Gate With Double Barb Wire Arm, Add	*136.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-159.43*	
		For Aluminized Steel Gate And Post, Add	*408.13*	
		For Powder Coated Gate And Post, Add	*221.07*	
32 31 13 13-0279	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,144.65	70.43
		For Gate With Single Barb Wire Arm, Add	*102.66*	
		For Gate With Double Barb Wire Arm, Add	*149.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-174.98*	
		For Aluminized Steel Gate And Post, Add	*447.95*	
		For Powder Coated Gate And Post, Add	*242.64*	
32 31 13 13-0280	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,245.22	76.27
		For Gate With Single Barb Wire Arm, Add	*111.78*	
		For Gate With Double Barb Wire Arm, Add	*162.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.53*	
		For Aluminized Steel Gate And Post, Add	*487.77*	
		For Powder Coated Gate And Post, Add	*264.21*	
32 31 13 13-0281	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,349.01	83.23
		For Gate With Single Barb Wire Arm, Add	*120.91*	
		For Gate With Double Barb Wire Arm, Add	*175.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.09*	
		For Aluminized Steel Gate And Post, Add	*527.59*	
		For Powder Coated Gate And Post, Add	*285.78*	
32 31 13 13-0282	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,425.84	91.56
		For Gate With Single Barb Wire Arm, Add	*126.61*	
		For Gate With Double Barb Wire Arm, Add	*184.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.81*	
		For Aluminized Steel Gate And Post, Add	*552.47*	
		For Powder Coated Gate And Post, Add	*299.25*	
32 31 13 13-0283	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,580.80	101.70
		For Gate With Single Barb Wire Arm, Add	*140.30*	
		For Gate With Double Barb Wire Arm, Add	*204.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.14*	
		For Aluminized Steel Gate And Post, Add	*612.20*	
		For Powder Coated Gate And Post, Add	*331.61*	

32 31 13 13-0284 5' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0285	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	191.38	19.97
		For Gate With Single Barb Wire Arm, Add	*14.45*	
		For Gate With Double Barb Wire Arm, Add	*21.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-24.63*	
		For Aluminized Steel Gate And Post, Add	*63.04*	
		For Powder Coated Gate And Post, Add	*34.15*	
32 31 13 13-0286	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	234.59	19.97
		For Gate With Single Barb Wire Arm, Add	*19.20*	
		For Gate With Double Barb Wire Arm, Add	*27.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.73*	
		For Aluminized Steel Gate And Post, Add	*83.78*	
		For Powder Coated Gate And Post, Add	*45.38*	
32 31 13 13-0287	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	271.19	21.24
		For Gate With Single Barb Wire Arm, Add	*22.81*	
		For Gate With Double Barb Wire Arm, Add	*33.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.88*	
		For Aluminized Steel Gate And Post, Add	*99.54*	
		For Powder Coated Gate And Post, Add	*53.92*	
32 31 13 13-0288	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	318.51	25.52
		For Gate With Single Barb Wire Arm, Add	*26.61*	
		For Gate With Double Barb Wire Arm, Add	*38.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.37*	
		For Aluminized Steel Gate And Post, Add	*116.14*	
		For Powder Coated Gate And Post, Add	*62.91*	
32 31 13 13-0289	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	362.37	29.72
		For Gate With Single Barb Wire Arm, Add	*30.04*	
		For Gate With Double Barb Wire Arm, Add	*43.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.20*	
		For Aluminized Steel Gate And Post, Add	*131.07*	
		For Powder Coated Gate And Post, Add	*71.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0290	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	410.44	34.23
		For Gate With Single Barb Wire Arm, Add	*33.84*	
		For Gate With Double Barb Wire Arm, Add	*49.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.68*	
		For Aluminized Steel Gate And Post, Add	*147.66*	
		For Powder Coated Gate And Post, Add	*79.98*	
32 31 13 13-0291	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	456.04	38.50
		For Gate With Single Barb Wire Arm, Add	*37.45*	
		For Gate With Double Barb Wire Arm, Add	*54.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.84*	
		For Aluminized Steel Gate And Post, Add	*163.42*	
		For Powder Coated Gate And Post, Add	*88.52*	
32 31 13 13-0292	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	501.63	42.71
		For Gate With Single Barb Wire Arm, Add	*41.06*	
		For Gate With Double Barb Wire Arm, Add	*59.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.99*	
		For Aluminized Steel Gate And Post, Add	*179.18*	
		For Powder Coated Gate And Post, Add	*97.06*	
32 31 13 13-0293	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	655.42	42.85
		For Gate With Single Barb Wire Arm, Add	*57.94*	
		For Gate With Double Barb Wire Arm, Add	*84.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.77*	
		For Aluminized Steel Gate And Post, Add	*252.84*	
		For Powder Coated Gate And Post, Add	*136.96*	
32 31 13 13-0294	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	771.07	46.16
		For Gate With Single Barb Wire Arm, Add	*69.58*	
		For Gate With Double Barb Wire Arm, Add	*101.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.60*	
		For Aluminized Steel Gate And Post, Add	*303.61*	
		For Powder Coated Gate And Post, Add	*164.46*	
32 31 13 13-0295	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	888.40	49.98
		For Gate With Single Barb Wire Arm, Add	*81.21*	
		For Gate With Double Barb Wire Arm, Add	*118.13*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.43*	
		For Aluminized Steel Gate And Post, Add	*354.38*	
		For Powder Coated Gate And Post, Add	*191.96*	
32 31 13 13-0296	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,027.29	60.98
		For Gate With Single Barb Wire Arm, Add	*92.85*	
		For Gate With Double Barb Wire Arm, Add	*135.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.26*	
		For Aluminized Steel Gate And Post, Add	*405.14*	
		For Powder Coated Gate And Post, Add	*219.45*	
32 31 13 13-0297	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,144.06	65.36
		For Gate With Single Barb Wire Arm, Add	*104.25*	
		For Gate With Double Barb Wire Arm, Add	*151.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.70*	
		For Aluminized Steel Gate And Post, Add	*454.92*	
		For Powder Coated Gate And Post, Add	*246.41*	
32 31 13 13-0298	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,267.00	70.43
		For Gate With Single Barb Wire Arm, Add	*116.11*	
		For Gate With Double Barb Wire Arm, Add	*168.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.92*	
		For Aluminized Steel Gate And Post, Add	*506.68*	
		For Powder Coated Gate And Post, Add	*274.45*	
32 31 13 13-0299	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,390.39	76.27
		For Gate With Single Barb Wire Arm, Add	*127.75*	
		For Gate With Double Barb Wire Arm, Add	*185.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-217.75*	
		For Aluminized Steel Gate And Post, Add	*557.45*	
		For Powder Coated Gate And Post, Add	*301.95*	
32 31 13 13-0300	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,514.91	83.23
		For Gate With Single Barb Wire Arm, Add	*139.15*	
		For Gate With Double Barb Wire Arm, Add	*202.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-237.20*	
		For Aluminized Steel Gate And Post, Add	*607.22*	
		For Powder Coated Gate And Post, Add	*328.91*	
32 31 13 13-0301	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,647.74	91.56
		For Gate With Single Barb Wire Arm, Add	*151.02*	
		For Gate With Double Barb Wire Arm, Add	*219.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.42*	
		For Aluminized Steel Gate And Post, Add	*658.98*	
		For Powder Coated Gate And Post, Add	*356.95*	
32 31 13 13-0302	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,782.73	101.70
		For Gate With Single Barb Wire Arm, Add	*162.51*	
		For Gate With Double Barb Wire Arm, Add	*236.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-277.00*	
		For Aluminized Steel Gate And Post, Add	*709.12*	
		For Powder Coated Gate And Post, Add	*384.11*	
32 31 13 13-0303	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,923.84	114.41
		For Gate With Single Barb Wire Arm, Add	*173.83*	
		For Gate With Double Barb Wire Arm, Add	*252.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-296.30*	
		For Aluminized Steel Gate And Post, Add	*758.53*	
		For Powder Coated Gate And Post, Add	*410.87*	

32 31 13 13-0304 6' Fence Height *(32 31 13 13-0263)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0305	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	205.18	21.39
		For Gate With Single Barb Wire Arm, Add	*15.49*	
		For Gate With Double Barb Wire Arm, Add	*22.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.41*	
		For Aluminized Steel Gate And Post, Add	*67.61*	
		For Powder Coated Gate And Post, Add	*36.62*	
32 31 13 13-0306	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	251.84	21.39
		For Gate With Single Barb Wire Arm, Add	*20.63*	
		For Gate With Double Barb Wire Arm, Add	*30.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.16*	
		For Aluminized Steel Gate And Post, Add	*90.00*	
		For Powder Coated Gate And Post, Add	*48.75*	
32 31 13 13-0307	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	291.50	22.74
		For Gate With Single Barb Wire Arm, Add	*24.55*	
		For Gate With Double Barb Wire Arm, Add	*35.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.85*	
		For Aluminized Steel Gate And Post, Add	*107.14*	
		For Powder Coated Gate And Post, Add	*58.03*	
32 31 13 13-0308	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	340.06	27.47
		For Gate With Single Barb Wire Arm, Add	*28.33*	
		For Gate With Double Barb Wire Arm, Add	*41.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.28*	
		For Aluminized Steel Gate And Post, Add	*123.60*	
		For Powder Coated Gate And Post, Add	*66.95*	
32 31 13 13-0309	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	390.60	32.27
		For Gate With Single Barb Wire Arm, Add	*32.32*	
		For Gate With Double Barb Wire Arm, Add	*47.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.09*	
		For Aluminized Steel Gate And Post, Add	*141.02*	
		For Powder Coated Gate And Post, Add	*76.39*	
32 31 13 13-0310	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	438.68	36.78
		For Gate With Single Barb Wire Arm, Add	*36.12*	
		For Gate With Double Barb Wire Arm, Add	*52.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.57*	
		For Aluminized Steel Gate And Post, Add	*157.61*	
		For Powder Coated Gate And Post, Add	*85.37*	
32 31 13 13-0311	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	487.51	41.50
		For Gate With Single Barb Wire Arm, Add	*39.92*	
		For Gate With Double Barb Wire Arm, Add	*58.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.05*	
		For Aluminized Steel Gate And Post, Add	*174.20*	
		For Powder Coated Gate And Post, Add	*94.36*	
32 31 13 13-0312	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	520.77	46.23
		For Gate With Single Barb Wire Arm, Add	*42.01*	
		For Gate With Double Barb Wire Arm, Add	*61.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.61*	
		For Aluminized Steel Gate And Post, Add	*183.33*	
		For Powder Coated Gate And Post, Add	*99.30*	
32 31 13 13-0313	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	700.56	46.16
		For Gate With Single Barb Wire Arm, Add	*61.82*	
		For Gate With Double Barb Wire Arm, Add	*89.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-105.38*	
		For Aluminized Steel Gate And Post, Add	*269.76*	
		For Powder Coated Gate And Post, Add	*146.12*	
32 31 13 13-0314	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	824.11	49.98
		For Gate With Single Barb Wire Arm, Add	*74.14*	
		For Gate With Double Barb Wire Arm, Add	*107.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.38*	
		For Aluminized Steel Gate And Post, Add	*323.52*	
		For Powder Coated Gate And Post, Add	*175.24*	
32 31 13 13-0315	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	984.38	65.36
		For Gate With Single Barb Wire Arm, Add	*86.69*	
		For Gate With Double Barb Wire Arm, Add	*126.09*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-147.76*	
		For Aluminized Steel Gate And Post, Add	*378.27*	
		For Powder Coated Gate And Post, Add	*204.90*	
32 31 13 13-0316	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,111.47	70.43
		For Gate With Single Barb Wire Arm, Add	*99.01*	
		For Gate With Double Barb Wire Arm, Add	*144.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.76*	
		For Aluminized Steel Gate And Post, Add	*432.02*	
		For Powder Coated Gate And Post, Add	*234.01*	
32 31 13 13-0317	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,243.15	76.27
		For Gate With Single Barb Wire Arm, Add	*111.55*	
		For Gate With Double Barb Wire Arm, Add	*162.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.15*	
		For Aluminized Steel Gate And Post, Add	*486.77*	
		For Powder Coated Gate And Post, Add	*263.67*	
32 31 13 13-0318	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,378.04	83.23
		For Gate With Single Barb Wire Arm, Add	*124.10*	
		For Gate With Double Barb Wire Arm, Add	*180.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-211.53*	
		For Aluminized Steel Gate And Post, Add	*541.52*	
		For Powder Coated Gate And Post, Add	*293.32*	
32 31 13 13-0319	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,515.02	91.56
		For Gate With Single Barb Wire Arm, Add	*136.42*	
		For Gate With Double Barb Wire Arm, Add	*198.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-232.53*	
		For Aluminized Steel Gate And Post, Add	*595.28*	
		For Powder Coated Gate And Post, Add	*322.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0320	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,658.57	101.70
		For Gate With Single Barb Wire Arm, Add	*148.85*	
		For Gate With Double Barb Wire Arm, Add	*216.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-253.72*	
		For Aluminized Steel Gate And Post, Add	*649.53*	
		For Powder Coated Gate And Post, Add	*351.83*	
32 31 13 13-0321	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,808.53	114.41
		For Gate With Single Barb Wire Arm, Add	*161.15*	
		For Gate With Double Barb Wire Arm, Add	*234.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-274.68*	
		For Aluminized Steel Gate And Post, Add	*703.18*	
		For Powder Coated Gate And Post, Add	*380.89*	
32 31 13 13-0322	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,970.83	130.73
		For Gate With Single Barb Wire Arm, Add	*173.60*	
		For Gate With Double Barb Wire Arm, Add	*252.51*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-295.91*	
		For Aluminized Steel Gate And Post, Add	*757.53*	
		For Powder Coated Gate And Post, Add	*410.33*	
32 31 13 13-0323	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,149.71	152.54
		For Gate With Single Barb Wire Arm, Add	*186.08*	
		For Gate With Double Barb Wire Arm, Add	*270.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-317.18*	
		For Aluminized Steel Gate And Post, Add	*811.98*	
		For Powder Coated Gate And Post, Add	*439.82*	

32 31 13 13-0324 7' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0325	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	216.18	23.04
		For Gate With Single Barb Wire Arm, Add	*16.16*	
		For Gate With Double Barb Wire Arm, Add	*23.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.54*	
		For Aluminized Steel Gate And Post, Add	*70.51*	
		For Powder Coated Gate And Post, Add	*38.19*	
32 31 13 13-0326	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	264.57	23.04
		For Gate With Single Barb Wire Arm, Add	*21.48*	
		For Gate With Double Barb Wire Arm, Add	*31.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.62*	
		For Aluminized Steel Gate And Post, Add	*93.74*	
		For Powder Coated Gate And Post, Add	*50.78*	
32 31 13 13-0327	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	307.28	24.24
		For Gate With Single Barb Wire Arm, Add	*25.79*	
		For Gate With Double Barb Wire Arm, Add	*37.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.97*	
		For Aluminized Steel Gate And Post, Add	*112.55*	
		For Powder Coated Gate And Post, Add	*60.96*	
32 31 13 13-0328	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	376.27	29.50
		For Gate With Single Barb Wire Arm, Add	*31.65*	
		For Gate With Double Barb Wire Arm, Add	*46.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.95*	
		For Aluminized Steel Gate And Post, Add	*138.10*	
		For Powder Coated Gate And Post, Add	*74.80*	
32 31 13 13-0329	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	444.52	34.53
		For Gate With Single Barb Wire Arm, Add	*37.51*	
		For Gate With Double Barb Wire Arm, Add	*54.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.93*	
		For Aluminized Steel Gate And Post, Add	*163.66*	
		For Powder Coated Gate And Post, Add	*88.65*	
32 31 13 13-0330	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	513.52	39.70
		For Gate With Single Barb Wire Arm, Add	*43.36*	
		For Gate With Double Barb Wire Arm, Add	*63.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.91*	
		For Aluminized Steel Gate And Post, Add	*189.21*	
		For Powder Coated Gate And Post, Add	*102.49*	
32 31 13 13-0331	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	581.77	44.73
		For Gate With Single Barb Wire Arm, Add	*49.22*	
		For Gate With Double Barb Wire Arm, Add	*71.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-83.89*	
		For Aluminized Steel Gate And Post, Add	*214.77*	
		For Powder Coated Gate And Post, Add	*116.33*	
32 31 13 13-0332	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	641.18	49.98
		For Gate With Single Barb Wire Arm, Add	*54.02*	
		For Gate With Double Barb Wire Arm, Add	*78.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.08*	
		For Aluminized Steel Gate And Post, Add	*235.71*	
		For Powder Coated Gate And Post, Add	*127.68*	
32 31 13 13-0333	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	794.70	49.98
		For Gate With Single Barb Wire Arm, Add	*70.90*	
		For Gate With Double Barb Wire Arm, Add	*103.13*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.86*	
		For Aluminized Steel Gate And Post, Add	*309.40*	
		For Powder Coated Gate And Post, Add	*167.59*	
32 31 13 13-0334	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	913.05	65.36
		For Gate With Single Barb Wire Arm, Add	*78.84*	
		For Gate With Double Barb Wire Arm, Add	*114.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-134.39*	
		For Aluminized Steel Gate And Post, Add	*344.03*	
		For Powder Coated Gate And Post, Add	*186.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0335	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,047.61	70.43
		For Gate With Single Barb Wire Arm, Add	*91.98*	
		For Gate With Double Barb Wire Arm, Add	*133.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-156.79*	
		For Aluminized Steel Gate And Post, Add	*401.37*	
		For Powder Coated Gate And Post, Add	*217.41*	
32 31 13 13-0336	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,174.71	76.27
		For Gate With Single Barb Wire Arm, Add	*104.02*	
		For Gate With Double Barb Wire Arm, Add	*151.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-177.31*	
		For Aluminized Steel Gate And Post, Add	*453.92*	
		For Powder Coated Gate And Post, Add	*245.87*	
32 31 13 13-0337	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,315.82	83.23
		For Gate With Single Barb Wire Arm, Add	*117.25*	
		For Gate With Double Barb Wire Arm, Add	*170.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-199.87*	
		For Aluminized Steel Gate And Post, Add	*511.66*	
		For Powder Coated Gate And Post, Add	*277.15*	
32 31 13 13-0338	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,459.02	91.56
		For Gate With Single Barb Wire Arm, Add	*130.26*	
		For Gate With Double Barb Wire Arm, Add	*189.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.03*	
		For Aluminized Steel Gate And Post, Add	*568.40*	
		For Powder Coated Gate And Post, Add	*307.88*	
32 31 13 13-0339	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,607.76	101.70
		For Gate With Single Barb Wire Arm, Add	*143.26*	
		For Gate With Double Barb Wire Arm, Add	*208.38*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-244.19*	
		For Aluminized Steel Gate And Post, Add	*625.14*	
		For Powder Coated Gate And Post, Add	*338.62*	
32 31 13 13-0340	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,764.15	114.41
		For Gate With Single Barb Wire Arm, Add	*156.26*	
		For Gate With Double Barb Wire Arm, Add	*227.29*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.36*	
		For Aluminized Steel Gate And Post, Add	*681.88*	
		For Powder Coated Gate And Post, Add	*369.35*	
32 31 13 13-0341	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,931.43	130.73
		For Gate With Single Barb Wire Arm, Add	*169.27*	
		For Gate With Double Barb Wire Arm, Add	*246.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-288.52*	
		For Aluminized Steel Gate And Post, Add	*738.62*	
		For Powder Coated Gate And Post, Add	*400.09*	
32 31 13 13-0342	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,115.08	152.54
		For Gate With Single Barb Wire Arm, Add	*182.27*	
		For Gate With Double Barb Wire Arm, Add	*265.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-310.69*	
		For Aluminized Steel Gate And Post, Add	*795.36*	
		For Powder Coated Gate And Post, Add	*430.82*	
32 31 13 13-0343	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,324.91	183.03
		For Gate With Single Barb Wire Arm, Add	*195.27*	
		For Gate With Double Barb Wire Arm, Add	*284.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-332.85*	
		For Aluminized Steel Gate And Post, Add	*852.10*	
		For Powder Coated Gate And Post, Add	*461.55*	

32 31 13 13-0344 8' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0345	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	250.49	25.00
		For Gate With Single Barb Wire Arm, Add	*19.30*	
		For Gate With Double Barb Wire Arm, Add	*28.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.90*	
		For Aluminized Steel Gate And Post, Add	*84.21*	
		For Powder Coated Gate And Post, Add	*45.61*	
32 31 13 13-0346	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	308.97	25.00
		For Gate With Single Barb Wire Arm, Add	*25.73*	
		For Gate With Double Barb Wire Arm, Add	*37.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.86*	
		For Aluminized Steel Gate And Post, Add	*112.28*	
		For Powder Coated Gate And Post, Add	*60.82*	
32 31 13 13-0347	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	358.80	27.85
		For Gate With Single Barb Wire Arm, Add	*30.26*	
		For Gate With Double Barb Wire Arm, Add	*44.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.58*	
		For Aluminized Steel Gate And Post, Add	*132.05*	
		For Powder Coated Gate And Post, Add	*71.53*	
32 31 13 13-0348	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	410.88	31.52
		For Gate With Single Barb Wire Arm, Add	*34.79*	
		For Gate With Double Barb Wire Arm, Add	*50.61*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.31*	
		For Aluminized Steel Gate And Post, Add	*151.83*	
		For Powder Coated Gate And Post, Add	*82.24*	
32 31 13 13-0349	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	471.59	37.97
		For Gate With Single Barb Wire Arm, Add	*39.33*	
		For Gate With Double Barb Wire Arm, Add	*57.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.03*	
		For Aluminized Steel Gate And Post, Add	*171.60*	
		For Powder Coated Gate And Post, Add	*92.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0350	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	531.55	44.21
		For Gate With Single Barb Wire Arm, Add	*43.86*	
		For Gate With Double Barb Wire Arm, Add	*63.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.76*	
		For Aluminized Steel Gate And Post, Add	*191.38*	
		For Powder Coated Gate And Post, Add	*103.66*	
32 31 13 13-0351	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	592.27	50.73
		For Gate With Single Barb Wire Arm, Add	*48.39*	
		For Gate With Double Barb Wire Arm, Add	*70.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.48*	
		For Aluminized Steel Gate And Post, Add	*211.16*	
		For Powder Coated Gate And Post, Add	*114.38*	
32 31 13 13-0352	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	652.97	57.27
		For Gate With Single Barb Wire Arm, Add	*52.92*	
		For Gate With Double Barb Wire Arm, Add	*76.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.21*	
		For Aluminized Steel Gate And Post, Add	*230.93*	
		For Powder Coated Gate And Post, Add	*125.09*	
32 31 13 13-0353	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	918.00	65.36
		For Gate With Single Barb Wire Arm, Add	*79.38*	
		For Gate With Double Barb Wire Arm, Add	*115.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-135.32*	
		For Aluminized Steel Gate And Post, Add	*346.41*	
		For Powder Coated Gate And Post, Add	*187.64*	
32 31 13 13-0354	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,072.06	70.43
		For Gate With Single Barb Wire Arm, Add	*94.67*	
		For Gate With Double Barb Wire Arm, Add	*137.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.37*	
		For Aluminized Steel Gate And Post, Add	*413.11*	
		For Powder Coated Gate And Post, Add	*223.77*	
32 31 13 13-0355	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,230.70	76.27
		For Gate With Single Barb Wire Arm, Add	*110.18*	
		For Gate With Double Barb Wire Arm, Add	*160.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-187.81*	
		For Aluminized Steel Gate And Post, Add	*480.80*	
		For Powder Coated Gate And Post, Add	*260.43*	
32 31 13 13-0356	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,396.70	83.23
		For Gate With Single Barb Wire Arm, Add	*126.15*	
		For Gate With Double Barb Wire Arm, Add	*183.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.03*	
		For Aluminized Steel Gate And Post, Add	*550.48*	
		For Powder Coated Gate And Post, Add	*298.18*	
32 31 13 13-0357	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,566.86	91.56
		For Gate With Single Barb Wire Arm, Add	*142.12*	
		For Gate With Double Barb Wire Arm, Add	*206.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-242.25*	
		For Aluminized Steel Gate And Post, Add	*620.16*	
		For Powder Coated Gate And Post, Add	*335.92*	
32 31 13 13-0358	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,740.49	101.70
		For Gate With Single Barb Wire Arm, Add	*157.86*	
		For Gate With Double Barb Wire Arm, Add	*229.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.08*	
		For Aluminized Steel Gate And Post, Add	*688.85*	
		For Powder Coated Gate And Post, Add	*373.13*	
32 31 13 13-0359	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,919.69	114.41
		For Gate With Single Barb Wire Arm, Add	*173.37*	
		For Gate With Double Barb Wire Arm, Add	*252.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-295.52*	
		For Aluminized Steel Gate And Post, Add	*756.54*	
		For Powder Coated Gate And Post, Add	*409.79*	
32 31 13 13-0360	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,113.93	130.73
		For Gate With Single Barb Wire Arm, Add	*189.34*	
		For Gate With Double Barb Wire Arm, Add	*275.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-322.74*	
		For Aluminized Steel Gate And Post, Add	*826.22*	
		For Powder Coated Gate And Post, Add	*447.54*	
32 31 13 13-0361	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,324.54	152.54
		For Gate With Single Barb Wire Arm, Add	*205.31*	
		For Gate With Double Barb Wire Arm, Add	*298.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-349.96*	
		For Aluminized Steel Gate And Post, Add	*895.90*	
		For Powder Coated Gate And Post, Add	*485.28*	
32 31 13 13-0362	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,559.25	183.03
		For Gate With Single Barb Wire Arm, Add	*221.05*	
		For Gate With Double Barb Wire Arm, Add	*321.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-376.79*	
		For Aluminized Steel Gate And Post, Add	*964.58*	
		For Powder Coated Gate And Post, Add	*522.48*	
32 31 13 13-0363	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,839.78	228.81
		For Gate With Single Barb Wire Arm, Add	*236.79*	
		For Gate With Double Barb Wire Arm, Add	*344.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-403.62*	
		For Aluminized Steel Gate And Post, Add	*1,033.27*	
		For Powder Coated Gate And Post, Add	*559.69*	

32 31 13 13-0364 10' Fence Height *(32 31 13 13-0263)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0365	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	310.25	27.77
		For Gate With Single Barb Wire Arm, Add	*24.95*	
		For Gate With Double Barb Wire Arm, Add	*36.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.54*	
		For Aluminized Steel Gate And Post, Add	*108.89*	
		For Powder Coated Gate And Post, Add	*58.98*	
32 31 13 13-0366	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	385.88	27.77
		For Gate With Single Barb Wire Arm, Add	*33.27*	
		For Gate With Double Barb Wire Arm, Add	*48.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.72*	
		For Aluminized Steel Gate And Post, Add	*145.20*	
		For Powder Coated Gate And Post, Add	*78.65*	
32 31 13 13-0367	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	442.83	28.96
		For Gate With Single Barb Wire Arm, Add	*39.13*	
		For Gate With Double Barb Wire Arm, Add	*56.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.71*	
		For Aluminized Steel Gate And Post, Add	*170.77*	
		For Powder Coated Gate And Post, Add	*92.50*	
32 31 13 13-0368	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	517.12	36.03
		For Gate With Single Barb Wire Arm, Add	*45.00*	
		For Gate With Double Barb Wire Arm, Add	*65.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.70*	
		For Aluminized Steel Gate And Post, Add	*196.34*	
		For Powder Coated Gate And Post, Add	*106.35*	
32 31 13 13-0369	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	590.97	42.71
		For Gate With Single Barb Wire Arm, Add	*50.85*	
		For Gate With Double Barb Wire Arm, Add	*73.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.68*	
		For Aluminized Steel Gate And Post, Add	*221.91*	
		For Powder Coated Gate And Post, Add	*120.20*	
32 31 13 13-0370	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	664.93	49.76
		For Gate With Single Barb Wire Arm, Add	*56.71*	
		For Gate With Double Barb Wire Arm, Add	*82.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.67*	
		For Aluminized Steel Gate And Post, Add	*247.48*	
		For Powder Coated Gate And Post, Add	*134.05*	
32 31 13 13-0371	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	738.48	56.51
		For Gate With Single Barb Wire Arm, Add	*62.58*	
		For Gate With Double Barb Wire Arm, Add	*91.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.66*	
		For Aluminized Steel Gate And Post, Add	*273.06*	
		For Powder Coated Gate And Post, Add	*147.91*	
32 31 13 13-0372	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	812.78	63.49
		For Gate With Single Barb Wire Arm, Add	*68.44*	
		For Gate With Double Barb Wire Arm, Add	*99.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.65*	
		For Aluminized Steel Gate And Post, Add	*298.63*	
		For Powder Coated Gate And Post, Add	*161.76*	
32 31 13 13-0373	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,151.36	72.67
		For Gate With Single Barb Wire Arm, Add	*102.65*	
		For Gate With Double Barb Wire Arm, Add	*149.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-174.98*	
		For Aluminized Steel Gate And Post, Add	*447.95*	
		For Powder Coated Gate And Post, Add	*242.64*	
32 31 13 13-0374	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,251.04	78.16
		For Gate With Single Barb Wire Arm, Add	*111.78*	
		For Gate With Double Barb Wire Arm, Add	*162.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.54*	
		For Aluminized Steel Gate And Post, Add	*487.78*	
		For Powder Coated Gate And Post, Add	*264.21*	
32 31 13 13-0375	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,419.99	84.77
		For Gate With Single Barb Wire Arm, Add	*128.21*	
		For Gate With Double Barb Wire Arm, Add	*186.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-218.53*	
		For Aluminized Steel Gate And Post, Add	*559.44*	
		For Powder Coated Gate And Post, Add	*303.03*	
32 31 13 13-0376	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,608.93	92.42
		For Gate With Single Barb Wire Arm, Add	*146.46*	
		For Gate With Double Barb Wire Arm, Add	*213.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-249.64*	
		For Aluminized Steel Gate And Post, Add	*639.08*	
		For Powder Coated Gate And Post, Add	*346.17*	
32 31 13 13-0377	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,802.70	101.70
		For Gate With Single Barb Wire Arm, Add	*164.70*	
		For Gate With Double Barb Wire Arm, Add	*239.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-280.75*	
		For Aluminized Steel Gate And Post, Add	*718.71*	
		For Powder Coated Gate And Post, Add	*389.30*	
32 31 13 13-0378	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,003.41	112.94
		For Gate With Single Barb Wire Arm, Add	*183.07*	
		For Gate With Double Barb Wire Arm, Add	*266.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-312.05*	
		For Aluminized Steel Gate And Post, Add	*798.84*	
		For Powder Coated Gate And Post, Add	*432.71*	
32 31 13 13-0379	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,212.94	127.12
		For Gate With Single Barb Wire Arm, Add	*201.43*	
		For Gate With Double Barb Wire Arm, Add	*292.99*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-343.35*	
		For Aluminized Steel Gate And Post, Add	*878.98*	
		For Powder Coated Gate And Post, Add	*476.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0380	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,433.11	145.16
		For Gate With Single Barb Wire Arm, Add	*219.68*	
		For Gate With Double Barb Wire Arm, Add	*319.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-374.46*	
		For Aluminized Steel Gate And Post, Add	*958.61*	
		For Powder Coated Gate And Post, Add	*519.25*	
32 31 13 13-0381	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,672.00	169.47
		For Gate With Single Barb Wire Arm, Add	*237.93*	
		For Gate With Double Barb Wire Arm, Add	*346.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-405.57*	
		For Aluminized Steel Gate And Post, Add	*1,038.25*	
		For Powder Coated Gate And Post, Add	*562.39*	
32 31 13 13-0382	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,939.15	203.22
		For Gate With Single Barb Wire Arm, Add	*256.18*	
		For Gate With Double Barb Wire Arm, Add	*372.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-436.67*	
		For Aluminized Steel Gate And Post, Add	*1,117.88*	
		For Powder Coated Gate And Post, Add	*605.52*	
32 31 13 13-0383	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,260.37	254.24
		For Gate With Single Barb Wire Arm, Add	*274.66*	
		For Gate With Double Barb Wire Arm, Add	*399.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-468.17*	
		For Aluminized Steel Gate And Post, Add	*1,198.51*	
		For Powder Coated Gate And Post, Add	*649.19*	
32 31 13 13-0384		12' Fence Height *(32 31 13 13-0263)*		
32 31 13 13-0385	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	383.04	30.84
		For Gate With Single Barb Wire Arm, Add	*31.94*	
		For Gate With Double Barb Wire Arm, Add	*46.46*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.45*	
		For Aluminized Steel Gate And Post, Add	*139.39*	
		For Powder Coated Gate And Post, Add	*75.50*	
32 31 13 13-0386	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	479.83	30.84
		For Gate With Single Barb Wire Arm, Add	*42.59*	
		For Gate With Double Barb Wire Arm, Add	*61.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.60*	
		For Aluminized Steel Gate And Post, Add	*185.85*	
		For Powder Coated Gate And Post, Add	*100.67*	
32 31 13 13-0387	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	551.45	31.97
		For Gate With Single Barb Wire Arm, Add	*50.09*	
		For Gate With Double Barb Wire Arm, Add	*72.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.38*	
		For Aluminized Steel Gate And Post, Add	*218.58*	
		For Powder Coated Gate And Post, Add	*118.40*	
32 31 13 13-0388	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	642.91	39.70
		For Gate With Single Barb Wire Arm, Add	*57.59*	
		For Gate With Double Barb Wire Arm, Add	*83.77*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.17*	
		For Aluminized Steel Gate And Post, Add	*251.32*	
		For Powder Coated Gate And Post, Add	*136.13*	
32 31 13 13-0389	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	734.35	47.50
		For Gate With Single Barb Wire Arm, Add	*65.09*	
		For Gate With Double Barb Wire Arm, Add	*94.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-110.95*	
		For Aluminized Steel Gate And Post, Add	*284.04*	
		For Powder Coated Gate And Post, Add	*153.86*	
32 31 13 13-0390	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	825.07	55.01
		For Gate With Single Barb Wire Arm, Add	*72.59*	
		For Gate With Double Barb Wire Arm, Add	*105.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-123.74*	
		For Aluminized Steel Gate And Post, Add	*316.78*	
		For Powder Coated Gate And Post, Add	*171.59*	
32 31 13 13-0391	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	916.52	62.74
		For Gate With Single Barb Wire Arm, Add	*80.10*	
		For Gate With Double Barb Wire Arm, Add	*116.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-136.53*	
		For Aluminized Steel Gate And Post, Add	*349.51*	
		For Powder Coated Gate And Post, Add	*189.32*	
32 31 13 13-0392	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,007.99	70.48
		For Gate With Single Barb Wire Arm, Add	*87.60*	
		For Gate With Double Barb Wire Arm, Add	*127.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-149.31*	
		For Aluminized Steel Gate And Post, Add	*382.24*	
		For Powder Coated Gate And Post, Add	*207.05*	
32 31 13 13-0393	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,351.88	80.74
		For Gate With Single Barb Wire Arm, Add	*122.05*	
		For Gate With Double Barb Wire Arm, Add	*177.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.03*	
		For Aluminized Steel Gate And Post, Add	*532.56*	
		For Powder Coated Gate And Post, Add	*288.47*	
32 31 13 13-0394	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,480.29	86.92
		For Gate With Single Barb Wire Arm, Add	*134.14*	
		For Gate With Double Barb Wire Arm, Add	*195.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.64*	
		For Aluminized Steel Gate And Post, Add	*585.32*	
		For Powder Coated Gate And Post, Add	*317.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0395	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,680.54	94.14
		For Gate With Single Barb Wire Arm, Add	*153.75*	
		For Gate With Double Barb Wire Arm, Add	*223.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-262.08*	
		For Aluminized Steel Gate And Post, Add	*670.93*	
		For Powder Coated Gate And Post, Add	*363.42*	
32 31 13 13-0396	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,905.26	102.64
		For Gate With Single Barb Wire Arm, Add	*175.65*	
		For Gate With Double Barb Wire Arm, Add	*255.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-299.41*	
		For Aluminized Steel Gate And Post, Add	*766.49*	
		For Powder Coated Gate And Post, Add	*415.18*	
32 31 13 13-0397	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,135.10	113.04
		For Gate With Single Barb Wire Arm, Add	*197.55*	
		For Gate With Double Barb Wire Arm, Add	*287.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-336.74*	
		For Aluminized Steel Gate And Post, Add	*862.06*	
		For Powder Coated Gate And Post, Add	*466.95*	
32 31 13 13-0398	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,373.82	125.49
		For Gate With Single Barb Wire Arm, Add	*219.68*	
		For Gate With Double Barb Wire Arm, Add	*319.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-374.46*	
		For Aluminized Steel Gate And Post, Add	*958.61*	
		For Powder Coated Gate And Post, Add	*519.25*	
32 31 13 13-0399	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,620.35	141.21
		For Gate With Single Barb Wire Arm, Add	*241.58*	
		For Gate With Double Barb Wire Arm, Add	*351.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-411.79*	
		For Aluminized Steel Gate And Post, Add	*1,054.18*	
		For Powder Coated Gate And Post, Add	*571.01*	
32 31 13 13-0400	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,881.80	161.30
		For Gate With Single Barb Wire Arm, Add	*263.71*	
		For Gate With Double Barb Wire Arm, Add	*383.58*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-449.51*	
		For Aluminized Steel Gate And Post, Add	*1,150.73*	
		For Powder Coated Gate And Post, Add	*623.31*	
32 31 13 13-0401	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,159.91	188.36
		For Gate With Single Barb Wire Arm, Add	*285.38*	
		For Gate With Double Barb Wire Arm, Add	*415.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-486.44*	
		For Aluminized Steel Gate And Post, Add	*1,245.30*	
		For Powder Coated Gate And Post, Add	*674.54*	
32 31 13 13-0402	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,471.51	225.81
		For Gate With Single Barb Wire Arm, Add	*307.28*	
		For Gate With Double Barb Wire Arm, Add	*446.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-523.77*	
		For Aluminized Steel Gate And Post, Add	*1,340.86*	
		For Powder Coated Gate And Post, Add	*726.30*	
32 31 13 13-0403	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,842.92	282.49
		For Gate With Single Barb Wire Arm, Add	*329.41*	
		For Gate With Double Barb Wire Arm, Add	*479.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-561.49*	
		For Aluminized Steel Gate And Post, Add	*1,437.42*	
		For Powder Coated Gate And Post, Add	*778.60*	

32 31 13 13-0404 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0262)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0405 4' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0406	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	194.67	18.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-25.95*	
		For Gate With Single Barb Wire Arm, Add	*15.22*	
		For Gate With Double Barb Wire Arm, Add	*22.14*	
32 31 13 13-0407	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	240.80	18.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.60*	
		For Gate With Single Barb Wire Arm, Add	*20.30*	
		For Gate With Double Barb Wire Arm, Add	*29.52*	
32 31 13 13-0408	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	283.00	19.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.81*	
		For Gate With Single Barb Wire Arm, Add	*24.53*	
		For Gate With Double Barb Wire Arm, Add	*35.67*	
32 31 13 13-0409	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	333.44	24.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.01*	
		For Gate With Single Barb Wire Arm, Add	*28.75*	
		For Gate With Double Barb Wire Arm, Add	*41.82*	
32 31 13 13-0410	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	383.88	27.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.22*	
		For Gate With Single Barb Wire Arm, Add	*32.98*	
		For Gate With Double Barb Wire Arm, Add	*47.97*	
32 31 13 13-0411	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	434.35	31.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.43*	
		For Gate With Single Barb Wire Arm, Add	*37.21*	
		For Gate With Double Barb Wire Arm, Add	*54.12*	
32 31 13 13-0412	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	484.79	36.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.63*	
		For Gate With Single Barb Wire Arm, Add	*41.44*	
		For Gate With Double Barb Wire Arm, Add	*60.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0413	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	535.23	40.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.84*	
		For Gate With Single Barb Wire Arm, Add	*45.67*	
		For Gate With Double Barb Wire Arm, Add	*66.42*	
32 31 13 13-0414	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	673.61	40.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-103.79*	
		For Gate With Single Barb Wire Arm, Add	*60.89*	
		For Gate With Double Barb Wire Arm, Add	*88.56*	
32 31 13 13-0415	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	792.90	42.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.55*	
		For Gate With Single Barb Wire Arm, Add	*73.07*	
		For Gate With Double Barb Wire Arm, Add	*106.28*	
32 31 13 13-0416	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	913.50	46.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.30*	
		For Gate With Single Barb Wire Arm, Add	*85.24*	
		For Gate With Double Barb Wire Arm, Add	*123.99*	
32 31 13 13-0417	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,035.77	49.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-166.06*	
		For Gate With Single Barb Wire Arm, Add	*97.42*	
		For Gate With Double Barb Wire Arm, Add	*141.71*	
32 31 13 13-0418	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,179.60	60.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-186.82*	
		For Gate With Single Barb Wire Arm, Add	*109.60*	
		For Gate With Double Barb Wire Arm, Add	*159.42*	
32 31 13 13-0419	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,303.39	65.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-207.58*	
		For Gate With Single Barb Wire Arm, Add	*121.78*	
		For Gate With Double Barb Wire Arm, Add	*177.13*	
32 31 13 13-0420	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,429.20	70.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.33*	
		For Gate With Single Barb Wire Arm, Add	*133.96*	
		For Gate With Double Barb Wire Arm, Add	*194.84*	
32 31 13 13-0421	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,557.52	76.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-249.09*	
		For Gate With Single Barb Wire Arm, Add	*146.13*	
		For Gate With Double Barb Wire Arm, Add	*212.56*	
32 31 13 13-0422	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,689.06	83.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.85*	
		For Gate With Single Barb Wire Arm, Add	*158.31*	
		For Gate With Double Barb Wire Arm, Add	*230.27*	
32 31 13 13-0423	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,824.76	91.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-290.61*	
		For Gate With Single Barb Wire Arm, Add	*170.49*	
		For Gate With Double Barb Wire Arm, Add	*247.98*	
32 31 13 13-0424	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,965.99	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-311.36*	
		For Gate With Single Barb Wire Arm, Add	*182.67*	
		For Gate With Double Barb Wire Arm, Add	*265.70*	
32 31 13 13-0425		5' Fence Height *(32 31 13 13-0404)*		
32 31 13 13-0426	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	231.52	19.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.15*	
		For Gate With Single Barb Wire Arm, Add	*18.86*	
		For Gate With Double Barb Wire Arm, Add	*27.44*	
32 31 13 13-0427	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	288.68	19.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.87*	
		For Gate With Single Barb Wire Arm, Add	*25.15*	
		For Gate With Double Barb Wire Arm, Add	*36.58*	
32 31 13 13-0428	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	335.32	21.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.91*	
		For Gate With Single Barb Wire Arm, Add	*29.87*	
		For Gate With Double Barb Wire Arm, Add	*43.44*	
32 31 13 13-0429	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	390.93	25.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.95*	
		For Gate With Single Barb Wire Arm, Add	*34.58*	
		For Gate With Double Barb Wire Arm, Add	*50.30*	
32 31 13 13-0430	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	446.56	29.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.98*	
		For Gate With Single Barb Wire Arm, Add	*39.30*	
		For Gate With Double Barb Wire Arm, Add	*57.16*	
32 31 13 13-0431	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	502.93	34.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.02*	
		For Gate With Single Barb Wire Arm, Add	*44.01*	
		For Gate With Double Barb Wire Arm, Add	*64.02*	
32 31 13 13-0432	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	558.57	38.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-83.06*	
		For Gate With Single Barb Wire Arm, Add	*48.73*	
		For Gate With Double Barb Wire Arm, Add	*70.88*	
32 31 13 13-0433	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	614.19	42.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-91.10*	
		For Gate With Single Barb Wire Arm, Add	*53.44*	
		For Gate With Double Barb Wire Arm, Add	*77.74*	
32 31 13 13-0434	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	814.56	42.85
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-128.61*	
		For Gate With Single Barb Wire Arm, Add	*75.45*	
		For Gate With Double Barb Wire Arm, Add	*109.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0435	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	961.63	46.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-154.33*	
		For Gate With Single Barb Wire Arm, Add	*90.54*	
		For Gate With Double Barb Wire Arm, Add	*131.69*	
32 31 13 13-0436	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,110.37	49.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.05*	
		For Gate With Single Barb Wire Arm, Add	*105.63*	
		For Gate With Double Barb Wire Arm, Add	*153.64*	
32 31 13 13-0437	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,280.69	60.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-205.77*	
		For Gate With Single Barb Wire Arm, Add	*120.72*	
		For Gate With Double Barb Wire Arm, Add	*175.59*	
32 31 13 13-0438	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,430.95	65.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-231.49*	
		For Gate With Single Barb Wire Arm, Add	*135.81*	
		For Gate With Double Barb Wire Arm, Add	*197.54*	
32 31 13 13-0439	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,583.23	70.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.21*	
		For Gate With Single Barb Wire Arm, Add	*150.90*	
		For Gate With Double Barb Wire Arm, Add	*219.49*	
32 31 13 13-0440	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,738.03	76.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-282.94*	
		For Gate With Single Barb Wire Arm, Add	*165.99*	
		For Gate With Double Barb Wire Arm, Add	*241.44*	
32 31 13 13-0441	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,896.04	83.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-308.66*	
		For Gate With Single Barb Wire Arm, Add	*181.08*	
		For Gate With Double Barb Wire Arm, Add	*263.39*	
32 31 13 13-0442	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,058.21	91.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-334.38*	
		For Gate With Single Barb Wire Arm, Add	*196.17*	
		For Gate With Double Barb Wire Arm, Add	*285.34*	
32 31 13 13-0443	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,225.92	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-360.10*	
		For Gate With Single Barb Wire Arm, Add	*211.26*	
		For Gate With Double Barb Wire Arm, Add	*307.28*	
32 31 13 13-0444	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,401.28	114.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-385.82*	
		For Gate With Single Barb Wire Arm, Add	*226.35*	
		For Gate With Double Barb Wire Arm, Add	*329.23*	
32 31 13 13-0445		**6' Fence Height** *(32 31 13 13-0404)*		
32 31 13 13-0446	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	247.59	21.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.36*	
		For Gate With Single Barb Wire Arm, Add	*20.16*	
		For Gate With Double Barb Wire Arm, Add	*29.32*	
32 31 13 13-0447	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	308.67	21.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.81*	
		For Gate With Single Barb Wire Arm, Add	*26.88*	
		For Gate With Double Barb Wire Arm, Add	*39.09*	
32 31 13 13-0448	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	358.46	22.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.41*	
		For Gate With Single Barb Wire Arm, Add	*31.92*	
		For Gate With Double Barb Wire Arm, Add	*46.43*	
32 31 13 13-0449	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	418.54	27.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.00*	
		For Gate With Single Barb Wire Arm, Add	*36.96*	
		For Gate With Double Barb Wire Arm, Add	*53.76*	
32 31 13 13-0450	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	478.61	32.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.59*	
		For Gate With Single Barb Wire Arm, Add	*42.00*	
		For Gate With Double Barb Wire Arm, Add	*61.09*	
32 31 13 13-0451	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	537.93	36.78
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.18*	
		For Gate With Single Barb Wire Arm, Add	*47.04*	
		For Gate With Double Barb Wire Arm, Add	*68.42*	
32 31 13 13-0452	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	598.01	41.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.77*	
		For Gate With Single Barb Wire Arm, Add	*52.08*	
		For Gate With Double Barb Wire Arm, Add	*75.75*	
32 31 13 13-0453	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	658.09	46.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.36*	
		For Gate With Single Barb Wire Arm, Add	*57.12*	
		For Gate With Double Barb Wire Arm, Add	*83.08*	
32 31 13 13-0454	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	871.59	46.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.45*	
		For Gate With Single Barb Wire Arm, Add	*80.63*	
		For Gate With Double Barb Wire Arm, Add	*117.29*	
32 31 13 13-0455	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,029.75	49.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-164.93*	
		For Gate With Single Barb Wire Arm, Add	*96.76*	
		For Gate With Double Barb Wire Arm, Add	*140.74*	
32 31 13 13-0456	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,222.57	65.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-192.42*	
		For Gate With Single Barb Wire Arm, Add	*112.89*	
		For Gate With Double Barb Wire Arm, Add	*164.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0457	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,384.28	70.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-219.91*	
		For Gate With Single Barb Wire Arm, Add	*129.01*	
		For Gate With Double Barb Wire Arm, Add	*187.66*	
32 31 13 13-0458	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,548.50	76.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-247.40*	
		For Gate With Single Barb Wire Arm, Add	*145.14*	
		For Gate With Double Barb Wire Arm, Add	*211.11*	
32 31 13 13-0459	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,743.03	83.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.97*	
		For Gate With Single Barb Wire Arm, Add	*164.25*	
		For Gate With Double Barb Wire Arm, Add	*238.91*	
32 31 13 13-0460	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,892.46	91.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-303.30*	
		For Gate With Single Barb Wire Arm, Add	*177.94*	
		For Gate With Double Barb Wire Arm, Add	*258.82*	
32 31 13 13-0461	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,064.68	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.87*	
		For Gate With Single Barb Wire Arm, Add	*193.52*	
		For Gate With Double Barb Wire Arm, Add	*281.49*	
32 31 13 13-0462	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,249.46	114.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-357.35*	
		For Gate With Single Barb Wire Arm, Add	*209.65*	
		For Gate With Double Barb Wire Arm, Add	*304.94*	
32 31 13 13-0463	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,445.14	130.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-384.84*	
		For Gate With Single Barb Wire Arm, Add	*225.78*	
		For Gate With Double Barb Wire Arm, Add	*328.40*	
32 31 13 13-0464	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,657.19	152.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-412.33*	
		For Gate With Single Barb Wire Arm, Add	*241.90*	
		For Gate With Double Barb Wire Arm, Add	*351.86*	

32 31 13 13-0465 7' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0466	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	261.76	23.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.09*	
		For Gate With Single Barb Wire Arm, Add	*21.17*	
		For Gate With Double Barb Wire Arm, Add	*30.80*	
32 31 13 13-0467	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	325.93	23.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-48.12*	
		For Gate With Single Barb Wire Arm, Add	*28.23*	
		For Gate With Double Barb Wire Arm, Add	*41.06*	
32 31 13 13-0468	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	377.59	24.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.15*	
		For Gate With Single Barb Wire Arm, Add	*33.53*	
		For Gate With Double Barb Wire Arm, Add	*48.77*	
32 31 13 13-0469	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	441.46	29.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.17*	
		For Gate With Single Barb Wire Arm, Add	*38.82*	
		For Gate With Double Barb Wire Arm, Add	*56.46*	
32 31 13 13-0470	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	504.59	34.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.19*	
		For Gate With Single Barb Wire Arm, Add	*44.11*	
		For Gate With Double Barb Wire Arm, Add	*64.16*	
32 31 13 13-0471	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	568.49	39.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.22*	
		For Gate With Single Barb Wire Arm, Add	*49.41*	
		For Gate With Double Barb Wire Arm, Add	*71.87*	
32 31 13 13-0472	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	631.61	44.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-93.24*	
		For Gate With Single Barb Wire Arm, Add	*54.70*	
		For Gate With Double Barb Wire Arm, Add	*79.56*	
32 31 13 13-0473	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	695.51	49.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.26*	
		For Gate With Single Barb Wire Arm, Add	*59.99*	
		For Gate With Double Barb Wire Arm, Add	*87.26*	
32 31 13 13-0474	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	920.07	49.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-144.37*	
		For Gate With Single Barb Wire Arm, Add	*84.70*	
		For Gate With Double Barb Wire Arm, Add	*123.19*	
32 31 13 13-0475	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,120.26	65.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-173.24*	
		For Gate With Single Barb Wire Arm, Add	*101.63*	
		For Gate With Double Barb Wire Arm, Add	*147.83*	
32 31 13 13-0476	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,289.36	70.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-202.11*	
		For Gate With Single Barb Wire Arm, Add	*118.57*	
		For Gate With Double Barb Wire Arm, Add	*172.47*	
32 31 13 13-0477	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,460.95	76.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-230.98*	
		For Gate With Single Barb Wire Arm, Add	*135.51*	
		For Gate With Double Barb Wire Arm, Add	*197.11*	
32 31 13 13-0478	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,635.79	83.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-259.86*	
		For Gate With Single Barb Wire Arm, Add	*152.45*	
		For Gate With Double Barb Wire Arm, Add	*221.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0479	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,814.75	91.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-288.73*	
		For Gate With Single Barb Wire Arm, Add	*169.39*	
		For Gate With Double Barb Wire Arm, Add	*246.38*	
32 31 13 13-0480	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,999.25	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-317.60*	
		For Gate With Single Barb Wire Arm, Add	*186.32*	
		For Gate With Double Barb Wire Arm, Add	*271.02*	
32 31 13 13-0481	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,191.44	114.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.48*	
		For Gate With Single Barb Wire Arm, Add	*203.27*	
		For Gate With Double Barb Wire Arm, Add	*295.66*	
32 31 13 13-0482	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,394.52	130.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-375.35*	
		For Gate With Single Barb Wire Arm, Add	*220.21*	
		For Gate With Double Barb Wire Arm, Add	*320.30*	
32 31 13 13-0483	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,613.93	152.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-404.22*	
		For Gate With Single Barb Wire Arm, Add	*237.14*	
		For Gate With Double Barb Wire Arm, Add	*344.94*	
32 31 13 13-0484	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,859.56	183.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-433.10*	
		For Gate With Single Barb Wire Arm, Add	*254.08*	
		For Gate With Double Barb Wire Arm, Add	*369.58*	

32 31 13 13-0485 8' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0486	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	308.35	25.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.74*	
		For Gate With Single Barb Wire Arm, Add	*25.66*	
		For Gate With Double Barb Wire Arm, Add	*37.33*	
32 31 13 13-0487	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	386.12	25.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-58.33*	
		For Gate With Single Barb Wire Arm, Add	*34.22*	
		For Gate With Double Barb Wire Arm, Add	*49.77*	
32 31 13 13-0488	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	437.97	25.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.05*	
		For Gate With Single Barb Wire Arm, Add	*39.92*	
		For Gate With Double Barb Wire Arm, Add	*58.07*	
32 31 13 13-0489	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	509.34	31.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.77*	
		For Gate With Single Barb Wire Arm, Add	*45.62*	
		For Gate With Double Barb Wire Arm, Add	*66.36*	
32 31 13 13-0490	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	580.69	37.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-87.49*	
		For Gate With Single Barb Wire Arm, Add	*51.33*	
		For Gate With Double Barb Wire Arm, Add	*74.66*	
32 31 13 13-0491	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	651.30	44.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-97.21*	
		For Gate With Single Barb Wire Arm, Add	*57.03*	
		For Gate With Double Barb Wire Arm, Add	*82.95*	
32 31 13 13-0492	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	722.67	50.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.93*	
		For Gate With Single Barb Wire Arm, Add	*62.73*	
		For Gate With Double Barb Wire Arm, Add	*91.25*	
32 31 13 13-0493	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	794.01	57.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.65*	
		For Gate With Single Barb Wire Arm, Add	*68.44*	
		For Gate With Double Barb Wire Arm, Add	*99.54*	
32 31 13 13-0494	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,129.54	65.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-174.98*	
		For Gate With Single Barb Wire Arm, Add	*102.65*	
		For Gate With Double Barb Wire Arm, Add	*149.32*	
32 31 13 13-0495	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,331.28	70.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-209.97*	
		For Gate With Single Barb Wire Arm, Add	*123.18*	
		For Gate With Double Barb Wire Arm, Add	*179.18*	
32 31 13 13-0496	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,535.54	76.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-244.97*	
		For Gate With Single Barb Wire Arm, Add	*143.72*	
		For Gate With Double Barb Wire Arm, Add	*209.04*	
32 31 13 13-0497	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,743.02	83.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.97*	
		For Gate With Single Barb Wire Arm, Add	*164.25*	
		For Gate With Double Barb Wire Arm, Add	*238.90*	
32 31 13 13-0498	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,954.65	91.56
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-314.96*	
		For Gate With Single Barb Wire Arm, Add	*184.78*	
		For Gate With Double Barb Wire Arm, Add	*268.77*	
32 31 13 13-0499	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,171.82	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-349.96*	
		For Gate With Single Barb Wire Arm, Add	*205.31*	
		For Gate With Double Barb Wire Arm, Add	*298.63*	
32 31 13 13-0500	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,396.65	114.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-384.95*	
		For Gate With Single Barb Wire Arm, Add	*225.84*	
		For Gate With Double Barb Wire Arm, Add	*328.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0501	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,632.36	130.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-419.95*	
		For Gate With Single Barb Wire Arm, Add	*246.37*	
		For Gate With Double Barb Wire Arm, Add	*358.36*	
32 31 13 13-0502	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,884.44	152.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-454.94*	
		For Gate With Single Barb Wire Arm, Add	*266.90*	
		For Gate With Double Barb Wire Arm, Add	*388.22*	
32 31 13 13-0503	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,162.71	183.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-489.94*	
		For Gate With Single Barb Wire Arm, Add	*287.43*	
		For Gate With Double Barb Wire Arm, Add	*418.08*	
32 31 13 13-0504	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,486.78	228.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-524.93*	
		For Gate With Single Barb Wire Arm, Add	*307.96*	
		For Gate With Double Barb Wire Arm, Add	*447.94*	
32 31 13 13-0505		**10' Fence Height** *(32 31 13 13-0404)*		
32 31 13 13-0506	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	354.03	27.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.75*	
		For Gate With Single Barb Wire Arm, Add	*29.77*	
		For Gate With Double Barb Wire Arm, Add	*43.30*	
32 31 13 13-0507	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	444.25	27.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.66*	
		For Gate With Single Barb Wire Arm, Add	*39.69*	
		For Gate With Double Barb Wire Arm, Add	*57.74*	
32 31 13 13-0508	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	508.07	28.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.94*	
		For Gate With Single Barb Wire Arm, Add	*46.31*	
		For Gate With Double Barb Wire Arm, Add	*67.36*	
32 31 13 13-0509	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	589.22	36.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.22*	
		For Gate With Single Barb Wire Arm, Add	*52.93*	
		For Gate With Double Barb Wire Arm, Add	*76.98*	
32 31 13 13-0510	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	669.63	42.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.49*	
		For Gate With Single Barb Wire Arm, Add	*59.54*	
		For Gate With Double Barb Wire Arm, Add	*86.61*	
32 31 13 13-0511	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	750.79	49.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.77*	
		For Gate With Single Barb Wire Arm, Add	*66.16*	
		For Gate With Double Barb Wire Arm, Add	*96.23*	
32 31 13 13-0512	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	831.20	56.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-124.05*	
		For Gate With Single Barb Wire Arm, Add	*72.77*	
		For Gate With Double Barb Wire Arm, Add	*105.85*	
32 31 13 13-0513	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	912.36	63.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-135.32*	
		For Gate With Single Barb Wire Arm, Add	*79.39*	
		For Gate With Double Barb Wire Arm, Add	*115.48*	
32 31 13 13-0514	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,300.72	72.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-202.98*	
		For Gate With Single Barb Wire Arm, Add	*119.08*	
		For Gate With Double Barb Wire Arm, Add	*173.21*	
32 31 13 13-0515	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,533.93	78.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-243.58*	
		For Gate With Single Barb Wire Arm, Add	*142.90*	
		For Gate With Double Barb Wire Arm, Add	*207.85*	
32 31 13 13-0516	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,770.10	84.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-284.18*	
		For Gate With Single Barb Wire Arm, Add	*166.72*	
		For Gate With Double Barb Wire Arm, Add	*242.50*	
32 31 13 13-0517	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,009.64	92.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-324.77*	
		For Gate With Single Barb Wire Arm, Add	*190.53*	
		For Gate With Double Barb Wire Arm, Add	*277.14*	
32 31 13 13-0518	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,254.03	101.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-365.37*	
		For Gate With Single Barb Wire Arm, Add	*214.35*	
		For Gate With Double Barb Wire Arm, Add	*311.78*	
32 31 13 13-0519	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,504.30	112.94
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-405.97*	
		For Gate With Single Barb Wire Arm, Add	*238.17*	
		For Gate With Double Barb Wire Arm, Add	*346.42*	
32 31 13 13-0520	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,763.41	127.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-446.56*	
		For Gate With Single Barb Wire Arm, Add	*261.98*	
		For Gate With Double Barb Wire Arm, Add	*381.07*	
32 31 13 13-0521	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,034.18	145.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-487.16*	
		For Gate With Single Barb Wire Arm, Add	*285.80*	
		For Gate With Double Barb Wire Arm, Add	*415.71*	
32 31 13 13-0522	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,323.68	169.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-527.76*	
		For Gate With Single Barb Wire Arm, Add	*309.62*	
		For Gate With Double Barb Wire Arm, Add	*450.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0523	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,641.44	203.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-568.35*	
		For Gate With Single Barb Wire Arm, Add	*333.43*	
		For Gate With Double Barb Wire Arm, Add	*484.99*	
32 31 13 13-0524	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,011.20	254.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-608.95*	
		For Gate With Single Barb Wire Arm, Add	*357.25*	
		For Gate With Double Barb Wire Arm, Add	*519.64*	

32 31 13 13-0525 12' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0526	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	470.09	30.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.77*	
		For Gate With Single Barb Wire Arm, Add	*41.52*	
		For Gate With Double Barb Wire Arm, Add	*60.39*	
32 31 13 13-0527	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	595.56	30.84
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.30*	
		For Gate With Single Barb Wire Arm, Add	*55.32*	
		For Gate With Double Barb Wire Arm, Add	*80.47*	
32 31 13 13-0528	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	692.30	31.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.79*	
		For Gate With Single Barb Wire Arm, Add	*65.59*	
		For Gate With Double Barb Wire Arm, Add	*95.40*	
32 31 13 13-0529	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	793.33	39.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.38*	
		For Gate With Single Barb Wire Arm, Add	*74.14*	
		For Gate With Double Barb Wire Arm, Add	*107.84*	
32 31 13 13-0530	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	903.01	47.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-142.58*	
		For Gate With Single Barb Wire Arm, Add	*83.65*	
		For Gate With Double Barb Wire Arm, Add	*121.67*	
32 31 13 13-0531	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,011.94	55.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.78*	
		For Gate With Single Barb Wire Arm, Add	*93.15*	
		For Gate With Double Barb Wire Arm, Add	*135.49*	
32 31 13 13-0532	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,121.61	62.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-174.98*	
		For Gate With Single Barb Wire Arm, Add	*102.66*	
		For Gate With Double Barb Wire Arm, Add	*149.32*	
32 31 13 13-0533	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,222.65	70.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.56*	
		For Gate With Single Barb Wire Arm, Add	*111.21*	
		For Gate With Double Barb Wire Arm, Add	*161.76*	
32 31 13 13-0534	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,758.27	80.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-284.25*	
		For Gate With Single Barb Wire Arm, Add	*166.76*	
		For Gate With Double Barb Wire Arm, Add	*242.56*	
32 31 13 13-0535	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,129.40	86.92
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-350.35*	
		For Gate With Single Barb Wire Arm, Add	*205.54*	
		For Gate With Double Barb Wire Arm, Add	*298.96*	
32 31 13 13-0536	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,464.45	94.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-409.07*	
		For Gate With Single Barb Wire Arm, Add	*239.98*	
		For Gate With Double Barb Wire Arm, Add	*349.07*	
32 31 13 13-0537	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,801.16	102.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-467.39*	
		For Gate With Single Barb Wire Arm, Add	*274.20*	
		For Gate With Double Barb Wire Arm, Add	*398.84*	
32 31 13 13-0538	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,139.00	113.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-524.94*	
		For Gate With Single Barb Wire Arm, Add	*307.96*	
		For Gate With Double Barb Wire Arm, Add	*447.95*	
32 31 13 13-0539	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,487.47	125.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-583.27*	
		For Gate With Single Barb Wire Arm, Add	*342.18*	
		For Gate With Double Barb Wire Arm, Add	*497.72*	
32 31 13 13-0540	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,845.99	141.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-641.60*	
		For Gate With Single Barb Wire Arm, Add	*376.40*	
		For Gate With Double Barb Wire Arm, Add	*547.49*	
32 31 13 13-0541	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,217.35	161.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-699.92*	
		For Gate With Single Barb Wire Arm, Add	*410.62*	
		For Gate With Double Barb Wire Arm, Add	*597.27*	
32 31 13 13-0542	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,619.90	188.36
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-760.19*	
		For Gate With Single Barb Wire Arm, Add	*445.98*	
		For Gate With Double Barb Wire Arm, Add	*648.70*	
32 31 13 13-0543	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,043.48	225.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-818.52*	
		For Gate With Single Barb Wire Arm, Add	*480.20*	
		For Gate With Double Barb Wire Arm, Add	*698.47*	
32 31 13 13-0544	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,524.81	282.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-876.85*	
		For Gate With Single Barb Wire Arm, Add	*514.42*	
		For Gate With Double Barb Wire Arm, Add	*748.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0545		Sliding Gate *(32 31 13 13-0262)*		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0546		4' High Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0547	EA	10' Long x 4' High Sliding Gate	1,562.38	278.80
		For Gate With Barb Wire Arm, Add	*110.52*	
		For Vinyl Coated, Add	*301.42*	
32 31 13 13-0548	EA	12' Long x 4' High Sliding Gate	1,878.81	336.61
		For Gate With Barb Wire Arm, Add	*132.63*	
		For Vinyl Coated, Add	*361.71*	
32 31 13 13-0549	EA	14' Long x 4' High Sliding Gate	2,192.11	392.70
		For Gate With Barb Wire Arm, Add	*154.73*	
		For Vinyl Coated, Add	*421.99*	
32 31 13 13-0550	EA	16' Long x 4' High Sliding Gate	2,510.29	451.36
		For Gate With Barb Wire Arm, Add	*176.84*	
		For Vinyl Coated, Add	*482.28*	
32 31 13 13-0551	EA	18' Long x 4' High Sliding Gate	2,824.12	507.78
		For Gate With Barb Wire Arm, Add	*198.94*	
		For Vinyl Coated, Add	*542.57*	
32 31 13 13-0552	EA	20' Long x 4' High Sliding Gate	3,127.51	558.98
		For Gate With Barb Wire Arm, Add	*221.05*	
		For Vinyl Coated, Add	*602.85*	
32 31 13 13-0553	EA	24' Long x 4' High Sliding Gate	3,739.96	673.12
		For Gate With Barb Wire Arm, Add	*263.31*	
		For Vinyl Coated, Add	*718.11*	
32 31 13 13-0554	EA	30' Long x 4' High Sliding Gate	5,555.40	1,270.59
		For Gate With Barb Wire Arm, Add	*331.57*	
		For Vinyl Coated, Add	*904.27*	
32 31 13 13-0555	EA	40' Long x 4' High Sliding Gate	7,407.19	1,694.11
		For Gate With Barb Wire Arm, Add	*442.09*	
		For Vinyl Coated, Add	*1,205.69*	
32 31 13 13-0556		5' High Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0557	EA	10' Long x 5' High Sliding Gate	1,641.16	303.45
		For Gate With Barb Wire Arm, Add	*113.77*	
		For Vinyl Coated, Add	*310.28*	
32 31 13 13-0558	EA	12' Long x 5' High Sliding Gate	1,968.56	363.75
		For Gate With Barb Wire Arm, Add	*136.52*	
		For Vinyl Coated, Add	*372.34*	
32 31 13 13-0559	EA	14' Long x 5' High Sliding Gate	2,296.51	424.30
		For Gate With Barb Wire Arm, Add	*159.28*	
		For Vinyl Coated, Add	*434.40*	
32 31 13 13-0560	EA	16' Long x 5' High Sliding Gate	2,624.81	485.03
		For Gate With Barb Wire Arm, Add	*182.03*	
		For Vinyl Coated, Add	*496.45*	
32 31 13 13-0561	EA	18' Long x 5' High Sliding Gate	2,952.72	545.49
		For Gate With Barb Wire Arm, Add	*204.79*	
		For Vinyl Coated, Add	*558.51*	
32 31 13 13-0562	EA	20' Long x 5' High Sliding Gate	3,280.85	606.13
		For Gate With Barb Wire Arm, Add	*227.54*	
		For Vinyl Coated, Add	*620.57*	
32 31 13 13-0563	EA	24' Long x 5' High Sliding Gate	3,920.44	728.18
		For Gate With Barb Wire Arm, Add	*271.05*	
		For Vinyl Coated, Add	*739.22*	
32 31 13 13-0564	EA	30' Long x 5' High Sliding Gate	4,921.59	909.41
		For Gate With Barb Wire Arm, Add	*341.31*	
		For Vinyl Coated, Add	*930.85*	
32 31 13 13-0565	EA	40' Long x 5' High Sliding Gate	6,561.70	1,212.26
		For Gate With Barb Wire Arm, Add	*455.08*	
		For Vinyl Coated, Add	*1,241.13*	
32 31 13 13-0566		6' High Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0567	EA	10' Long x 6' High Sliding Gate	1,766.41	355.77
		For Gate With Barb Wire Arm, Add	*116.04*	
		For Vinyl Coated, Add	*316.49*	
32 31 13 13-0568	EA	12' Long x 6' High Sliding Gate	2,117.19	425.59
		For Gate With Barb Wire Arm, Add	*139.25*	
		For Vinyl Coated, Add	*379.78*	
32 31 13 13-0569	EA	14' Long x 6' High Sliding Gate	2,469.88	496.45
		For Gate With Barb Wire Arm, Add	*162.46*	
		For Vinyl Coated, Add	*443.08*	
32 31 13 13-0570	EA	16' Long x 6' High Sliding Gate	2,822.91	567.48
		For Gate With Barb Wire Arm, Add	*185.67*	
		For Vinyl Coated, Add	*506.37*	
32 31 13 13-0571	EA	18' Long x 6' High Sliding Gate	3,175.61	638.34
		For Gate With Barb Wire Arm, Add	*208.88*	
		For Vinyl Coated, Add	*569.67*	
32 31 13 13-0572	EA	20' Long x 6' High Sliding Gate	3,533.10	711.61
		For Gate With Barb Wire Arm, Add	*232.09*	
		For Vinyl Coated, Add	*632.97*	
32 31 13 13-0573	EA	24' Long x 6' High Sliding Gate	4,215.80	851.27
		For Gate With Barb Wire Arm, Add	*276.46*	
		For Vinyl Coated, Add	*753.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0574	EA	30' Long x 6' High Sliding Gate	5,293.49	1,064.36
		For Gate With Barb Wire Arm, Add	*348.13*	
		For Vinyl Coated, Add	*949.45*	
32 31 13 13-0575	EA	40' Long x 6' High Sliding Gate	7,056.82	1,418.49
		For Gate With Barb Wire Arm, Add	*464.18*	
		For Vinyl Coated, Add	*1,265.94*	

32 31 13 13-0576 7' High Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0577	EA	10' Long x 7' High Sliding Gate	1,889.92	396.81
		For Gate With Barb Wire Arm, Add	*120.59*	
		For Vinyl Coated, Add	*328.89*	
32 31 13 13-0578	EA	12' Long x 7' High Sliding Gate	2,267.28	475.84
		For Gate With Barb Wire Arm, Add	*144.71*	
		For Vinyl Coated, Add	*394.67*	
32 31 13 13-0579	EA	14' Long x 7' High Sliding Gate	2,645.94	555.55
		For Gate With Barb Wire Arm, Add	*168.83*	
		For Vinyl Coated, Add	*460.44*	
32 31 13 13-0580	EA	16' Long x 7' High Sliding Gate	3,023.23	634.57
		For Gate With Barb Wire Arm, Add	*192.95*	
		For Vinyl Coated, Add	*526.22*	
32 31 13 13-0581	EA	18' Long x 7' High Sliding Gate	3,401.26	714.01
		For Gate With Barb Wire Arm, Add	*217.07*	
		For Vinyl Coated, Add	*592.00*	
32 31 13 13-0582	EA	20' Long x 7' High Sliding Gate	3,778.75	793.12
		For Gate With Barb Wire Arm, Add	*241.18*	
		For Vinyl Coated, Add	*657.77*	
32 31 13 13-0583	EA	24' Long x 7' High Sliding Gate	4,515.19	951.67
		For Gate With Barb Wire Arm, Add	*287.30*	
		For Vinyl Coated, Add	*783.54*	
32 31 13 13-0584	EA	30' Long x 7' High Sliding Gate	5,668.11	1,189.60
		For Gate With Barb Wire Arm, Add	*361.77*	
		For Vinyl Coated, Add	*986.66*	
32 31 13 13-0585	EA	40' Long x 7' High Sliding Gate	7,557.49	1,586.16
		For Gate With Barb Wire Arm, Add	*482.37*	
		For Vinyl Coated, Add	*1,315.55*	

32 31 13 13-0586 8' High Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0587	EA	10' Long x 8' High Sliding Gate	1,988.54	429.89
		For Gate With Barb Wire Arm, Add	*124.16*	
		For Vinyl Coated, Add	*338.63*	
32 31 13 13-0588	EA	12' Long x 8' High Sliding Gate	2,383.78	514.66
		For Gate With Barb Wire Arm, Add	*149.00*	
		For Vinyl Coated, Add	*406.36*	
32 31 13 13-0589	EA	14' Long x 8' High Sliding Gate	2,781.12	600.47
		For Gate With Barb Wire Arm, Add	*173.83*	
		For Vinyl Coated, Add	*474.08*	
32 31 13 13-0590	EA	16' Long x 8' High Sliding Gate	3,178.65	686.27
		For Gate With Barb Wire Arm, Add	*198.66*	
		For Vinyl Coated, Add	*541.81*	
32 31 13 13-0591	EA	18' Long x 8' High Sliding Gate	3,575.19	771.74
		For Gate With Barb Wire Arm, Add	*223.50*	
		For Vinyl Coated, Add	*609.53*	
32 31 13 13-0592	EA	20' Long x 8' High Sliding Gate	3,972.79	857.62
		For Gate With Barb Wire Arm, Add	*248.33*	
		For Vinyl Coated, Add	*677.26*	
32 31 13 13-0593	EA	24' Long x 8' High Sliding Gate	4,747.69	1,029.23
		For Gate With Barb Wire Arm, Add	*295.81*	
		For Vinyl Coated, Add	*806.75*	
32 31 13 13-0594	EA	30' Long x 8' High Sliding Gate	5,959.83	1,286.73
		For Gate With Barb Wire Arm, Add	*372.49*	
		For Vinyl Coated, Add	*1,015.89*	
32 31 13 13-0595	EA	40' Long x 8' High Sliding Gate	7,943.87	1,714.38
		For Gate With Barb Wire Arm, Add	*496.66*	
		For Vinyl Coated, Add	*1,354.52*	

32 31 13 13-0596 9' High Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0597	EA	10' Long x 9' High Sliding Gate	2,105.10	468.96
		For Gate With Barb Wire Arm, Add	*128.39*	
		For Vinyl Coated, Add	*350.15*	
32 31 13 13-0598	EA	12' Long x 9' High Sliding Gate	2,522.61	561.04
		For Gate With Barb Wire Arm, Add	*154.06*	
		For Vinyl Coated, Add	*420.18*	
32 31 13 13-0599	EA	14' Long x 9' High Sliding Gate	2,942.84	654.40
		For Gate With Barb Wire Arm, Add	*179.74*	
		For Vinyl Coated, Add	*490.21*	
32 31 13 13-0600	EA	16' Long x 9' High Sliding Gate	3,363.81	748.20
		For Gate With Barb Wire Arm, Add	*205.42*	
		For Vinyl Coated, Add	*560.24*	
32 31 13 13-0601	EA	18' Long x 9' High Sliding Gate	3,784.20	841.65
		For Gate With Barb Wire Arm, Add	*231.10*	
		For Vinyl Coated, Add	*630.26*	
32 31 13 13-0602	EA	20' Long x 9' High Sliding Gate	4,204.57	935.09
		For Gate With Barb Wire Arm, Add	*256.78*	
		For Vinyl Coated, Add	*700.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0603	EA	24' Long x 9' High Sliding Gate	5,024.69	1,122.00
		For Gate With Barb Wire Arm, Add	*305.87*	
		For Vinyl Coated, Add	*834.19*	
32 31 13 13-0604	EA	30' Long x 9' High Sliding Gate	6,306.07	1,402.35
		For Gate With Barb Wire Arm, Add	*385.16*	
		For Vinyl Coated, Add	*1,050.44*	
32 31 13 13-0605	EA	40' Long x 9' High Sliding Gate	8,411.17	1,871.31
		For Gate With Barb Wire Arm, Add	*513.55*	
		For Vinyl Coated, Add	*1,400.59*	

32 31 13 13-0606 10' High Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0607	EA	10' Long x 10' High Sliding Gate	2,249.08	515.87
		For Gate With Barb Wire Arm, Add	*133.91*	
		For Vinyl Coated, Add	*365.21*	
32 31 13 13-0608	EA	12' Long x 10' High Sliding Gate	2,698.90	619.02
		For Gate With Barb Wire Arm, Add	*160.69*	
		For Vinyl Coated, Add	*438.25*	
32 31 13 13-0609	EA	14' Long x 10' High Sliding Gate	3,149.06	722.34
		For Gate With Barb Wire Arm, Add	*187.47*	
		For Vinyl Coated, Add	*511.29*	
32 31 13 13-0610	EA	16' Long x 10' High Sliding Gate	3,598.74	825.50
		For Gate With Barb Wire Arm, Add	*214.26*	
		For Vinyl Coated, Add	*584.33*	
32 31 13 13-0611	EA	18' Long x 10' High Sliding Gate	4,048.35	928.57
		For Gate With Barb Wire Arm, Add	*241.04*	
		For Vinyl Coated, Add	*657.37*	
32 31 13 13-0612	EA	20' Long x 10' High Sliding Gate	4,498.17	1,031.72
		For Gate With Barb Wire Arm, Add	*267.82*	
		For Vinyl Coated, Add	*730.42*	
32 31 13 13-0613	EA	24' Long x 10' High Sliding Gate	5,377.26	1,238.55
		For Gate With Barb Wire Arm, Add	*319.03*	
		For Vinyl Coated, Add	*870.07*	
32 31 13 13-0614	EA	30' Long x 10' High Sliding Gate	6,747.25	1,547.59
		For Gate With Barb Wire Arm, Add	*401.73*	
		For Vinyl Coated, Add	*1,095.62*	
32 31 13 13-0615	EA	40' Long x 10' High Sliding Gate	8,993.86	2,062.25
		For Gate With Barb Wire Arm, Add	*535.64*	
		For Vinyl Coated, Add	*1,460.83*	

32 31 13 13-0616 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0262)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

32 31 13 13-0617	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	2,840.36	343.57
		For Gate With Single Barb Wire Arm, Add	*236.86*	
		For Gate With Double Barb Wire Arm, Add	*344.52*	
		For Aluminized Steel Gate And Post, Add	*1,033.55*	
		For Powder Coated Gate And Post, Add	*452.18*	
		For Vinyl Coated, Add	*645.97*	
32 31 13 13-0618	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	3,158.72	429.45
		For Gate With Single Barb Wire Arm, Add	*252.98*	
		For Gate With Double Barb Wire Arm, Add	*367.97*	
		For Aluminized Steel Gate And Post, Add	*1,103.91*	
		For Powder Coated Gate And Post, Add	*482.96*	
		For Vinyl Coated, Add	*689.94*	
32 31 13 13-0619	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	3,479.09	515.35
		For Gate With Single Barb Wire Arm, Add	*269.32*	
		For Gate With Double Barb Wire Arm, Add	*391.74*	
		For Aluminized Steel Gate And Post, Add	*1,175.23*	
		For Powder Coated Gate And Post, Add	*514.16*	
		For Vinyl Coated, Add	*734.52*	
32 31 13 13-0620	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	4,149.11	687.13
		For Gate With Single Barb Wire Arm, Add	*305.23*	
		For Gate With Double Barb Wire Arm, Add	*443.98*	
		For Aluminized Steel Gate And Post, Add	*1,331.93*	
		For Powder Coated Gate And Post, Add	*582.72*	
		For Vinyl Coated, Add	*832.46*	
32 31 13 13-0621	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	3,895.83	687.13
		For Gate With Single Barb Wire Arm, Add	*277.37*	
		For Gate With Double Barb Wire Arm, Add	*403.45*	
		For Aluminized Steel Gate And Post, Add	*1,210.35*	
		For Powder Coated Gate And Post, Add	*529.53*	
		For Vinyl Coated, Add	*756.47*	
32 31 13 13-0622	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	4,643.50	901.85
		For Gate With Single Barb Wire Arm, Add	*312.38*	
		For Gate With Double Barb Wire Arm, Add	*454.37*	
		For Aluminized Steel Gate And Post, Add	*1,363.10*	
		For Powder Coated Gate And Post, Add	*596.36*	
		For Vinyl Coated, Add	*851.94*	
32 31 13 13-0623	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	6,092.84	1,116.59
		For Gate With Single Barb Wire Arm, Add	*424.56*	
		For Gate With Double Barb Wire Arm, Add	*617.55*	
		For Aluminized Steel Gate And Post, Add	*1,852.64*	
		For Powder Coated Gate And Post, Add	*810.53*	
		For Vinyl Coated, Add	*1,157.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0624	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	6,922.26	1,331.31
		For Gate With Single Barb Wire Arm, Add	*468.56*	
		For Gate With Double Barb Wire Arm, Add	*681.54*	
		For Aluminized Steel Gate And Post, Add	*2,044.62*	
		For Powder Coated Gate And Post, Add	*894.52*	
		For Vinyl Coated, Add	*1,277.89*	
32 31 13 13-0625	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	4,602.76	858.91
		For Gate With Single Barb Wire Arm, Add	*317.34*	
		For Gate With Double Barb Wire Arm, Add	*461.59*	
		For Aluminized Steel Gate And Post, Add	*1,384.77*	
		For Powder Coated Gate And Post, Add	*605.84*	
		For Vinyl Coated, Add	*865.48*	
32 31 13 13-0626	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	5,567.54	1,159.53
		For Gate With Single Barb Wire Arm, Add	*357.33*	
		For Gate With Double Barb Wire Arm, Add	*519.76*	
		For Aluminized Steel Gate And Post, Add	*1,559.27*	
		For Powder Coated Gate And Post, Add	*682.18*	
		For Vinyl Coated, Add	*974.54*	
32 31 13 13-0627	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	7,335.42	1,460.15
		For Gate With Single Barb Wire Arm, Add	*485.66*	
		For Gate With Double Barb Wire Arm, Add	*706.42*	
		For Aluminized Steel Gate And Post, Add	*2,119.26*	
		For Powder Coated Gate And Post, Add	*927.18*	
		For Vinyl Coated, Add	*1,324.54*	
32 31 13 13-0628	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	8,307.73	1,717.82
		For Gate With Single Barb Wire Arm, Add	*535.93*	
		For Gate With Double Barb Wire Arm, Add	*779.53*	
		For Aluminized Steel Gate And Post, Add	*2,338.60*	
		For Powder Coated Gate And Post, Add	*1,023.14*	
		For Vinyl Coated, Add	*1,461.62*	

32 31 13 13-0629 Gate Accessories *(32 31 13 13-0262)*

32 31 13 13-0630	EA	Gate Center Stop, Cast Steel, Ground	18.05	
32 31 13 13-0631	EA	Gate Latch, Malleable Galvanized Steel	31.03	
32 31 13 13-0632	EA	Gate Keeper, Full Length, Galvanized Steel	135.97	
32 31 13 13-0633	EA	Gate Keeper Hold-Open For Cantilever Gate	67.28	14.26
32 31 13 13-0634	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	38.49	
32 31 13 13-0635	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	765.05	
32 31 13 13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	820.23	
32 31 13 13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	875.39	

32 31 13 13-0638 Accessories *(32 31 13 13)*

32 31 13 13-0639 Barbed And Concertina Wire *(32 31 13 13-0638)*

32 31 13 13-0640 Single Strand Barbed Wire *(32 31 13 13-0639)*

32 31 13 13-0641	LF	Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	0.80	0.38
		For >500 To 2,000, Deduct	*-0.08*	
		For >2,000, Deduct	*-0.12*	
32 31 13 13-0642	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	0.88	0.38
		For >500 To 2,000, Deduct	*-0.08*	
		For >2,000, Deduct	*-0.12*	
32 31 13 13-0643	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	8.22	6.00
32 31 13 13-0644	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	12.64	7.21
32 31 13 13-0645	EA	Barbed Wire Eye Tops (For Single Strand)	8.79	6.00

32 31 13 13-0646 Galvanized Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0639)*

32 31 13 13-0647	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	2.50	0.53
		For >500 To 1,500, Deduct	*-0.23*	
		For >1,500 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.65*	
		For Ground Installation, Deduct	*-0.38*	
		For Double Coil (Helix), Add	*1.75*	
32 31 13 13-0648	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.76	0.53
		For >500 To 1,500, Deduct	*-0.34*	
		For >1,500 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-0.98*	
		For Ground Installation, Deduct	*-0.56*	
		For Double Coil (Helix), Add	*2.64*	
32 31 13 13-0649	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	5.01	0.53
		For >500 To 1,500, Deduct	*-0.45*	
		For >1,500 To 5,000, Deduct	*-0.90*	
		For >5,000, Deduct	*-1.30*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*3.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0650	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.07	0.53
		For >500 To 1,500, Deduct	*-0.27*	
		For >1,500 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.78*	
		For Ground Installation, Deduct	*-0.42*	
		For Double Coil (Helix), Add	*2.24*	
32 31 13 13-0651	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.62	0.53
		For >500 To 1,500, Deduct	*-0.41*	
		For >1,500 To 5,000, Deduct	*-0.82*	
		For >5,000, Deduct	*-1.17*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*3.37*	
32 31 13 13-0652	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.12	0.53
		For >500 To 1,500, Deduct	*-0.54*	
		For >1,500 To 5,000, Deduct	*-1.08*	
		For >5,000, Deduct	*-1.56*	
		For Ground Installation, Deduct	*-0.83*	
		For Double Coil (Helix), Add	*4.46*	
32 31 13 13-0653	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	7.37	0.53
		For >500 To 1,500, Deduct	*-0.60*	
		For >1,500 To 5,000, Deduct	*-1.20*	
		For >5,000, Deduct	*-1.66*	
		For Ground Installation, Deduct	*-0.47*	
		For Double Coil (Helix), Add	*6.43*	
32 31 13 13-0654	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	11.14	0.53
		For >500 To 1,500, Deduct	*-0.91*	
		For >1,500 To 5,000, Deduct	*-1.81*	
		For >5,000, Deduct	*-2.51*	
		For Ground Installation, Deduct	*-0.71*	
		For Double Coil (Helix), Add	*9.73*	
32 31 13 13-0655	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	14.73	0.53
		For >500 To 1,500, Deduct	*-1.20*	
		For >1,500 To 5,000, Deduct	*-2.40*	
		For >5,000, Deduct	*-3.32*	
		For Ground Installation, Deduct	*-0.94*	
		For Double Coil (Helix), Add	*12.86*	

32 31 13 13-0656 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0639)*

32 31 13 13-0657	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.10	0.53
		For >500 To 1,500, Deduct	*-0.27*	
		For >1,500 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.77*	
		For Ground Installation, Deduct	*-0.38*	
		For Double Coil (Helix), Add	*2.35*	
32 31 13 13-0658	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.67	0.53
		For >500 To 1,500, Deduct	*-0.41*	
		For >1,500 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.16*	
		For Ground Installation, Deduct	*-0.56*	
		For Double Coil (Helix), Add	*3.55*	
32 31 13 13-0659	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.21	0.53
		For >500 To 1,500, Deduct	*-0.54*	
		For >1,500 To 5,000, Deduct	*-1.08*	
		For >5,000, Deduct	*-1.54*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*4.71*	
32 31 13 13-0660	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.87	0.53
		For >500 To 1,500, Deduct	*-0.33*	
		For >1,500 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-0.94*	
		For Ground Installation, Deduct	*-0.42*	
		For Double Coil (Helix), Add	*3.04*	
32 31 13 13-0661	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.83	0.53
		For >500 To 1,500, Deduct	*-0.50*	
		For >1,500 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.42*	
		For Ground Installation, Deduct	*-0.63*	
		For Double Coil (Helix), Add	*4.58*	
32 31 13 13-0662	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.72	0.53
		For >500 To 1,500, Deduct	*-0.66*	
		For >1,500 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-1.88*	
		For Ground Installation, Deduct	*-0.83*	
		For Double Coil (Helix), Add	*6.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0663	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.40	0.53
		For >500 To 1,500, Deduct	*-0.83*	
		For >1,500 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-2.27*	
		For Ground Installation, Deduct	*-0.47*	
		For Double Coil (Helix), Add	*9.46*	
32 31 13 13-0664	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.73	0.53
		For >500 To 1,500, Deduct	*-1.25*	
		For >1,500 To 5,000, Deduct	*-2.50*	
		For >5,000, Deduct	*-3.43*	
		For Ground Installation, Deduct	*-0.71*	
		For Double Coil (Helix), Add	*14.32*	
32 31 13 13-0665	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	20.79	0.53
		For >500 To 1,500, Deduct	*-1.65*	
		For >1,500 To 5,000, Deduct	*-3.31*	
		For >5,000, Deduct	*-4.53*	
		For Ground Installation, Deduct	*-0.94*	
		For Double Coil (Helix), Add	*18.92*	

32 31 13 13-0666 Grounding For Gates *(32 31 13 13-0638)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0667	OPN	Grounding For Gates (Per Opening)	366.02	

32 31 13 13-0668 Coiled Spring Reinforcing Wire *(32 31 13 13-0638)*

32 31 13 13-0669 Galvanized Steel *(32 31 13 13-0668)*

32 31 13 13-0670	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.86	0.38

32 31 13 13-0671 Vinyl Coated Steel *(32 31 13 13-0668)*

32 31 13 13-0672	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	0.86	0.38

32 31 13 13-0673 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0638)*

Note: Only where specified.

32 31 13 13-0674	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.21	
32 31 13 13-0675	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.06	

32 31 13 13-0676 Mounting Plate With Anchors Or Bolts *(32 31 13 13-0638)*

Note: For drilling for anchor or bolts, installing post on or against flat surface.

32 31 13 13-0677	EA	Mounting Plate For 1-5/8" Diameter Post	28.24	
32 31 13 13-0678	EA	Mounting Plate For 2" Diameter Post	28.64	
32 31 13 13-0679	EA	Mounting Plate For 2-1/2" Diameter Post	29.54	
32 31 13 13-0680	EA	Mounting Plate For 3" Diameter Post	35.14	
32 31 13 13-0681	EA	Mounting Plate For 4" Diameter Post	40.13	
32 31 13 13-0682	EA	Mounting Plate For 6-5/8" Diameter Post	46.11	
32 31 13 13-0683	EA	Mounting Plate For 8-5/8" Diameter Post	54.01	

32 31 13 13-0684 Tension Bar *(32 31 13 13-0638)*

32 31 13 13-0685	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	9.25	
32 31 13 13-0686	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	9.79	
32 31 13 13-0687	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	11.28	
32 31 13 13-0688	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	12.78	
32 31 13 13-0689	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	14.64	
32 31 13 13-0690	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.54	
32 31 13 13-0691	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	18.56	
32 31 13 13-0692	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	21.65	
32 31 13 13-0693	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	25.77	

32 31 13 13-0694 Fence And Gate Repair And Replacement *(32 31 13 13)*

32 31 13 13-0695 Fence And Gate Parts Replacement *(32 31 13 13-0694)*

32 31 13 13-0696	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	82.68	
32 31 13 13-0697	EA	Sliding Gate Roller Assembly Replacement	83.16	
32 31 13 13-0698	EA	Rod And Lock Gate Keeper Replacement	81.04	
32 31 13 13-0699	EA	Galvanized Gate Holdback Replacement	19.69	
32 31 13 13-0700	LF	3/8" Cross Bracing Rod Replacement	1.07	
32 31 13 13-0701	LF	1-5/8" Diagonal Pipe Bracing Replacement	1.65	
32 31 13 13-0702	EA	2-3/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	11.22	
32 31 13 13-0703	EA	3" Diameter Cast Steel Gate Hinge With Bolts, Replacement	13.02	
32 31 13 13-0704	EA	4" Diameter Cast Steel Gate Hinge With Bolts, Replacement	14.76	
32 31 13 13-0705	EA	6-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	26.13	
32 31 13 13-0706	EA	8-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	31.21	
32 31 13 13-0707	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	17.66	
32 31 13 13-0708	EA	3" x 2" Off Set Gate Hinge Replacement	18.46	
32 31 13 13-0709	EA	4" x 2" Off Set Gate Hinge Replacement	19.73	
32 31 13 13-0710	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	30.67	
32 31 13 13-0711	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	46.73	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0712	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	3.90	
32 31 13 13-0713	EA	2" Aluminum Die-Cast Post Cap Replacement	4.27	
32 31 13 13-0714	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	4.83	
32 31 13 13-0715	EA	3" Aluminum Die-Cast Post Cap Replacement	5.47	
32 31 13 13-0716	EA	2" Galvanized Post Cap Replacement	4.71	
32 31 13 13-0717	EA	2-1/2" Galvanized Post Cap Replacement	5.12	
32 31 13 13-0718	EA	3" Galvanized Post Cap Replacement	5.83	
32 31 13 13-0719	EA	4" Galvanized Post Cap Replacement	8.24	
32 31 13 13-0720	EA	6-5/8" Galvanized Post Cap Replacement	14.39	
32 31 13 13-0721	EA	8-5/8" Galvanized Post Cap Replacement	23.10	
32 31 13 13-0722	EA	1-5/8" Boulevard Clamp Replacement	8.00	
32 31 13 13-0723	EA	2" Boulevard Clamp Replacement	9.73	
32 31 13 13-0724	EA	2-1/2" Boulevard Clamp Replacement	11.41	
32 31 13 13-0725	EA	3" Boulevard Clamp Replacement	13.85	
32 31 13 13-0726	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	7.87	
32 31 13 13-0727	EA	2" Gate Brace Or End Rail Clamp Replacement	9.56	
32 31 13 13-0728	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	11.24	
32 31 13 13-0729	EA	3" Gate Brace Or End Rail Clamp Replacement	13.67	
32 31 13 13-0730	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.05	
32 31 13 13-0731	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.10	
32 31 13 13-0732	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.25	
32 31 13 13-0733	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.19	
32 31 13 13-0734	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.30	
32 31 13 13-0735	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.39	
32 31 13 13-0736	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.65	
32 31 13 13-0737	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.58	

32 31 13 13-0738 Remove And Reinstall Chain Link Fences *(32 31 13 13)*

Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.

32 31 13 13-0739	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	15.01	
32 31 13 13-0740	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	22.52	

32 31 16 Welded Wire Fences And Gates *(32 31)*

32 31 16 00-0001 Welded Wire Fence *(32 31 16)*

32 31 16 00-0002 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)*

Note: Posts 5' on center.

32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	7.28	1.37
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	7.73	1.37

32 31 16 00-0005 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)*

Note: Posts 5' on center.

32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	7.19	1.37
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	7.59	1.37

32 31 19 Decorative Metal Fences And Gates *(32 31)*

See CSI section 32 31 13 13-0001 for drilling and grouting.

32 31 19 00-0001 Wrought Iron Fence *(32 31 19)*

Note: Factory primed.

32 31 19 00-0002 Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center *(32 31 19 00-0001)*

Note: Factory primed.

32 31 19 00-0003	LF	3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	58.88	8.26
		For Verticals Up To 2" On Center, Add	*8.47*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.24*	
		For Verticals >3" To 4" On Center, Deduct	*-4.24*	
		For Verticals >4" To 6" On Center, Deduct	*-8.47*	
32 31 19 00-0004	LF	4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	76.44	10.50
		For Verticals Up To 2" On Center, Add	*11.23*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.62*	
		For Verticals >3" To 4" On Center, Deduct	*-5.62*	
		For Verticals >4" To 6" On Center, Deduct	*-11.23*	
32 31 19 00-0005	LF	5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	92.88	10.96
		For Verticals Up To 2" On Center, Add	*14.16*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.08*	
		For Verticals >3" To 4" On Center, Deduct	*-7.08*	
		For Verticals >4" To 6" On Center, Deduct	*-14.16*	
32 31 19 00-0006	LF	6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	112.69	13.21
		For Verticals Up To 2" On Center, Add	*17.24*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.62*	
		For Verticals >3" To 4" On Center, Deduct	*-8.62*	
		For Verticals >4" To 6" On Center, Deduct	*-17.24*	
32 31 19 00-0007	LF	7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	135.10	13.97
		For Verticals Up To 2" On Center, Add	*21.43*	
		For Verticals >2" To 2-1/2" On Center, Add	*10.71*	
		For Verticals >3" To 4" On Center, Deduct	*-10.71*	
		For Verticals >4" To 6" On Center, Deduct	*-21.43*	
32 31 19 00-0008	LF	8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	157.50	14.71
		For Verticals Up To 2" On Center, Add	*25.62*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.81*	
		For Verticals >3" To 4" On Center, Deduct	*-12.81*	
		For Verticals >4" To 6" On Center, Deduct	*-25.62*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 31 19 00-0009	LF	10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	194.35	16.52
			For Verticals Up To 2" On Center, Add	*32.27*	
			For Verticals >2" To 2-1/2" On Center, Add	*16.13*	
			For Verticals >3" To 4" On Center, Deduct	*-16.13*	
			For Verticals >4" To 6" On Center, Deduct	*-32.27*	
	32 31 19 00-0010	LF	12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	231.24	18.76
			For Verticals Up To 2" On Center, Add	*38.74*	
			For Verticals >2" To 2-1/2" On Center, Add	*19.37*	
			For Verticals >3" To 4" On Center, Deduct	*-19.37*	
			For Verticals >4" To 6" On Center, Deduct	*-38.74*	
	32 31 19 00-0011		**Wrought Iron Gates** *(32 31 19 00-0001)*		
			Note: Factory primed.		
	32 31 19 00-0012		**Single Wrought Iron Gates** *(32 31 19 00-0011)*		
			Note: Factory primed.		
	32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	73.33	10.06
	32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	96.33	12.46
	32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	118.85	15.01
	32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	144.90	18.01
	32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	202.06	19.97
	32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	248.58	22.07
	32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	294.14	25.06
	32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)*		
			Note: Factory primed.		
	32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	90.39	9.01
	32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	119.28	11.25
	32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	146.63	13.51
	32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	178.45	16.21
	32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	249.76	18.01
	32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	307.68	19.81
	32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	364.50	22.52
	32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
	32 31 19 00-0029	LF	Replace Wrought Iron Picket	17.55	
	32 31 19 00-0030	LF	Replace Wrought Iron Post	27.60	
	32 31 19 00-0031	EA	Straighten Wrought Iron Post	60.04	
	32 31 19 00-0032		**Steel Tube Fence, Powder Coated** *(32 31 19)*		
			Note: Pickets are 3/4" square x 16 gauge.		
	32 31 19 00-0033		**Steel Tube Fence, 2 Rail** *(32 31 19 00-0032)*		
	32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	41.55	8.26
			For Verticals Up To 2" On Center, Add	*5.07*	
			For Verticals >2" To 2-1/2" On Center, Add	*2.54*	
			For Verticals >3" To 4" On Center, Deduct	*-2.54*	
			For Verticals >4" To 6" On Center, Deduct	*-5.07*	
			For Solid Pickets, Add	*8.14*	
			For Aluminum With Satin Finish, Add	*5.18*	
			For Third Rail, Add	*1.90*	
			For 1" Square x 14 Gauge Pickets, Add	*6.34*	
			For 3" Square Posts, Add	*2.54*	
	32 31 19 00-0035	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	44.57	8.82
			For Verticals Up To 2" On Center, Add	*5.38*	
			For Verticals >2" To 2-1/2" On Center, Add	*2.69*	
			For Verticals >3" To 4" On Center, Deduct	*-2.69*	
			For Verticals >4" To 6" On Center, Deduct	*-5.38*	
			For Solid Pickets, Add	*8.70*	
			For Aluminum With Satin Finish, Add	*5.43*	
			For Third Rail, Add	*2.02*	
			For 1" Square x 14 Gauge Pickets, Add	*6.73*	
			For 3" Square Posts, Add	*2.69*	
	32 31 19 00-0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	47.31	9.76
			For Verticals Up To 2" On Center, Add	*5.64*	
			For Verticals >2" To 2-1/2" On Center, Add	*2.82*	
			For Verticals >3" To 4" On Center, Deduct	*-2.82*	
			For Verticals >4" To 6" On Center, Deduct	*-5.64*	
			For Solid Pickets, Add	*9.21*	
			For Aluminum With Satin Finish, Add	*5.58*	
			For Third Rail, Add	*2.11*	
			For 1" Square x 14 Gauge Pickets, Add	*7.05*	
			For 3" Square Posts, Add	*2.82*	
	32 31 19 00-0037	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	50.96	10.96
			For Verticals Up To 2" On Center, Add	*5.78*	
			For Verticals >2" To 2-1/2" On Center, Add	*2.89*	
			For Verticals >3" To 4" On Center, Deduct	*-2.89*	
			For Verticals >4" To 6" On Center, Deduct	*-5.78*	
			For Solid Pickets, Add	*9.81*	
			For Aluminum With Satin Finish, Add	*5.36*	
			For Third Rail, Add	*2.17*	
			For 1" Square x 14 Gauge Pickets, Add	*7.22*	
			For 3" Square Posts, Add	*2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0038	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	58.81	12.38
		For Verticals Up To 2" On Center, Add	*6.81*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.41*	
		For Verticals >3" To 4" On Center, Deduct	*-3.41*	
		For Verticals >4" To 6" On Center, Deduct	*-6.81*	
		For Solid Pickets, Add	*11.38*	
		For Aluminum With Satin Finish, Add	*6.50*	
		For Third Rail, Add	*2.55*	
		For 1" Square x 14 Gauge Pickets, Add	*8.51*	
		For 3" Square Posts, Add	*3.41*	
32 31 19 00-0039	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	66.91	13.51
		For Verticals Up To 2" On Center, Add	*7.98*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.99*	
		For Verticals >3" To 4" On Center, Deduct	*-3.99*	
		For Verticals >4" To 6" On Center, Deduct	*-7.98*	
		For Solid Pickets, Add	*13.03*	
		For Aluminum With Satin Finish, Add	*7.91*	
		For Third Rail, Add	*2.99*	
		For 1" Square x 14 Gauge Pickets, Add	*9.97*	
		For 4" Square Posts, Add	*13.96*	
32 31 19 00-0040	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	75.15	14.71
		For Verticals Up To 2" On Center, Add	*9.15*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.57*	
		For Verticals >3" To 4" On Center, Deduct	*-4.57*	
		For Verticals >4" To 6" On Center, Deduct	*-9.15*	
		For Solid Pickets, Add	*14.70*	
		For Aluminum With Satin Finish, Add	*9.31*	
		For Third Rail, Add	*3.43*	
		For 1" Square x 14 Gauge Pickets, Add	*11.43*	
		For 4" Square Posts, Add	*16.01*	
32 31 19 00-0041	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	86.51	15.76
		For Verticals Up To 2" On Center, Add	*11.00*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.50*	
		For Verticals >3" To 4" On Center, Deduct	*-5.50*	
		For Verticals >4" To 6" On Center, Deduct	*-11.00*	
		For Solid Pickets, Add	*17.10*	
		For Aluminum With Satin Finish, Add	*11.77*	
		For Third Rail, Add	*4.12*	
		For 1" Square x 14 Gauge Pickets, Add	*13.75*	
		For 4" Square Posts, Add	*19.25*	
32 31 19 00-0042	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	98.02	16.88
		For Verticals Up To 2" On Center, Add	*12.85*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.43*	
		For Verticals >3" To 4" On Center, Deduct	*-6.43*	
		For Verticals >4" To 6" On Center, Deduct	*-12.85*	
		For Solid Pickets, Add	*19.52*	
		For Aluminum With Satin Finish, Add	*14.21*	
		For Third Rail, Add	*4.82*	
		For 1" Square x 14 Gauge Pickets, Add	*16.06*	
		For 6" Square Posts, Add	*22.49*	
32 31 19 00-0043	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	114.73	18.76
		For Verticals Up To 2" On Center, Add	*15.44*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.72*	
		For Verticals >3" To 4" On Center, Deduct	*-7.72*	
		For Verticals >4" To 6" On Center, Deduct	*-15.44*	
		For Solid Pickets, Add	*23.00*	
		For Aluminum With Satin Finish, Add	*17.54*	
		For Third Rail, Add	*5.79*	
		For 1" Square x 14 Gauge Pickets, Add	*19.30*	
		For 6" Square Posts, Add	*27.02*	
32 31 19 00-0044	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	123.01	20.26
		For Verticals Up To 2" On Center, Add	*16.50*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.25*	
		For Verticals >3" To 4" On Center, Deduct	*-8.25*	
		For Verticals >4" To 6" On Center, Deduct	*-16.50*	
		For Solid Pickets, Add	*24.64*	
		For Aluminum With Satin Finish, Add	*18.66*	
		For Third Rail, Add	*6.19*	
		For 1" Square x 14 Gauge Pickets, Add	*20.62*	
		For 6" Square Posts, Add	*28.87*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	504.74	15.99
		For Solid Pickets, Add	*109.96*	
		For Aluminum With Satin Finish, Add	*129.81*	
		For Third Rail, Add	*34.25*	
		For 1" Square x 14 Gauge Pickets, Add	*45.67*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	561.46	16.74
		For Solid Pickets, Add	*122.56*	
		For Aluminum With Satin Finish, Add	*145.81*	
		For Third Rail, Add	*38.34*	
		For 1" Square x 14 Gauge Pickets, Add	*51.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate	621.39	17.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*135.82*	
		For Aluminum With Satin Finish, Add	*162.44*	
		For Third Rail, Add	*42.61*	
		For 1" Square x 14 Gauge Pickets, Add	*56.81*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate	653.61	18.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*142.78*	
		For Aluminum With Satin Finish, Add	*170.42*	
		For Third Rail, Add	*44.74*	
		For 1" Square x 14 Gauge Pickets, Add	*59.66*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate	730.47	22.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*159.23*	
		For Aluminum With Satin Finish, Add	*188.41*	
		For Third Rail, Add	*49.66*	
		For 1" Square x 14 Gauge Pickets, Add	*66.22*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate	777.61	26.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*169.00*	
		For Aluminum With Satin Finish, Add	*197.49*	
		For Third Rail, Add	*52.35*	
		For 1" Square x 14 Gauge Pickets, Add	*69.81*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate	849.03	30.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*184.16*	
		For Aluminum With Satin Finish, Add	*213.51*	
		For Third Rail, Add	*56.81*	
		For 1" Square x 14 Gauge Pickets, Add	*75.75*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate	911.04	34.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*197.27*	
		For Aluminum With Satin Finish, Add	*227.04*	
		For Third Rail, Add	*60.62*	
		For 1" Square x 14 Gauge Pickets, Add	*80.82*	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate	965.62	37.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*208.71*	
		For Aluminum With Satin Finish, Add	*238.35*	
		For Third Rail, Add	*63.87*	
		For 1" Square x 14 Gauge Pickets, Add	*85.15*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,055.16	31.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*230.21*	
		For Aluminum With Satin Finish, Add	*273.32*	
		For Third Rail, Add	*71.93*	
		For 1" Square x 14 Gauge Pickets, Add	*95.91*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,124.15	33.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*245.39*	
		For Aluminum With Satin Finish, Add	*291.99*	
		For Third Rail, Add	*76.77*	
		For 1" Square x 14 Gauge Pickets, Add	*102.36*	
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,242.78	35.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*271.63*	
		For Aluminum With Satin Finish, Add	*324.88*	
		For Third Rail, Add	*85.22*	
		For 1" Square x 14 Gauge Pickets, Add	*113.62*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate	1,302.24	36.78
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*284.73*	
		For Aluminum With Satin Finish, Add	*341.02*	
		For Third Rail, Add	*89.39*	
		For 1" Square x 14 Gauge Pickets, Add	*119.19*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate	1,350.54	37.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*295.32*	
		For Aluminum With Satin Finish, Add	*353.83*	
		For Third Rail, Add	*92.73*	
		For 1" Square x 14 Gauge Pickets, Add	*123.65*	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate	1,520.35	45.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*331.83*	
		For Aluminum With Satin Finish, Add	*394.64*	
		For Third Rail, Add	*103.78*	
		For 1" Square x 14 Gauge Pickets, Add	*138.38*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate	1,666.63	52.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*363.06*	
		For Aluminum With Satin Finish, Add	*428.39*	
		For Third Rail, Add	*113.06*	
		For 1" Square x 14 Gauge Pickets, Add	*150.75*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate	1,789.66	61.01
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*388.94*	
		For Aluminum With Satin Finish, Add	*454.49*	
		For Third Rail, Add	*120.49*	
		For 1" Square x 14 Gauge Pickets, Add	*160.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,892.63	68.44
		For Solid Pickets, Add	*410.42*	
		For Aluminum With Satin Finish, Add	*475.25*	
		For Third Rail, Add	*126.52*	
		For 1" Square x 14 Gauge Pickets, Add	*168.70*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,977.03	75.95
		For Solid Pickets, Add	*427.72*	
		For Aluminum With Satin Finish, Add	*490.44*	
		For Third Rail, Add	*131.17*	
		For 1" Square x 14 Gauge Pickets, Add	*174.89*	
32 31 19 00-0066		4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*		
32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	582.87	15.01
		For Solid Pickets, Add	*127.35*	
		For Aluminum With Satin Finish, Add	*152.06*	
		For Third Rail, Add	*39.92*	
		For 1" Square x 14 Gauge Pickets, Add	*53.22*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	630.54	17.49
		For Solid Pickets, Add	*137.93*	
		For Aluminum With Satin Finish, Add	*165.52*	
		For Third Rail, Add	*43.35*	
		For 1" Square x 14 Gauge Pickets, Add	*57.80*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	680.09	18.76
		For Solid Pickets, Add	*148.80*	
		For Aluminum With Satin Finish, Add	*178.70*	
		For Third Rail, Add	*46.79*	
		For 1" Square x 14 Gauge Pickets, Add	*62.38*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	720.97	19.97
		For Solid Pickets, Add	*157.72*	
		For Aluminum With Satin Finish, Add	*189.27*	
		For Third Rail, Add	*49.57*	
		For 1" Square x 14 Gauge Pickets, Add	*66.09*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	777.54	24.01
		For Solid Pickets, Add	*169.54*	
		For Aluminum With Satin Finish, Add	*200.84*	
		For Third Rail, Add	*52.91*	
		For 1" Square x 14 Gauge Pickets, Add	*70.55*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	853.91	27.99
		For Solid Pickets, Add	*185.83*	
		For Aluminum With Satin Finish, Add	*218.35*	
		For Third Rail, Add	*57.74*	
		For 1" Square x 14 Gauge Pickets, Add	*76.99*	
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	958.75	31.97
		For Solid Pickets, Add	*208.51*	
		For Aluminum With Satin Finish, Add	*244.39*	
		For Third Rail, Add	*64.70*	
		For 1" Square x 14 Gauge Pickets, Add	*86.27*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,061.11	36.03
		For Solid Pickets, Add	*230.64*	
		For Aluminum With Satin Finish, Add	*269.70*	
		For Third Rail, Add	*71.48*	
		For 1" Square x 14 Gauge Pickets, Add	*95.30*	
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,158.51	40.00
		For Solid Pickets, Add	*251.66*	
		For Aluminum With Satin Finish, Add	*293.52*	
		For Third Rail, Add	*77.88*	
		For 1" Square x 14 Gauge Pickets, Add	*103.84*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,165.74	33.77
		For Solid Pickets, Add	*254.69*	
		For Aluminum With Satin Finish, Add	*304.13*	
		For Third Rail, Add	*79.83*	
		For 1" Square x 14 Gauge Pickets, Add	*106.44*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,261.08	34.98
		For Solid Pickets, Add	*275.86*	
		For Aluminum With Satin Finish, Add	*331.04*	
		For Third Rail, Add	*86.70*	
		For 1" Square x 14 Gauge Pickets, Add	*115.60*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,360.17	37.52
		For Solid Pickets, Add	*297.60*	
		For Aluminum With Satin Finish, Add	*357.39*	
		For Third Rail, Add	*93.57*	
		For 1" Square x 14 Gauge Pickets, Add	*124.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	1,438.19	38.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*314.87*	
		For Aluminum With Satin Finish, Add	*379.11*	
		For Third Rail, Add	*99.14*	
		For 1" Square x 14 Gauge Pickets, Add	*132.19*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	1,503.83	40.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*329.36*	
		For Aluminum With Satin Finish, Add	*397.11*	
		For Third Rail, Add	*103.78*	
		For 1" Square x 14 Gauge Pickets, Add	*138.38*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	1,707.32	47.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*373.34*	
		For Aluminum With Satin Finish, Add	*447.35*	
		For Third Rail, Add	*117.24*	
		For 1" Square x 14 Gauge Pickets, Add	*156.32*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	1,886.05	55.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*411.75*	
		For Aluminum With Satin Finish, Add	*490.16*	
		For Third Rail, Add	*128.84*	
		For 1" Square x 14 Gauge Pickets, Add	*171.79*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	2,041.25	63.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*444.87*	
		For Aluminum With Satin Finish, Add	*525.92*	
		For Third Rail, Add	*138.68*	
		For 1" Square x 14 Gauge Pickets, Add	*184.91*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	2,175.43	71.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*473.26*	
		For Aluminum With Satin Finish, Add	*555.36*	
		For Third Rail, Add	*146.95*	
		For 1" Square x 14 Gauge Pickets, Add	*195.93*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	2,289.79	80.01
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*497.19*	
		For Aluminum With Satin Finish, Add	*578.87*	
		For Third Rail, Add	*153.72*	
		For 1" Square x 14 Gauge Pickets, Add	*204.96*	

32 31 19 00-0086 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	634.25	17.49
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*138.77*	
		For Aluminum With Satin Finish, Add	*166.64*	
		For Third Rail, Add	*43.63*	
		For 1" Square x 14 Gauge Pickets, Add	*58.17*	
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	668.95	18.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*146.29*	
		For Aluminum With Satin Finish, Add	*175.35*	
		For Third Rail, Add	*45.95*	
		For 1" Square x 14 Gauge Pickets, Add	*61.27*	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	702.41	19.97
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*153.54*	
		For Aluminum With Satin Finish, Add	*183.71*	
		For Third Rail, Add	*48.18*	
		For 1" Square x 14 Gauge Pickets, Add	*64.24*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	750.72	21.24
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*164.13*	
		For Aluminum With Satin Finish, Add	*196.51*	
		For Third Rail, Add	*51.52*	
		For 1" Square x 14 Gauge Pickets, Add	*68.69*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	816.70	25.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*178.02*	
		For Aluminum With Satin Finish, Add	*210.56*	
		For Third Rail, Add	*55.51*	
		For 1" Square x 14 Gauge Pickets, Add	*74.01*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	903.72	29.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*196.64*	
		For Aluminum With Satin Finish, Add	*230.93*	
		For Third Rail, Add	*61.08*	
		For 1" Square x 14 Gauge Pickets, Add	*81.44*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,024.91	34.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*222.89*	
		For Aluminum With Satin Finish, Add	*261.20*	
		For Third Rail, Add	*69.16*	
		For 1" Square x 14 Gauge Pickets, Add	*92.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,142.87	38.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*248.48*	
		For Aluminum With Satin Finish, Add	*290.85*	
		For Third Rail, Add	*77.05*	
		For 1" Square x 14 Gauge Pickets, Add	*102.73*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,258.36	42.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*273.51*	
		For Aluminum With Satin Finish, Add	*319.76*	
		For Third Rail, Add	*84.75*	
		For 1" Square x 14 Gauge Pickets, Add	*113.00*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,247.65	29.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*274.41*	
		For Aluminum With Satin Finish, Add	*336.40*	
		For Third Rail, Add	*87.26*	
		For 1" Square x 14 Gauge Pickets, Add	*116.34*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	1,322.34	34.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*290.16*	
		For Aluminum With Satin Finish, Add	*352.49*	
		For Third Rail, Add	*91.81*	
		For 1" Square x 14 Gauge Pickets, Add	*122.41*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	1,397.84	39.56
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*306.03*	
		For Aluminum With Satin Finish, Add	*368.45*	
		For Third Rail, Add	*96.35*	
		For 1" Square x 14 Gauge Pickets, Add	*128.47*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	1,500.98	44.51
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*328.19*	
		For Aluminum With Satin Finish, Add	*393.09*	
		For Third Rail, Add	*103.04*	
		For 1" Square x 14 Gauge Pickets, Add	*137.39*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	1,591.75	49.38
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*347.56*	
		For Aluminum With Satin Finish, Add	*414.00*	
		For Third Rail, Add	*108.79*	
		For 1" Square x 14 Gauge Pickets, Add	*145.06*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	1,811.66	54.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*395.86*	
		For Aluminum With Satin Finish, Add	*472.91*	
		For Third Rail, Add	*124.11*	
		For 1" Square x 14 Gauge Pickets, Add	*165.48*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	2,009.71	60.95
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*439.12*	
		For Aluminum With Satin Finish, Add	*524.52*	
		For Third Rail, Add	*137.66*	
		For 1" Square x 14 Gauge Pickets, Add	*183.55*	
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate	2,187.12	67.62
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*477.61*	
		For Aluminum With Satin Finish, Add	*569.20*	
		For Third Rail, Add	*149.54*	
		For 1" Square x 14 Gauge Pickets, Add	*199.39*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate	2,347.21	75.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*512.02*	
		For Aluminum With Satin Finish, Add	*607.57*	
		For Third Rail, Add	*159.94*	
		For 1" Square x 14 Gauge Pickets, Add	*213.26*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate	2,489.97	83.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*542.35*	
		For Aluminum With Satin Finish, Add	*639.63*	
		For Third Rail, Add	*168.85*	
		For 1" Square x 14 Gauge Pickets, Add	*225.14*	

32 31 19 00-0106 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate	660.55	19.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*144.29*	
		For Aluminum With Satin Finish, Add	*172.16*	
		For Third Rail, Add	*45.21*	
		For 1" Square x 14 Gauge Pickets, Add	*60.28*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate	694.49	20.26
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*151.70*	
		For Aluminum With Satin Finish, Add	*180.99*	
		For Third Rail, Add	*47.53*	
		For 1" Square x 14 Gauge Pickets, Add	*63.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate	728.97	21.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*159.19*	
		For Aluminum With Satin Finish, Add	*189.74*	
		For Third Rail, Add	*49.85*	
		For 1" Square x 14 Gauge Pickets, Add	*66.46*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate	771.31	22.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*168.42*	
		For Aluminum With Satin Finish, Add	*200.66*	
		For Third Rail, Add	*52.73*	
		For 1" Square x 14 Gauge Pickets, Add	*70.30*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate	866.02	27.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*188.66*	
		For Aluminum With Satin Finish, Add	*222.65*	
		For Third Rail, Add	*58.76*	
		For 1" Square x 14 Gauge Pickets, Add	*78.35*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate	966.91	32.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*210.29*	
		For Aluminum With Satin Finish, Add	*246.51*	
		For Third Rail, Add	*65.26*	
		For 1" Square x 14 Gauge Pickets, Add	*87.01*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,079.44	36.78
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*234.60*	
		For Aluminum With Satin Finish, Add	*274.19*	
		For Third Rail, Add	*72.68*	
		For 1" Square x 14 Gauge Pickets, Add	*96.91*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,187.77	41.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*257.90*	
		For Aluminum With Satin Finish, Add	*300.27*	
		For Third Rail, Add	*79.74*	
		For 1" Square x 14 Gauge Pickets, Add	*106.32*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate	1,319.61	46.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*286.50*	
		For Aluminum With Satin Finish, Add	*333.41*	
		For Third Rail, Add	*88.56*	
		For 1" Square x 14 Gauge Pickets, Add	*118.08*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate	1,296.34	31.82
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*284.87*	
		For Aluminum With Satin Finish, Add	*348.03*	
		For Third Rail, Add	*90.41*	
		For 1" Square x 14 Gauge Pickets, Add	*120.55*	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate	1,373.89	37.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*301.14*	
		For Aluminum With Satin Finish, Add	*364.25*	
		For Third Rail, Add	*95.06*	
		For 1" Square x 14 Gauge Pickets, Add	*126.74*	
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate	1,450.65	42.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*317.29*	
		For Aluminum With Satin Finish, Add	*380.58*	
		For Third Rail, Add	*99.70*	
		For 1" Square x 14 Gauge Pickets, Add	*132.93*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate	1,543.07	47.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*336.91*	
		For Aluminum With Satin Finish, Add	*401.25*	
		For Third Rail, Add	*105.45*	
		For 1" Square x 14 Gauge Pickets, Add	*140.60*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate	1,687.48	53.44
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*368.23*	
		For Aluminum With Satin Finish, Add	*437.52*	
		For Third Rail, Add	*115.11*	
		For 1" Square x 14 Gauge Pickets, Add	*153.48*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate	1,978.35	59.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*432.37*	
		For Aluminum With Satin Finish, Add	*516.97*	
		For Third Rail, Add	*135.62*	
		For 1" Square x 14 Gauge Pickets, Add	*180.83*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate	2,072.42	66.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*452.05*	
		For Aluminum With Satin Finish, Add	*536.28*	
		For Third Rail, Add	*141.19*	
		For 1" Square x 14 Gauge Pickets, Add	*188.25*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate	2,275.82	74.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*496.21*	
		For Aluminum With Satin Finish, Add	*587.64*	
		For Third Rail, Add	*154.84*	
		For 1" Square x 14 Gauge Pickets, Add	*206.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,463.15	82.33
		For Solid Pickets, Add	*536.56*	
		For Aluminum With Satin Finish, Add	*633.06*	
		For Third Rail, Add	*167.09*	
		For 1" Square x 14 Gauge Pickets, Add	*222.79*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,637.68	91.87
		For Solid Pickets, Add	*573.79*	
		For Aluminum With Satin Finish, Add	*673.17*	
		For Third Rail, Add	*178.14*	
		For 1" Square x 14 Gauge Pickets, Add	*237.52*	
32 31 19 00-0126		**7' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0045)*		
32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	699.94	20.79
		For Solid Pickets, Add	*152.80*	
		For Aluminum With Satin Finish, Add	*181.85*	
		For Third Rail, Add	*47.81*	
		For 1" Square x 14 Gauge Pickets, Add	*63.74*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	735.42	21.91
		For Solid Pickets, Add	*160.53*	
		For Aluminum With Satin Finish, Add	*191.01*	
		For Third Rail, Add	*50.22*	
		For 1" Square x 14 Gauge Pickets, Add	*66.96*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	771.06	23.04
		For Solid Pickets, Add	*168.29*	
		For Aluminum With Satin Finish, Add	*200.14*	
		For Third Rail, Add	*52.63*	
		For 1" Square x 14 Gauge Pickets, Add	*70.18*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	806.76	24.24
		For Solid Pickets, Add	*176.06*	
		For Aluminum With Satin Finish, Add	*209.27*	
		For Third Rail, Add	*55.05*	
		For 1" Square x 14 Gauge Pickets, Add	*73.40*	
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	933.91	29.50
		For Solid Pickets, Add	*203.49*	
		For Aluminum With Satin Finish, Add	*240.32*	
		For Third Rail, Add	*63.40*	
		For 1" Square x 14 Gauge Pickets, Add	*84.54*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,050.40	34.53
		For Solid Pickets, Add	*228.57*	
		For Aluminum With Satin Finish, Add	*268.52*	
		For Third Rail, Add	*71.01*	
		For 1" Square x 14 Gauge Pickets, Add	*94.68*	
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,135.48	39.70
		For Solid Pickets, Add	*246.53*	
		For Aluminum With Satin Finish, Add	*286.95*	
		For Third Rail, Add	*76.21*	
		For 1" Square x 14 Gauge Pickets, Add	*101.62*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,232.18	44.73
		For Solid Pickets, Add	*267.17*	
		For Aluminum With Satin Finish, Add	*309.20*	
		For Third Rail, Add	*82.34*	
		For 1" Square x 14 Gauge Pickets, Add	*109.78*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,350.68	49.98
		For Solid Pickets, Add	*292.64*	
		For Aluminum With Satin Finish, Add	*337.65*	
		For Third Rail, Add	*90.04*	
		For 1" Square x 14 Gauge Pickets, Add	*120.06*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,372.25	34.07
		For Solid Pickets, Add	*301.45*	
		For Aluminum With Satin Finish, Add	*367.84*	
		For Third Rail, Add	*95.61*	
		For 1" Square x 14 Gauge Pickets, Add	*127.48*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,453.11	39.85
		For Solid Pickets, Add	*318.41*	
		For Aluminum With Satin Finish, Add	*384.67*	
		For Third Rail, Add	*100.44*	
		For 1" Square x 14 Gauge Pickets, Add	*133.92*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,534.82	45.93
		For Solid Pickets, Add	*335.49*	
		For Aluminum With Satin Finish, Add	*401.37*	
		For Third Rail, Add	*105.27*	
		For 1" Square x 14 Gauge Pickets, Add	*140.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,616.92	51.72
		For Solid Pickets, Add	*352.72*	
		For Aluminum With Satin Finish, Add	*418.58*	
		For Third Rail, Add	*110.19*	
		For 1" Square x 14 Gauge Pickets, Add	*146.92*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,821.15	57.79
		For Solid Pickets, Add	*397.38*	
		For Aluminum With Satin Finish, Add	*472.05*	
		For Third Rail, Add	*124.20*	
		For 1" Square x 14 Gauge Pickets, Add	*165.60*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,200.31	64.47
		For Solid Pickets, Add	*481.26*	
		For Aluminum With Satin Finish, Add	*577.25*	
		For Third Rail, Add	*151.22*	
		For 1" Square x 14 Gauge Pickets, Add	*201.62*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,178.05	72.28
		For Solid Pickets, Add	*474.58*	
		For Aluminum With Satin Finish, Add	*560.54*	
		For Third Rail, Add	*147.87*	
		For 1" Square x 14 Gauge Pickets, Add	*197.17*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,360.41	80.60
		For Solid Pickets, Add	*513.82*	
		For Aluminum With Satin Finish, Add	*604.47*	
		For Third Rail, Add	*159.76*	
		For 1" Square x 14 Gauge Pickets, Add	*213.01*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,578.26	90.13
		For Solid Pickets, Add	*560.79*	
		For Aluminum With Satin Finish, Add	*657.57*	
		For Third Rail, Add	*174.05*	
		For 1" Square x 14 Gauge Pickets, Add	*232.07*	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,723.09	100.57
		For Solid Pickets, Add	*591.15*	
		For Aluminum With Satin Finish, Add	*687.64*	
		For Third Rail, Add	*182.68*	
		For 1" Square x 14 Gauge Pickets, Add	*243.58*	

32 31 19 00-0146 8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	760.66	22.52
		For Solid Pickets, Add	*166.08*	
		For Aluminum With Satin Finish, Add	*197.80*	
		For Third Rail, Add	*51.98*	
		For 1" Square x 14 Gauge Pickets, Add	*69.31*	
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	797.83	23.71
		For Solid Pickets, Add	*174.16*	
		For Aluminum With Satin Finish, Add	*207.26*	
		For Third Rail, Add	*54.49*	
		For 1" Square x 14 Gauge Pickets, Add	*72.65*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	837.47	25.00
		For Solid Pickets, Add	*182.80*	
		For Aluminum With Satin Finish, Add	*217.47*	
		For Third Rail, Add	*57.18*	
		For 1" Square x 14 Gauge Pickets, Add	*76.24*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	873.34	27.85
		For Solid Pickets, Add	*190.22*	
		For Aluminum With Satin Finish, Add	*224.34*	
		For Third Rail, Add	*59.22*	
		For 1" Square x 14 Gauge Pickets, Add	*78.97*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,032.75	31.52
		For Solid Pickets, Add	*225.28*	
		For Aluminum With Satin Finish, Add	*267.27*	
		For Third Rail, Add	*70.36*	
		For 1" Square x 14 Gauge Pickets, Add	*93.82*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,150.03	37.97
		For Solid Pickets, Add	*250.20*	
		For Aluminum With Satin Finish, Add	*293.67*	
		For Third Rail, Add	*77.70*	
		For 1" Square x 14 Gauge Pickets, Add	*103.60*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,202.21	44.21
		For Solid Pickets, Add	*260.53*	
		For Aluminum With Satin Finish, Add	*300.89*	
		For Third Rail, Add	*80.20*	
		For 1" Square x 14 Gauge Pickets, Add	*106.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate	1,289.81	50.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*278.78*	
		For Aluminum With Satin Finish, Add	*318.38*	
		For Third Rail, Add	*85.31*	
		For 1" Square x 14 Gauge Pickets, Add	*113.75*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate	1,366.24	57.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*294.51*	
		For Aluminum With Satin Finish, Add	*332.54*	
		For Third Rail, Add	*89.58*	
		For 1" Square x 14 Gauge Pickets, Add	*119.44*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate	1,491.48	36.40
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*327.78*	
		For Aluminum With Satin Finish, Add	*400.64*	
		For Third Rail, Add	*104.06*	
		For 1" Square x 14 Gauge Pickets, Add	*138.75*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate	1,582.26	43.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*346.60*	
		For Aluminum With Satin Finish, Add	*418.21*	
		For Third Rail, Add	*109.26*	
		For 1" Square x 14 Gauge Pickets, Add	*145.68*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate	1,670.98	51.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*365.01*	
		For Aluminum With Satin Finish, Add	*435.54*	
		For Third Rail, Add	*114.36*	
		For 1" Square x 14 Gauge Pickets, Add	*152.49*	
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate	1,745.67	58.69
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*380.21*	
		For Aluminum With Satin Finish, Add	*448.28*	
		For Third Rail, Add	*118.36*	
		For 1" Square x 14 Gauge Pickets, Add	*157.81*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate	2,028.27	66.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*442.18*	
		For Aluminum With Satin Finish, Add	*523.41*	
		For Third Rail, Add	*137.94*	
		For 1" Square x 14 Gauge Pickets, Add	*183.92*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate	2,526.26	74.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*552.43*	
		For Aluminum With Satin Finish, Add	*662.03*	
		For Third Rail, Add	*173.49*	
		For 1" Square x 14 Gauge Pickets, Add	*231.33*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate	2,313.39	84.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*502.49*	
		For Aluminum With Satin Finish, Add	*585.91*	
		For Third Rail, Add	*155.49*	
		For 1" Square x 14 Gauge Pickets, Add	*207.32*	
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate	2,478.43	95.09
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*537.28*	
		For Aluminum With Satin Finish, Add	*621.30*	
		For Third Rail, Add	*165.51*	
		For 1" Square x 14 Gauge Pickets, Add	*220.68*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate	2,732.17	107.17
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*591.77*	
		For Aluminum With Satin Finish, Add	*681.83*	
		For Third Rail, Add	*181.94*	
		For 1" Square x 14 Gauge Pickets, Add	*242.59*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate	2,790.79	120.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*602.05*	
		For Aluminum With Satin Finish, Add	*681.95*	
		For Third Rail, Add	*183.43*	
		For 1" Square x 14 Gauge Pickets, Add	*244.57*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket	19.34	
		For 1" Square x 14 Gauge Pickets, Add	*0.43*	

32 31 19 00-0168 Remove And Reinstall Ornamental Fences *(32 31 19)*

Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	33.77	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	37.15	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	40.53	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	43.90	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	47.28	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	50.66	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	56.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 26 Wire Fences And Gates *(32 31)*

32 31 26 00-0001 Wire And Screen *(32 31 26)*

32 31 26 00-0002 Wire And Screen For Partitions And Fences *(32 31 26 00-0001)*
Note: Excludes framing and post.

32 31 26 00-0003 Screen Wire *(32 31 26 00-0002)*

32 31 26 00-0004	LF	Screen Wire, 48" Wide Rolls	9.93	0.92

32 31 26 00-0005 Hog Wire *(32 31 26 00-0002)*

32 31 26 00-0006	SF	4" x 4" Hog Wire For Fencing	1.81	0.74
32 31 26 00-0007	SF	6" x 6" Hog Wire For Fencing	1.90	0.83

32 31 26 00-0008 Non-Climb Horse Fence *(32 31 26 00-0002)*

32 31 26 00-0009	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	7.96	2.96
32 31 26 00-0010	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	10.14	3.70
32 31 26 00-0011	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	12.58	4.44

32 31 26 00-0012 Screen For Partitions And Ceilings *(32 31 26 00-0001)*
Note: Can be used to support insulation on walls and ceilings.

32 31 26 00-0013	SF	1" Mesh Chicken Wire	1.54	

32 31 29 Wood Fences And Gates *(32 31)*
See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 29 00-0001 Basket Weave *(32 31 29)*
Note: 3/8" x 4" boards, 4" x 4" post

32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	24.77	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.52*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	18.13	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.21*	

32 31 29 00-0004 Board Fence *(32 31 29)*
Note: 1x4" board, 2x4" rail, 4x4" post.

32 31 29 00-0005	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated	16.15	2.73
		For 1" x 6" Boards, Deduct	*-2.03*	
		For 1" x 3" Boards (Stockade Top), Add	*2.63*	
		For Fastening With Screws Instead Of Nails, Add	*1.12*	
32 31 29 00-0006	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated	17.68	2.73
		For 1" x 6" Boards, Deduct	*-2.20*	
		For 1" x 3" Boards (Stockade Top), Add	*2.83*	
		For Fastening With Screws Instead Of Nails, Add	*1.22*	
32 31 29 00-0007	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated	19.11	2.73
		For 1" x 6" Boards, Deduct	*-2.31*	
		For 1" x 3" Boards (Stockade Top), Add	*2.96*	
		For Fastening With Screws Instead Of Nails, Add	*1.31*	
32 31 29 00-0008	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated	20.19	2.73
		For 1" x 6" Boards, Deduct	*-2.42*	
		For 1" x 3" Boards (Stockade Top), Add	*3.09*	
		For Fastening With Screws Instead Of Nails, Add	*1.38*	
32 31 29 00-0009	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated	21.31	2.73
		For 1" x 6" Boards, Deduct	*-2.52*	
		For 1" x 3" Boards (Stockade Top), Add	*3.22*	
		For Fastening With Screws Instead Of Nails, Add	*1.45*	
32 31 29 00-0010	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar	16.75	2.73
		For 1" x 6" Boards, Deduct	*-2.06*	
		For 1" x 3" Boards (Stockade Top), Add	*2.64*	
		For Fastening With Screws Instead Of Nails, Add	*1.15*	
32 31 29 00-0011	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar	18.14	2.73
		For 1" x 6" Boards, Deduct	*-2.21*	
		For 1" x 3" Boards (Stockade Top), Add	*2.84*	
		For Fastening With Screws Instead Of Nails, Add	*1.25*	
32 31 29 00-0012	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar	19.11	2.73
		For 1" x 6" Boards, Deduct	*-2.31*	
		For 1" x 3" Boards (Stockade Top), Add	*2.96*	
		For Fastening With Screws Instead Of Nails, Add	*1.31*	
32 31 29 00-0013	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar	20.19	2.73
		For 1" x 6" Boards, Deduct	*-2.42*	
		For 1" x 3" Boards (Stockade Top), Add	*3.09*	
		For Fastening With Screws Instead Of Nails, Add	*1.38*	
32 31 29 00-0014	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar	21.31	2.73
		For 1" x 6" Boards, Deduct	*-2.52*	
		For 1" x 3" Boards (Stockade Top), Add	*3.22*	
		For Fastening With Screws Instead Of Nails, Add	*1.45*	
32 31 29 00-0015	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar	16.75	2.73
		For 1" x 6" Boards, Deduct	*-2.06*	
		For 1" x 3" Boards (Stockade Top), Add	*2.64*	
		For Fastening With Screws Instead Of Nails, Add	*1.15*	
32 31 29 00-0016	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar	20.18	2.73
		For 1" x 6" Boards, Deduct	*-2.30*	
		For 1" x 3" Boards (Stockade Top), Add	*2.91*	
		For Fastening With Screws Instead Of Nails, Add	*1.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0017	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar	21.07	2.73
		For 1" x 6" Boards, Deduct	*-2.39*	
		For 1" x 3" Boards (Stockade Top), Add	*3.02*	
		For Fastening With Screws Instead Of Nails, Add	*1.40*	
32 31 29 00-0018	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar	22.38	2.73
		For 1" x 6" Boards, Deduct	*-2.50*	
		For 1" x 3" Boards (Stockade Top), Add	*3.16*	
		For Fastening With Screws Instead Of Nails, Add	*1.48*	
32 31 29 00-0019	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar	23.75	2.73
		For 1" x 6" Boards, Deduct	*-2.62*	
		For 1" x 3" Boards (Stockade Top), Add	*3.29*	
		For Fastening With Screws Instead Of Nails, Add	*1.57*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	16.91	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.13*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	20.55	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.37*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	21.81	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.44*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	23.39	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.55*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	14.23	2.73
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	12.91	2.73
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	15.89	2.73
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	13.83	2.73
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	13.89	2.73
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	12.89	2.73
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	15.24	2.73
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	14.02	2.73
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	15.19	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.09*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	14.88	2.73
		For Fastening With Screws Instead Of Nails, Add	*1.07*	
32 31 29 00-0039		**Wood Gate** *(32 31 29)*		
32 31 29 00-0040		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0041	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	264.68	106.40
32 31 29 00-0042	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	286.79	112.79
32 31 29 00-0043	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	317.40	123.43
32 31 29 00-0044	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	347.80	129.81
32 31 29 00-0045	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	378.21	136.19
32 31 29 00-0046	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	343.14	140.46
32 31 29 00-0047	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	366.30	146.84
32 31 29 00-0048	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	389.43	153.22
32 31 29 00-0049	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	422.95	159.61
32 31 29 00-0050	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	451.28	165.99
32 31 29 00-0051		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0052	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	310.99	85.47
32 31 29 00-0053	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	324.36	90.60
32 31 29 00-0054	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	345.60	99.15
32 31 29 00-0055	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	364.16	104.27
32 31 29 00-0056	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	385.82	109.41
32 31 29 00-0057	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	381.25	112.83
32 31 29 00-0058	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	396.70	117.95
32 31 29 00-0059	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	417.32	123.08
32 31 29 00-0060	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	437.95	128.20
32 31 29 00-0061	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	458.58	133.34
32 31 29 00-0062		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0039)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0063	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	326.55	85.47
32 31 29 00-0064	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	342.00	90.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0065	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	364.27	99.15
32 31 29 00-0066	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	384.91	104.27
32 31 29 00-0067	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	405.53	109.41
32 31 29 00-0068	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	402.00	112.83
32 31 29 00-0069	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	417.44	117.95
32 31 29 00-0070	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	438.07	123.08
32 31 29 00-0071	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	458.70	128.20
32 31 29 00-0072	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	484.51	133.34

32 31 29 00-0073 Pressure Treated Wood Fence Posts *(32 31 29)*

See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0639 for barbed wire, 32 31 56 00-0017 for barbed wire.

32 31 29 00-0074	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	25.81	10.65
32 31 29 00-0075	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	27.45	10.65
32 31 29 00-0076	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	47.50	20.43
32 31 29 00-0077	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	49.37	20.43

32 31 56 Wild Life Deterrent Fence *(32 31)*

32 31 56 00-0001 Barbed Wire Fences *(32 31 56)*

Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 56 00-0002 Fence Posts *(32 31 56 00-0001)*

32 31 56 00-0003 Fence Post Soil, Set In Concrete *(32 31 56 00-0002)*

32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	64.09	6.00
		For Bracing On Corner Post, End Post And Pull Post, Add	*102.78*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	84.42	6.00
		For Bracing On Corner Post, End Post And Pull Post, Add	*136.73*	

32 31 56 00-0006 Post In Rock *(32 31 56 00-0002)*

32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	62.77	6.00
		For Bracing On Corner Post, End Post And Pull Post, Add	*100.80*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	83.10	6.00
		For Bracing On Corner Post, End Post And Pull Post, Add	*134.75*	

32 31 56 00-0009 Studded Steel T-Posts, Enamel Paint Finish *(32 31 56 00-0001)*

Note: Posts for barb wire, chain link or welded wire mesh.

32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	18.48	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	18.93	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	19.68	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	20.44	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	21.40	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	23.90	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	28.37	

32 31 56 00-0017 Barbed Wire *(32 31 56 00-0001)*

Note: Per strand.

32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.65	0.30
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	0.73	0.30

32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 56 00-0001)*

Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.

32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	7.86	1.96

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	LF	4' High With Base, 10" Thick Reinforced	265.74	105.49
		For >3:1 Sloped Soil At Top, Add	*4.66*	
32 32 13 00-0002	LF	6' High With Base, 10" Thick Reinforced	330.48	129.81
		For >3:1 Sloped Soil At Top, Add	*6.02*	
32 32 13 00-0003	LF	8' High With Base, 10" Thick Reinforced	359.15	140.02
		For >3:1 Sloped Soil At Top, Add	*6.72*	
32 32 13 00-0004	LF	10' High With Base, 13" Thick Reinforced	454.39	173.13
		For >3:1 Sloped Soil At Top, Add	*9.20*	
32 32 13 00-0005	LF	12' High With Base, 14" Thick Reinforced	523.33	198.86
		For >3:1 Sloped Soil At Top, Add	*10.67*	
32 32 13 00-0006	LF	16' High With Base, 16" Thick Reinforced	759.41	291.75
		For >3:1 Sloped Soil At Top, Add	*14.96*	
32 32 13 00-0007	LF	20' High With Base, 18" Thick Reinforced	1,043.91	402.77
		For >3:1 Sloped Soil At Top, Add	*20.26*	
32 32 13 00-0008	LF	4' High With Base, 12" Thick Reinforced	291.62	115.20
		For >3:1 Sloped Soil At Top, Add	*5.20*	
32 32 13 00-0009	LF	6' High With Base, 12" Thick Reinforced	355.63	138.82
		For >3:1 Sloped Soil At Top, Add	*6.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0010	LF	8' High With Base, 12" Thick Reinforced	375.32	144.84
		For >3:1 Sloped Soil At Top, Add	*7.28*	
32 32 13 00-0011	LF	10' High With Base, 16" Thick Reinforced	513.31	194.11
		For >3:1 Sloped Soil At Top, Add	*10.63*	
32 32 13 00-0012	LF	12' High With Base, 18" Thick Reinforced	652.72	249.35
		For >3:1 Sloped Soil At Top, Add	*13.09*	
32 32 13 00-0013	LF	16' High With Base, 21" Thick Reinforced	981.12	377.95
		For >3:1 Sloped Soil At Top, Add	*19.15*	
32 32 13 00-0014	LF	20' High With Base, 24" Thick Reinforced	1,384.75	533.50
		For >3:1 Sloped Soil At Top, Add	*27.01*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

32 32 16 00-0002	SF	Precast Concrete Retaining Walls, 10-15' high Tied-back Earth Walls	32.14	10.22
32 32 16 00-0003	SF	Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	31.08	8.21
32 32 16 00-0004	SF	Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	30.85	6.84
32 32 16 00-0005	SF	Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	32.90	6.84
32 32 16 00-0006	SF	Precast Concrete Retaining Walls, >30' High Tied-back Earth Walls	33.67	5.83

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	56.10	7.12
		For >3:1 Sloped Soil At Top, Add	*3.56*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	59.18	7.49
		For >3:1 Sloped Soil At Top, Add	*3.76*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	61.67	8.24
		For >3:1 Sloped Soil At Top, Add	*3.84*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	64.32	9.00
		For >3:1 Sloped Soil At Top, Add	*3.94*	

32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	58.28	7.12
		For >3:1 Sloped Soil At Top, Add	*3.74*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	61.37	7.49
		For >3:1 Sloped Soil At Top, Add	*3.94*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	63.86	8.24
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	66.51	9.00
		For >3:1 Sloped Soil At Top, Add	*4.13*	

32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	63.51	7.12
		For >3:1 Sloped Soil At Top, Add	*4.19*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	66.60	7.49
		For >3:1 Sloped Soil At Top, Add	*4.39*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	69.09	8.24
		For >3:1 Sloped Soil At Top, Add	*4.47*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	71.74	9.00
		For >3:1 Sloped Soil At Top, Add	*4.57*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	56.10	7.12
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.56*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	59.18	7.49
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.76*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	61.67	8.24
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.84*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	64.32	9.00
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.94*	

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	49.46	7.12
		For >3:1 Sloped Soil At Top, Add	*2.99*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	54.73	7.49
		For >3:1 Sloped Soil At Top, Add	*3.38*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	57.26	8.24
		For >3:1 Sloped Soil At Top, Add	*3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	59.50	9.00
		For >3:1 Sloped Soil At Top, Add	*3.53*	

32 32 23 13-0027 Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*

Note: Includes removal of existing cap block and installation of new cap block to match.

32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	22.78	
		For >3:1 Sloped Soil At Top, Add	*1.06*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001 Aluminized Steel Bin *(32 32 26)*

Note: Excludes excavation and backfill.

32 32 26 00-0002	SF	4' High, 5.5' Deep Aluminized Steel Bin	26.08	3.74
		For Galvanized Type, Deduct	*-1.86*	
		For >3:1 Sloped Soil At Top, Add	*1.58*	
32 32 26 00-0003	SF	8' High, 5.5' Deep Aluminized Steel Bin	28.99	3.74
		For Galvanized Type, Deduct	*-2.15*	
		For >3:1 Sloped Soil At Top, Add	*1.82*	
32 32 26 00-0004	SF	10' High, 7.7' Deep Aluminized Steel Bin	30.97	4.08
		For Galvanized Type, Deduct	*-2.29*	
		For >3:1 Sloped Soil At Top, Add	*1.94*	
32 32 26 00-0005	SF	12' High, 7.7' Deep Aluminized Steel Bin	35.27	4.60
		For Galvanized Type, Deduct	*-2.61*	
		For >3:1 Sloped Soil At Top, Add	*2.22*	
32 32 26 00-0006	SF	16' High, 7.7' Deep Aluminized Steel Bin	34.13	4.78
		For Galvanized Type, Deduct	*-2.47*	
		For >3:1 Sloped Soil At Top, Add	*2.10*	
32 32 26 00-0007	SF	16' High, 9.9' Deep Aluminized Steel Bin	37.80	4.87
		For Galvanized Type, Deduct	*-2.82*	
		For >3:1 Sloped Soil At Top, Add	*2.39*	
32 32 26 00-0008	SF	20' High, 9.9' Deep Aluminized Steel Bin	41.82	5.12
		For Galvanized Type, Deduct	*-3.15*	
		For >3:1 Sloped Soil At Top, Add	*2.68*	
32 32 26 00-0009	SF	20' High, 12.1' Deep Aluminized Steel Bin	42.85	5.39
		For Galvanized Type, Deduct	*-3.22*	
		For >3:1 Sloped Soil At Top, Add	*2.73*	
32 32 26 00-0010	SF	24' High, 12.1' Deep Aluminized Steel Bin	44.95	5.39
		For Galvanized Type, Deduct	*-3.42*	
		For >3:1 Sloped Soil At Top, Add	*2.91*	
32 32 26 00-0011	SF	24' High, 14.3' Deep Aluminized Steel Bin	47.05	5.48
		For Galvanized Type, Deduct	*-3.62*	
		For >3:1 Sloped Soil At Top, Add	*3.08*	
32 32 26 00-0012	SF	28' High, 14.3' Deep Aluminized Steel Bin	48.58	5.56
		For Galvanized Type, Deduct	*-3.75*	
		For >3:1 Sloped Soil At Top, Add	*3.19*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood	77.39	23.17
		For >3:1 Sloped Soil At Top, Add	*2.65*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood	151.39	45.36
		For >3:1 Sloped Soil At Top, Add	*5.16*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar	73.42	23.17
		For >3:1 Sloped Soil At Top, Add	*2.31*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar	143.67	45.36
		For >3:1 Sloped Soil At Top, Add	*4.51*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber	70.35	20.24
		For >3:1 Sloped Soil At Top, Add	*2.53*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber	137.75	39.59
		For >3:1 Sloped Soil At Top, Add	*4.97*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber	62.23	17.97
		For >3:1 Sloped Soil At Top, Add	*2.23*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber	112.51	32.52
		For >3:1 Sloped Soil At Top, Add	*4.04*	
32 32 29 00-0010	LF	6 x 6, 2' High, Redwood	211.46	54.96
		For >3:1 Sloped Soil At Top, Add	*8.63*	
32 32 29 00-0011	LF	6 x 6, 4' High, Redwood	418.50	107.72
		For >3:1 Sloped Soil At Top, Add	*17.27*	
32 32 29 00-0012	LF	6 x 6, 2' High, Cedar	207.05	54.96
		For >3:1 Sloped Soil At Top, Add	*8.26*	
32 32 29 00-0013	LF	6 x 6, 4' High, Cedar	407.46	107.72
		For >3:1 Sloped Soil At Top, Add	*16.33*	
32 32 29 00-0014	LF	6 x 6, 2' High, Pressure Treated Lumber	184.25	44.63
		For >3:1 Sloped Soil At Top, Add	*8.07*	
32 32 29 00-0015	LF	6 x 6, 4' High, Pressure Treated Lumber	366.20	88.13
		For >3:1 Sloped Soil At Top, Add	*16.14*	
32 32 29 00-0016	LF	6 x 6, 2' High, Creosoted Lumber	147.63	35.69
		For >3:1 Sloped Soil At Top, Add	*6.48*	
32 32 29 00-0017	LF	6 x 6, 4' High, Creosoted Lumber	290.92	69.83
		For >3:1 Sloped Soil At Top, Add	*12.86*	
32 32 29 00-0018	LF	8 x 8, 4' High, Redwood	540.76	119.10
		For >3:1 Sloped Soil At Top, Add	*25.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0019	LF	8 x 8, 6' High, Redwood	1,012.12	222.35
		For >3:1 Sloped Soil At Top, Add	*48.24*	
32 32 29 00-0020	LF	8 x 8, 4' High, Cedar	518.68	119.10
		For >3:1 Sloped Soil At Top, Add	*23.84*	
32 32 29 00-0021	LF	8 x 8, 6' High, Cedar	970.17	222.35
		For >3:1 Sloped Soil At Top, Add	*44.67*	
32 32 29 00-0022	LF	8 x 8, 4' High, Pressure Treated Lumber	500.03	137.39
		For >3:1 Sloped Soil At Top, Add	*19.14*	
32 32 29 00-0023	LF	8 x 8, 6' High, Pressure Treated Lumber	932.71	256.57
		For >3:1 Sloped Soil At Top, Add	*35.66*	
32 32 29 00-0024	LF	8 x 8, 4' High, Creosoted Lumber	404.26	111.05
		For >3:1 Sloped Soil At Top, Add	*15.48*	
32 32 29 00-0025	LF	8 x 8, 6' High, Creosoted Lumber	749.77	206.00
		For >3:1 Sloped Soil At Top, Add	*28.72*	
32 32 29 00-0026	LF	Random Diameter Poles, Cedar 4' High	146.80	45.76
		For >3:1 Sloped Soil At Top, Add	*4.69*	
32 32 29 00-0027	LF	Random Diameter Poles, Cedar 6' High	219.11	68.70
		For >3:1 Sloped Soil At Top, Add	*6.94*	
32 32 29 00-0028	LF	Random Diameter Poles, Cedar 8' High	291.33	91.54
		For >3:1 Sloped Soil At Top, Add	*9.20*	
32 32 29 00-0029	LF	Random Diameter Poles, 4' High Creosoted Lumber	105.86	25.85
		For >3:1 Sloped Soil At Top, Add	*4.60*	
32 32 29 00-0030	LF	Random Diameter Poles, 6' High Creosoted Lumber	154.14	37.31
		For >3:1 Sloped Soil At Top, Add	*6.76*	
32 32 29 00-0031	LF	Random Diameter Poles, 8' High	208.95	50.41
		For >3:1 Sloped Soil At Top, Add	*9.20*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4 x 4 Post, 4' Spacing, 3' High Redwood, 2" Planking	67.56	13.74
		For >3:1 Sloped Soil At Top, Add	*3.41*	
32 32 29 00-0034	LF	4 x 4 Post, 2' Spacing, 4' High 2" Planking, Redwood	101.04	23.50
		For >3:1 Sloped Soil At Top, Add	*4.60*	
32 32 29 00-0035	LF	6 x 6 Post, 4' Spacing, 5' High 2" Planking, Redwood	134.58	29.18
		For >3:1 Sloped Soil At Top, Add	*6.48*	
32 32 29 00-0036	LF	6 x 6 Post, 3' Spacing, 6' High 2" Planking, Redwood	187.57	41.38
		For >3:1 Sloped Soil At Top, Add	*8.92*	
32 32 29 00-0037	LF	6 x 6 With Deadman, 3' Spacing, 8' High 2" Planking, Redwood	245.63	53.82
		For >3:1 Sloped Soil At Top, Add	*11.73*	
32 32 29 00-0038	LF	8 x 8 Post, 2' Spacing, 8' High 2" Planking, Redwood	508.87	106.50
		For >3:1 Sloped Soil At Top, Add	*25.15*	
32 32 29 00-0039	LF	8 x 8 With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood	578.13	117.96
		For >3:1 Sloped Soil At Top, Add	*29.09*	
32 32 29 00-0040	LF	4 x 4 Post, 4' Spacing, 3' High, 2" Planking, Cedar	68.16	14.30
		For >3:1 Sloped Soil At Top, Add	*3.36*	
32 32 29 00-0041	LF	4 x 4 With Deadman, 2' Spacing, 4' High 2" Planking, Cedar	119.29	25.44
		For >3:1 Sloped Soil At Top, Add	*5.82*	
32 32 29 00-0042	LF	6 x 6 Post, 4' Spacing, 4' High 2" Planking, Cedar	117.28	24.95
		For >3:1 Sloped Soil At Top, Add	*5.72*	
32 32 29 00-0043	LF	6 x 6 Post, 3' Spacing, 5' High 2" Planking, Cedar	163.33	35.85
		For >3:1 Sloped Soil At Top, Add	*7.79*	
32 32 29 00-0044	LF	6 x 6 Post, 2' Spacing, 6' High 2" Planking, Cedar	252.52	57.24
		For >3:1 Sloped Soil At Top, Add	*11.73*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	201.66	43.98
		For >3:1 Sloped Soil At Top, Add	*9.67*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	526.73	109.91
		For >3:1 Sloped Soil At Top, Add	*26.09*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	75.54	26.42
		For >3:1 Sloped Soil At Top, Add	*1.92*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	110.12	37.56
		For >3:1 Sloped Soil At Top, Add	*2.98*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	163.75	51.54
		For >3:1 Sloped Soil At Top, Add	*5.16*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	292.15	86.99
		For >3:1 Sloped Soil At Top, Add	*10.04*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	297.67	86.99
		For >3:1 Sloped Soil At Top, Add	*10.51*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	277.59	83.58
		For >3:1 Sloped Soil At Top, Add	*9.38*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	658.28	192.26
		For >3:1 Sloped Soil At Top, Add	*23.27*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	75.54	26.42
		For >3:1 Sloped Soil At Top, Add	*1.92*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	110.12	37.56
		For >3:1 Sloped Soil At Top, Add	*2.98*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	163.75	51.54
		For >3:1 Sloped Soil At Top, Add	*5.16*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	206.62	64.14
		For >3:1 Sloped Soil At Top, Add	*6.66*	
32 32 29 00-0058	LF	6 x 6 Post, 2' Spacing, 7' High Creosoted, 2" Planking	292.15	86.99
		For >3:1 Sloped Soil At Top, Add	*10.04*	
32 32 29 00-0059	LF	6 x 6 Post With Deadman, 3' Spacing, 8' High, Creosoted, 2" Planking	277.59	83.58
		For >3:1 Sloped Soil At Top, Add	*9.38*	
32 32 29 00-0060	LF	8 x 8 Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking	658.28	192.26
		For >3:1 Sloped Soil At Top, Add	*23.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	109.33	28.13
		For >3:1 Sloped Soil At Top, Add	*4.51*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	249.68	64.14
		For >3:1 Sloped Soil At Top, Add	*10.32*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	373.46	96.17
		For >3:1 Sloped Soil At Top, Add	*15.39*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	374.62	82.43
		For >3:1 Sloped Soil At Top, Add	*17.83*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	563.12	123.65
		For >3:1 Sloped Soil At Top, Add	*26.84*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	744.69	162.59
		For >3:1 Sloped Soil At Top, Add	*35.66*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	107.12	28.13
		For >3:1 Sloped Soil At Top, Add	*4.32*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	243.05	64.14
		For >3:1 Sloped Soil At Top, Add	*9.76*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	364.62	96.17
		For >3:1 Sloped Soil At Top, Add	*14.64*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	359.17	82.43
		For >3:1 Sloped Soil At Top, Add	*16.52*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	541.04	123.65
		For >3:1 Sloped Soil At Top, Add	*24.96*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	713.77	162.59
		For >3:1 Sloped Soil At Top, Add	*33.03*	

32 32 29 00-0076 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 6" Wood Tie Wall	96.28	23.25
		For >3:1 Sloped Soil At Top, Add	*4.23*	
32 32 29 00-0078	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	219.05	52.68
		For >3:1 Sloped Soil At Top, Add	*9.67*	
32 32 29 00-0079	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	328.03	79.02
		For >3:1 Sloped Soil At Top, Add	*14.45*	
32 32 29 00-0080	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	345.66	95.04
		For >3:1 Sloped Soil At Top, Add	*13.23*	
32 32 29 00-0081	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	520.25	142.02
		For >3:1 Sloped Soil At Top, Add	*20.08*	
32 32 29 00-0082	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	689.00	188.85
		For >3:1 Sloped Soil At Top, Add	*26.46*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	363.44	168.66
		For >3:1 Sloped Soil At Top, Add	*2.21*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	429.83	200.65
		For >3:1 Sloped Soil At Top, Add	*2.42*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	566.48	266.59
		For >3:1 Sloped Soil At Top, Add	*2.83*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	876.72	416.83
		For >3:1 Sloped Soil At Top, Add	*3.66*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,141.45	545.25
		For >3:1 Sloped Soil At Top, Add	*4.33*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,418.02	679.00
		For >3:1 Sloped Soil At Top, Add	*5.10*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	324.71	149.33
		For >3:1 Sloped Soil At Top, Add	*2.21*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	381.87	176.68
		For >3:1 Sloped Soil At Top, Add	*2.42*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	495.70	231.15
		For >3:1 Sloped Soil At Top, Add	*2.83*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	762.78	359.89
		For >3:1 Sloped Soil At Top, Add	*3.66*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	981.62	465.38
		For >3:1 Sloped Soil At Top, Add	*4.33*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,220.88	580.47
		For >3:1 Sloped Soil At Top, Add	*5.10*	

32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	371.31	168.66
		For >3:1 Sloped Soil At Top, Add	*2.88*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	440.74	200.65
		For >3:1 Sloped Soil At Top, Add	*3.35*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	582.23	266.59
		For >3:1 Sloped Soil At Top, Add	*4.17*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	899.74	416.83
		For >3:1 Sloped Soil At Top, Add	*5.61*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,172.95	545.25
		For >3:1 Sloped Soil At Top, Add	*7.00*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,458.00	679.00
		For >3:1 Sloped Soil At Top, Add	*8.50*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	332.58	149.33
		For >3:1 Sloped Soil At Top, Add	*2.88*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	392.78	176.68
		For >3:1 Sloped Soil At Top, Add	*3.35*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	511.45	231.15
		For >3:1 Sloped Soil At Top, Add	*4.17*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	785.80	359.89
		For >3:1 Sloped Soil At Top, Add	*5.61*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,013.12	465.38
		For >3:1 Sloped Soil At Top, Add	*7.00*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,260.86	580.47
		For >3:1 Sloped Soil At Top, Add	*8.50*	
32 32 53 00-0028		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $48.00/ton.		
32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	379.79	168.66
		For >3:1 Sloped Soil At Top, Add	*3.60*	
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	451.52	200.65
		For >3:1 Sloped Soil At Top, Add	*4.26*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	597.37	266.59
		For >3:1 Sloped Soil At Top, Add	*5.46*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	922.76	416.83
		For >3:1 Sloped Soil At Top, Add	*7.57*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,204.45	545.25
		For >3:1 Sloped Soil At Top, Add	*9.68*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,498.59	679.00
		For >3:1 Sloped Soil At Top, Add	*11.95*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	341.06	149.33
		For >3:1 Sloped Soil At Top, Add	*3.60*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	403.68	176.68
		For >3:1 Sloped Soil At Top, Add	*4.27*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	526.59	231.15
		For >3:1 Sloped Soil At Top, Add	*5.46*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	808.82	359.89
		For >3:1 Sloped Soil At Top, Add	*7.57*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,044.62	465.38
		For >3:1 Sloped Soil At Top, Add	*9.68*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,301.45	580.47
		For >3:1 Sloped Soil At Top, Add	*11.95*	
32 32 53 00-0041		Stone Retaining Walls *(32 32 53 00-0001)*		
		Note: Stone at $64.00/ton.		
32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	388.28	168.66
		For >3:1 Sloped Soil At Top, Add	*4.33*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	450.43	200.65
		For >3:1 Sloped Soil At Top, Add	*4.17*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	613.73	266.59
		For >3:1 Sloped Soil At Top, Add	*6.85*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	946.99	416.83
		For >3:1 Sloped Soil At Top, Add	*9.63*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,237.16	545.25
		For >3:1 Sloped Soil At Top, Add	*12.46*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,539.78	679.00
		For >3:1 Sloped Soil At Top, Add	*15.45*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	349.55	149.33
		For >3:1 Sloped Soil At Top, Add	*4.33*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	414.58	176.68
		For >3:1 Sloped Soil At Top, Add	*5.20*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	542.95	231.15
		For >3:1 Sloped Soil At Top, Add	*6.85*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	833.05	359.89
		For >3:1 Sloped Soil At Top, Add	*9.63*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,077.33	465.38
		For >3:1 Sloped Soil At Top, Add	*12.46*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,342.64	580.47
		For >3:1 Sloped Soil At Top, Add	*15.45*	

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0003		**Double Sided** *(32 33 13 00-0002)*		
32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	479.67	95.72
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	727.66	157.24
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	1,243.74	239.30
32 33 13 00-0007		**Single Sided** *(32 33 13 00-0002)*		
32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	420.38	85.46
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	600.17	142.21
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,020.96	213.65
32 33 13 00-0011		**Anchor Set For Vertical Style Bike Rack** *(32 33 13 00-0002)*		
32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	84.03	
32 33 13 00-0013		**Bike Racks Ground Loop** *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	659.09	167.71
32 33 13 00-0015		**Serpentine Bike Racks** *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0016		**Galvanized, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	369.59	102.55
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	492.31	111.10
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	615.04	119.65
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	752.84	128.19
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	890.64	136.74
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	968.10	145.28
32 33 13 00-0023		**Galvanized, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	413.83	102.55
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	524.20	111.10
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	634.58	119.65
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	733.30	128.19
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	843.66	136.74
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	977.36	145.28
32 33 13 00-0030		**Powder Coated, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	369.59	102.55
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	492.31	111.10
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	615.04	119.65
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	752.84	128.19
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	890.64	136.74
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	968.10	145.28
32 33 13 00-0037		**Powder Coated, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	425.49	102.55
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	547.52	111.10
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	657.90	119.65
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	791.60	128.19
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	901.96	136.74
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,047.32	145.28
32 33 13 00-0044		**Stainless Steel, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	666.84	102.55
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	980.45	111.10
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,294.08	119.65
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,650.06	128.19
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,006.01	136.74
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,192.56	145.28
32 33 13 00-0051		**Stainless Steel, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	530.43	102.55
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,130.54	111.10
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,474.13	119.65
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,794.38	128.19
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,126.29	136.74
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,469.88	145.28
32 33 13 00-0058		**Bike Racks Bollards/Bicycle Posts** *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	374.57	76.92

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		Steel Trash Containment *(32 33 23)*		
32 33 23 00-0002		Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*		
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	386.63	40.82
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	369.23	40.82
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	369.23	40.82
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	349.64	40.82
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	386.63	40.82
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	349.64	40.82
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	478.02	40.82
32 33 23 00-0010		Square Steel Frames Surrounded With Flat Steel *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	696.99	40.82
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	752.28	40.82
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	752.28	40.82
32 33 23 00-0014		Round Steel Pipe And Flat Steel Frames *(32 33 23 00-0001)* Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,028.75	40.82
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,107.75	40.82
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,275.60	40.82
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,157.12	40.82
32 33 23 00-0019		Round Steel Pipe Surrounded With Perforated *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	920.14	40.82
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	999.13	40.82
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,166.99	40.82
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,058.38	40.82
32 33 23 00-0024		Round Steel Pipe Frames Surrounded With Welded Wire *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	732.53	40.82
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	811.52	40.82
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	979.38	40.82
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	870.77	40.82
32 33 23 00-0029		Litter Baskets *(32 33 23)*		
32 33 23 00-0030		Round Wire Litter Baskets *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	128.82	4.15
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	162.61	4.15
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	219.95	4.15
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	252.30	4.15
32 33 23 00-0035		Trash Can/Wire Basket Holder *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	185.26	33.34
32 33 23 00-0037	EA	Steel Post, Double Holder	249.93	33.34
32 33 23 00-0038	EA	Redwood Post, Single Holder	109.71	33.34
32 33 23 00-0039	EA	Redwood Post, Double Holder	127.90	33.34
32 33 23 00-0040		Litter Receptacles, Freestanding *(32 33 23 00-0029)* Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,034.90	17.01
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,089.30	17.01
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,269.51	25.51
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,323.91	25.51
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,378.30	25.51
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,432.70	25.51
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,143.03	22.11
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,197.42	22.11
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

32 33 23 00-0049 Ash Receptacles *(32 33 23)*

32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	345.68	17.01
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	152.47	17.01

32 33 23 00-0052 Trash Receptacles *(32 33 23)*

32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	849.96	17.01
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	357.06	17.01
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	372.20	17.01
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	388.88	18.71
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	418.80	20.41
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	154.16	13.60
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	180.61	13.60
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	302.66	17.01

32 33 23 00-0061 Trash Containers (Dumpsters) *(32 33 23)*

32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	154.72	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	232.09	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	309.45	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	309.45	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	464.17	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	618.90	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	928.35	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	1,237.79	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	430.49	20.11
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	482.91	24.12
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	527.29	24.12
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	573.18	28.14
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	694.99	36.18
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	755.04	36.18
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	850.53	40.20
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	897.52	40.20
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,002.48	50.25
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,066.33	53.47
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,111.13	56.28
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,008.55	50.25
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,109.82	56.28
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	1,416.77	60.31
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	1,837.92	76.38
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	2,131.81	80.40

32 33 33 00-0019 Square Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	872.96	52.26
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	997.91	56.28
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	1,565.78	64.33
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	1,670.43	68.34

32 33 33 00-0024 Rectangular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	502.49	24.12
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	593.18	36.18
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	687.37	40.20
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	784.49	50.25

32 33 33 00-0029 Fiberglass Planters *(32 33 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0030		**Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	1,047.13	20.11
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	1,741.09	20.11
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	698.91	20.11
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	1,375.26	20.11
32 33 33 00-0035		**Tapered Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	408.86	20.11
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	598.33	20.11
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	1,064.74	20.11
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	1,485.89	20.11
32 33 33 00-0040		**Square Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	536.17	20.11
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	548.04	20.11
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	554.32	20.11
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	628.51	20.11
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	682.56	20.11
32 33 33 00-0046		**Rectangular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	616.76	20.11
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	661.08	20.11
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	860.68	20.11
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	949.33	20.11
32 33 33 00-0051		**Timber Planters** *(32 33 33)*		
32 33 33 00-0052		**Square Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	424.53	40.82
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	424.53	40.82
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	806.80	40.82
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	699.12	40.82
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	833.72	40.82
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	2,147.42	40.82
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	3,229.61	40.82
32 33 33 00-0060		**Rectangular Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	419.15	40.82
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	467.60	40.82
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	612.97	40.82
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	677.58	40.82
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	871.41	40.82
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,011.39	40.82
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,129.84	40.82
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	1,469.03	40.82
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	1,657.48	40.82
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	1,888.99	40.82
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	1,797.46	40.82
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	2,034.36	40.82
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	2,276.64	40.82
32 33 43		**Site Seating And Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		Benches (Landscapeforms) *(32 33 43 13)*		
		Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,401.08	68.04
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,755.28	68.04
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	1,982.98	68.04
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	160.52	17.01
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,533.08	68.04
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	1,736.58	68.04
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,896.08	68.04
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,143.58	68.04
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,171.08	68.04
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,418.58	68.04
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,822.94	68.04
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,069.56	68.04
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	790.00	51.03
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	854.90	51.03
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	923.83	59.53
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,079.59	59.53
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	988.73	59.53
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,053.63	59.53
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,135.54	68.04
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,304.28	68.04
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,105.55	59.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,187.46	68.04
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,252.36	68.04
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,421.10	68.04
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,270.08	68.04
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,611.08	68.04
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,451.68	68.04
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,755.28	68.04
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,907.08	68.04
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	1,857.58	68.04
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,061.08	68.04
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,281.08	68.04
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,484.58	68.04
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,693.58	68.04
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,369.08	68.04
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,572.58	68.04
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	2,908.08	68.04
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,122.58	68.04
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,320.58	68.04
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	540.02	17.01
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	727.02	17.01
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	727.02	17.01
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	661.02	17.01
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	820.52	17.01
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	820.52	17.01
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	820.52	17.01
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	126.50	17.01
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	760.02	17.01
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	842.52	17.01
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	925.02	17.01
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	919.52	17.01
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,002.02	17.01
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,084.52	17.01
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	908.52	17.01
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	991.02	17.01
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,073.52	17.01
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,112.02	17.01
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,194.52	17.01
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,277.02	17.01
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,112.02	17.01
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,194.52	17.01
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,277.02	17.01
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,511.08	68.04
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,533.08	68.04
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,868.58	68.04
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,270.08	68.04
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	2,682.58	68.04
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,073.08	68.04
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,214.08	68.04
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,621.08	68.04
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,659.58	68.04
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,912.58	68.04
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,160.08	68.04
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,418.58	68.04
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,671.58	68.04
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,160.08	68.04
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,616.58	68.04
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,062.08	68.04
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,320.58	68.04
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	3,870.58	68.04
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,123.58	68.04
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,371.08	68.04
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,026.57	59.53
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,241.07	59.53
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,356.57	59.53
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,588.08	68.04
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,802.58	68.04

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	466.74	34.02
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	532.41	34.02
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	676.87	34.02
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	486.45	34.02
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	552.11	34.02
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	703.13	34.02
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	703.13	34.02
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	814.75	34.02
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	1,044.56	34.02
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	735.96	34.02
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	847.58	34.02
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,090.52	34.02
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	1,340.02	34.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	1,569.83	34.02
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	2,049.14	34.02
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	1,372.85	34.02
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	1,602.66	34.02
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	2,095.10	34.02
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	538.98	34.02
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	604.64	34.02
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	558.68	34.02
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	624.34	34.02
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	886.97	34.02
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	1,044.56	34.02
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	939.50	34.02
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	1,097.08	34.02
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	575.39	51.03
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	601.65	51.03
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	805.20	51.03
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	440.49	34.02
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	506.15	34.02
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	571.81	34.02
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	729.39	34.02
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	795.05	34.02
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	447.06	34.02
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	512.72	34.02
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	578.38	34.02
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	749.09	34.02
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	814.75	34.02
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	742.52	34.02
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	854.15	34.02
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	1,097.08	34.02
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	1,208.70	34.02
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	755.66	34.02
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	867.28	34.02
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	1,116.78	34.02
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	1,228.40	34.02
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	742.52	34.02
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	1,037.99	34.02
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	926.37	34.02
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	1,215.27	34.02
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	1,326.89	34.02
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	847.58	34.02
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	1,057.69	34.02
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	939.50	34.02
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	1,234.97	34.02
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	1,346.59	34.02
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	792.07	51.03
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	910.25	51.03
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	1,159.76	51.03
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	864.29	51.03
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	982.48	51.03
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	1,271.38	51.03

32 33 43 13-0154 Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	630.90	34.02
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	854.15	34.02
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	650.60	34.02
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	873.84	34.02
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	978.90	34.02
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	1,143.05	34.02
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,031.43	34.02
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	1,195.57	34.02
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	641.05	51.03
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	765.80	51.03
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	897.12	51.03
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	519.26	34.02
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	690.00	34.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	821.32	34.02
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	538.98	34.02
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	709.69	34.02
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	847.58	34.02
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	814.75	34.02
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,090.52	34.02
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	1,320.33	34.02
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	847.58	34.02
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	1,136.48	34.02
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	1,366.29	34.02
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	1,569.83	34.02
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	2,154.20	34.02
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	2,384.01	34.02
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	1,602.66	34.02
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	2,200.16	34.02
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	2,429.97	34.02
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	992.03	34.02
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	1,372.85	34.02
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	1,313.76	34.02
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	1,504.17	34.02
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	2,016.31	34.02
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,005.16	34.02
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	1,392.55	34.02
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	1,333.46	34.02
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	1,523.87	34.02
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	2,049.14	34.02
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	956.21	51.03
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	1,277.94	51.03
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	1,573.41	51.03
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,067.84	51.03
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	1,415.83	51.03
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	1,553.71	51.03
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	466.76	34.02
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	604.64	34.02
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	808.18	34.02
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	946.07	34.02
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	1,097.08	34.02
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	479.89	34.02
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	617.77	34.02
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	827.88	34.02
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	965.77	34.02
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	1,123.35	34.02
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	886.97	34.02
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	1,208.70	34.02
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	1,484.47	34.02
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	1,668.32	34.02
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	900.11	34.02
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	1,228.40	34.02
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	1,504.17	34.02
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	1,694.58	34.02

32 33 43 53 Site Tables *(32 33 43)*

32 33 43 53-0001 Picnic Tables *(32 33 43 53)*

32 33 43 53-0002 Concrete Picnic Tables *(32 33 43 53-0001)*

32 33 43 53-0003	EA	6' Concrete Picnic Table	1,435.93	154.04

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 63		**Skate Board Deterrent** *(32 33)*		
32 33 63 00-0001		Skate Stoppers *(32 33 63)*		
32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	37.92	
		For >60 To 100, Deduct	*-3.78*	
		For >100 To 250, Deduct	*-4.83*	
		For >250, Deduct	*-5.88*	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	31.61	
		For >60 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-3.76*	
		For >250, Deduct	*-4.62*	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	31.61	
		For >60 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-3.76*	
		For >250, Deduct	*-4.62*	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	21.35	
		For >60 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-2.34*	
		For >250, Deduct	*-2.91*	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	24.60	
		For >60 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-2.89*	
		For >250, Deduct	*-3.56*	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	22.25	
		For >60 To 100, Deduct	*-1.89*	
		For >100 To 250, Deduct	*-2.49*	
		For >250, Deduct	*-3.09*	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	21.05	
		For >60 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-2.29*	
		For >250, Deduct	*-2.85*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	31.91	
		For >60 To 100, Deduct	*-2.94*	
		For >100 To 250, Deduct	*-3.81*	
		For >250, Deduct	*-4.68*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	54.27	
		For >60 To 100, Deduct	*-6.07*	
		For >100 To 250, Deduct	*-7.61*	
		For >250, Deduct	*-9.15*	
32 39		**Manufactured Site Specialties** *(32 30)*		
32 39 13		**Manufactured Metal Bollards** *(32 39)*		
32 39 13 00-0001		Metal Pipe Bollards *(32 39 13)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.		
32 39 13 00-0002		Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*		
32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	35.70	9.95
		For Galvanized Steel, Add	*2.68*	
		For 304 Stainless Steel, Add	*21.32*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*103.64*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*76.34*	
		For Schedule 80, Add	*4.36*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	44.82	9.95
		For Galvanized Steel, Add	*4.23*	
		For 304 Stainless Steel, Add	*33.63*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*103.64*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*76.34*	
		For Schedule 80, Add	*5.73*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	61.82	12.45
		For Galvanized Steel, Add	*6.28*	
		For 304 Stainless Steel, Add	*49.87*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*137.52*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*116.17*	
		For Schedule 80, Add	*8.03*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	80.40	14.93
		For Galvanized Steel, Add	*8.59*	
		For 304 Stainless Steel, Add	*68.23*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*157.44*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*125.78*	
		For Schedule 80, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	102.53	19.91
		For Galvanized Steel, Add	*10.66*	
		For 304 Stainless Steel, Add	*84.67*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*212.24*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*173.69*	
		For Schedule 80, Add	*13.39*	
32 39 13 00-0008		Cast Bollards *(32 39 13 00-0001)*		
32 39 13 00-0009	EA	36" Cast Aluminum Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	1,006.14	59.72
32 39 13 00-0010	EA	36" Cast Aluminum Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,672.94	59.72
32 39 13 00-0011	EA	36" Cast Iron Bollard, Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	858.72	59.72
32 39 13 00-0012	EA	36" Cast Iron Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,529.46	59.72
32 39 16		**Manufactured Concrete Bollards** *(32 39)*		
32 39 16 00-0001		Concrete Bollards *(32 39 16)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 16 00-0002		Concrete Bollard, Exposed Aggregate *(32 39 16 00-0001)*		
32 39 16 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	388.71	79.64
32 39 16 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	388.71	79.64
32 39 19		**Manufactured Wood Bollards** *(32 39)*		
32 39 19 00-0001		Wood Bollards *(32 39 19)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 19 00-0002		Wood Bollard, Pressure Treated Timber *(32 39 19 00-0001)*		
32 39 19 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	18.69	7.96
		For Each Sleeve For Removable, Lockable Bollard, Add	*77.76*	
32 39 19 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	21.60	7.96
		For Each Sleeve For Removable, Lockable Bollard, Add	*77.76*	
32 39 19 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	28.00	8.96
		For Each Sleeve For Removable, Lockable Bollard, Add	*119.78*	
32 39 19 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	39.61	11.94
		For Each Sleeve For Removable, Lockable Bollard, Add	*131.30*	
32 39 19 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	54.48	15.93
		For Each Sleeve For Removable, Lockable Bollard, Add	*184.79*	
32 39 23		**Manufactured Plastic Bollards** *(32 39)*		
32 39 23 00-0001		Plastic Bollards *(32 39 23)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002		Recycled Plastic Bollards *(32 39 23 00-0001)*		
32 39 23 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	206.01	39.81
32 39 23 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	318.51	39.81
32 39 23 00-0005		Plastic Bollard Covers *(32 39 23 00-0001)*		
32 39 23 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	50.90	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	55.23	9.61
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	67.62	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	67.62	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	75.43	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	67.62	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	68.74	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	67.62	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	68.74	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	94.38	8.74
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	69.37	9.61
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	87.21	9.61
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	98.71	9.61
		For Reflective Tape, Add	*5.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	84.50	10.48
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	91.19	10.48
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	91.19	10.48
		For Reflective Tape, Add	*5.31*	
32 39 23 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	121.30	10.48
		For Reflective Tape, Add	*5.31*	

32 39 26 Manufactured Stone Bollards *(32 39)*

32 39 26 00-0001 Stone Bollards *(32 39 26)*
See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

32 39 26 00-0002 Granite Bollards *(32 39 26 00-0001)*

32 39 26 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	959.00	99.55
32 39 26 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,218.26	139.36
32 39 26 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	605.29	99.55
32 39 26 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	877.74	79.64
32 39 26 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,299.16	79.64

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	35.08	9.15
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	49.08	9.15
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	48.11	9.15
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	61.27	9.15

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	89.07	9.15
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	89.79	9.15
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	41.20	9.15
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	41.78	9.15
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	95.81	9.15
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	49.91	9.15
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	54.44	9.15

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	40.61	9.15
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	40.61	9.15
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	40.61	9.15
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	45.38	9.15

32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*
Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	3.15	1.28
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	3.10	1.47
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	2.69	1.28
		For Shallow Trenching And Backfill By Hand, Add	*5.26*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	3.09	1.47
		For Shallow Trenching And Backfill By Hand, Add	*5.70*	

32 84 13 00-0025 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	2.37	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	2.38	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	2.41	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	2.50	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	2.35	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	2.45	
		For Compression Fitting, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	2.50	
		For Compression Fitting, Add	*0.22*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	2.53	
		For Compression Fitting, Add	*0.25*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	2.54	
		For Compression Fitting, Add	*0.26*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	2.64	
		For Compression Fitting, Add	*0.36*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	2.76	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	1.38	

32 84 13 00-0038 Drip Emitters *(32 84 13 00-0001)*

32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	4.85	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	5.31	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	10.13	

32 84 13 00-0042 Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters *(32 84 13 00-0001)*

32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	19.02	8.24
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	19.04	8.24
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	20.32	8.24
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	20.46	8.24
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	28.78	10.79
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	30.43	10.79
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	28.74	10.79

32 84 13 00-0050 Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS) *(32 84 13 00-0001)*

Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.

32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	3.51	1.60

32 84 23 Underground Sprinklers *(32 84)*

32 84 23 00-0001 Sprinkler Heads *(32 84 23)*

32 84 23 00-0002 Spray Sprinkler Heads *(32 84 23 00-0001)*

Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.

32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	25.72	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	24.79	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	28.25	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	31.16	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	26.09	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	30.97	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	33.32	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	27.48	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	31.93	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	34.12	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	28.04	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	34.86	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	37.03	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	22.97	10.10
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	25.13	10.10

32 84 23 00-0018 Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0001)*

Note: Maximum spacing is equivalent to maximum radius.

32 84 23 00-0019 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	32.58	10.10
		For Non-Potable Cover, Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	33.35	10.10
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0022 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.

32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	30.72	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	39.06	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	32.27	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	40.30	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	32.89	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	34.12	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	42.15	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	47.09	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	33.97	10.10
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	38.91	10.10
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0033 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	50.65	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*22.74*	

32 84 23 00-0035 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	68.56	10.10
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0037 Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*

Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.

32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	42.00	10.10
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	34.59	10.10
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	59.28	10.10

32 84 23 00-0041 Electric Remote Control Irrigation Valves *(32 84 23)*

32 84 23 00-0042 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*

Note: 15 to 150 PSI.

32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	108.42	42.11
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	108.42	42.11
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	120.46	48.01
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	109.03	42.11

32 84 23 00-0047 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*

Note: 15 to 150 PSI.

32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	109.03	42.11
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	121.38	48.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	122.00	48.01
32 84 23 00-0051		0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI.		
32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	158.45	42.11
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	180.08	42.11
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	207.88	42.11
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	216.49	47.33
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	238.11	47.33
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	265.91	47.33
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	247.37	47.33
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	269.00	47.33
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	296.80	47.33
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	219.95	42.11
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	319.35	42.11
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	328.34	42.11
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	738.49	56.85
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	209.78	47.33
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	239.34	47.33
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	271.44	47.33
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	313.69	47.33
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	265.35	47.33
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	383.28	47.33
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	393.39	47.33
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	778.65	47.33
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	264.88	42.11
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	364.28	42.11
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	373.27	42.11
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	783.42	56.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	256.12	47.33
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	285.68	47.33
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	317.77	47.33
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	360.02	47.33
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	310.27	47.33
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	428.21	47.33
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	438.32	47.33
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	823.58	47.33
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	80.03	
32 84 23 00-0095		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	69.80	30.32
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	77.09	30.32
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	101.23	39.93
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	167.76	58.28
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	170.41	58.28
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	189.38	58.28
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	191.64	58.28
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	300.08	58.28
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	440.52	58.28
32 84 23 00-0105		Irrigation Controllers *(32 84 23)*		
32 84 23 00-0106		Irrigation Controllers *(32 84 23 00-0105)*		
32 84 23 00-0107		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0106)*		
32 84 23 00-0108		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0107)*		
32 84 23 00-0109		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0108)*		
32 84 23 00-0110		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0109)*		
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	200.04	27.22
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	280.75	27.22
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	361.44	27.22
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	442.15	27.22
32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	495.64	27.22
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	579.73	27.22
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	663.84	27.22
32 84 23 00-0118		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0109)*		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	222.89	27.22
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	303.60	27.22
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	384.29	27.22
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	465.00	27.22
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	518.49	27.22
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	602.58	27.22
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	686.69	27.22
32 84 23 00-0126		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0108)*		
32 84 23 00-0127		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0126)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	279.41	27.22
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	360.13	27.22
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	440.82	27.22
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	521.52	27.22
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	575.01	27.22
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	659.10	27.22
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	743.21	27.22

32 84 23 00-0135 Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0126)*

32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	296.54	27.22
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	377.25	27.22
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	457.94	27.22
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	538.64	27.22
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	592.13	27.22
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	676.22	27.22
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	760.33	27.22

32 84 23 00-0143 Accessories For ESP-ME/MEI Irrigation Controllers *(32 84 23 00-0108)*

32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	84.10	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	163.45	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	177.13	

32 84 23 00-0147 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0107)*

32 84 23 00-0148 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0147)*

32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	445.92	27.22
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	545.95	27.22
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	647.07	27.22
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	747.10	27.22
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	848.23	27.22
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	948.25	27.22
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,049.38	27.22
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,149.39	27.22
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,250.52	27.22
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,350.55	27.22

32 84 23 00-0159 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0147)*

32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	412.40	27.22
32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	512.41	27.22
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	613.55	27.22
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	713.56	27.22
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	814.70	27.22
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	914.72	27.22
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,015.85	27.22
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,115.87	27.22
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,216.99	27.22
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,317.01	27.22
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,418.15	27.22

32 84 23 00-0171 Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0147)*

32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	270.28	
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	615.36	
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	550.09	
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	1,213.78	
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	100.03	
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	201.15	
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	308.79	
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	107.07	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0180		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0107)*		
32 84 23 00-0181		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0180)*		
32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	198.01	27.22
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	244.62	27.22
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	318.99	27.22
32 84 23 00-0185		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0180)*		
32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	193.93	
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	57.29	20.42
32 84 23 00-0188		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0107)*		
32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	99.93	20.42
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	187.61	20.42
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	194.26	20.42
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	251.88	20.42
32 84 23 00-0193		Two-Wire Decoder Systems *(32 84 23 00-0105)*		
32 84 23 00-0194		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0193)*		
32 84 23 00-0195		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0194)* Note: Includes water resistant cabinet.		
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	1,116.69	27.22
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	1,764.73	27.22
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,412.79	27.22
32 84 23 00-0199		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0194)*		
32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	149.03	27.22
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	187.02	27.22
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	272.63	27.22
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	319.61	27.22
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	505.16	27.22
32 84 23 00-0205		Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0194)*		
32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	859.78	
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	648.04	
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	114.27	23.82
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	419.88	27.22
32 84 23 00-0210		Calsense Controllers *(32 84 23 00-0105)*		
32 84 23 00-0211		Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0212	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	1,478.22	68.04
32 84 23 00-0213	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	1,900.99	76.54
32 84 23 00-0214	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	2,598.42	85.05
32 84 23 00-0215	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	2,854.37	85.05
32 84 23 00-0216	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	3,370.79	93.56
32 84 23 00-0217	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	4,057.46	93.56
32 84 23 00-0218	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	4,592.60	102.06
32 84 23 00-0219	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	5,135.70	102.06
32 84 23 00-0220	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	1,486.79	34.02
32 84 23 00-0221	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	635.54	34.02
32 84 23 00-0222		Irrigation Controller Accessories *(32 84 23 00-0210)*		
32 84 23 00-0223	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	59.93	
32 84 23 00-0224	EA	Spare Lock For Enclosures (Calsense PAD)	64.92	
32 84 23 00-0225	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	81.93	8.51
32 84 23 00-0226	EA	Transformer For Irrigation Controllers (Calsense TR-1)	130.46	34.02
32 84 23 00-0227	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	323.98	34.02
32 84 23 00-0228	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	423.86	34.02
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*337.32*	
32 84 23 00-0229		Sensors For Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0230		Flow Sensors *(32 84 23 00-0229)*		
32 84 23 00-0231	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	738.80	51.03
		For Flow Meter Replacement Insert Only, Deduct	*-375.76*	
32 84 23 00-0232	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	763.76	51.03
		For Flow Meter Replacement Insert Only, Deduct	*-400.72*	
32 84 23 00-0233	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	788.74	51.03
		For Flow Meter Replacement Insert Only, Deduct	*-425.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0234	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	878.94	68.04
		For Flow Meter Replacement Insert Only, Deduct	*-515.68*	
32 84 23 00-0235	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	941.36	68.04
		For Flow Meter Replacement Insert Only, Deduct	*-578.10*	
32 84 23 00-0236	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	966.33	68.04
		For Flow Meter Replacement Insert Only, Deduct	*-603.07*	
32 84 23 00-0237	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	1,128.64	68.04
		For Flow Meter Replacement Insert Only, Deduct	*-637.10*	
32 84 23 00-0238	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	867.08	34.02
		For Flow Meter Replacement Insert Only, Deduct	*-375.54*	

32 84 23 00-0239 Moisture Sensors *(32 84 23 00-0229)*

32 84 23 00-0240	EA	Soil Moisture Sensor (Calsense 1000-S)	313.21	25.51

32 84 23 00-0241 Weather Sensors *(32 84 23 00-0229)*

32 84 23 00-0242	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	853.97	68.04
32 84 23 00-0243	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,015.02	136.08
32 84 23 00-0244	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	1,920.81	102.06

32 84 23 00-0245 Weather Sensor Accessories *(32 84 23 00-0229)*

32 84 23 00-0246	EA	Replacement Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	567.44	
32 84 23 00-0247	EA	Replacement Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,054.36	
32 84 23 00-0248	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	567.44	34.02
32 84 23 00-0249	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	1,276.28	34.02

32 84 23 00-0250 Antennas For Irrigation Controllers *(32 84 23 00-0210)*

Note: Excludes antenna cable.

32 84 23 00-0251	EA	Local Radio Dome Antenna (Calsense LR-DOME)	305.26	34.02
32 84 23 00-0252	EA	Local Radio Stick Antenna (Calsense LR-STICK)	436.35	34.02
32 84 23 00-0253	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	504.39	68.04
32 84 23 00-0254	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	305.26	34.02
32 84 23 00-0255	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	305.26	34.02
32 84 23 00-0256	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	305.26	34.02
32 84 23 00-0257	EA	GPRS Stick Antenna (Calsense GR-STICK)	436.35	34.02
32 84 23 00-0258	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	305.26	34.02
32 84 23 00-0259	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	436.35	34.02
32 84 23 00-0260	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	504.39	68.04
32 84 23 00-0261	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	305.26	34.02
32 84 23 00-0262	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	305.26	34.02
32 84 23 00-0263	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	305.26	34.02
32 84 23 00-0264	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	305.26	34.02
32 84 23 00-0265	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	8.05	0.41
32 84 23 00-0266	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	296.20	17.01
32 84 23 00-0267	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	486.29	34.02
32 84 23 00-0268	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	405.76	
32 84 23 00-0269	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	574.31	
32 84 23 00-0270	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	424.49	

32 84 23 00-0271 Pedestals And Enclosures For Irrigation Controllers *(32 84 23 00-0210)*

32 84 23 00-0272	EA	15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	289.34	51.03
32 84 23 00-0273	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	680.84	85.05
32 84 23 00-0274	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	723.50	34.02
32 84 23 00-0275	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	856.31	25.51
32 84 23 00-0276	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	2,655.00	25.51
32 84 23 00-0277	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	2,997.49	25.51
32 84 23 00-0278	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	4,356.61	51.03
32 84 23 00-0279	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	4,565.16	51.03
32 84 23 00-0280	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	153.21	
32 84 23 00-0281	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	494.25	

32 84 23 00-0282 Central Computer For Irrigation Control Systems *(32 84 23 00-0210)*

32 84 23 00-0283	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	3,348.19	
32 84 23 00-0284	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	5,913.29	
32 84 23 00-0285	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	1,140.64	
32 84 23 00-0286	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	2,233.67	
32 84 23 00-0287	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	3,592.26	
32 84 23 00-0288	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	2,145.15	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0289		Data Access Service *(32 84 23 00-0210)*		
32 84 23 00-0290	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	18.16	
32 84 23 00-0291	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	198.62	
32 84 23 00-0292	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	851.25	
32 84 23 00-0293	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	73.78	
32 84 23 00-0294	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	794.50	
32 84 23 00-0295	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	3,405.00	
32 84 23 00-0296		Communication Options For Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0297	EA	FCC License Fee (Calsense)	130.50	
32 84 23 00-0298	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	244.00	
32 84 23 00-0299	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	658.30	
32 84 23 00-0300	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	692.35	
32 84 23 00-0301	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	692.35	
32 84 23 00-0302	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	1,418.75	
32 84 23 00-0303	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	1,804.65	
32 84 23 00-0304	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	1,804.65	
32 84 23 00-0305	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	1,804.65	
32 84 23 00-0306	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	5,788.50	
32 84 23 00-0307	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	2,238.76	
32 84 23 00-0308		Retrofit Options For Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0309		Weather Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0310	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	902.26	
32 84 23 00-0311	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	902.26	
32 84 23 00-0312	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	902.26	
32 84 23 00-0313	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	902.26	
32 84 23 00-0314		Phone Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0315	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	947.66	
32 84 23 00-0316	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	1,117.92	
32 84 23 00-0317	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	1,781.89	
32 84 23 00-0318		Local Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0319	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,061.16	
32 84 23 00-0320	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	2,218.86	
32 84 23 00-0321	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	2,877.16	
32 84 23 00-0322		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0323	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,061.16	
32 84 23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	2,218.86	
32 84 23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	2,877.16	
32 84 23 00-0326		Ethernet Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,061.16	
32 84 23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,117.92	
32 84 23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	1,781.89	
32 84 23 00-0330		GPRS Radio Modem Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	1,061.16	
32 84 23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	2,218.86	
32 84 23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	2,877.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0334		**Radio Remote Units For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0335	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,066.84	
32 84 23 00-0336	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	224.73	
32 84 23 00-0337	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	96.48	
32 84 23 00-0338	EA	Replacement Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	175.91	
32 84 23 00-0339	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	113.49	8.51
32 84 23 00-0340	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	215.63	8.51
32 84 23 00-0341	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	232.66	8.51
32 84 23 00-0342		**Satellite Irrigation Controllers (Rain Bird® ESP-SAT)** *(32 84 23 00-0105)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	2,543.59	153.09
32 84 23 00-0344	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	2,682.51	161.60
32 84 23 00-0345	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	3,696.66	170.09
32 84 23 00-0346		**Irrigation Valves** *(32 84 23)*		
32 84 23 00-0347		**Reduced Pressure Zone Valves With QT Shut-Offs** *(32 84 23 00-0346)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	429.18	34.77
32 84 23 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	510.34	42.45
32 84 23 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	757.58	49.42
32 84 23 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	804.78	56.73
32 84 23 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	970.81	73.21
32 84 23 00-0353		**Brass Quick-Coupling Irrigation Valves** *(32 84 23 00-0346)*		
32 84 23 00-0354	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	106.92	30.32
		For Valve Key, Add	*22.70*	
32 84 23 00-0355	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	109.54	30.32
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*22.70*	
32 84 23 00-0356	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	138.42	30.32
		For Valve Key, Add	*58.07*	
32 84 23 00-0357	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	148.92	30.32
		For Valve Key, Add	*58.07*	
32 84 23 00-0358	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	143.98	30.32
32 84 23 00-0359	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	148.92	30.32
32 84 23 00-0360		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0346)* Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0361	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	139.11	25.62
32 84 23 00-0362	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	191.70	29.29
32 84 23 00-0363	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	329.04	33.85
32 84 23 00-0364	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	399.15	37.51
32 84 23 00-0365	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	409.70	45.75
32 84 23 00-0366		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0367	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	2.35	1.06
		For >1,000, Deduct	*-0.12*	
32 84 23 00-0368	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	2.82	1.27
		For >1,000, Deduct	*-0.14*	
32 84 23 00-0369	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	3.89	1.60
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0370	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	4.97	2.00
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0371	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	6.20	2.35
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0372	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	1.96	0.85
		For >1,000, Deduct	*-0.10*	
32 84 23 00-0373	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	2.46	1.06
		For >1,000, Deduct	*-0.12*	
32 84 23 00-0374	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	3.00	1.27
		For >1,000, Deduct	*-0.15*	
32 84 23 00-0375	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	4.02	1.60
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0376	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	5.08	2.00
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0377	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	6.36	2.35
		For >1,000, Deduct	*-0.32*	
32 84 23 00-0378	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	8.91	3.37
		For >1,000, Deduct	*-0.45*	
32 84 23 00-0379		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0380	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	40.58	16.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0381	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	45.99	18.72
32 84 23 00-0382	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	58.34	18.72
32 84 23 00-0383	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	34.14	21.85
32 84 23 00-0384	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	45.57	29.15
32 84 23 00-0385	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	56.60	35.74
32 84 23 00-0386	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	49.02	22.18
32 84 23 00-0387	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	64.79	29.44
32 84 23 00-0388	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	79.19	36.10
32 84 23 00-0389	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	27.72	13.59
32 84 23 00-0390	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	37.00	18.12
32 84 23 00-0391	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	43.45	22.46
32 84 23 00-0392		**Irrigation Control Wire** *(32 84 23)* Note: Excludes excavation and backfill.		
32 84 23 00-0393		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0392)*		
32 84 23 00-0394	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	35.78	12.63
32 84 23 00-0395	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	45.83	14.74
32 84 23 00-0396	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	52.68	16.85
32 84 23 00-0397	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	60.09	18.95
32 84 23 00-0398	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	68.09	21.06
32 84 23 00-0399	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	80.20	23.16
32 84 23 00-0400	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	91.84	25.27
32 84 23 00-0401	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	99.75	27.38
32 84 23 00-0402	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	109.18	29.48
32 84 23 00-0403	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	119.83	31.58
32 84 23 00-0404	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	124.61	33.70
32 84 23 00-0405	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	129.99	35.80
32 84 23 00-0406	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	137.23	37.90
32 84 23 00-0407		**16 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0392)*		
32 84 23 00-0408	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	37.33	12.63
32 84 23 00-0409		**14 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0392)*		
32 84 23 00-0410	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	37.34	12.63
32 84 23 00-0411		**12 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0392)*		
32 84 23 00-0412	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	47.60	12.63
32 84 23 00-0413		**10 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0392)*		
32 84 23 00-0414	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	60.61	12.63
32 84 23 00-0415		**Root Watering Systems** *(32 84 23)* Note: Includes swing assembly.		
32 84 23 00-0416	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	63.17	16.85
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0417	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	67.26	16.85
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0418	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	63.17	16.85
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0419	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	67.26	16.85
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0420	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	67.26	16.85
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0421	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	54.90	14.74
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0422	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	58.82	14.74
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0423	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	54.90	14.74
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0424	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	58.82	14.74
		For Root Watering Sand Sock, Add	*0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0425	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	38.79	12.63
		For Root Watering Sand Sock, Add	*0.76*	
32 84 23 00-0426	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	42.53	12.63
		For Root Watering Sand Sock, Add	*0.76*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001 Mulch *(32 91 13 16)*

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles.

32 91 13 16-0002	CY	Pea Gravel Mulch	107.81
		For >5 To 20, Deduct	*-8.08*
		For >20 To 50, Deduct	*-12.12*
		For >50, Deduct	*-17.51*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0003	CY	Stone/Gravel Mulch, Marble Chips	192.66
		For >5 To 20, Deduct	*-12.32*
		For >20 To 50, Deduct	*-18.48*
		For >50, Deduct	*-28.11*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite Chips	95.27
		For >5 To 20, Deduct	*-7.45*
		For >20 To 50, Deduct	*-11.18*
		For >50, Deduct	*-15.94*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	91.26
		For >5 To 20, Deduct	*-7.25*
		For >20 To 50, Deduct	*-10.88*
		For >50, Deduct	*-15.44*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0006	CY	Hardwood Bark Nugget Mulch	89.76
		For >5 To 20, Deduct	*-7.18*
		For >20 To 50, Deduct	*-10.76*
		For >50, Deduct	*-15.25*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0007	CY	Pine Wood Chip Mulch	86.76
		For >5 To 20, Deduct	*-7.03*
		For >20 To 50, Deduct	*-10.54*
		For >50, Deduct	*-14.88*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0008	CY	Hardwood Chip Mulch	92.76
		For >5 To 20, Deduct	*-7.33*
		For >20 To 50, Deduct	*-10.99*
		For >50, Deduct	*-15.63*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0009	CY	Shredded Hardwood Mulch	92.76
		For >5 To 20, Deduct	*-7.33*
		For >20 To 50, Deduct	*-10.99*
		For >50, Deduct	*-15.63*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0010	CY	Shredded Pine Mulch	79.26
		For >5 To 20, Deduct	*-6.65*
		For >20 To 50, Deduct	*-9.98*
		For >50, Deduct	*-13.94*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0011	CY	Shredded Cedar Mulch	108.51
		For >5 To 20, Deduct	*-8.11*
		For >20 To 50, Deduct	*-12.17*
		For >50, Deduct	*-17.60*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0012	CY	Shredded Cypress Mulch	106.26
		For >5 To 20, Deduct	*-8.00*
		For >20 To 50, Deduct	*-12.00*
		For >50, Deduct	*-17.31*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0013	CY	Shredded Redwood Mulch	112.26
		For >5 To 20, Deduct	*-8.30*
		For >20 To 50, Deduct	*-12.45*
		For >50, Deduct	*-18.06*
		For Work On Slopes >2.5:1, Add	*10.75*
32 91 13 16-0014	CY	Chunk Recycled Tire Mulch	173.70
		For >5 To 20, Deduct	*-12.12*
		For >20 To 50, Deduct	*-18.18*
		For >50, Deduct	*-26.87*
		For Work On Slopes >2.5:1, Add	*13.74*
32 91 13 16-0015	CY	Chunk Colored Recycled Tire Mulch	277.20
		For >5 To 20, Deduct	*-17.30*
		For >20 To 50, Deduct	*-25.94*
		For >50, Deduct	*-39.80*
		For Work On Slopes >2.5:1, Add	*13.74*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0016	CY	Shredded Recycled Tire Mulch	278.70	
		For >5 To 20, Deduct	*-17.37*	
		For >20 To 50, Deduct	*-26.06*	
		For >50, Deduct	*-39.99*	
		For Work On Slopes >2.5:1, Add	*13.74*	
32 91 13 16-0017	CY	Shredded Colored Recycled Tire Mulch	485.70	
		For >5 To 20, Deduct	*-27.72*	
		For >20 To 50, Deduct	*-41.58*	
		For >50, Deduct	*-65.87*	
		For Work On Slopes >2.5:1, Add	*13.74*	
32 91 13 16-0018	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	8.25	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-0.98*	
		For Work On Slopes >2.5:1, Add	*0.60*	
32 91 13 16-0019	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	8.41	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.95*	
		For Work On Slopes >2.5:1, Add	*0.45*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Prepare And Mix Plant Bed, Up To 8" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	0.85	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0003	SF	Prepare And Mix Plant Bed, 9" To 13" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	0.97	
		For Work On Slopes >2.5:1, Add	*0.19*	
32 91 13 26-0004	SF	Prepare And Mix Plant Bed, 14" To 18" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.14	
		For Work On Slopes >2.5:1, Add	*0.23*	
32 91 13 26-0005	SF	Prepare And Mix Plant Bed By Hand, Up To 8" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	3.93	
		For Work On Slopes >2.5:1, Add	*0.79*	
32 91 13 26-0006	SF	Prepare And Mix Plant Bed By Hand, 9" To 13" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	4.52	
		For Work On Slopes >2.5:1, Add	*0.90*	
32 91 13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	5.32	
		For Work On Slopes >2.5:1, Add	*1.06*	

32 91 13 26-0008 Planting Pit Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	68.04	
		For Work On Slopes >2.5:1, Add	*13.61*	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	136.08	
		For Work On Slopes >2.5:1, Add	*27.22*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	10.18	
		For Work On Slopes >2.5:1, Add	*2.04*	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	13.25	
		For Work On Slopes >2.5:1, Add	*2.65*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	60.46	
		For Work On Slopes >2.5:1, Add	*12.09*	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	92.13	
		For Work On Slopes >2.5:1, Add	*10.87*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	5.72	
		For Work On Slopes >2.5:1, Add	*1.14*	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	51.50	
		For Work On Slopes >2.5:1, Add	*2.74*	

32 91 13 26-0017 Weed Barrier *(32 91 13 26)*

32 91 13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	1.39	
		For Work On Slopes >2.5:1, Add	*0.11*	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	1.83	
		For Work On Slopes >2.5:1, Add	*0.11*	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	2.03	
		For Work On Slopes >2.5:1, Add	*0.11*	

32 91 13 33 Soil Conditioners *(32 91 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 33-0001		Spread Soil Conditioners *(32 91 13 33)*		
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.35	
32 91 13 33-0003	MSF	Aluminum Sulfate 1 LB/SY, Tractor Spreader	33.68	
32 91 13 33-0004	SY	Fertilizer, 0.2 LB/SY, Push Spreader	0.05	
32 91 13 33-0005	MSF	Fertilizer, 0.2 LB/SY, Tractor Spread	2.37	
32 91 13 33-0006	MSF	Fertilizer, 18.36 LB/MSF, Truck Spread	3.89	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.08	
32 91 13 33-0008	MSF	Pelletized Lime, 1 LB/SY, Tractor Spreader	6.27	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	3.08	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	319.69	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	2.86	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	312.28	
32 91 13 36		**Lawn Bed Preparation** *(32 91 13)*		
32 91 13 36-0001		Lawn Bed Preparation *(32 91 13 36)*		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	64.27	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	54.43	
32 91 13 36-0004	MSF	Screen Loam By Hand	36.28	
32 91 13 36-0005	SY	Roll Topsoil With Machine	0.81	
32 91 13 36-0006	SY	Roll Topsoil By Hand	2.43	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	7.60	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	24.12	
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	39.77	
		For >45 to 225, Deduct	*-27.84*	
		For >225, Deduct	*-35.79*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	66.29	
		For >45 to 225, Deduct	*-46.40*	
		For >225, Deduct	*-59.66*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	3.53	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	7.14	
		For Work On Slopes >2.5:1, Add	*1.43*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.58	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.70	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	0.87	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	0.96	
32 91 13 36-0017		Sod Removal *(32 91 13 36)*		
32 91 13 36-0018	SY	Removal Of Sod By Hand	4.58	
		For Work On Slopes >2.5:1, Add	*0.92*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.48	
		For Work On Slopes >2.5:1, Add	*0.10*	
32 91 13 36-0020	SY	Pile Sod By Hand	2.72	
		For Work On Slopes >2.5:1, Add	*0.54*	
32 91 13 36-0021	SY	Pile Sod With Machine	0.89	
		For Work On Slopes >2.5:1, Add	*0.18*	
32 91 19		**Landscape Grading** *(32 91)*		
32 91 19 13		**Topsoil Placement And Grading** *(32 91 19)*		
32 91 19 13-0001		Remove And Stockpile Topsoil On Site *(32 91 19 13)*		
32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	3.59	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	3.55	
32 91 19 13-0004		Screening Topsoil *(32 91 19 13)*		
32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	7.99	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	5.32	
32 91 19 13-0007		Spreading Topsoil From Stockpile *(32 91 19 13)*		
32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	6.03	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	51.93	
32 91 19 13-0010		Furnish And Place Imported Screened Topsoil *(32 91 19 13)* Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0037 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.		
32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	2.94	
		For Unscreened, Deduct	*-0.40*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	5.67	
		For Unscreened, Deduct	*-0.79*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	8.20	
		For Unscreened, Deduct	*-1.19*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	11.86	
		For Unscreened, Deduct	*-1.78*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	15.53	
		For Unscreened, Deduct	*-2.38*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	42.92	
		For Unscreened, Deduct	*-7.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 91 19 16 Scarify Soil *(32 91 19)*

32 91 19 16-0001 Scarify Soil For Planting Preparation *(32 91 19 16)*
Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 16-0002	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	47.63	
32 91 19 16-0003	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	33.34	
32 91 19 16-0004	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	19.52	

32 92 Turf And Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*
Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	187.99	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	36.45	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	30.29	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	143.88	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	28.00	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	22.56	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	119.08	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	18.42	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	14.23	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*
Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*
Note: Excludes straw.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	36.24	
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	34.56	
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	35.49	
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	40.22	
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	43.62	
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	39.09	
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	33.44	
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	22.77	
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	107.07	
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	57.22	
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	22.66	
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	27.19	

32 92 19 13-0014 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0015	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	73.29	
		For Spot Areas Up To 1, Add	*73.61*	
		For >1 To 4, Add	*46.87*	
		For >4 To 7.5, Add	*31.49*	
		For >7.5 To 10, Add	*15.75*	
		For >45, Deduct	*-5.68*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0016	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	78.32	
		For Spot Areas Up To 1, Add	*75.63*	
		For >1 To 4, Add	*47.88*	
		For >4 To 7.5, Add	*31.99*	
		For >7.5 To 10, Add	*16.00*	
		For >45, Deduct	*-5.93*	
		For Tackifier, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0017	MSF	Rye, Hydro Or Air Spread	73.50	
		Note: 10 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*73.70*	
		For >1 To 4, Add	*46.92*	
		For >4 To 7.5, Add	*31.51*	
		For >7.5 To 10, Add	*15.76*	
		For >45, Deduct	*-5.69*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0018	MSF	Shade Mix, Hydro Or Air Seeding	73.29	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For Spot Areas Up To 1, Add	*73.61*	
		For >1 To 4, Add	*46.87*	
		For >4 To 7.5, Add	*31.49*	
		For >7.5 To 10, Add	*15.75*	
		For >45, Deduct	*-5.68*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0019	MSF	Turf Mix, Hydro Or Air Seeding	78.32	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For Spot Areas Up To 1, Add	*75.63*	
		For >1 To 4, Add	*47.88*	
		For >4 To 7.5, Add	*31.99*	
		For >7.5 To 10, Add	*16.00*	
		For >45, Deduct	*-5.93*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0020	MSF	Slope Mix, Hydro Or Air Seeding	76.16	
		Note: 6 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*74.76*	
		For >1 To 4, Add	*47.45*	
		For >4 To 7.5, Add	*31.78*	
		For >7.5 To 10, Add	*15.89*	
		For >45, Deduct	*-5.82*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0021	MSF	Utility Mix, Hydro Or Air Seeding	74.43	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*74.07*	
		For >1 To 4, Add	*47.10*	
		For >4 To 7.5, Add	*31.61*	
		For >7.5 To 10, Add	*15.80*	
		For >45, Deduct	*-5.74*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0022	MSF	Wild Flower Mix, Hydro Or Air Seeding	68.83	
		Note: 0.10 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*71.83*	
		For >1 To 4, Add	*45.98*	
		For >4 To 7.5, Add	*31.05*	
		For >7.5 To 10, Add	*15.52*	
		For >45, Deduct	*-5.46*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0023	MSF	Crown Vetch Mix, Hydro Or Air Seeding	119.24	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*91.99*	
		For >1 To 4, Add	*56.06*	
		For >4 To 7.5, Add	*36.09*	
		For >7.5 To 10, Add	*18.04*	
		For >45, Deduct	*-7.98*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0024	MSF	Athletic Mix, Hydro Or Air Seeding	103.46	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For Spot Areas Up To 1, Add	*85.68*	
		For >1 To 4, Add	*52.91*	
		For >4 To 7.5, Add	*34.51*	
		For >7.5 To 10, Add	*17.25*	
		For >45, Deduct	*-7.19*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0025	MSF	White Clover Mix, Hydro Or Air Seeding	62.02	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*69.11*	
		For >1 To 4, Add	*44.62*	
		For >4 To 7.5, Add	*30.36*	
		For >7.5 To 10, Add	*15.18*	
		For >45, Deduct	*-5.11*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0026	MSF	Ladino Clover Mix, Hydro Or Air Seeding	70.42	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*72.47*	
		For >1 To 4, Add	*46.30*	
		For >4 To 7.5, Add	*31.20*	
		For >7.5 To 10, Add	*15.60*	
		For >45, Deduct	*-5.53*	
		For Tackifier, Add	*0.74*	
32 92 19 13-0027	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	74.73	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*74.19*	
		For >1 To 4, Add	*47.16*	
		For >4 To 7.5, Add	*31.64*	
		For >7.5 To 10, Add	*15.82*	
		For >45, Deduct	*-5.75*	
		For Tackifier, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0028	MSF	2,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	71.32	
		For >45, Deduct	*-4.57*	
32 92 19 13-0029	MSF	3,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	82.57	
		For >45, Deduct	*-5.19*	
32 92 19 13-0030	MSF	3,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	93.87	
		For >45, Deduct	*-5.80*	
32 92 19 13-0031	MSF	4,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	105.21	
		For >45, Deduct	*-6.43*	
32 92 19 13-0032	MSF	4,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	116.61	
		For >45, Deduct	*-7.05*	

32 92 19 19 Seeding By Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	87.84	
		For >5 To 20, Deduct	*-6.09*	
		For >20 To 45, Deduct	*-11.69*	
		For >45, Deduct	*-18.99*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand Note: 5.5 LB/MSF spread rate.	86.16	
		For >5 To 20, Deduct	*-6.01*	
		For >20 To 45, Deduct	*-11.56*	
		For >45, Deduct	*-18.82*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	87.09	
		For >5 To 20, Deduct	*-6.06*	
		For >20 To 45, Deduct	*-11.63*	
		For >45, Deduct	*-18.91*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	91.82	
		For >5 To 20, Deduct	*-6.29*	
		For >20 To 45, Deduct	*-11.99*	
		For >45, Deduct	*-19.39*	
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	95.22	
		For >5 To 20, Deduct	*-6.46*	
		For >20 To 45, Deduct	*-12.24*	
		For >45, Deduct	*-19.73*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate.	90.69	
		For >5 To 20, Deduct	*-6.24*	
		For >20 To 45, Deduct	*-11.90*	
		For >45, Deduct	*-19.27*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	85.04	
		For >5 To 20, Deduct	*-5.95*	
		For >20 To 45, Deduct	*-11.48*	
		For >45, Deduct	*-18.71*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand Note: 0.10 LB/MSF spread rate.	74.37	
		For >5 To 20, Deduct	*-5.42*	
		For >20 To 45, Deduct	*-10.68*	
		For >45, Deduct	*-17.64*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	158.67	
		For >5 To 20, Deduct	*-9.63*	
		For >20 To 45, Deduct	*-17.00*	
		For >45, Deduct	*-26.07*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	108.82	
		For >5 To 20, Deduct	*-7.14*	
		For >20 To 45, Deduct	*-13.26*	
		For >45, Deduct	*-21.09*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	74.26	
		For >5 To 20, Deduct	*-5.41*	
		For >20 To 45, Deduct	*-10.67*	
		For >45, Deduct	*-17.63*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand Note: 7 LB/MSF spread rate.	78.79	
		For >5 To 20, Deduct	*-5.64*	
		For >20 To 45, Deduct	*-11.01*	
		For >45, Deduct	*-18.08*	
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	89.21	
		For >5 To 20, Deduct	*-6.16*	
		For >20 To 45, Deduct	*-11.79*	
		For >45, Deduct	*-19.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand. Note: 3.3 LB/MSF spread rate.	85.26	
		For >5 To 20, Deduct	*-5.96*	
		For >20 To 45, Deduct	*-11.50*	
		For >45, Deduct	*-18.73*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand. Note: 3.3 LB/MSF spread rate.	82.39	
		For >5 To 20, Deduct	*-5.82*	
		For >20 To 45, Deduct	*-11.28*	
		For >45, Deduct	*-18.44*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand. Note: 4.4 LB/MSF spread rate.	88.13	
		For >5 To 20, Deduct	*-6.11*	
		For >20 To 45, Deduct	*-11.71*	
		For >45, Deduct	*-19.02*	
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand. Note: 3.3 LB/MSF spread rate.	83.82	
		For >5 To 20, Deduct	*-5.89*	
		For >20 To 45, Deduct	*-11.39*	
		For >45, Deduct	*-18.59*	
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand. Note: 3.3 LB/MSF spread rate.	95.22	
		For >5 To 20, Deduct	*-6.46*	
		For >20 To 45, Deduct	*-12.24*	
		For >45, Deduct	*-19.73*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering.

32 92 23 00-0001 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,541.26	
		For Hybrid Fescue "Marathon", Add	*200.95*	
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	2,007.24	
		For Hybrid Fescue "Marathon", Add	*150.87*	
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,685.63	
		For Hybrid Fescue "Marathon", Add	*125.83*	
32 92 23 00-0005	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,406.74	
		For Hybrid Fescue "Marathon", Add	*100.79*	
32 92 23 00-0006	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,807.14	
		For Hybrid Fescue "Marathon", Add	*200.95*	
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,233.84	
		For Hybrid Fescue "Marathon", Add	*150.87*	
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,841.96	
		For Hybrid Fescue "Marathon", Add	*125.83*	
32 92 23 00-0009	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,539.68	
		For Hybrid Fescue "Marathon", Add	*100.79*	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only.

32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

32 93 13 00-0002	EA	1 Gallon Cortaderia selloana - Pampas Grass	7.04
32 93 13 00-0003	EA	2 Gallon Cortaderia selloana - Pampas Grass	8.58
32 93 13 00-0004	EA	3 Gallon Cortaderia selloana - Pampas Grass	10.12
32 93 13 00-0005	EA	10 Gallon Cortaderia selloana - Pampas Grass	38.87
32 93 13 00-0006	EA	1 Quart Imperata cylindrica - Japanese Blood Grass	4.33
32 93 13 00-0007	EA	1 Gallon Imperata cylindrica - Japanese Blood Grass	6.23
32 93 13 00-0008	EA	2 Gallon Imperata cylindrica - Japanese Blood Grass	8.58
32 93 13 00-0009	EA	1 Quart Koeleria glauca - Blue Hair Grass	3.08
32 93 13 00-0010	EA	1 Gallon Koeleria glauca - Blue Hair Grass	5.50
32 93 13 00-0011	EA	3 Gallon Koeleria glauca - Blue Hair Grass	10.12
32 93 13 00-0012	EA	1 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	8.58
32 93 13 00-0013	EA	3 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	14.81
32 93 13 00-0014	EA	5 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass	19.51
32 93 13 00-0015	EA	1 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	8.58
32 93 13 00-0016	EA	3 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	14.81
32 93 13 00-0017	EA	5 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass	19.51
32 93 13 00-0018	EA	1 Quart Pennisetum setaceum - Fountain Grass	3.45
32 93 13 00-0019	EA	1 Gallon Pennisetum setaceum - Fountain Grass	5.50
32 93 13 00-0020	EA	3 Gallon Pennisetum setaceum - Fountain Grass	10.12
32 93 13 00-0021	EA	1 Gallon Saccharum ravennae - Ravenna Grass	7.04
32 93 13 00-0022	EA	3 Gallon Saccharum ravennae - Ravenna Grass	10.12
32 93 13 00-0023	EA	7 Gallon Saccharum ravennae - Ravenna Grass	19.51
32 93 13 00-0024	EA	1 Gallon Spartina pectinata - Variegated Cord Grass	6.23
32 93 13 00-0025	EA	2 Gallon Spartina pectinata - Variegated Cord Grass	10.12
32 93 13 00-0026	EA	1 Quart Stipa gigantea - Giant Feather Grass	7.77
32 93 13 00-0027	EA	1 Gallon Stipa gigantea - Giant Feather Grass	11.73

32 93 13 00-0028 Ground Covers *(32 93 13)*

32 93 13 00-0029	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	5.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0030	EA	3" Pot Ajuga reptans - Carpet Bugle	1.32	
32 93 13 00-0031	EA	1 Quart Ajuga reptans - Carpet Bugle	2.20	
32 93 13 00-0032	EA	1 Gallon Ajuga reptans - Carpet Bugle	5.28	
32 93 13 00-0033	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	22.73	
32 93 13 00-0034	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	18.33	
32 93 13 00-0035	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	33.59	
32 93 13 00-0036	EA	1 Quart Arundo donax - Giant Reed	7.04	
32 93 13 00-0037	EA	1 Gallon Arundo donax - Giant Reed	10.12	
32 93 13 00-0038	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush	2.20	
32 93 13 00-0039	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	3.81	
32 93 13 00-0040	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	7.69	
32 93 13 00-0041	EA	1 Gallon Campsis radicans - Trumpet Creeper	8.07	
32 93 13 00-0042	EA	2 Gallon Campsis radicans - Trumpet Creeper	12.17	
32 93 13 00-0043	EA	5 Gallon Campsis radicans - Trumpet Creeper	29.33	
32 93 13 00-0044	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	7.77	
32 93 13 00-0045	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	10.12	
32 93 13 00-0046	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	3.96	
32 93 13 00-0047	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	5.50	
32 93 13 00-0048	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	8.58	
32 93 13 00-0049	EA	1 Gallon Cissus antarctica - Kangaroo Vine	4.25	
32 93 13 00-0050	EA	5 Gallon Cissus antarctica - Kangaroo Vine	13.35	
32 93 13 00-0051	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	4.25	
32 93 13 00-0052	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	14.52	
32 93 13 00-0053	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	4.25	
32 93 13 00-0054	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	15.25	
32 93 13 00-0055	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	3.67	
32 93 13 00-0056	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	13.35	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	7.19	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	13.64	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	24.05	
32 93 13 00-0060	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	4.55	
32 93 13 00-0061	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	15.99	
32 93 13 00-0062	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	5.24	
32 93 13 00-0063	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	13.57	
32 93 13 00-0064	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	22.73	
32 93 13 00-0065	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	5.72	
32 93 13 00-0066	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	11.44	
32 93 13 00-0067	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	3.08	
32 93 13 00-0068	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	5.50	
32 93 13 00-0069	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	8.58	
32 93 13 00-0070	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	4.55	
32 93 13 00-0071	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	14.96	
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	5.28	
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	19.07	
32 93 13 00-0074	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	7.77	
32 93 13 00-0075	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	11.73	
32 93 13 00-0076	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	5.28	
32 93 13 00-0077	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	17.60	
32 93 13 00-0078	EA	2" To 3" Pot Hedera helix - English Ivy	1.32	
32 93 13 00-0079	EA	12" To 15" Runners Hedera helix - English Ivy	2.20	
32 93 13 00-0080	EA	1 Gallon Hedera helix - English Ivy	5.28	
32 93 13 00-0081	EA	50 Plant Flat Hedera helix - English Ivy	30.51	
32 93 13 00-0082	EA	3 Gallon Hibiscus, Assorted Colors	6.88	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	9.53	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	17.89	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	29.33	
32 93 13 00-0086	EA	1 Gallon Hymenocallis latifolia - Spider Lily	3.41	
32 93 13 00-0087	EA	3 Gallon Hymenocallis latifolia - Spider Lily	9.10	
32 93 13 00-0088	EA	1 Quart Hypericum perforatum - St. John's Wort	2.20	
32 93 13 00-0089	EA	1 Gallon Hypericum perforatum - St. John's Wort	5.28	
32 93 13 00-0090	EA	5 Gallon Hypericum perforatum - St. John's Wort	13.64	
32 93 13 00-0091	EA	1 Quart Iberis sempervirens - Candytuft	2.20	
32 93 13 00-0092	EA	1 Gallon Iberis sempervirens - Candytuft	5.28	
32 93 13 00-0093	EA	1 Gallon Ilex cornuta - Dwarf Holly	3.98	
32 93 13 00-0094	EA	3 Gallon Ilex cornuta - Dwarf Holly	8.54	
32 93 13 00-0095	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	5.28	
32 93 13 00-0096	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	10.56	
32 93 13 00-0097	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	18.33	
32 93 13 00-0098	EA	1 Gallon Jasminum volubile - Wax Jasmine	2.77	
32 93 13 00-0099	EA	1 Gallon Jasminum volubile - Wax Jasmine	6.88	
32 93 13 00-0100	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	3.45	
32 93 13 00-0101	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	7.69	
32 93 13 00-0102	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	12.81	
32 93 13 00-0103	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	5.97	
32 93 13 00-0104	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	6.01	
32 93 13 00-0105	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	12.91	
32 93 13 00-0106	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	19.07	
32 93 13 00-0107	EA	1 Gallon Lantana spp. Various Colors	3.11	
32 93 13 00-0108	EA	4" Pot Lantana camera - Common Lantana	1.32	
32 93 13 00-0109	EA	1 Gallon Lantana camera - Common Lantana	3.81	
32 93 13 00-0110	EA	1 Gallon Lantana sellowiana - Trailing Lantana	2.05	
32 93 13 00-0111	EA	4" Pot Lavandula angustifolia - English Lavender	1.91	
32 93 13 00-0112	EA	1 Quart Lavandula angustifolia - English Lavender	3.67	
32 93 13 00-0113	EA	1 Gallon Lavandula angustifolia - English Lavender	6.01	
32 93 13 00-0114	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0115	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.93	
32 93 13 00-0116	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	6.28	
32 93 13 00-0117	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	2.46	
32 93 13 00-0118	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	6.01	
32 93 13 00-0119	EA	2 Quart Liriope spicata - Creeping Lilytuft	3.81	
32 93 13 00-0120	EA	1 Gallon Liriope spicata - Creeping Lilytuft	6.89	
32 93 13 00-0121	EA	5 Gallon Liriope spicata - Creeping Lilytuft	14.52	
32 93 13 00-0122	EA	Bare Root Liriope spicata - Creeping Liriope	0.96	
32 93 13 00-0123	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	6.01	
32 93 13 00-0124	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	11.44	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	1.32	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	6.01	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	11.44	
32 93 13 00-0128	EA	2 Quart Lysimachia nummularia - Creeping Jenny	2.20	
32 93 13 00-0129	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	4.25	
32 93 13 00-0130	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	5.28	
32 93 13 00-0131	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	22.88	
32 93 13 00-0132	EA	1 Quart Moss Phlox, Creeping Phlox	2.20	
32 93 13 00-0133	EA	1 Gallon Moss Phlox, Creeping Phlox	5.28	
32 93 13 00-0134	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	2.77	
32 93 13 00-0135	EA	1 Quart Nepeta mussinii - Persian Catmint	2.20	
32 93 13 00-0136	EA	1 Gallon Nepeta mussinii - Persian Catmint	4.55	
32 93 13 00-0137	EA	4" Pot Ophiopogon Japonicus - Mondo grass	1.32	
32 93 13 00-0138	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	5.28	
32 93 13 00-0139	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	12.17	
32 93 13 00-0140	EA	2' To 3' High Oregon Holly-Grape	6.09	
32 93 13 00-0141	EA	1 Gallon Pachysandra terminalis - Pachysandra	7.94	
32 93 13 00-0142	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	3.67	
32 93 13 00-0143	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	8.36	
32 93 13 00-0144	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	22.88	
32 93 13 00-0145	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	1.32	
32 93 13 00-0146	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	6.89	
32 93 13 00-0147	EA	1 Gallon Ranunculaceae - Clematis Varieties	7.58	
32 93 13 00-0148	EA	2 Gallon Ranunculaceae - Clematis Varieties	14.02	
32 93 13 00-0149	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	8.54	
32 93 13 00-0150	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	1.32	
32 93 13 00-0151	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	5.28	
32 93 13 00-0152	EA	2-1/4" Pot Securigera varia - Crown Vetch	0.88	
32 93 13 00-0153	EA	50 Plant Flat Securigera varia - Crown Vetch	29.77	
32 93 13 00-0154	EA	1 Quart Senecio cineraria - Dusty Miller	2.20	
32 93 13 00-0155	EA	1 Gallon Senecio cineraria - Dusty Miller	5.28	
32 93 13 00-0156	EA	1 Quart Stachys byzantina - Lamb's Ear	2.20	
32 93 13 00-0157	EA	1 Quart Stachys byzantina - Lamb's Ear	5.28	
32 93 13 00-0158	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	2.85	
32 93 13 00-0159	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	2.77	
32 93 13 00-0160	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	18.56	
32 93 13 00-0161	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	2.79	
32 93 13 00-0162	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	4.25	
32 93 13 00-0163	EA	2-1/4" Pot Vinca minor - Periwinkle	0.73	
32 93 13 00-0164	EA	4" Pot Vinca minor - Periwinkle	2.20	
32 93 13 00-0165	EA	Bare Root Vinca minor - Periwinkle	0.73	
32 93 13 00-0166	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	26.14	
32 93 13 00-0167	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	0.73	
32 93 13 00-0168	EA	4" Pot Vinca major - Variegated Greater Periwinkle	2.20	
32 93 13 00-0169	EA	Bare Root Vinca major - Variegated Greater Periwinkle	0.73	
32 93 13 00-0170	EA	1 Quart Waldsteinia ternata - Barren Strawberry	2.20	
32 93 13 00-0171	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	5.28	
32 93 13 00-0172	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	6.89	
32 93 13 00-0173	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	15.25	
32 93 13 00-0174	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	22.88	
32 93 13 00-0175	EA	Flat Hedera canariensis - Algerian Ivy	12.85	
32 93 13 00-0176	EA	2-1/2" Pot Hedera canariensis - Algerian Ivy	3.39	
32 93 13 00-0177	EA	Flat Gazania 'Copper King'	10.54	
32 93 13 00-0178	EA	1 Gallon Gazania 'Copper King'	3.60	
32 93 13 00-0179	EA	Flat Myoporum parvifolium - Myoporum	12.85	
32 93 13 00-0180	EA	1 Gallon Myoporum parvifolium - Myoporum	3.60	
32 93 13 00-0181	EA	5 Gallon Myoporum parvifolium - Myoporum	10.28	
32 93 13 00-0182	EA	1 Gallon Lantana montevidensis - Purple Lantana	3.60	
32 93 13 00-0183	EA	5 Gallon Lantana montevidensis - Purple Lantana	10.28	
32 93 13 00-0184	EA	Flat Carpobrotus - Ice Plant	9.77	
32 93 13 00-0185	EA	1 Gallon Carpobrotus - Ice Plant	4.11	

32 93 23 Plants And Bulbs *(32 93)*

Note: Materials only.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	4.25	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	6.01	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	9.97	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	2.20	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	5.50	
32 93 23 00-0007	EA	1 Quart Balloon Flower	2.20	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	5.50	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	2.20	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	5.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	7.11	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	2.20	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	5.50	
32 93 23 00-0014	EA	1 Quart Blank Flower	2.20	
32 93 23 00-0015	EA	1 Gallon Blank Flower	5.06	
32 93 23 00-0016	EA	2 Gallon Blank Flower	7.11	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	2.20	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	5.50	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	3.74	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	6.31	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	2.20	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	5.50	
32 93 23 00-0023	EA	1 Quart Blue Star	3.96	
32 93 23 00-0024	EA	1 Gallon Blue Star	6.31	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	2.20	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	5.50	
32 93 23 00-0027	EA	4" Pot Columbine	1.32	
32 93 23 00-0028	EA	1 Quart Columbine	2.20	
32 93 23 00-0029	EA	1 Gallon Columbine	5.50	
32 93 23 00-0030	EA	1 Quart Common Globeflower	2.20	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	5.50	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	2.20	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	5.50	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	7.92	
32 93 23 00-0035	EA	1 Quart Diploid	2.79	
32 93 23 00-0036	EA	1 Gallon Diploid	6.31	
32 93 23 00-0037	EA	3 Gallon Diploid	10.85	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	3.14	
32 93 23 00-0039	EA	1 Quart Evans Begonia	3.96	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	7.11	
32 93 23 00-0041	EA	1 Quart False Dragonhead	2.20	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	5.50	
32 93 23 00-0043	EA	1 Quart False Spirea	2.20	
32 93 23 00-0044	EA	1 Gallon False Spirea	7.11	
32 93 23 00-0045	EA	3 Gallon False Spirea	9.83	
32 93 23 00-0046	EA	2 Quart False Sunflower	3.52	
32 93 23 00-0047	EA	1 Gallon False Sunflower	5.50	
32 93 23 00-0048	EA	2 Gallon False Sunflower	7.11	
32 93 23 00-0049	EA	1 Gallon Foxglove	5.06	
32 93 23 00-0050	EA	2 Gallon Foxglove	7.11	
32 93 23 00-0051	EA	3 Gallon Foxglove	10.27	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	8.91	
32 93 23 00-0053	EA	1 Quart Garden Phlox	2.20	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	5.50	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	4.69	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	9.46	
32 93 23 00-0057	EA	1 Quart Golden Star	2.20	
32 93 23 00-0058	EA	1 Gallon Golden Star	5.50	
32 93 23 00-0059	EA	1 Quart Goldenrod	2.20	
32 93 23 00-0060	EA	1 Gallon Goldenrod	5.50	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	10.24	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	1.32	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	2.20	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	5.50	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	1.91	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	3.15	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	5.06	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	7.85	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	12.54	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	16.50	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	1.32	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	3.96	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	7.11	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	0.78	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	1.17	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	5.05	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	3.15	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	6.31	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	26.14	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	4.33	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	8.21	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	8.33	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	1.32	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	2.20	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	5.50	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	2.20	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	5.50	
32 93 23 00-0088	EA	2 Quart Plantain Lily	4.25	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	6.01	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	9.97	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	18.85	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	3.96	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	5.50	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	7.11	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	2.20	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	5.50	
32 93 23 00-0097	EA	1 Quart Rose Mallow	4.33	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	7.85	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	13.42	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	8.39	
32 93 23 00-0101	EA	1 Quart Siberian Iris	3.74	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	7.11	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	9.83	
32 93 23 00-0104	EA	1 Quart Speedwell	2.20	
32 93 23 00-0105	EA	1 Gallon Speedwell	5.50	
32 93 23 00-0106	EA	1 Quart Tetraploid	5.50	
32 93 23 00-0107	EA	1 Gallon Tetraploid	10.27	
32 93 23 00-0108	EA	3 Gallon Tetraploid	14.01	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	2.20	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	5.50	
32 93 23 00-0111	EA	1 Quart Torch Lily	2.20	
32 93 23 00-0112	EA	1 Quart Bluebeard	3.96	
32 93 23 00-0113	EA	1 Gallon Bluebeard	5.87	
32 93 23 00-0114	EA	2 Gallon Bluebeard	8.58	
32 93 23 00-0115		**Annuals** *(32 93 23)*		
32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	1.02	
32 93 23 00-0117	EA	3" Pot Annual Flowers	1.38	
32 93 23 00-0118	EA	4" Pot Annual Flowers	2.95	
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	3.92	
32 93 23 00-0120	EA	6" Pot Annual Flowers	7.77	
32 93 23 00-0121	EA	8" Pot Annual Flowers	12.95	
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	16.96	
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	19.23	
32 93 23 00-0124		**Bulbs** *(32 93 23)*		
32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	3.55	
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.20	
32 93 23 00-0127	EA	Top Size Crocus Hybrid	0.23	
32 93 23 00-0128	EA	Top Size Eranthis hyemalis - Winter Aconite	0.30	
32 93 23 00-0129	EA	Top Size Galanthus nivalis - Snowdrops	0.38	
32 93 23 00-0130	EA	Top Size Iris reticulata cvs - Dutch Iris	0.15	
32 93 23 00-0131	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.18	
32 93 23 00-0132	EA	Top Size Muscari latifolium - Grape Hyacinth	0.20	
32 93 23 00-0133	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	1.23	
32 93 23 00-0134	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	0.59	
32 93 23 00-0135	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	0.61	
32 93 23 00-0136	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	0.61	
32 93 23 00-0137	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	0.64	
32 93 23 00-0138	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	0.68	
32 93 23 00-0139	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	0.64	
32 93 23 00-0140	EA	Narcissus 'Salome' - Salome Daffodil DNI	0.60	
32 93 23 00-0141	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	0.64	
32 93 23 00-0142	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	0.64	
32 93 23 00-0143	EA	Top Size Scilla siberica - Siberian Squill	0.19	
32 93 23 00-0144	EA	Top Size Tulip 'Angelique' - Angelique Tulip	0.55	
32 93 23 00-0145	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	0.41	
32 93 23 00-0146	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	0.55	
32 93 23 00-0147	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	0.48	
32 93 23 00-0148	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	0.68	
32 93 23 00-0149	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	0.52	
32 93 23 00-0150	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	0.45	
32 93 23 00-0151	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	0.51	
32 93 23 00-0152	EA	Top Size Tulip clusiana - Species Tulip	0.51	
32 93 23 00-0153	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	0.51	
32 93 23 00-0154	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	0.41	
32 93 23 00-0155	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	0.40	
32 93 23 00-0156	EA	Top Size Tulip 'Halcro' - Halcro Tulip	0.41	
32 93 23 00-0157	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	0.68	
32 93 23 00-0158	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	0.41	
32 93 23 00-0159	EA	Top Size Tulip 'Passionale' - Passionale Tulip	0.55	
32 93 23 00-0160	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	0.59	
32 93 23 00-0161	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	0.61	
32 93 23 00-0162	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	0.49	
32 93 23 00-0163	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	0.46	
32 93 23 00-0164	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	0.51	
32 93 23 00-0165	EA	Top Size Tulip 'Princeps' - Princeps Tulip	0.51	
32 93 23 00-0166	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	0.40	
32 93 23 00-0167	EA	Top Size Tulip saxatilis - Species Tulip	0.27	
32 93 23 00-0168	EA	Top Size Tulip 'Shirley - Shirley Tulip	0.41	
32 93 23 00-0169	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	0.53	
32 93 23 00-0170	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	0.41	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only.

32 93 33 00-0001 Shrubs *(32 93 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	3.30	
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	6.72	
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	12.90	
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	4.78	
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	11.82	
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	46.92	
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	85.85	
32 93 33 00-0009	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	125.47	
32 93 33 00-0010	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	139.99	
32 93 33 00-0011	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	176.97	
32 93 33 00-0012	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	196.78	
32 93 33 00-0013	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye	39.62	
32 93 33 00-0014	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye	52.83	
32 93 33 00-0015	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye	66.03	
32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	4.78	
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	11.82	
32 93 33 00-0018	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry	22.45	
32 93 33 00-0019	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry	26.41	
32 93 33 00-0020	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry	31.70	
32 93 33 00-0021	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry	36.98	
32 93 33 00-0022	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry	44.90	
32 93 33 00-0023	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry	21.79	
32 93 33 00-0024	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry	23.11	
32 93 33 00-0025	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry	24.43	
32 93 33 00-0026	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry	27.73	
32 93 33 00-0027	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry	22.12	
32 93 33 00-0028	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry	23.44	
32 93 33 00-0029	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry	24.76	
32 93 33 00-0030	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry	26.08	
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	4.54	
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	10.50	
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	5.32	
32 93 33 00-0034	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	11.71	
32 93 33 00-0035	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	15.82	
32 93 33 00-0036	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	4.78	
32 93 33 00-0037	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	11.82	
32 93 33 00-0038	EA	1 Gallon Baccharis pilularis "Twin Peaks' - Dwarf Coyote Brush	4.78	
32 93 33 00-0039	EA	5 Gallon Baccharis pilularis "Twin Peaks' - Dwarf Coyote Brush	11.82	
32 93 33 00-0040	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	5.68	
32 93 33 00-0041	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	8.30	
32 93 33 00-0042	EA	15" To 18" Berberis - Northern Bayberry	23.69	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis - Northern Bayberry	30.08	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis - Northern Bayberry	42.14	
32 93 33 00-0045	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	5.40	
32 93 33 00-0046	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	13.00	
32 93 33 00-0047	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	25.33	
32 93 33 00-0048	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	32.42	
32 93 33 00-0049	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	41.43	
32 93 33 00-0050	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	6.81	
32 93 33 00-0051	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.41	
32 93 33 00-0052	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	16.39	
32 93 33 00-0053	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	6.46	
32 93 33 00-0054	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	18.23	
32 93 33 00-0055	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	25.33	
32 93 33 00-0056	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	39.09	
32 93 33 00-0057	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	7.38	
32 93 33 00-0058	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	19.79	
32 93 33 00-0059	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	21.07	
32 93 33 00-0060	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	27.10	
32 93 33 00-0061	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	36.11	
32 93 33 00-0062	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	54.20	
32 93 33 00-0063	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	75.27	
32 93 33 00-0064	EA	12" To 15" Buxus sempervirens - Common Boxwood	21.07	
32 93 33 00-0065	EA	15" To 18" Buxus sempervirens - Common Boxwood	27.10	
32 93 33 00-0066	EA	18" To 24" Buxus sempervirens - Common Boxwood	36.11	
32 93 33 00-0067	EA	24" To 30" Buxus sempervirens - Common Boxwood	54.20	
32 93 33 00-0068	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	13.87	
32 93 33 00-0069	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	23.11	
32 93 33 00-0070	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	60.75	
32 93 33 00-0071	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood	33.02	
32 93 33 00-0072	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood	44.90	
32 93 33 00-0073	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	60.75	
32 93 33 00-0074	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	4.29	
32 93 33 00-0075	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	13.20	
32 93 33 00-0076	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	42.91	
32 93 33 00-0077	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	21.79	
32 93 33 00-0078	EA	30" B&B Calycanthus floridus - Common Sweetshrub	19.81	
32 93 33 00-0079	EA	36" B&B Calycanthus floridus - Common Sweetshrub	26.41	
32 93 33 00-0080	EA	1 Gallon Camellia "Sasanqua" - Camellia	5.32	
32 93 33 00-0081	EA	3 Gallon Camellia "Sasanqua" - Camellia	11.35	
32 93 33 00-0082	EA	5 Gallon Camellia "Sasanqua" - Camellia	18.87	
32 93 33 00-0083	EA	7 Gallon Camellia "Sasanqua" - Camellia	28.10	
32 93 33 00-0084	EA	15 Gallon Camellia "Sasanqua" - Camellia	72.90	
32 93 33 00-0085	EA	1 Gallon Camellia japonica - Camellia	5.32	
32 93 33 00-0086	EA	3 Gallon Camellia japonica - Camellia	11.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0087	EA	5 Gallon Camellia japonica - Camellia	18.87	
32 93 33 00-0088	EA	5 Gallon Ceanothus americanus - New Jersey Tea	21.79	
32 93 33 00-0089	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	5.40	
32 93 33 00-0090	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	14.03	
32 93 33 00-0091	EA	5 Gallon Celastrus scandens - Bittersweet	21.79	
32 93 33 00-0092	EA	36" B&B Celastrus scandens - Bittersweet	18.49	
32 93 33 00-0093	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	21.79	
32 93 33 00-0094	EA	24" B&B Cephalanthus occidentalis - Buttonbush	16.51	
32 93 33 00-0095	EA	30" B&B Cephalanthus occidentalis - Buttonbush	18.49	
32 93 33 00-0096	EA	36" B&B Cephalanthus occidentalis - Buttonbush	19.81	
32 93 33 00-0097	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	19.01	
32 93 33 00-0098	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	25.33	
32 93 33 00-0099	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	39.09	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	4.78	
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	11.82	
32 93 33 00-0102	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	21.13	
32 93 33 00-0103	EA	18" B&B Clethra alnifolia & cvs - Summersweet Clethra	22.78	
32 93 33 00-0104	EA	24" B&B Clethra alnifolia & cvs - Summersweet Clethra	25.42	
32 93 33 00-0105	EA	30" B&B Clethra alnifolia & cvs - Summersweet Clethra	26.74	
32 93 33 00-0106	EA	36" B&B Clethra alnifolia & cvs - Summersweet Clethra	31.37	
32 93 33 00-0107	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	4.78	
32 93 33 00-0108	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	11.82	
32 93 33 00-0109	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	55.35	
32 93 33 00-0110	EA	2' To 3' Cornus mas - Cornelian Cherry	30.08	
32 93 33 00-0111	EA	3' To 4' Cornus mas - Cornelian Cherry	37.60	
32 93 33 00-0112	EA	4' To 5' Cornus mas - Cornelian Cherry	48.17	
32 93 33 00-0113	EA	5' To 6' Cornus mas - Cornelian Cherry	66.19	
32 93 33 00-0114	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	19.81	
32 93 33 00-0115	EA	36" B&B Cornus alba & cvs - Tartarian Dogwood	13.87	
32 93 33 00-0116	EA	48" B&B Cornus alba & cvs - Tartarian Dogwood	15.85	
32 93 33 00-0117	EA	60" B&B Cornus alba & cvs - Tartarian Dogwood	19.81	
32 93 33 00-0118	EA	72" B&B Cornus alba & cvs - Tartarian Dogwood	23.77	
32 93 33 00-0119	EA	36" B&B Cornus amomum - Silky Dogwood	19.81	
32 93 33 00-0120	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	21.79	
32 93 33 00-0121	EA	5 Gallon Cornus racemosa - Gray Dogwood	21.79	
32 93 33 00-0122	EA	36" B&B Cornus racemosa - Gray Dogwood	19.81	
32 93 33 00-0123	EA	48" B&B Cornus racemosa - Gray Dogwood	23.11	
32 93 33 00-0124	EA	60" B&B Cornus racemosa - Gray Dogwood	25.09	
32 93 33 00-0125	EA	72" B&B Cornus racemosa - Gray Dogwood	30.38	
32 93 33 00-0126	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	21.46	
32 93 33 00-0127	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	24.10	
32 93 33 00-0128	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	27.40	
32 93 33 00-0129	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood	17.17	
32 93 33 00-0130	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood	19.81	
32 93 33 00-0131	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood	21.13	
32 93 33 00-0132	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood	23.11	
32 93 33 00-0133	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood	25.75	
32 93 33 00-0134	EA	5 Gallon Corylus americana - American Filbert	20.47	
32 93 33 00-0135	EA	30" B&B Corylus americana - American Filbert	23.11	
32 93 33 00-0136	EA	36" B&B Corylus americana - American Filbert	24.76	
32 93 33 00-0137	EA	48" B&B Corylus americana - American Filbert	26.74	
32 93 33 00-0138	EA	24" B&B Corylus avellena - Contorted Hazelnut	66.03	
32 93 33 00-0139	EA	30" B&B Corylus avellena - Contorted Hazelnut	85.85	
32 93 33 00-0140	EA	36" B&B Corylus avellena - Contorted Hazelnut	92.45	
32 93 33 00-0141	EA	42" B&B Corylus avellena - Contorted Hazelnut	118.86	
32 93 33 00-0142	EA	48" B&B Corylus avellena - Contorted Hazelnut	145.28	
32 93 33 00-0143	EA	60" B&B Corylus avellena - Contorted Hazelnut	165.09	
32 93 33 00-0144	EA	5' To 6' Cotinus coggygria - Smoke Tree	63.21	
32 93 33 00-0145	EA	6' To 8' Cotinus coggygria - Smoke Tree	94.78	
32 93 33 00-0146	EA	8' To 10' Cotinus coggygria - Smoke Tree	142.94	
32 93 33 00-0147	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	16.51	
32 93 33 00-0148	EA	18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	16.51	
32 93 33 00-0149	EA	24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	17.17	
32 93 33 00-0150	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	15.82	
32 93 33 00-0151	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	17.17	
32 93 33 00-0152	EA	18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	16.51	
32 93 33 00-0153	EA	24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	17.17	
32 93 33 00-0154	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	6.81	
32 93 33 00-0155	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	21.07	
32 93 33 00-0156	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	28.45	
32 93 33 00-0157	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	48.17	
32 93 33 00-0158	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	4.78	
32 93 33 00-0159	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	11.82	
32 93 33 00-0160	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	6.81	
32 93 33 00-0161	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	13.41	
32 93 33 00-0162	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	4.78	
32 93 33 00-0163	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	11.82	
32 93 33 00-0164	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	46.92	
32 93 33 00-0165	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	11.00	
32 93 33 00-0166	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	27.50	
32 93 33 00-0167	EA	18" B&B Deutzia gracilis - Slender Deutzia	16.84	
32 93 33 00-0168	EA	24" B&B Deutzia gracilis - Slender Deutzia	18.49	
32 93 33 00-0169	EA	30" B&B Deutzia gracilis - Slender Deutzia	23.77	
32 93 33 00-0170	EA	36" B&B Deutzia gracilis - Slender Deutzia	27.73	
32 93 33 00-0171	EA	42" B&B Deutzia gracilis - Slender Deutzia	31.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0172	EA	24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	26.41	
32 93 33 00-0173	EA	30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	31.70	
32 93 33 00-0174	EA	36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	36.98	
32 93 33 00-0175	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	9.91	
32 93 33 00-0176	EA	36" B&B Diervilla splendens - Splendens Bush Honeysuckle	23.77	
32 93 33 00-0177	EA	48" B&B Diervilla splendens - Splendens Bush Honeysuckle	31.70	
32 93 33 00-0178	EA	5 Gallon Elaeagnus angustifolia - Russian Olive	11.82	
32 93 33 00-0179	EA	1 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	4.78	
32 93 33 00-0180	EA	5 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	11.82	
32 93 33 00-0181	EA	15 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	46.92	
32 93 33 00-0182	EA	1 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	4.78	
32 93 33 00-0183	EA	5 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	11.82	
32 93 33 00-0184	EA	15 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	46.92	
32 93 33 00-0185	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	19.72	
32 93 33 00-0186	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	27.10	
32 93 33 00-0187	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	32.42	
32 93 33 00-0188	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	31.57	
32 93 33 00-0189	EA	1 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	4.78	
32 93 33 00-0190	EA	5 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	11.82	
32 93 33 00-0191	EA	15 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	46.92	
32 93 33 00-0192	EA	1 Gallon Euonymus - Gold Spot	5.68	
32 93 33 00-0193	EA	2 Gallon Euonymus - Gold Spot	11.92	
32 93 33 00-0194	EA	5 Gallon Euonymus - Gold Spot	16.39	
32 93 33 00-0195	EA	1 Gallon Euonymus alatus - Winged Euonymus	4.84	
32 93 33 00-0196	EA	3 Gallon Euonymus alatus - Winged Euonymus	13.97	
32 93 33 00-0197	EA	24" B&B Euonymus alatus - Winged Euonymus	18.83	
32 93 33 00-0198	EA	30" B&B Euonymus alatus - Winged Euonymus	23.54	
32 93 33 00-0199	EA	36" B&B Euonymus alatus - Winged Euonymus	32.35	
32 93 33 00-0200	EA	42" B&B Euonymus alatus - Winged Euonymus	39.94	
32 93 33 00-0201	EA	48" B&B Euonymus alatus - Winged Euonymus	47.08	
32 93 33 00-0202	EA	54" B&B Euonymus alatus - Winged Euonymus	60.75	
32 93 33 00-0203	EA	5 Gallon Euonymus alatus - Winged Euonymus	17.47	
32 93 33 00-0204	EA	60" B&B Euonymus alatus - Winged Euonymus	75.94	
32 93 33 00-0205	EA	30" B&B Euonymus alatus compactus - Compact Winged Euonymus	29.72	
32 93 33 00-0206	EA	36" B&B Euonymus alatus compactus - Compact Winged Euonymus	35.33	
32 93 33 00-0207	EA	42" B&B Euonymus alatus compactus - Compact Winged Euonymus	46.22	
32 93 33 00-0208	EA	48" B&B Euonymus alatus compactus - Compact Winged Euonymus	55.47	
32 93 33 00-0209	EA	60" B&B Euonymus alatus compactus - Compact Winged Euonymus	68.68	
32 93 33 00-0210	EA	18" To 24" Euonymus alatus - Winged Burning Bush	21.07	
32 93 33 00-0211	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	24.83	
32 93 33 00-0212	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	33.91	
32 93 33 00-0213	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	40.65	
32 93 33 00-0214	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	51.15	
32 93 33 00-0215	EA	4' To 5' Euonymus alatus - Winged Burning Bush	72.22	
32 93 33 00-0216	EA	5' To 6' Euonymus alatus - Winged Burning Bush	90.31	
32 93 33 00-0217	EA	6' To 8' Euonymus alatus - Winged Burning Bush	105.35	
32 93 33 00-0218	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	21.07	
32 93 33 00-0219	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	24.05	
32 93 33 00-0220	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	29.37	
32 93 33 00-0221	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	41.43	
32 93 33 00-0222	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	48.95	
32 93 33 00-0223	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	58.67	
32 93 33 00-0224	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	82.79	
32 93 33 00-0225	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	97.83	
32 93 33 00-0226	EA	36" B&B Euonymus atropurpurea - Eastern Wahoo	17.83	
32 93 33 00-0227	EA	1 Gallon Euonymus fortunei - Wintercreeper	6.81	
32 93 33 00-0228	EA	2 Gallon Euonymus fortunei - Wintercreeper	13.41	
32 93 33 00-0229	EA	3 Gallon Euonymus fortunei - Wintercreeper	16.39	
32 93 33 00-0230	EA	5 Gallon Euonymus fortunei - Wintercreeper	19.44	
32 93 33 00-0231	EA	1 Gallon Euonymus japonicus - Evergreen Spindle	4.78	
32 93 33 00-0232	EA	5 Gallon Euonymus japonicus - Evergreen Spindle	11.82	
32 93 33 00-0233	EA	15 Gallon Euonymus japonicus - Evergreen Spindle	46.92	
32 93 33 00-0234	EA	2' To 3' Forsythia - Korean Forsythia	15.04	
32 93 33 00-0235	EA	3' To 4' Forsythia - Korean Forsythia	19.01	
32 93 33 00-0236	EA	4' To 5' Forsythia - Korean Forsythia	23.69	
32 93 33 00-0237	EA	30" B&B Forsythia cvs - Forsythia cultivars	15.19	
32 93 33 00-0238	EA	36" B&B Forsythia cvs - Forsythia cultivars	16.84	
32 93 33 00-0239	EA	48" B&B Forsythia cvs - Forsythia cultivars	18.16	
32 93 33 00-0240	EA	18" B&B Forsythia viridissima & cvs - Green Forsythia	15.85	
32 93 33 00-0241	EA	24" B&B Forsythia viridissima & cvs - Green Forsythia	21.13	
32 93 33 00-0242	EA	24" B&B Forsythia x intermedia & cvs - Border Forsythia	15.85	
32 93 33 00-0243	EA	30" B&B Forsythia x intermedia & cvs - Border Forsythia	18.49	
32 93 33 00-0244	EA	36" B&B Forsythia x intermedia & cvs - Border Forsythia	21.79	
32 93 33 00-0245	EA	42" B&B Forsythia x intermedia & cvs - Border Forsythia	25.09	
32 93 33 00-0246	EA	48" B&B Forsythia x intermedia & cvs - Border Forsythia	29.06	
32 93 33 00-0247	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	22.45	
32 93 33 00-0248	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	31.37	
32 93 33 00-0249	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	33.02	
32 93 33 00-0250	EA	15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	34.34	
32 93 33 00-0251	EA	18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	36.98	
32 93 33 00-0252	EA	24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	44.90	
32 93 33 00-0253	EA	24" B&B Fothergilla major - Large Fothergilla	58.11	
32 93 33 00-0254	EA	30" B&B Fothergilla major - Large Fothergilla	66.03	
32 93 33 00-0255	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	4.90	
32 93 33 00-0256	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	12.84	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0257	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	16.39	
32 93 33 00-0258	EA	1 Gallon Grevillea 'Noellii' - Noel's Grevillea	4.78	
32 93 33 00-0259	EA	5 Gallon Grevillea 'Noellii' - Noel's Grevillea	11.82	
32 93 33 00-0260	EA	15 Gallon Grevillea 'Noellii' - Noel's Grevillea	46.92	
32 93 33 00-0261	EA	36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	46.22	
32 93 33 00-0262	EA	48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	75.28	
32 93 33 00-0263	EA	60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	95.09	
32 93 33 00-0264	EA	72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	145.28	
32 93 33 00-0265	EA	84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	165.09	
32 93 33 00-0266	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	2.81	
32 93 33 00-0267	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	9.87	
32 93 33 00-0268	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	18.98	
32 93 33 00-0269	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	7.20	
32 93 33 00-0270	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	12.15	
32 93 33 00-0271	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	18.38	
32 93 33 00-0272	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	19.01	
32 93 33 00-0273	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	16.17	
32 93 33 00-0274	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	21.85	
32 93 33 00-0275	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	31.57	
32 93 33 00-0276	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	43.63	
32 93 33 00-0277	EA	2 Gallon Hydrangea - Blue Hydrangea	13.41	
32 93 33 00-0278	EA	5 Gallon Hydrangea - Blue Hydrangea	18.87	
32 93 33 00-0279	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	21.07	
32 93 33 00-0280	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	24.05	
32 93 33 00-0281	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	13.41	
32 93 33 00-0282	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	23.11	
32 93 33 00-0283	EA	30" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	25.09	
32 93 33 00-0284	EA	36" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	29.06	
32 93 33 00-0285	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	30.38	
32 93 33 00-0286	EA	18" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	23.77	
32 93 33 00-0287	EA	24" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	31.70	
32 93 33 00-0288	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	13.87	
32 93 33 00-0289	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	16.51	
32 93 33 00-0290	EA	18" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	14.20	
32 93 33 00-0291	EA	24" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	15.19	
32 93 33 00-0292	EA	30" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	17.17	
32 93 33 00-0293	EA	36" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	19.81	
32 93 33 00-0294	EA	48" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	26.41	
32 93 33 00-0295	EA	18" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	19.15	
32 93 33 00-0296	EA	24" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	21.79	
32 93 33 00-0297	EA	30" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	25.75	
32 93 33 00-0298	EA	2 Gallon Hypericum kalmianum - St. John's Wort	13.41	
32 93 33 00-0299	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	15.85	
32 93 33 00-0300	EA	24" B&B Hypericum kalmianun - Kalm St. John's Wort	17.17	
32 93 33 00-0301	EA	1 Gallon Ilex "Carissa" - Holly	6.81	
32 93 33 00-0302	EA	2 Gallon Ilex "Carissa" - Holly	13.41	
32 93 33 00-0303	EA	5 Gallon Ilex "Carissa" - Holly	18.87	
32 93 33 00-0304	EA	18" To 24" Ilex - Gulftide Sweet Holly	18.09	
32 93 33 00-0305	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	22.91	
32 93 33 00-0306	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	29.72	
32 93 33 00-0307	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	36.11	
32 93 33 00-0308	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	13.51	
32 93 33 00-0309	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	6.81	
32 93 33 00-0310	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.41	
32 93 33 00-0311	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	19.44	
32 93 33 00-0312	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	6.81	
32 93 33 00-0313	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	14.90	
32 93 33 00-0314	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	19.44	
32 93 33 00-0315	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	14.90	
32 93 33 00-0316	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	17.95	
32 93 33 00-0317	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	36.11	
32 93 33 00-0318	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	48.17	
32 93 33 00-0319	EA	2' To 3' Ilex opaca - American Holly	48.17	
32 93 33 00-0320	EA	3' To 4' Ilex opaca - American Holly	79.74	
32 93 33 00-0321	EA	4' To 5' Ilex opaca - American Holly	102.30	
32 93 33 00-0322	EA	5' To 6' Ilex opaca - American Holly	123.36	
32 93 33 00-0323	EA	6' To 7' Ilex opaca - American Holly	173.02	
32 93 33 00-0324	EA	7' To 8' Ilex opaca - American Holly	240.77	
32 93 33 00-0325	EA	8' To 10' Ilex opaca - American Holly	346.04	
32 93 33 00-0326	EA	10' To 12' Ilex opaca - American Holly	526.66	
32 93 33 00-0327	EA	12' To 14' Ilex opaca - American Holly	639.45	
32 93 33 00-0328	EA	14' To 16' Ilex opaca - American Holly	789.91	
32 93 33 00-0329	EA	2' To 3' Ilex verticillata - Winterberry (Female)	48.17	
32 93 33 00-0330	EA	3' To 4' Ilex verticillata - Winterberry (Female)	63.21	
32 93 33 00-0331	EA	2' To 3' Ilex verticillata - Winterberry (Male)	39.09	
32 93 33 00-0332	EA	3' To 4' Ilex verticillata - Winterberry (Male)	54.20	
32 93 33 00-0333	EA	4' To 5' Ilex verticillata - Winterberry (Male)	63.21	
32 93 33 00-0334	EA	1 Gallon Ilex vomitoria - Yaupon Holly	6.38	
32 93 33 00-0335	EA	3 Gallon Ilex vomitoria - Yaupon Holly	12.84	
32 93 33 00-0336	EA	10 Gallon Ilex vomitoria - Yaupon Holly	45.12	
32 93 33 00-0337	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	20.47	
32 93 33 00-0338	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	23.11	
32 93 33 00-0339	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	26.41	
32 93 33 00-0340	EA	18" B&B Ilex meserveae & cvs - Blue Holly	24.43	
32 93 33 00-0341	EA	24" B&B Ilex meservae & cvs - Blue Holly	29.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0342	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0343	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0344	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	23.11	
32 93 33 00-0345	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	27.73	
32 93 33 00-0346	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	31.04	
32 93 33 00-0347	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	33.02	
32 93 33 00-0348	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	42.26	
32 93 33 00-0349	EA	4' To 5' Ilex x attenuata "Foster" - Holly	78.25	
32 93 33 00-0350	EA	5' To 6' Ilex x attenuata "Foster" - Holly	103.78	
32 93 33 00-0351	EA	6' To 7' Ilex x attenuata "Foster" - Holly	92.86	
32 93 33 00-0352	EA	7' To 8' Ilex x attenuata "Foster" - Holly	180.54	
32 93 33 00-0353	EA	1 Gallon Jasimnum - Jasmine	1.75	
32 93 33 00-0354	EA	3 Gallon Jasimnum - Jasmine	6.83	
32 93 33 00-0355	EA	3 Gallon Jasimnum - Orange Jasmine	5.32	
32 93 33 00-0356	EA	4' - 5' Jasimnum - Orange Jasmine	60.75	
32 93 33 00-0357	EA	6' - 7' Jasimnum - Orange Jasmine	121.50	
32 93 33 00-0358	EA	8' - 10' Jasimnum - Orange Jasmine	164.03	
32 93 33 00-0359	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	23.11	
32 93 33 00-0360	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	25.75	
32 93 33 00-0361	EA	18" B&B Juniperus chinesis cvs - Chinese Juniper	34.34	
32 93 33 00-0362	EA	24" B&B Juniperus chinesis cvs - Chinese Juniper	44.90	
32 93 33 00-0363	EA	30" B&B Juniperus chinesis cvs - Chinese Juniper	52.83	
32 93 33 00-0364	EA	36" B&B Juniperus chinesis cvs - Chinese Juniper	71.32	
32 93 33 00-0365	EA	48" B&B Juniperus chinesis cvs - Chinese Juniper	97.73	
32 93 33 00-0366	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	11.01	
32 93 33 00-0367	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	23.11	
32 93 33 00-0368	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	25.75	
32 93 33 00-0369	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	27.73	
32 93 33 00-0370	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	30.38	
32 93 33 00-0371	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	36.98	
32 93 33 00-0372	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	44.90	
32 93 33 00-0373	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	17.83	
32 93 33 00-0374	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper	21.13	
32 93 33 00-0375	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper	29.06	
32 93 33 00-0376	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper	36.98	
32 93 33 00-0377	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper	44.90	
32 93 33 00-0378	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	16.51	
32 93 33 00-0379	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	19.81	
32 93 33 00-0380	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	17.17	
32 93 33 00-0381	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	33.02	
32 93 33 00-0382	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	51.51	
32 93 33 00-0383	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	64.71	
32 93 33 00-0384	EA	15" To 18" Kalmia latifolia - Mountain Laurel	27.10	
32 93 33 00-0385	EA	18" To 24" Kalmia latifolia - Mountain Laurel	36.11	
32 93 33 00-0386	EA	2' To 3' Kalmia latifolia - Mountain Laurel	52.64	
32 93 33 00-0387	EA	4' To 5' Kalmia latifolia - Mountain Laurel	96.26	
32 93 33 00-0388	EA	5' To 6' Kalmia latifolia - Mountain Laurel	147.48	
32 93 33 00-0389	EA	6' To 8' Kalmia latifolia - Mountain Laurel	225.73	
32 93 33 00-0390	EA	1 Gallon Kerria japonica - Kerria	6.03	
32 93 33 00-0391	EA	5 Gallon Kerria japonica - Kerria	18.87	
32 93 33 00-0392	EA	24" B&B Kolkwitzia amabilis & cvs - Beautybush	19.15	
32 93 33 00-0393	EA	30" B&B Kolkwitzia amabilis & cvs - Beautybush	21.79	
32 93 33 00-0394	EA	36" B&B Kolkwitzia amabilis & cvs - Beautybush	23.77	
32 93 33 00-0395	EA	42" B&B Kolkwitzia amabilis & cvs - Beautybush	27.73	
32 93 33 00-0396	EA	48" B&B Kolkwitzia amabilis & cvs - Beautybush	31.70	
32 93 33 00-0397	EA	60" B&B Kolkwitzia amabilis & cvs - Beautybush	39.62	
32 93 33 00-0398	EA	1 Gallon Lagerstroemia indica - Crepe Myrtle	4.54	
32 93 33 00-0399	EA	5 Gallon Lagerstroemia indica - Crepe Myrtle	16.17	
32 93 33 00-0400	EA	3' To 4' Lagerstroemia indica - Crepe Myrtle	22.56	
32 93 33 00-0401	EA	4' To 5' Lagerstroemia indica - Crepe Myrtle	33.13	
32 93 33 00-0402	EA	5' To 6' Lagerstroemia indica - Crepe Myrtle	52.64	
32 93 33 00-0403	EA	7' To 8' Lagerstroemia indica - Crepe Myrtle	68.35	
32 93 33 00-0404	EA	9' To 10' Lagerstroemia indica - Crepe Myrtle	91.13	
32 93 33 00-0405	EA	11' To 12' Lagerstroemia indica - Crepe Myrtle	189.85	
32 93 33 00-0406	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	6.81	
32 93 33 00-0407	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	14.90	
32 93 33 00-0408	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	17.95	
32 93 33 00-0409	EA	1 Gallon Ligustrum lucidum - Glossy Privet	4.19	
32 93 33 00-0410	EA	5 Gallon Ligustrum lucidum - Glossy Privet	12.84	
32 93 33 00-0411	EA	15 Gallon Ligustrum lucidum - Glossy Privet	60.16	
32 93 33 00-0412	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	4.19	
32 93 33 00-0413	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	9.01	
32 93 33 00-0414	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	11.71	
32 93 33 00-0415	EA	36" B&B Ligustrum vulgare & cvs - Common Privet	19.81	
32 93 33 00-0416	EA	48" B&B Ligustrum vulgare & cvs - Common Privet	29.06	
32 93 33 00-0417	EA	60" B&B Ligustrum vulgare & cvs - Common Privet	36.98	
32 93 33 00-0418	EA	72" B&B Ligustrum vulgare & cvs - Common Privet	42.26	
32 93 33 00-0419	EA	5 Gallon Lindera benzoin - Spicebush	21.79	
32 93 33 00-0420	EA	36" B&B Lindera benzoin - Spicebush	18.49	
32 93 33 00-0421	EA	48" B&B Lindera benzoin - Spicebush	22.45	
32 93 33 00-0422	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	36.11	
32 93 33 00-0423	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	43.63	
32 93 33 00-0424	EA	30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	19.81	
32 93 33 00-0425	EA	36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	23.77	
32 93 33 00-0426	EA	42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	26.41	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0427	EA	48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	29.06	
32 93 33 00-0428	EA	1 Gallon Myrica cerifera - Wax Myrtle	3.80	
32 93 33 00-0429	EA	4 Gallon Myrica cerifera - Wax Myrtle	12.15	
32 93 33 00-0430	EA	7 Gallon Myrica cerifera - Wax Myrtle	26.58	
32 93 33 00-0431	EA	10 Gallon Myrica cerifera - Wax Myrtle	39.49	
32 93 33 00-0432	EA	15 Gallon Myrica cerifera - Wax Myrtle	60.75	
32 93 33 00-0433	EA	45 Gallon Myrica cerifera - Wax Myrtle	182.26	
32 93 33 00-0434	EA	1' - 2' Myrica cerifera - Wax Myrtle	5.32	
32 93 33 00-0435	EA	3' - 4' Myrica cerifera - Wax Myrtle	18.23	
32 93 33 00-0436	EA	5' - 6' Myrica cerifera - Wax Myrtle	33.41	
32 93 33 00-0437	EA	7' - 8' Myrica cerifera - Wax Myrtle	45.56	
32 93 33 00-0438	EA	9' - 10' Myrica cerifera - Wax Myrtle	60.75	
32 93 33 00-0439	EA	11' - 12' Myrica cerifera - Wax Myrtle	92.65	
32 93 33 00-0440	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	19.81	
32 93 33 00-0441	EA	24" B&B Myrica pensylvanica - Northern Bayberry	32.36	
32 93 33 00-0442	EA	30" B&B Myrica pensylvanica - Northern Bayberry	47.54	
32 93 33 00-0443	EA	36" B&B Myrica pensylvanica - Northern Bayberry	56.79	
32 93 33 00-0444	EA	48" B&B Myrica pensylvanica - Northern Bayberry	59.43	
32 93 33 00-0445	EA	1 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	4.78	
32 93 33 00-0446	EA	5 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	11.82	
32 93 33 00-0447	EA	15 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	46.92	
32 93 33 00-0448	EA	1 Gallon Nandina domestica - Heavenly Bamboo	6.81	
32 93 33 00-0449	EA	2 Gallon Nandina domestica - Heavenly Bamboo	14.90	
32 93 33 00-0450	EA	5 Gallon Nandina domestica - Heavenly Bamboo	22.56	
32 93 33 00-0451	EA	15 Gallon Nerium oleander - Oleander	51.34	
32 93 33 00-0452	EA	24" Box Nerium oleander - Oleander	184.51	
32 93 33 00-0453	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	4.19	
32 93 33 00-0454	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	11.35	
32 93 33 00-0455	EA	1 Gallon Philadelphus - Evergreen Mockorange	5.82	
32 93 33 00-0456	EA	5 Gallon Philadelphus - Evergreen Mockorange	18.87	
32 93 33 00-0457	EA	36" B&B Philadelphus x virginalis & cvs - Mockorange	19.81	
32 93 33 00-0458	EA	42" B&B Philadelphus x virginalis & cvs - Mockorange	23.11	
32 93 33 00-0459	EA	48" B&B Philadelphus x virginalis & cvs - Mockorange	26.41	
32 93 33 00-0460	EA	1 Gallon Photinia fraseri - Red-Tipped Photinia	4.78	
32 93 33 00-0461	EA	5 Gallon Photinia fraseri - Red-Tipped Photinia	11.82	
32 93 33 00-0462	EA	15 Gallon Photinia fraseri - Red-Tipped Photinia	46.92	
32 93 33 00-0463	EA	1 Gallon Phormium tenax - New Zealand Flax	5.04	
32 93 33 00-0464	EA	5 Gallon Phormium tenax - New Zealand Flax	12.08	
32 93 33 00-0465	EA	15 Gallon Phormium tenax - New Zealand Flax	51.34	
32 93 33 00-0466	EA	24" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	19.81	
32 93 33 00-0467	EA	30" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	23.11	
32 93 33 00-0468	EA	36" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	26.41	
32 93 33 00-0469	EA	42" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	33.02	
32 93 33 00-0470	EA	48" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	39.62	
32 93 33 00-0471	EA	12" To 15" Spread Pieris - Mountain Andromeda	18.23	
32 93 33 00-0472	EA	15" To 18" Spread Pieris - Mountain Andromeda	39.09	
32 93 33 00-0473	EA	12" To 15" Pieris japonica - Japanese Andromeda	23.69	
32 93 33 00-0474	EA	15" To 18" Pieris japonica - Japanese Andromeda	27.10	
32 93 33 00-0475	EA	18" To 24" Pieris japonica - Japanese Andromeda	33.91	
32 93 33 00-0476	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	48.17	
32 93 33 00-0477	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	57.18	
32 93 33 00-0478	EA	24" B&B Pinus mugo & cvs - Mugo Pine	33.02	
32 93 33 00-0479	EA	30" B&B Pinus mugo & cvs - Mugo Pine	42.26	
32 93 33 00-0480	EA	36" B&B Pinus mugo & cvs - Mugo Pine	50.85	
32 93 33 00-0481	EA	48" B&B Pinus mugo & cvs - Mugo Pine	65.37	
32 93 33 00-0482	EA	60" B&B Pinus mugo & cvs - Mugo Pine	78.58	
32 93 33 00-0483	EA	72" B&B Pinus mugo & cvs - Mugo Pine	114.90	
32 93 33 00-0484	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine	71.32	
32 93 33 00-0485	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine	85.85	
32 93 33 00-0486	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine	114.24	
32 93 33 00-0487	EA	1 Gallon Pittosporum - Pittosporum	2.51	
32 93 33 00-0488	EA	3 Gallon Pittosporum - Pittosporum	6.45	
32 93 33 00-0489	EA	1 Gallon Pittosporum - Varigated Pittosporum	2.51	
32 93 33 00-0490	EA	3 Gallon Pittosporum - Varigated Pittosporum	6.45	
32 93 33 00-0491	EA	5 Gallon Pittosporum - Varigated Pittosporum	11.32	
32 93 33 00-0492	EA	1 Gallon Pittosporum eugenioides - Lemonwood	5.49	
32 93 33 00-0493	EA	5 Gallon Pittosporum eugenioides - Lemonwood	13.00	
32 93 33 00-0494	EA	1 Gallon Pittosporum tobira - Japanese Pittosporum	4.78	
32 93 33 00-0495	EA	5 Gallon Pittosporum tobira - Japanese Pittosporum	11.82	
32 93 33 00-0496	EA	15 Gallon Pittosporum tobira - Japanese Pittosporum	46.92	
32 93 33 00-0497	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	11.23	
32 93 33 00-0498	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	15.85	
32 93 33 00-0499	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	11.89	
32 93 33 00-0500	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	13.21	
32 93 33 00-0501	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	19.15	
32 93 33 00-0502	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	22.12	
32 93 33 00-0503	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	4.54	
32 93 33 00-0504	EA	3 Gallon Prunus caroliniana - Carolina Cherry Laurel	11.35	
32 93 33 00-0505	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	67.68	
32 93 33 00-0506	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	17.31	
32 93 33 00-0507	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	21.42	
32 93 33 00-0508	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	27.88	
32 93 33 00-0509	EA	15" To 18" Prunus triloba - Double White Flowering Almond	15.46	
32 93 33 00-0510	EA	18" To 24" Prunus triloba - Double White Flowering Almond	19.79	
32 93 33 00-0511	EA	3' To 4' Prunus triloba - Double White Flowering Almond	31.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0512	EA	4' To 6' Prunus triloba - Double White Flowering Almond	63.21	
32 93 33 00-0513	EA	5 Gallon Prunus triloba - Pink Flowering Almond	19.01	
32 93 33 00-0514	EA	18" To 24" Prunus triloba - Pink Flowering Almond	21.35	
32 93 33 00-0515	EA	2' To 3' Prunus triloba - Pink Flowering Almond	24.83	
32 93 33 00-0516	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	16.88	
32 93 33 00-0517	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	20.71	
32 93 33 00-0518	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	24.83	
32 93 33 00-0519	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	28.45	
32 93 33 00-0520	EA	1 Gallon Punica granatum - Dwarf Pomegranate	4.47	
32 93 33 00-0521	EA	3 Gallon Punica granatum - Dwarf Pomegranate	13.20	
32 93 33 00-0522	EA	7 Gallon Punica granatum - Dwarf Pomegranate	27.10	
32 93 33 00-0523	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	5.68	
32 93 33 00-0524	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	18.87	
32 93 33 00-0525	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	39.09	
32 93 33 00-0526	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	4.54	
32 93 33 00-0527	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	8.65	
32 93 33 00-0528	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	15.39	
32 93 33 00-0529	EA	1 Gallon Rhamnus californica - Coffeeberry	6.90	
32 93 33 00-0530	EA	5 Gallon Rhamnus californica - Coffeeberry	19.73	
32 93 33 00-0531	EA	15 Gallon Rhamnus californica - Coffeeberry	59.22	
32 93 33 00-0532	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	34.62	
32 93 33 00-0533	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	47.46	
32 93 33 00-0534	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	61.72	
32 93 33 00-0535	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	112.86	
32 93 33 00-0536	EA	1 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	5.09	
32 93 33 00-0537	EA	5 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	12.08	
32 93 33 00-0538	EA	15 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	51.34	
32 93 33 00-0539	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	7.38	
32 93 33 00-0540	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	14.90	
32 93 33 00-0541	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	19.44	
32 93 33 00-0542	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	22.56	
32 93 33 00-0543	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	26.39	
32 93 33 00-0544	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	33.13	
32 93 33 00-0545	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	48.17	
32 93 33 00-0546	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	67.68	
32 93 33 00-0547	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	8.30	
32 93 33 00-0548	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.90	
32 93 33 00-0549	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	25.61	
32 93 33 00-0550	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	33.13	
32 93 33 00-0551	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	48.17	
32 93 33 00-0552	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	70.73	
32 93 33 00-0553	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	94.78	
32 93 33 00-0554	EA	5 Gallon Rhododendron - Boxleaf Azara	18.87	
32 93 33 00-0555	EA	15 Gallon Rhododendron - Boxleaf Azara	67.68	
32 93 33 00-0556	EA	15" To 18" Rhododendron - Carolina Rhododendron	21.35	
32 93 33 00-0557	EA	18" To 24" Rhododendron - Carolina Rhododendron	37.60	
32 93 33 00-0558	EA	24" To 30" Rhododendron - Carolina Rhododendron	55.69	
32 93 33 00-0559	EA	2' To 3' Rhododendron - Five-leafed Azalea	25.33	
32 93 33 00-0560	EA	3' To 4' Rhododendron - Five-leafed Azalea	33.13	
32 93 33 00-0561	EA	4' To 5' Rhododendron - Five-leafed Azalea	43.63	
32 93 33 00-0562	EA	15" To 18" Rhododendron - Ghent Azalea	25.33	
32 93 33 00-0563	EA	18" To 24" Rhododendron - Ghent Azalea	31.57	
32 93 33 00-0564	EA	2' To 3' Rhododendron - Ghent Azalea	51.15	
32 93 33 00-0565	EA	3' To 4' Rhododendron - Ghent Azalea	70.73	
32 93 33 00-0566	EA	4' To 5' Rhododendron - Ghent Azalea	94.78	
32 93 33 00-0567	EA	5' To 6' Rhododendron - Ghent Azalea	126.41	
32 93 33 00-0568	EA	1 Gallon Rhododendron - Hybrid Rhododendron	8.30	
32 93 33 00-0569	EA	2 Gallon Rhododendron - Hybrid Rhododendron	17.95	
32 93 33 00-0570	EA	3 Gallon Rhododendron - Hybrid Rhododendron	25.47	
32 93 33 00-0571	EA	5 Gallon Rhododendron - Hybrid Rhododendron	28.45	
32 93 33 00-0572	EA	15" To 18" Rhododendron - Hybrid Rhododendron	24.05	
32 93 33 00-0573	EA	18" To 24" Rhododendron - Hybrid Rhododendron	33.13	
32 93 33 00-0574	EA	24" To 30" Rhododendron - Hybrid Rhododendron	45.12	
32 93 33 00-0575	EA	30" To 36" Rhododendron - Hybrid Rhododendron	52.64	
32 93 33 00-0576	EA	36" To 42" Rhododendron - Hybrid Rhododendron	75.27	
32 93 33 00-0577	EA	42" To 48" Rhododendron - Hybrid Rhododendron	93.29	
32 93 33 00-0578	EA	15" To 18" Rhododendron - Pjm Rhododendron	27.10	
32 93 33 00-0579	EA	18" To 24" Rhododendron - Pjm Rhododendron	33.13	
32 93 33 00-0580	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	48.17	
32 93 33 00-0581	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	61.72	
32 93 33 00-0582	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	75.27	
32 93 33 00-0583	EA	12" To 15" Rhododendron - Torch Azalea	21.07	
32 93 33 00-0584	EA	15" To 18" Rhododendron - Torch Azalea	25.33	
32 93 33 00-0585	EA	18" To 24" Rhododendron - Torch Azalea	31.57	
32 93 33 00-0586	EA	2' To 3' Rhododendron - Torch Azalea	52.64	
32 93 33 00-0587	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	23.77	
32 93 33 00-0588	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	29.06	
32 93 33 00-0589	EA	18" B&B Rhododendron cvs - Lepidote Rhododendron	35.66	
32 93 33 00-0590	EA	24" B&B Rhododendron cvs - Lepidote Rhododendron	44.90	
32 93 33 00-0591	EA	30" B&B Rhododendron cvs - Lepidote Rhododendron	52.83	
32 93 33 00-0592	EA	36" B&B Rhododendron cvs - Lepidote Rhododendron	63.39	
32 93 33 00-0593	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	6.81	
32 93 33 00-0594	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	18.87	
32 93 33 00-0595	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	15.85	
32 93 33 00-0596	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	21.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0597	EA	18" B&B Rhus aromatica & cvs - Fragrant Sumac	25.09	
32 93 33 00-0598	EA	24" B&B Rhus aromatica & cvs - Fragrant Sumac	33.02	
32 93 33 00-0599	EA	36" B&B Rhus glabra - Smooth Sumac	19.81	
32 93 33 00-0600	EA	48" B&B Rhus typhina & cvs - Staghorn Sumac	33.02	
32 93 33 00-0601	EA	72" B&B Rhus typhina & cvs - Staghorn Sumac	52.83	
32 93 33 00-0602	EA	15" B&B Ribes alpinum & cvs - Alpine Currant	17.83	
32 93 33 00-0603	EA	18" B&B Ribes alpinum & cvs - Alpine Currant	20.47	
32 93 33 00-0604	EA	24" B&B Ribes alpinum & cvs - Alpine Currant	29.72	
32 93 33 00-0605	EA	30" B&B Ribes alpinum & cvs - Alpine Currant	39.62	
32 93 33 00-0606	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	10.90	
32 93 33 00-0607	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	13.21	
32 93 33 00-0608	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	16.51	
32 93 33 00-0609	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	11.89	
32 93 33 00-0610	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	15.19	
32 93 33 00-0611	EA	5 Gallon Sambucus canadensis - American Elder	21.79	
32 93 33 00-0612	EA	1 Gallon Santolina chamaecyparissus - Lavender Cotton	4.78	
32 93 33 00-0613	EA	5 Gallon Santolina chamaecyparissus - Lavender Cotton	11.82	
32 93 33 00-0614	EA	1 Gallon Santolina rosmarinifolia - Green Lavender Cotton	4.78	
32 93 33 00-0615	EA	5 Gallon Santolina rosmarinifolia - Green Lavender Cotton	11.82	
32 93 33 00-0616	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	9.79	
32 93 33 00-0617	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	14.33	
32 93 33 00-0618	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	5.32	
32 93 33 00-0619	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	13.90	
32 93 33 00-0620	EA	5 Gallon Senna artemisioides - Feathery Cassia	13.20	
32 93 33 00-0621	EA	15 Gallon Senna artemisioides - Feathery Cassia	52.53	
32 93 33 00-0622	EA	24" Box Senna artemisioides - Feathery Cassia	165.03	
32 93 33 00-0623	EA	1 Gallon Skimmia japonica - Japanese Skimmia	6.81	
32 93 33 00-0624	EA	2 Gallon Skimmia japonica - Japanese Skimmia	13.55	
32 93 33 00-0625	EA	5 Gallon Skimmia japonica - Japanese Skimmia	21.85	
32 93 33 00-0626	EA	1 Gallon Sollya fusiformis - Bluebell Creeper	4.78	
32 93 33 00-0627	EA	5 Gallon Sollya fusiformis - Bluebell Creeper	11.82	
32 93 33 00-0628	EA	3' To 4' Spiraea - Garland Spirea	31.57	
32 93 33 00-0629	EA	4' To 5' Spiraea - Garland Spirea	48.17	
32 93 33 00-0630	EA	5 Gallon Spiraea - Snowmound Spirea	18.87	
32 93 33 00-0631	EA	18" To 24" Spiraea - Snowmound Spirea	15.46	
32 93 33 00-0632	EA	2' To 3' Spiraea - Snowmound Spirea	21.85	
32 93 33 00-0633	EA	3' To 4' Spiraea - Snowmound Spirea	25.33	
32 93 33 00-0634	EA	4' To 5' Spiraea - Snowmound Spirea	43.63	
32 93 33 00-0635	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	6.81	
32 93 33 00-0636	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	13.41	
32 93 33 00-0637	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	15.52	
32 93 33 00-0638	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	16.84	
32 93 33 00-0639	EA	18" B&B Spiraea japonica & cvs - Japanese Spirea	17.17	
32 93 33 00-0640	EA	24" B&B Spiraea japonica & cvs - Japanese Spirea	19.81	
32 93 33 00-0641	EA	30" B&B Spiraea japonica & cvs - Japanese Spirea	22.45	
32 93 33 00-0642	EA	36" B&B Spiraea japonica & cvs - Japanese Spirea	26.08	
32 93 33 00-0643	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	10.57	
32 93 33 00-0644	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	15.85	
32 93 33 00-0645	EA	18" B&B Spiraea nipponica & cvs - Nippon Spiraea	14.53	
32 93 33 00-0646	EA	24" B&B Spiraea nipponica & cvs - Nippon Spiraea	17.17	
32 93 33 00-0647	EA	30" B&B Spiraea nipponica & cvs - Nippon Spiraea	19.81	
32 93 33 00-0648	EA	36" B&B Spiraea nipponica & cvs - Nippon Spiraea	22.45	
32 93 33 00-0649	EA	48" B&B Spiraea nipponica & cvs - Nippon Spiraea	29.06	
32 93 33 00-0650	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	6.81	
32 93 33 00-0651	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	12.22	
32 93 33 00-0652	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	15.85	
32 93 33 00-0653	EA	18" B&B Spiraea x bumalda & cvs - Bumalda Spirea	13.87	
32 93 33 00-0654	EA	24" B&B Spiraea x bumalda & cvs - Bumalda Spirea	16.84	
32 93 33 00-0655	EA	30" B&B Spiraea x bumalda & cvs - Bumalda Spirea	19.81	
32 93 33 00-0656	EA	36" B&B Spiraea x bumalda & cvs - Bumalda Spirea	22.45	
32 93 33 00-0657	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	15.85	
32 93 33 00-0658	EA	18" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	15.85	
32 93 33 00-0659	EA	24" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	18.49	
32 93 33 00-0660	EA	30" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	25.09	
32 93 33 00-0661	EA	36" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	29.06	
32 93 33 00-0662	EA	42" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	34.34	
32 93 33 00-0663	EA	5 Gallon Staphylea trifolia - Bladdernut	22.29	
32 93 33 00-0664	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	15.85	
32 93 33 00-0665	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	17.17	
32 93 33 00-0666	EA	24" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	19.81	
32 93 33 00-0667	EA	30" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	23.77	
32 93 33 00-0668	EA	2 Gallon Symphoricarpos albus - Common Snowberry	16.51	
32 93 33 00-0669	EA	5 Gallon Symphoricarpos albus - Common Snowberry	17.50	
32 93 33 00-0670	EA	24" B&B Syringa meyeri & cvs - Meyer Lilac	29.06	
32 93 33 00-0671	EA	30" B&B Syringa meyeri & cvs - Meyer Lilac	36.32	
32 93 33 00-0672	EA	36" B&B Syringa meyeri & cvs - Meyer Lilac	42.26	
32 93 33 00-0673	EA	42" B&B Syringa meyeri & cvs - Meyer Lilac	48.87	
32 93 33 00-0674	EA	18" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	29.06	
32 93 33 00-0675	EA	24" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	31.70	
32 93 33 00-0676	EA	30" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	36.32	
32 93 33 00-0677	EA	36" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	42.26	
32 93 33 00-0678	EA	42" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	48.87	
32 93 33 00-0679	EA	60" B&B Syringa villosa & cvs - Late Lilac	23.11	
32 93 33 00-0680	EA	72" B&B Syringa villosa & cvs - Late Lilac	25.09	
32 93 33 00-0681	EA	36" B&B Syringa vulgaris & cvs - Common Lilac	19.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0682	EA	42' B&B Syringa vulgaris & cvs - Common Lilac	22.45	
32 93 33 00-0683	EA	48" B&B Syringa vulgaris & cvs - Common Lilac	25.09	
32 93 33 00-0684	EA	60" B&B Syringa vulgaris & cvs - Common Lilac	29.06	
32 93 33 00-0685	EA	72" B&B Syringa vulgaris & cvs - Common Lilac	35.66	
32 93 33 00-0686	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	16.51	
32 93 33 00-0687	EA	36" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	19.15	
32 93 33 00-0688	EA	48" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	25.09	
32 93 33 00-0689	EA	48" B&B Taxus cuspidata capitata - Capitata Japanese Yew	105.00	
32 93 33 00-0690	EA	54" B&B Taxus cuspidata capitata - Capitata Japanese Yew	117.54	
32 93 33 00-0691	EA	60" B&B Taxus cuspidata capitata - Capitata Japanese Yew	129.43	
32 93 33 00-0692	EA	72" B&B Taxus cuspidata capitata - Capitata Japanese Yew	155.84	
32 93 33 00-0693	EA	18" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	27.73	
32 93 33 00-0694	EA	24" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	36.32	
32 93 33 00-0695	EA	30" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	42.26	
32 93 33 00-0696	EA	36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	46.22	
32 93 33 00-0697	EA	15" B&B Taxus x media & cvs - Anglojap Yew	27.73	
32 93 33 00-0698	EA	18" B&B Taxus x media & cvs - Anglojap Yew	36.32	
32 93 33 00-0699	EA	24" B&B Taxus x media & cvs - Anglojap Yew	42.92	
32 93 33 00-0700	EA	30" B&B Taxus x media & cvs - Anglojap Yew	50.85	
32 93 33 00-0701	EA	36" B&B Taxus x media & cvs - Anglojap Yew	76.60	
32 93 33 00-0702	EA	36" B&B Thuja occidentalis & cvs - Upright Arborvitae	42.26	
32 93 33 00-0703	EA	48" B&B Thuja occidentalis & cvs - Upright Arborvitae	56.79	
32 93 33 00-0704	EA	60" B&B Thuja occidentalis & cvs - Upright Arborvitae	85.85	
32 93 33 00-0705	EA	72" B&B Thuja occidentalis & cvs - Upright Arborvitae	125.47	
32 93 33 00-0706	EA	84" B&B Thuja occidentalis & cvs - Upright Arborvitae	143.96	
32 93 33 00-0707	EA	96" B&B Thuja occidentalis & cvs - Upright Arborvitae	167.07	
32 93 33 00-0708	EA	15" B&B Thuja occidentalis cvs - Dwarf Arborvitae	18.49	
32 93 33 00-0709	EA	18" B&B Thuja occidentalis cvs - Dwarf Arborvitae	25.75	
32 93 33 00-0710	EA	24" B&B Thuja occidentalis cvs - Dwarf Arborvitae	36.32	
32 93 33 00-0711	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	31.57	
32 93 33 00-0712	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	48.17	
32 93 33 00-0713	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	63.21	
32 93 33 00-0714	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	3.83	
32 93 33 00-0715	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	10.50	
32 93 33 00-0716	EA	5 Gallon Viburnum plicatum - Japanese Snowball	18.87	
32 93 33 00-0717	EA	5' To 6' Viburnum plicatum - Japanese Snowball	70.73	
32 93 33 00-0718	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	33.13	
32 93 33 00-0719	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	39.09	
32 93 33 00-0720	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	54.98	
32 93 33 00-0721	EA	30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	36.32	
32 93 33 00-0722	EA	36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	43.58	
32 93 33 00-0723	EA	24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	33.02	
32 93 33 00-0724	EA	30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	39.62	
32 93 33 00-0725	EA	36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	46.22	
32 93 33 00-0726	EA	42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	52.83	
32 93 33 00-0727	EA	1 Gallon Viburnum davidii - David Viburnum	4.78	
32 93 33 00-0728	EA	5 Gallon Viburnum davidii - David Viburnum	11.82	
32 93 33 00-0729	EA	36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	18.49	
32 93 33 00-0730	EA	42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	19.81	
32 93 33 00-0731	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	23.11	
32 93 33 00-0732	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	26.41	
32 93 33 00-0733	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	29.06	
32 93 33 00-0734	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	17.83	
32 93 33 00-0735	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	19.81	
32 93 33 00-0736	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	25.09	
32 93 33 00-0737	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	29.06	
32 93 33 00-0738	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	39.62	
32 93 33 00-0739	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	47.54	
32 93 33 00-0740	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	19.81	
32 93 33 00-0741	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	26.41	
32 93 33 00-0742	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	33.02	
32 93 33 00-0743	EA	6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	46.22	
32 93 33 00-0744	EA	7' B&B Viburnum lentago & cvs - Nannyberry Viburnum	66.03	
32 93 33 00-0745	EA	8' B&B Viburnum lentago & cvs - Nannyberry Viburnum	92.45	
32 93 33 00-0746	EA	9' B&B Viburnum lentago & cvs - Nannyberry Viburnum	118.86	
32 93 33 00-0747	EA	30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	23.77	
32 93 33 00-0748	EA	36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	26.41	
32 93 33 00-0749	EA	36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	47.54	
32 93 33 00-0750	EA	48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	72.64	
32 93 33 00-0751	EA	60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	92.45	
32 93 33 00-0752	EA	72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	112.26	
32 93 33 00-0753	EA	84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	138.67	
32 93 33 00-0754	EA	96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	165.09	
32 93 33 00-0755	EA	108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	198.10	
32 93 33 00-0756	EA	120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	231.12	
32 93 33 00-0757	EA	30" B&B Viburnum sargenti & cvs - Sargent Viburnum	20.14	
32 93 33 00-0758	EA	36" B&B Viburnum sargenti & cvs - Sargent Viburnum	22.12	
32 93 33 00-0759	EA	48" B&B Viburnum sargenti & cvs - Sargent Viburnum	25.09	
32 93 33 00-0760	EA	60" B&B Viburnum sargenti & cvs - Sargent Viburnum	29.06	
32 93 33 00-0761	EA	72" B&B Viburnum sargenti & cvs - Sargent Viburnum	33.35	
32 93 33 00-0762	EA	18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	19.15	
32 93 33 00-0763	EA	24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	23.11	
32 93 33 00-0764	EA	30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	27.73	
32 93 33 00-0765	EA	36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	31.70	
32 93 33 00-0766	EA	42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	38.30	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0767	EA	48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	42.26	
32 93 33 00-0768	EA	30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	33.02	
32 93 33 00-0769	EA	36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	39.62	
32 93 33 00-0770	EA	42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	46.22	
32 93 33 00-0771	EA	48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	52.83	
32 93 33 00-0772	EA	60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	59.43	
32 93 33 00-0773	EA	30" B&B Viburnum x juddii & cvs - Judd Viburnum	42.26	
32 93 33 00-0774	EA	36" B&B Viburnum x juddii & cvs - Judd Viburnum	47.54	
32 93 33 00-0775	EA	42" B&B Viburnum x juddii & cvs - Judd Viburnum	54.15	
32 93 33 00-0776	EA	48" B&B Viburnum x juddii & cvs - Judd Viburnum	62.07	
32 93 33 00-0777	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	39.09	
32 93 33 00-0778	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	48.17	
32 93 33 00-0779	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	70.73	
32 93 33 00-0780	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	21.79	
32 93 33 00-0781	EA	24" B&B Weigela florida & cvs - Old Fashioned Weigela	19.81	
32 93 33 00-0782	EA	30" B&B Weigela florida & cvs - Old Fashioned Weigela	22.45	
32 93 33 00-0783	EA	36" B&B Weigela florida & cvs - Old Fashioned Weigela	25.09	
32 93 33 00-0784	EA	42" B&B Weigela florida & cvs - Old Fashioned Weigela	29.06	
32 93 33 00-0785	EA	48" B&B Weigela florida & cvs - Old Fashioned Weigela	33.02	
32 93 33 00-0786	EA	1 Gallon Xylosma congestum - Shiny Xylosma	4.54	
32 93 33 00-0787	EA	5 Gallon Xylosma congestum - Shiny Xylosma	12.84	
32 93 33 00-0788	EA	15 Gallon Xylosma congestum - Shiny Xylosma	56.47	
32 93 33 00-0789	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	3.83	
32 93 33 00-0790	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	10.14	
32 93 33 00-0791	EA	1 Gallon Yucca filamentosa - Adams Needle	5.32	
32 93 33 00-0792	EA	3 Gallon Yucca filamentosa - Adams Needle	10.36	
32 93 33 00-0793	EA	5 Gallon Yucca filamentosa - Adams Needle	16.39	
32 93 33 00-0794	EA	5 Gallon Border Forsythia - Goldenbells	18.23	
32 93 33 00-0795	EA	2' To 3' Border Forsythia - Goldenbells	15.04	
32 93 33 00-0796	EA	3' To 4' Border Forsythia - Goldenbells	19.01	
32 93 33 00-0797	EA	4' To 5' Border Forsythia - Goldenbells	23.69	
32 93 33 00-0798	EA	5' To 6' Border Forsythia - Goldenbells	28.45	
32 93 33 00-0799	EA	6' To 8' Border Forsythia - Goldenbells	39.09	
32 93 33 00-0800	EA	3' Juniperus chinensis - Columnar Chinese Juniper	38.73	
32 93 33 00-0801	EA	4' Juniperus chinensis - Columnar Chinese Juniper	53.16	
32 93 33 00-0802	EA	5' Juniperus chinensis - Columnar Chinese Juniper	83.53	
32 93 33 00-0803	EA	6' Juniperus chinensis - Columnar Chinese Juniper	97.20	
32 93 33 00-0804	EA	7' Juniperus chinensis - Columnar Chinese Juniper	127.58	
32 93 33 00-0805	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	7.59	
32 93 33 00-0806	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	10.63	
32 93 33 00-0807	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	25.74	
32 93 33 00-0808	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	7.59	
32 93 33 00-0809	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	10.63	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only.

32 93 43 00-0001 Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	117.80	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	143.98	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	163.61	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	189.79	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	215.96	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	255.23	
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	341.30	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	418.84	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	523.55	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	104.71	
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	261.77	
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	340.31	
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	392.66	
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	445.02	
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	523.55	
32 93 43 00-0017	EA	36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	52.83	
32 93 43 00-0018	EA	48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	66.03	
32 93 43 00-0019	EA	60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	81.88	
32 93 43 00-0020	EA	60" B&B Amelanchier arborea & cvs - Downy Serviceberry	66.03	
32 93 43 00-0021	EA	72" B&B Amelanchier arborea & cvs - Downy Serviceberry	79.24	
32 93 43 00-0022	EA	7' B&B Amelanchier arborea & cvs - Downy Serviceberry	92.45	
32 93 43 00-0023	EA	8' B&B Amelanchier arborea & cvs - Downy Serviceberry	105.66	
32 93 43 00-0024	EA	5' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	118.86	
32 93 43 00-0025	EA	6' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	132.07	
32 93 43 00-0026	EA	7' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	151.88	
32 93 43 00-0027	EA	8' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	171.69	
32 93 43 00-0028	EA	9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	198.10	
32 93 43 00-0029	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	130.89	
32 93 43 00-0030	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	183.24	
32 93 43 00-0031	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	196.33	
32 93 43 00-0032	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	229.05	
32 93 43 00-0033	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	163.61	
32 93 43 00-0034	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	196.33	
32 93 43 00-0035	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	229.05	
32 93 43 00-0036	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	261.77	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0037	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	294.50	
32 93 43 00-0038	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	327.22	
32 93 43 00-0039	EA	7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	151.88	
32 93 43 00-0040	EA	8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	178.29	
32 93 43 00-0041	EA	9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	204.71	
32 93 43 00-0042	EA	10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	224.52	
32 93 43 00-0043	EA	30" B&B Amelanchier stolonifera & cvs - Running Serviceberry	52.83	
32 93 43 00-0044	EA	48" B&B Amelanchier stolonifera & cvs - Running Serviceberry	112.26	
32 93 43 00-0045	EA	60" B&B Amelanchier stolonifera & cvs - Running Serviceberry	145.28	
32 93 43 00-0046	EA	2' To 4' Amelemchier - Juneberry	16.08	
32 93 43 00-0047	EA	4' To 5' Amelemchier - Juneberry	16.87	
32 93 43 00-0048	EA	5' To 6' Amelemchier - Juneberry	20.08	
32 93 43 00-0049	EA	6' To 8' Amelemchier - Juneberry	23.96	
32 93 43 00-0050	EA	3' Clump Form Asimina triloba - Paw-Paw	91.62	
32 93 43 00-0051	EA	4' Clump Form Asimina triloba - Paw-Paw	104.71	
32 93 43 00-0052	EA	5' Clump Form Asimina triloba - Paw-Paw	143.98	
32 93 43 00-0053	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	196.33	
32 93 43 00-0054	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	229.05	
32 93 43 00-0055	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	294.50	
32 93 43 00-0056	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	117.80	
32 93 43 00-0057	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	143.98	
32 93 43 00-0058	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	196.33	
32 93 43 00-0059	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	229.05	
32 93 43 00-0060	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	274.86	
32 93 43 00-0061	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	333.76	
32 93 43 00-0062	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	379.57	
32 93 43 00-0063	EA	6' Cercis - American Redbud	73.30	
32 93 43 00-0064	EA	8' Cercis - American Redbud	100.85	
32 93 43 00-0065	EA	2-1/2" Caliper Cercis - American Redbud	207.72	
32 93 43 00-0066	EA	3" Caliper Cercis - American Redbud	252.87	
32 93 43 00-0067	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	63.98	
32 93 43 00-0068	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	79.98	
32 93 43 00-0069	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	157.06	
32 93 43 00-0070	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	215.96	
32 93 43 00-0071	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	274.86	
32 93 43 00-0072	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	150.52	
32 93 43 00-0073	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	176.70	
32 93 43 00-0074	EA	5' To 6' Chaenomeles - Orange Quince	41.34	
32 93 43 00-0075	EA	6' To 8' Chaenomeles - Orange Quince	51.68	
32 93 43 00-0076	EA	5' Clump Form Chionanthus virginicus - White Fringetree	130.89	
32 93 43 00-0077	EA	6' Clump Form Chionanthus virginicus - White Fringetree	163.61	
32 93 43 00-0078	EA	7' Clump Form Chionanthus virginicus - White Fringetree	209.42	
32 93 43 00-0079	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	47.25	
32 93 43 00-0080	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	59.06	
32 93 43 00-0081	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	82.68	
32 93 43 00-0082	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	106.31	
32 93 43 00-0083	EA	4' To 5' Cornus - White Flowering Dogwood	31.50	
32 93 43 00-0084	EA	5' To 6' Cornus - White Flowering Dogwood	47.25	
32 93 43 00-0085	EA	6' To 7' Cornus - White Flowering Dogwood	66.15	
32 93 43 00-0086	EA	3' To 4' Cornus kousa - Japanese Dogwood	31.50	
32 93 43 00-0087	EA	4' To 5' Cornus kousa - Japanese Dogwood	36.22	
32 93 43 00-0088	EA	5' To 6' Cornus kousa - Japanese Dogwood	47.25	
32 93 43 00-0089	EA	6' To 8' Cornus kousa - Japanese Dogwood	69.30	
32 93 43 00-0090	EA	8' To 10' Cornus kousa - Japanese Dogwood	94.49	
32 93 43 00-0091	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	150.52	
32 93 43 00-0092	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	183.24	
32 93 43 00-0093	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	71.99	
32 93 43 00-0094	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	91.62	
32 93 43 00-0095	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	104.71	
32 93 43 00-0096	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	117.80	
32 93 43 00-0097	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	143.98	
32 93 43 00-0098	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	71.99	
32 93 43 00-0099	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	91.62	
32 93 43 00-0100	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	111.25	
32 93 43 00-0101	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	130.89	
32 93 43 00-0102	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	183.24	
32 93 43 00-0103	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	163.61	
32 93 43 00-0104	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	196.33	
32 93 43 00-0105	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	229.05	
32 93 43 00-0106	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0107	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	163.61	
32 93 43 00-0108	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	202.87	
32 93 43 00-0109	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0110	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	261.77	
32 93 43 00-0111	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0112	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0113	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	157.06	
32 93 43 00-0114	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	183.24	
32 93 43 00-0115	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0116	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0117	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	104.71	
32 93 43 00-0118	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	117.80	
32 93 43 00-0119	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0120	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	150.52	
32 93 43 00-0121	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	196.33	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0122	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	222.51	
32 93 43 00-0123	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	91.62	
32 93 43 00-0124	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	111.25	
32 93 43 00-0125	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0126	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	163.61	
32 93 43 00-0127	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	202.87	
32 93 43 00-0128	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	242.14	
32 93 43 00-0129	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	281.41	
32 93 43 00-0130	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	104.71	
32 93 43 00-0131	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	117.80	
32 93 43 00-0132	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	163.61	
32 93 43 00-0133	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	215.96	
32 93 43 00-0134	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	98.17	
32 93 43 00-0135	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	130.89	
32 93 43 00-0136	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	163.61	
32 93 43 00-0137	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	196.33	
32 93 43 00-0138	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	65.44	
32 93 43 00-0139	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	85.08	
32 93 43 00-0140	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	104.71	
32 93 43 00-0141	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	143.98	
32 93 43 00-0142	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	196.33	
32 93 43 00-0143	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	3.76	
32 93 43 00-0144	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	12.04	
32 93 43 00-0145	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	20.70	
32 93 43 00-0146	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	39.51	
32 93 43 00-0147	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	52.68	
32 93 43 00-0148	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	67.73	
32 93 43 00-0149	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	24.80	
32 93 43 00-0150	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	37.21	
32 93 43 00-0151	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	46.51	
32 93 43 00-0152	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	57.93	
32 93 43 00-0153	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	98.17	
32 93 43 00-0154	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	130.89	
32 93 43 00-0155	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	170.15	
32 93 43 00-0156	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	189.79	
32 93 43 00-0157	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	255.23	
32 93 43 00-0158	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	229.05	
32 93 43 00-0159	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	98.17	
32 93 43 00-0160	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	130.89	
32 93 43 00-0161	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	170.15	
32 93 43 00-0162	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	189.79	
32 93 43 00-0163	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	229.05	
32 93 43 00-0164	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	255.23	
32 93 43 00-0165	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	98.17	
32 93 43 00-0166	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	130.89	
32 93 43 00-0167	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	170.15	
32 93 43 00-0168	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	189.79	
32 93 43 00-0169	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	229.05	
32 93 43 00-0170	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	255.23	
32 93 43 00-0171	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	98.17	
32 93 43 00-0172	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	130.89	
32 93 43 00-0173	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	170.15	
32 93 43 00-0174	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	189.79	
32 93 43 00-0175	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	229.05	
32 93 43 00-0176	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	255.23	
32 93 43 00-0177	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	98.17	
32 93 43 00-0178	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	130.89	
32 93 43 00-0179	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	170.15	
32 93 43 00-0180	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	189.79	
32 93 43 00-0181	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	229.05	
32 93 43 00-0182	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	255.23	
32 93 43 00-0183	EA	5 Gallon Malus - Crabapple	26.58	
32 93 43 00-0184	EA	15 Gallon Malus - Crabapple	67.77	
32 93 43 00-0185	EA	20 Gallon Malus - Crabapple	79.73	
32 93 43 00-0186	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	78.53	
32 93 43 00-0187	EA	2" Caliper Malus cvs - Crabapple Varieties	104.71	
32 93 43 00-0188	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	130.89	
32 93 43 00-0189	EA	3" Caliper Malus cvs - Crabapple Varieties	157.06	
32 93 43 00-0190	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	183.24	
32 93 43 00-0191	EA	4" Caliper Malus cvs - Crabapple Varieties	209.42	
32 93 43 00-0192	EA	6' Clump Form Malus cvs - Crabapple Varieties	117.80	
32 93 43 00-0193	EA	7' Clump Form Malus cvs - Crabapple Varieties	130.89	
32 93 43 00-0194	EA	8' Clump Form Malus cvs - Crabapple Varieties	163.61	
32 93 43 00-0195	EA	10' Clump Form Malus cvs - Crabapple Varieties	183.24	
32 93 43 00-0196	EA	12' Clump Form Malus cvs - Crabapple Varieties	235.60	
32 93 43 00-0197	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	130.89	
32 93 43 00-0198	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	163.61	
32 93 43 00-0199	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	98.17	
32 93 43 00-0200	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	124.34	
32 93 43 00-0201	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	150.52	
32 93 43 00-0202	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	170.15	
32 93 43 00-0203	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	189.79	
32 93 43 00-0204	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	209.42	
32 93 43 00-0205	EA	4' To 5' Oxydendrum arboreum - Sourwood	60.04	
32 93 43 00-0206	EA	5' To 6' Oxydendrum arboreum - Sourwood	75.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0207	EA	6' To 7' Oxydendrum arboreum - Sourwood	90.06	
32 93 43 00-0208	EA	7' To 8' Oxydendrum arboreum - Sourwood	105.08	
32 93 43 00-0209	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	8.15	
32 93 43 00-0210	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	34.52	
32 93 43 00-0211	EA	20 Gallon Prunus subhirtella - Flowering Cherry	92.03	
32 93 43 00-0212	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	95.13	
32 93 43 00-0213	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	118.90	
32 93 43 00-0214	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	248.14	
32 93 43 00-0215	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	191.25	
32 93 43 00-0216	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	372.22	
32 93 43 00-0217	EA	4' To 6' Prunus - Pigeon Plum	37.63	
32 93 43 00-0218	EA	8' To 10' Prunus - Pigeon Plum	127.94	
32 93 43 00-0219	EA	10' To 12' Prunus - Pigeon Plum	162.56	
32 93 43 00-0220	EA	14' To 16' Prunus - Pigeon Plum	255.88	
32 93 43 00-0221	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	23.77	
32 93 43 00-0222	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	65.11	
32 93 43 00-0223	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	84.80	
32 93 43 00-0224	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	26.87	
32 93 43 00-0225	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	51.68	
32 93 43 00-0226	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	95.13	
32 93 43 00-0227	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	113.74	
32 93 43 00-0228	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	74.46	
32 93 43 00-0229	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	62.01	
32 93 43 00-0230	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	90.95	
32 93 43 00-0231	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	108.57	
32 93 43 00-0232	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	139.58	
32 93 43 00-0233	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	53.79	
32 93 43 00-0234	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	82.73	
32 93 43 00-0235	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	101.29	
32 93 43 00-0236	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	129.24	
32 93 43 00-0237	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	71.85	
32 93 43 00-0238	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	89.82	
32 93 43 00-0239	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	93.41	
32 93 43 00-0240	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	111.37	
32 93 43 00-0241	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	150.89	
32 93 43 00-0242	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	197.60	
32 93 43 00-0243	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	251.49	
32 93 43 00-0244	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	71.85	
32 93 43 00-0245	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	89.82	
32 93 43 00-0246	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	61.08	
32 93 43 00-0247	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	93.41	
32 93 43 00-0248	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	111.28	
32 93 43 00-0249	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	150.89	
32 93 43 00-0250	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	197.60	
32 93 43 00-0251	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	130.89	
32 93 43 00-0252	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	163.61	
32 93 43 00-0253	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	202.87	
32 93 43 00-0254	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	229.05	
32 93 43 00-0255	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	255.23	
32 93 43 00-0256	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	327.22	
32 93 43 00-0257	EA	1 Gallon Ribes aureum - Golden Current	7.13	
32 93 43 00-0258	EA	5 Gallon Ribes aureum - Golden Current	20.40	
32 93 43 00-0259	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	7.13	
32 93 43 00-0260	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	20.40	
32 93 43 00-0261	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	7.13	
32 93 43 00-0262	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	20.40	
32 93 43 00-0263	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	174.99	
32 93 43 00-0264	EA	2" Caliper Sophora japonica - Japanese Pagoda	196.86	
32 93 43 00-0265	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	229.67	
32 93 43 00-0266	EA	3" Caliper Sophora japonica - Japanese Pagoda	335.92	
32 93 43 00-0267	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	507.78	
32 93 43 00-0268	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	130.89	
32 93 43 00-0269	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	163.61	
32 93 43 00-0270	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	202.87	
32 93 43 00-0271	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	248.69	
32 93 43 00-0272	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	301.04	
32 93 43 00-0273	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	359.94	
32 93 43 00-0274	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	170.15	
32 93 43 00-0275	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	183.24	
32 93 43 00-0276	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	222.51	
32 93 43 00-0277	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	104.71	
32 93 43 00-0278	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	124.34	
32 93 43 00-0279	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	143.98	
32 93 43 00-0280	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	163.61	
32 93 43 00-0281	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	189.79	
32 93 43 00-0282	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	242.14	
32 93 43 00-0283	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	274.86	
32 93 43 00-0284	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	314.13	
32 93 43 00-0285	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	22.61	
32 93 43 00-0286	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	59.62	
32 93 43 00-0287	EA	24" Box Celtis Sinensis - Chinese Hackberry	195.30	
32 93 43 00-0288	EA	36" Box Celtis Sinensis - Chinese Hackberry	570.48	
32 93 43 00-0289	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	22.61	
32 93 43 00-0290	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	59.62	
32 93 43 00-0291	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	195.30	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0292	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	570.48	
32 93 43 00-0293	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	6.68	
32 93 43 00-0294	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	18.50	
32 93 43 00-0295	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	81.20	
32 93 43 00-0296	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	195.30	
32 93 43 00-0297	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	513.95	
32 93 43 00-0298	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	50.37	
32 93 43 00-0299	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	164.46	
32 93 43 00-0300	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	436.86	
32 93 43 00-0301	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	976.50	
32 93 43 00-0302	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	14.39	
32 93 43 00-0303	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	50.37	
32 93 43 00-0304	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	164.46	
32 93 43 00-0305	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	436.86	
32 93 43 00-0306	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	976.50	
32 93 43 00-0307	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	14.39	
32 93 43 00-0308	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	60.65	
32 93 43 00-0309	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	164.46	
32 93 43 00-0310	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	462.56	
32 93 43 00-0311	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	1,182.08	
32 93 43 00-0312	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	14.39	
32 93 43 00-0313	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	60.65	
32 93 43 00-0314	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	164.46	
32 93 43 00-0315	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	462.56	
32 93 43 00-0316	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	1,182.08	
32 93 43 00-0317	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	14.39	
32 93 43 00-0318	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	60.65	
32 93 43 00-0319	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	164.46	
32 93 43 00-0320	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	462.56	
32 93 43 00-0321	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	1,182.08	
32 93 43 00-0322	EA	1 Gallon Pittosporum undulatum - Victorian Box	4.63	
32 93 43 00-0323	EA	5 Gallon Pittosporum undulatum - Victorian Box	14.39	
32 93 43 00-0324	EA	15 Gallon Pittosporum undulatum - Victorian Box	60.65	
32 93 43 00-0325	EA	24" Box Pittosporum undulatum - Victorian Box	164.46	
32 93 43 00-0326	EA	36" Box Pittosporum undulatum - Victorian Box	462.56	
32 93 43 00-0327	EA	48" Box Pittosporum undulatum - Victorian Box	1,182.08	
32 93 43 00-0328	EA	15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	51.34	
32 93 43 00-0329	EA	24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	184.97	

32 93 43 00-0330 Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0331	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	292.02	
32 93 43 00-0332	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	357.96	
32 93 43 00-0333	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	466.29	
32 93 43 00-0334	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	604.45	
32 93 43 00-0335	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	30.80	
32 93 43 00-0336	EA	4' To 5' Acer palmatum - Japanese Maple	64.68	
32 93 43 00-0337	EA	5' To 6' Acer palmatum - Japanese Maple	84.70	
32 93 43 00-0338	EA	6' To 7' Acer palmatum - Japanese Maple	154.00	
32 93 43 00-0339	EA	7' To 8' Acer palmatum - Japanese Maple	215.60	
32 93 43 00-0340	EA	8' To 10' Acer palmatum - Japanese Maple	277.21	
32 93 43 00-0341	EA	10' To 12' Acer palmatum - Japanese Maple	369.61	
32 93 43 00-0342	EA	2" Caliper Acer platanoides & cvs - Norway Maple	157.00	
32 93 43 00-0343	EA	2" Caliper Acer platanoides & cvs - Norway Maple	191.13	
32 93 43 00-0344	EA	3" Caliper Acer platanoides & cvs - Norway Maple	245.74	
32 93 43 00-0345	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	286.70	
32 93 43 00-0346	EA	4" Caliper Acer platanoides & cvs - Norway Maple	307.17	
32 93 43 00-0347	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	334.48	
32 93 43 00-0348	EA	5" Caliper Acer platanoides & cvs - Norway Maple	375.43	
32 93 43 00-0349	EA	2" Caliper Acer rubrum & cvs - Red Maple	150.17	
32 93 43 00-0350	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	191.13	
32 93 43 00-0351	EA	3" Caliper Acer rubrum & cvs - Red Maple	245.74	
32 93 43 00-0352	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	300.35	
32 93 43 00-0353	EA	4" Caliper Acer rubrum & cvs - Red Maple	341.30	
32 93 43 00-0354	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	395.91	
32 93 43 00-0355	EA	5" Caliper Acer rubrum & cvs - Red Maple	443.70	
32 93 43 00-0356	EA	8' Clump Form Acer rubrum & cvs - Red Maple	184.30	
32 93 43 00-0357	EA	10' Clump Form Acer rubrum & cvs - Red Maple	245.74	
32 93 43 00-0358	EA	12' Clump Form Acer rubrum & cvs - Red Maple	286.70	
32 93 43 00-0359	EA	14' Clump Form Acer rubrum & cvs - Red Maple	327.65	
32 93 43 00-0360	EA	16' Clump Form Acer rubrum & cvs - Red Maple	368.61	
32 93 43 00-0361	EA	18' Clump Form Acer rubrum & cvs - Red Maple	409.57	
32 93 43 00-0362	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	122.87	
32 93 43 00-0363	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	163.83	
32 93 43 00-0364	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	204.78	
32 93 43 00-0365	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	245.74	
32 93 43 00-0366	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	286.70	
32 93 43 00-0367	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	327.65	
32 93 43 00-0368	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	368.61	
32 93 43 00-0369	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	150.17	
32 93 43 00-0370	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	197.96	
32 93 43 00-0371	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	238.91	
32 93 43 00-0372	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	273.04	
32 93 43 00-0373	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	320.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0374	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	368.61	
32 93 43 00-0375	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	409.57	
32 93 43 00-0376	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	273.04	
32 93 43 00-0377	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	320.83	
32 93 43 00-0378	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	375.43	
32 93 43 00-0379	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	416.39	
32 93 43 00-0380	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	505.13	
32 93 43 00-0381	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	546.09	
32 93 43 00-0382	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	170.65	
32 93 43 00-0383	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	211.61	
32 93 43 00-0384	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	259.39	
32 93 43 00-0385	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	300.35	
32 93 43 00-0386	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	327.65	
32 93 43 00-0387	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	361.78	
32 93 43 00-0388	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	402.74	
32 93 43 00-0389	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	245.74	
32 93 43 00-0390	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	324.92	
32 93 43 00-0391	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	378.17	
32 93 43 00-0392	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	416.39	
32 93 43 00-0393	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	505.13	
32 93 43 00-0394	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	546.09	
32 93 43 00-0395	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	238.91	
32 93 43 00-0396	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	266.22	
32 93 43 00-0397	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	300.35	
32 93 43 00-0398	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	341.30	
32 93 43 00-0399	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	409.57	
32 93 43 00-0400	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	238.91	
32 93 43 00-0401	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	266.22	
32 93 43 00-0402	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	300.35	
32 93 43 00-0403	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	341.30	
32 93 43 00-0404	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	409.57	
32 93 43 00-0405	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	170.65	
32 93 43 00-0406	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	197.96	
32 93 43 00-0407	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	225.26	
32 93 43 00-0408	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	259.39	
32 93 43 00-0409	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	177.48	
32 93 43 00-0410	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	218.43	
32 93 43 00-0411	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	245.74	
32 93 43 00-0412	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	273.04	
32 93 43 00-0413	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	307.17	
32 93 43 00-0414	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	341.30	
32 93 43 00-0415	EA	2" Caliper Betula nigra - River Birch	170.65	
32 93 43 00-0416	EA	2-1/2" Caliper Betula nigra - River Birch	193.25	
32 93 43 00-0417	EA	3" Caliper Betula nigra - River Birch	218.43	
32 93 43 00-0418	EA	3-1/2" Caliper Betula nigra - River Birch	273.04	
32 93 43 00-0419	EA	4" Caliper Betula nigra - River Birch	307.17	
32 93 43 00-0420	EA	4-1/2" Caliper Betula nigra - River Birch	341.30	
32 93 43 00-0421	EA	5" Caliper Betula nigra - River Birch	375.43	
32 93 43 00-0422	EA	8' Clump Form Betula nigra - River Birch	157.00	
32 93 43 00-0423	EA	10' Clump Form Betula nigra - River Birch	177.48	
32 93 43 00-0424	EA	12' Clump Form Betula nigra - River Birch	204.78	
32 93 43 00-0425	EA	14' Clump Form Betula nigra - River Birch	238.91	
32 93 43 00-0426	EA	16' Clump Form Betula nigra - River Birch	273.04	
32 93 43 00-0427	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	204.78	
32 93 43 00-0428	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	245.74	
32 93 43 00-0429	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	286.70	
32 93 43 00-0430	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	341.30	
32 93 43 00-0431	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	354.96	
32 93 43 00-0432	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	86.35	
32 93 43 00-0433	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	102.05	
32 93 43 00-0434	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	141.30	
32 93 43 00-0435	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	183.69	
32 93 43 00-0436	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	204.10	
32 93 43 00-0437	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	241.78	
32 93 43 00-0438	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	273.04	
32 93 43 00-0439	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	307.17	
32 93 43 00-0440	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	354.96	
32 93 43 00-0441	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	430.04	
32 93 43 00-0442	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	122.87	
32 93 43 00-0443	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	170.65	
32 93 43 00-0444	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	211.61	
32 93 43 00-0445	EA	2" Caliper Catalpa speciosa - Western Catalpa	150.17	
32 93 43 00-0446	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	204.78	
32 93 43 00-0447	EA	3" Caliper Catalpa speciosa - Western Catalpa	266.22	
32 93 43 00-0448	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	320.83	
32 93 43 00-0449	EA	4" Caliper Catalpa speciosa - Western Catalpa	368.61	
32 93 43 00-0450	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	191.13	
32 93 43 00-0451	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	218.43	
32 93 43 00-0452	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	266.22	
32 93 43 00-0453	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	314.00	
32 93 43 00-0454	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	361.78	
32 93 43 00-0455	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	409.57	
32 93 43 00-0456	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	238.91	
32 93 43 00-0457	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	273.04	
32 93 43 00-0458	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	320.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0459	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	382.26	
32 93 43 00-0460	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	191.13	
32 93 43 00-0461	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	225.26	
32 93 43 00-0462	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	273.04	
32 93 43 00-0463	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	341.30	
32 93 43 00-0464	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	409.57	
32 93 43 00-0465	EA	2" Caliper Cladrastus lutea - American Yellowwood	341.30	
32 93 43 00-0466	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	409.57	
32 93 43 00-0467	EA	3" Caliper Cladrastus lutea - American Yellowwood	477.83	
32 93 43 00-0468	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	546.09	
32 93 43 00-0469	EA	2" Caliper Corylus colurna - Turkish Filbert	211.61	
32 93 43 00-0470	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	238.91	
32 93 43 00-0471	EA	3" Caliper Corylus colurna - Turkish Filbert	273.04	
32 93 43 00-0472	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	314.00	
32 93 43 00-0473	EA	4" Caliper Corylus colurna - Turkish Filbert	375.43	
32 93 43 00-0474	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	436.87	
32 93 43 00-0475	EA	5" Caliper Corylus colurna - Turkish Filbert	498.30	
32 93 43 00-0476	EA	8' Clump Form Corylus colurna - Turkish Filbert	191.13	
32 93 43 00-0477	EA	10' Clump Form Corylus colurna - Turkish Filbert	232.09	
32 93 43 00-0478	EA	12' Clump Form Corylus colurna - Turkish Filbert	273.04	
32 93 43 00-0479	EA	14' Clump Form Corylus colurna - Turkish Filbert	307.17	
32 93 43 00-0480	EA	16' Clump Form Corylus colurna - Turkish Filbert	341.30	
32 93 43 00-0481	EA	1-1/2" Caliper Diospyros - Persimmon	122.87	
32 93 43 00-0482	EA	2" Caliper Diospyros - Persimmon	150.17	
32 93 43 00-0483	EA	2-1/2" Caliper Diospyros - Persimmon	191.13	
32 93 43 00-0484	EA	3" Caliper Diospyros - Persimmon	238.91	
32 93 43 00-0485	EA	3-1/2" Caliper Diospyros - Persimmon	286.70	
32 93 43 00-0486	EA	1-1/2" Caliper Fagus grandifolia - American Beech	273.04	
32 93 43 00-0487	EA	2" Caliper Fagus grandifolia - American Beech	354.96	
32 93 43 00-0488	EA	2-1/2" Caliper Fagus grandifolia - American Beech	450.52	
32 93 43 00-0489	EA	3" Caliper Fagus grandifolia - American Beech	546.09	
32 93 43 00-0490	EA	3-1/2" Caliper Fagus grandifolia - American Beech	648.48	
32 93 43 00-0491	EA	2" Caliper Fagus sylvatica & cvs - European Beech	307.17	
32 93 43 00-0492	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	368.61	
32 93 43 00-0493	EA	3" Caliper Fagus sylvatica & cvs - European Beech	443.70	
32 93 43 00-0494	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	491.48	
32 93 43 00-0495	EA	4" Caliper Fagus sylvatica & cvs - European Beech	580.22	
32 93 43 00-0496	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	750.87	
32 93 43 00-0497	EA	5" Caliper Fagus sylvatica & cvs - European Beech	887.39	
32 93 43 00-0498	EA	2" Caliper Fraxinus americana & cvs - White Ash	170.65	
32 93 43 00-0499	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	204.78	
32 93 43 00-0500	EA	3" Caliper Fraxinus americana & cvs - White Ash	259.39	
32 93 43 00-0501	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	314.00	
32 93 43 00-0502	EA	4" Caliper Fraxinus americana & cvs - White Ash	368.61	
32 93 43 00-0503	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	409.57	
32 93 43 00-0504	EA	5" Caliper Fraxinus americana & cvs - White Ash	477.83	
32 93 43 00-0505	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	150.17	
32 93 43 00-0506	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	177.48	
32 93 43 00-0507	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	238.91	
32 93 43 00-0508	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	286.70	
32 93 43 00-0509	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	341.30	
32 93 43 00-0510	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	368.61	
32 93 43 00-0511	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	409.57	
32 93 43 00-0512	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	204.78	
32 93 43 00-0513	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	252.57	
32 93 43 00-0514	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	307.17	
32 93 43 00-0515	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	375.43	
32 93 43 00-0516	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	443.70	
32 93 43 00-0517	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	238.91	
32 93 43 00-0518	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	266.22	
32 93 43 00-0519	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	300.35	
32 93 43 00-0520	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	334.48	
32 93 43 00-0521	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	375.43	
32 93 43 00-0522	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	409.57	
32 93 43 00-0523	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	614.35	
32 93 43 00-0524	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	682.61	
32 93 43 00-0525	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	163.83	
32 93 43 00-0526	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	204.78	
32 93 43 00-0527	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	245.74	
32 93 43 00-0528	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	286.70	
32 93 43 00-0529	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	327.65	
32 93 43 00-0530	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	368.61	
32 93 43 00-0531	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	436.87	
32 93 43 00-0532	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	211.61	
32 93 43 00-0533	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	259.39	
32 93 43 00-0534	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	307.17	
32 93 43 00-0535	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	361.78	
32 93 43 00-0536	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	409.57	
32 93 43 00-0537	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	457.35	
32 93 43 00-0538	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	511.96	
32 93 43 00-0539	EA	1-1/2" Caliper Juglans cinerea - Butternut	163.83	
32 93 43 00-0540	EA	2" Caliper Juglans cinerea - Butternut	191.13	
32 93 43 00-0541	EA	2-1/2" Caliper Juglans cinerea - Butternut	238.91	
32 93 43 00-0542	EA	3" Caliper Juglans cinerea - Butternut	300.35	
32 93 43 00-0543	EA	3-1/2" Caliper Juglans cinerea - Butternut	368.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0544	EA	1-1/2" Caliper Juglans californica - California Walnut	163.83	
32 93 43 00-0545	EA	2" Caliper Juglans californica - California Walnut	191.13	
32 93 43 00-0546	EA	2-1/2" Caliper Juglans californica - California Walnut	238.91	
32 93 43 00-0547	EA	3" Caliper Juglans californica - California Walnut	300.35	
32 93 43 00-0548	EA	3-1/2" Caliper Juglans californica - California Walnut	368.61	
32 93 43 00-0549	EA	4" Caliper Juglans californica - California Walnut	443.70	
32 93 43 00-0550	EA	4-1/2" Caliper Juglans californica - California Walnut	511.96	
32 93 43 00-0551	EA	5" Caliper Juglans californica - California Walnut	580.22	
32 93 43 00-0552	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	18.48	
32 93 43 00-0553	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	46.20	
32 93 43 00-0554	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	92.40	
32 93 43 00-0555	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	120.12	
32 93 43 00-0556	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	87.78	
32 93 43 00-0557	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	106.26	
32 93 43 00-0558	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	147.84	
32 93 43 00-0559	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	218.43	
32 93 43 00-0560	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	273.04	
32 93 43 00-0561	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	341.30	
32 93 43 00-0562	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	409.57	
32 93 43 00-0563	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	477.83	
32 93 43 00-0564	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	218.43	
32 93 43 00-0565	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	300.35	
32 93 43 00-0566	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	354.96	
32 93 43 00-0567	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	409.57	
32 93 43 00-0568	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	464.17	
32 93 43 00-0569	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	163.83	
32 93 43 00-0570	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	293.52	
32 93 43 00-0571	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	354.96	
32 93 43 00-0572	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	218.43	
32 93 43 00-0573	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	273.04	
32 93 43 00-0574	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	341.30	
32 93 43 00-0575	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	409.57	
32 93 43 00-0576	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	477.83	
32 93 43 00-0577	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	95.57	
32 93 43 00-0578	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	109.22	
32 93 43 00-0579	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	129.70	
32 93 43 00-0580	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	163.83	
32 93 43 00-0581	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	204.78	
32 93 43 00-0582	EA	2" Caliper Ostrya virginiana - American Hophornbeam	177.48	
32 93 43 00-0583	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	225.26	
32 93 43 00-0584	EA	3" Caliper Ostrya virginiana - American Hophornbeam	273.04	
32 93 43 00-0585	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	320.83	
32 93 43 00-0586	EA	4" Caliper Ostrya virginiana - American Hophornbeam	389.09	
32 93 43 00-0587	EA	2" Caliper Phellodendron amurense - Amur Corktree	136.52	
32 93 43 00-0588	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	170.65	
32 93 43 00-0589	EA	3" Caliper Phellodendron amurense - Amur Corktree	204.78	
32 93 43 00-0590	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	238.91	
32 93 43 00-0591	EA	4" Caliper Phellodendron amurense - Amur Corktree	273.04	
32 93 43 00-0592	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	307.17	
32 93 43 00-0593	EA	5" Caliper Phellodendron amurense - Amur Corktree	341.30	
32 93 43 00-0594	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	296.56	
32 93 43 00-0595	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	431.36	
32 93 43 00-0596	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	641.68	
32 93 43 00-0597	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	99.23	
32 93 43 00-0598	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	118.63	
32 93 43 00-0599	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	161.76	
32 93 43 00-0600	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	196.30	
32 93 43 00-0601	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	81.64	
32 93 43 00-0602	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	102.05	
32 93 43 00-0603	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	180.55	
32 93 43 00-0604	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	259.05	
32 93 43 00-0605	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	163.83	
32 93 43 00-0606	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	197.96	
32 93 43 00-0607	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	238.91	
32 93 43 00-0608	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	286.70	
32 93 43 00-0609	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	341.30	
32 93 43 00-0610	EA	2" Caliper Populus alba & cvs - White Poplar	163.83	
32 93 43 00-0611	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	191.13	
32 93 43 00-0612	EA	3" Caliper Populus alba & cvs - White Poplar	218.43	
32 93 43 00-0613	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	259.39	
32 93 43 00-0614	EA	4" Caliper Populus alba & cvs - White Poplar	286.70	
32 93 43 00-0615	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	327.65	
32 93 43 00-0616	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	150.17	
32 93 43 00-0617	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	197.96	
32 93 43 00-0618	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	238.91	
32 93 43 00-0619	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	286.70	
32 93 43 00-0620	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	341.30	
32 93 43 00-0621	EA	6' To 8' Quercus acutissima - Sawtooth Oak	51.33	
32 93 43 00-0622	EA	8' To 10' Quercus acutissima - Sawtooth Oak	77.00	
32 93 43 00-0623	EA	10' To 12' Quercus acutissima - Sawtooth Oak	89.84	
32 93 43 00-0624	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	102.67	
32 93 43 00-0625	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	115.50	
32 93 43 00-0626	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	406.57	
32 93 43 00-0627	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	547.93	
32 93 43 00-0628	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	741.04	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0629	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	989.10	
32 93 43 00-0630	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	1,193.20	
32 93 43 00-0631	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	1,318.80	
32 93 43 00-0632	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,774.10	
32 93 43 00-0633	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak	2,229.40	
32 93 43 00-0634	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	2,684.70	
32 93 43 00-0635	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	3,257.75	
32 93 43 00-0636	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	3,830.80	
32 93 43 00-0637	EA	2" Caliper Quercus alba - White Oak	204.78	
32 93 43 00-0638	EA	2-1/2" Caliper Quercus alba - White Oak	238.91	
32 93 43 00-0639	EA	3" Caliper Quercus alba - White Oak	300.35	
32 93 43 00-0640	EA	3-1/2" Caliper Quercus alba - White Oak	375.43	
32 93 43 00-0641	EA	4" Caliper Quercus alba - White Oak	443.70	
32 93 43 00-0642	EA	4-1/2" Caliper Quercus alba - White Oak	546.09	
32 93 43 00-0643	EA	5" Caliper Quercus alba - White Oak	648.48	
32 93 43 00-0644	EA	2" Caliper Quercus bicolor - Swamp White Oak	238.91	
32 93 43 00-0645	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	273.04	
32 93 43 00-0646	EA	3" Caliper Quercus bicolor - Swamp White Oak	314.00	
32 93 43 00-0647	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	348.13	
32 93 43 00-0648	EA	4" Caliper Quercus bicolor - Swamp White Oak	395.91	
32 93 43 00-0649	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	436.87	
32 93 43 00-0650	EA	5" Caliper Quercus bicolor - Swamp White Oak	491.48	
32 93 43 00-0651	EA	10' Clump Form Quercus bicolor - Swamp White Oak	341.30	
32 93 43 00-0652	EA	12' Clump Form Quercus bicolor - Swamp White Oak	409.57	
32 93 43 00-0653	EA	14' Clump Form Quercus bicolor - Swamp White Oak	477.83	
32 93 43 00-0654	EA	16' Clump Form Quercus bicolor - Swamp White Oak	546.09	
32 93 43 00-0655	EA	2" Caliper Quercus coccinea - Scarlet Oak	177.48	
32 93 43 00-0656	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	225.26	
32 93 43 00-0657	EA	3" Caliper Quercus coccinea - Scarlet Oak	279.87	
32 93 43 00-0658	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	341.30	
32 93 43 00-0659	EA	4" Caliper Quercus coccinea - Scarlet Oak	409.57	
32 93 43 00-0660	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	484.65	
32 93 43 00-0661	EA	5" Caliper Quercus coccinea - Scarlet Oak	566.57	
32 93 43 00-0662	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	177.48	
32 93 43 00-0663	EA	2" Caliper Quercus imbricaria - Shingle Oak	238.91	
32 93 43 00-0664	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	320.83	
32 93 43 00-0665	EA	3" Caliper Quercus imbricaria - Shingle Oak	477.83	
32 93 43 00-0666	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	648.48	
32 93 43 00-0667	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	177.48	
32 93 43 00-0668	EA	2" Caliper Quercus macrocarpa - Bur Oak	211.61	
32 93 43 00-0669	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	252.57	
32 93 43 00-0670	EA	3" Caliper Quercus macrocarpa - Bur Oak	307.17	
32 93 43 00-0671	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	375.43	
32 93 43 00-0672	EA	4" Caliper Quercus macrocarpa - Bur Oak	443.70	
32 93 43 00-0673	EA	9' Clump Form Quercus macrocarpa - Bur Oak	409.57	
32 93 43 00-0674	EA	10' Clump Form Quercus macrocarpa - Bur Oak	477.83	
32 93 43 00-0675	EA	12' Clump Form Quercus macrocarpa - Bur Oak	546.09	
32 93 43 00-0676	EA	2" Caliper Quercus palustris - Pin Oak	150.17	
32 93 43 00-0677	EA	2-1/2" Caliper Quercus palustris - Pin Oak	204.78	
32 93 43 00-0678	EA	3" Caliper Quercus palustris - Pin Oak	266.22	
32 93 43 00-0679	EA	3-1/2" Caliper Quercus palustris - Pin Oak	307.17	
32 93 43 00-0680	EA	4" Caliper Quercus palustris - Pin Oak	354.96	
32 93 43 00-0681	EA	4-1/2" Caliper Quercus palustris - Pin Oak	402.74	
32 93 43 00-0682	EA	5" Caliper Quercus palustris - Pin Oak	443.70	
32 93 43 00-0683	EA	2" Caliper Quercus robur & cvs - English Oak	177.48	
32 93 43 00-0684	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	218.43	
32 93 43 00-0685	EA	3" Caliper Quercus robur & cvs - English Oak	259.39	
32 93 43 00-0686	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	307.17	
32 93 43 00-0687	EA	4" Caliper Quercus robur & cvs - English Oak	354.96	
32 93 43 00-0688	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	409.57	
32 93 43 00-0689	EA	5" Caliper Quercus robur & cvs - English Oak	464.17	
32 93 43 00-0690	EA	2" Caliper Quercus rubra - Red Oak	204.78	
32 93 43 00-0691	EA	2-1/2" Caliper Quercus rubra - Red Oak	238.91	
32 93 43 00-0692	EA	3" Caliper Quercus rubra - Red Oak	286.70	
32 93 43 00-0693	EA	3-1/2" Caliper Quercus rubra - Red Oak	341.30	
32 93 43 00-0694	EA	4" Caliper Quercus rubra - Red Oak	409.57	
32 93 43 00-0695	EA	4-1/2" Caliper Quercus rubra - Red Oak	477.83	
32 93 43 00-0696	EA	5" Caliper Quercus rubra - Red Oak	546.09	
32 93 43 00-0697	EA	16' Clump Form Quercus rubra - Red Oak	443.70	
32 93 43 00-0698	EA	18' Clump Form Quercus rubra - Red Oak	532.43	
32 93 43 00-0699	EA	20' Clump Form Quercus rubra - Red Oak	593.87	
32 93 43 00-0700	EA	2" Caliper Quercus shumardii - Shumard Oak	232.09	
32 93 43 00-0701	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	293.52	
32 93 43 00-0702	EA	3" Caliper Quercus shumardii - Shumard Oak	341.30	
32 93 43 00-0703	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	409.57	
32 93 43 00-0704	EA	4" Caliper Quercus shumardii - Shumard Oak	477.83	
32 93 43 00-0705	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	546.09	
32 93 43 00-0706	EA	5" Caliper Quercus shumardii - Shumard Oak	614.35	
32 93 43 00-0707	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	204.78	
32 93 43 00-0708	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	245.74	
32 93 43 00-0709	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	307.17	
32 93 43 00-0710	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	375.43	
32 93 43 00-0711	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	436.87	
32 93 43 00-0712	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	491.48	
32 93 43 00-0713	EA	24" Box Salix babylonica - Weeping Willow	172.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0714	EA	36" Box Salix babylonica - Weeping Willow	431.36	
32 93 43 00-0715	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	99.23	
32 93 43 00-0716	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	118.63	
32 93 43 00-0717	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	129.41	
32 93 43 00-0718	EA	2" Caliper Salix alba & cvs - White Willow	109.22	
32 93 43 00-0719	EA	2-1/2" Caliper Salix alba & cvs - White Willow	129.70	
32 93 43 00-0720	EA	3" Caliper Salix alba & cvs - White Willow	170.65	
32 93 43 00-0721	EA	3-1/2" Caliper Salix alba & cvs - White Willow	204.78	
32 93 43 00-0722	EA	4" Caliper Salix alba & cvs - White Willow	245.74	
32 93 43 00-0723	EA	4-1/2" Caliper Salix alba & cvs - White Willow	286.70	
32 93 43 00-0724	EA	5" Caliper Salix alba & cvs - White Willow	327.65	
32 93 43 00-0725	EA	5' Clump Form Sassafras albidum - Common Sassafras	129.70	
32 93 43 00-0726	EA	6' Clump Form Sassafras albidum - Common Sassafras	157.00	
32 93 43 00-0727	EA	7' Clump Form Sassafras albidum - Common Sassafras	197.96	
32 93 43 00-0728	EA	8' Clump Form Sassafras albidum - Common Sassafras	225.26	
32 93 43 00-0729	EA	10' Clump Form Sassafras albidum - Common Sassafras	252.57	
32 93 43 00-0730	EA	12' Clump Form Sassafras albidum - Common Sassafras	307.17	
32 93 43 00-0731	EA	14' Clump Form Sassafras albidum - Common Sassafras	375.43	
32 93 43 00-0732	EA	16' Clump Form Sassafras albidum - Common Sassafras	443.70	
32 93 43 00-0733	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	226.08	
32 93 43 00-0734	EA	2" Caliper Sophora japonica - Chinese Scholar	251.20	
32 93 43 00-0735	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	337.55	
32 93 43 00-0736	EA	3" Caliper Sophora japonica - Chinese Scholar	439.60	
32 93 43 00-0737	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	510.25	
32 93 43 00-0738	EA	10' To 12' Swietenia Mahagoni - Mahogany	120.89	
32 93 43 00-0739	EA	12' To 14' Swietenia Mahagoni - Mahogany	141.30	
32 93 43 00-0740	EA	14' To 16' Swietenia Mahagoni - Mahogany	188.40	
32 93 43 00-0741	EA	16' To 18' Swietenia Mahagoni - Mahogany	211.95	
32 93 43 00-0742	EA	2" Caliper Taxodium distichum - Common Bald Cypress	170.65	
32 93 43 00-0743	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	197.96	
32 93 43 00-0744	EA	3" Caliper Taxodium distichum - Common Bald Cypress	238.91	
32 93 43 00-0745	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	273.04	
32 93 43 00-0746	EA	4" Caliper Taxodium distichum - Common Bald Cypress	300.35	
32 93 43 00-0747	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	150.17	
32 93 43 00-0748	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	170.65	
32 93 43 00-0749	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	245.74	
32 93 43 00-0750	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	273.04	
32 93 43 00-0751	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	307.17	
32 93 43 00-0752	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	354.96	
32 93 43 00-0753	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	409.57	
32 93 43 00-0754	EA	2' Thuja occidentalis - American Arborviatae	23.39	
32 93 43 00-0755	EA	2-1/2' Thuja occidentalis - American Arborviatae	25.28	
32 93 43 00-0756	EA	3' Thuja occidentalis - American Arborviatae	36.11	
32 93 43 00-0757	EA	4' Thuja occidentalis - American Arborviatae	49.61	
32 93 43 00-0758	EA	5' Thuja occidentalis - American Arborviatae	69.08	
32 93 43 00-0759	EA	6' Thuja occidentalis - American Arborviatae	95.77	
32 93 43 00-0760	EA	7' Thuja occidentalis - American Arborviatae	116.18	
32 93 43 00-0761	EA	8' Thuja occidentalis - American Arborviatae	163.28	
32 93 43 00-0762	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	170.65	
32 93 43 00-0763	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	197.96	
32 93 43 00-0764	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	252.57	
32 93 43 00-0765	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	293.52	
32 93 43 00-0766	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	334.48	
32 93 43 00-0767	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	375.43	
32 93 43 00-0768	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	409.57	
32 93 43 00-0769	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	218.43	
32 93 43 00-0770	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	238.91	
32 93 43 00-0771	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	273.04	
32 93 43 00-0772	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	314.00	
32 93 43 00-0773	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	171.68	
32 93 43 00-0774	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	207.38	
32 93 43 00-0775	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	238.91	
32 93 43 00-0776	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	293.52	
32 93 43 00-0777	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	334.48	
32 93 43 00-0778	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	375.43	
32 93 43 00-0779	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	416.39	
32 93 43 00-0780	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	191.13	
32 93 43 00-0781	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	211.61	
32 93 43 00-0782	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	232.09	
32 93 43 00-0783	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	259.39	
32 93 43 00-0784	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	300.35	
32 93 43 00-0785	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	354.96	
32 93 43 00-0786	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	464.17	
32 93 43 00-0787	EA	2" Caliper Tilia x euchlora - Crimean Linden	191.13	
32 93 43 00-0788	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	245.74	
32 93 43 00-0789	EA	3" Caliper Tilia x euchlora - Crimean Linden	300.35	
32 93 43 00-0790	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	341.30	
32 93 43 00-0791	EA	4" Caliper Tilia x euchlora - Crimean Linden	382.26	
32 93 43 00-0792	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	430.04	
32 93 43 00-0793	EA	5" Caliper Tilia x euchlora - Crimean Linden	464.17	
32 93 43 00-0794	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	191.13	
32 93 43 00-0795	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	218.43	
32 93 43 00-0796	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	238.91	
32 93 43 00-0797	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	259.39	
32 93 43 00-0798	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	286.70	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0799	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	341.30	
32 93 43 00-0800	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	402.74	
32 93 43 00-0801	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	218.43	
32 93 43 00-0802	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	238.91	
32 93 43 00-0803	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	259.39	
32 93 43 00-0804	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	286.70	
32 93 43 00-0805	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	341.30	
32 93 43 00-0806	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	402.74	
32 93 43 00-0807	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	464.17	
32 93 43 00-0808	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	218.43	
32 93 43 00-0809	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	238.91	
32 93 43 00-0810	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	259.39	
32 93 43 00-0811	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	286.70	
32 93 43 00-0812	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	341.30	
32 93 43 00-0813	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	402.74	
32 93 43 00-0814	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	464.17	
32 93 43 00-0815	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree	105.65	
32 93 43 00-0816	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree	129.41	
32 93 43 00-0817	EA	2-1/2' To 3" Caliper Zelkova serrata - Japanese Keaki Tree	163.96	

32 93 43 00-0818 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0819	EA	6' Abies balsamea - Balsam Fir	80.83	
32 93 43 00-0820	EA	7' Abies balsamea - Balsam Fir	101.03	
32 93 43 00-0821	EA	8' Abies balsamea - Balsam Fir	121.24	
32 93 43 00-0822	EA	9' Abies balsamea - Balsam Fir	161.65	
32 93 43 00-0823	EA	10' Abies balsamea - Balsam Fir	202.07	
32 93 43 00-0824	EA	12' Abies balsamea - Balsam Fir	242.48	
32 93 43 00-0825	EA	6' Abies concolor - White Fir	117.20	
32 93 43 00-0826	EA	7' Abies concolor - White Fir	133.36	
32 93 43 00-0827	EA	8' Abies concolor - White Fir	157.61	
32 93 43 00-0828	EA	9' Abies concolor - White Fir	181.86	
32 93 43 00-0829	EA	10' Abies concolor - White Fir	214.19	
32 93 43 00-0830	EA	12' Abies concolor - White Fir	262.68	
32 93 43 00-0831	EA	14' Abies concolor - White Fir	323.30	
32 93 43 00-0832	EA	16' Abies concolor - White Fir	363.72	
32 93 43 00-0833	EA	6' Abies fraseri - Frasier Fir	80.83	
32 93 43 00-0834	EA	7' Abies fraseri - Frasier Fir	101.03	
32 93 43 00-0835	EA	8' Abies fraseri - Frasier Fir	121.24	
32 93 43 00-0836	EA	9' Abies fraseri - Frasier Fir	161.65	
32 93 43 00-0837	EA	10' Abies fraseri - Frasier Fir	202.07	
32 93 43 00-0838	EA	12' Abies fraseri - Frasier Fir	242.48	
32 93 43 00-0839	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	14.56	
32 93 43 00-0840	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	23.40	
32 93 43 00-0841	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	34.77	
32 93 43 00-0842	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	46.77	
32 93 43 00-0843	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	66.41	
32 93 43 00-0844	EA	5 Gallon Cedrus deodara - Indian Cedar	8.33	
32 93 43 00-0845	EA	6' To 8' Cedrus deodara - Indian Cedar	60.09	
32 93 43 00-0846	EA	8' To 10' Cedrus deodara - Indian Cedar	69.57	
32 93 43 00-0847	EA	10' To 12' Cedrus deodara - Indian Cedar	94.85	
32 93 43 00-0848	EA	12' To 14' Cedrus deodara - Indian Cedar	123.30	
32 93 43 00-0849	EA	14' To 16' Cedrus deodara - Indian Cedar	158.10	
32 93 43 00-0850	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	18.78	
32 93 43 00-0851	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	28.17	
32 93 43 00-0852	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	43.83	
32 93 43 00-0853	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	75.13	
32 93 43 00-0854	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress	22.76	
32 93 43 00-0855	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress	35.44	
32 93 43 00-0856	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress	44.25	
32 93 43 00-0857	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress	63.25	
32 93 43 00-0858	EA	1 Gallon Cleyera japonica - Japanese Cleyera	2.56	
32 93 43 00-0859	EA	3 Gallon Cleyera japonica - Japanese Cleyera	6.43	
32 93 43 00-0860	EA	7 Gallon Cleyera japonica - Japanese Cleyera	18.41	
32 93 43 00-0861	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	10.33	
32 93 43 00-0862	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	41.33	
32 93 43 00-0863	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	18.08	
32 93 43 00-0864	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	23.25	
32 93 43 00-0865	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	36.17	
32 93 43 00-0866	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	87.83	
32 93 43 00-0867	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	1.88	
32 93 43 00-0868	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	8.48	
32 93 43 00-0869	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	28.26	
32 93 43 00-0870	EA	5 Gallon Cupressus sempervirens - Italian Cypress	9.73	
32 93 43 00-0871	EA	15 Gallon Cupressus sempervirens - Italian Cypress	26.74	
32 93 43 00-0872	EA	1 Gallon Illicium anisatum - Anise Tree	2.78	
32 93 43 00-0873	EA	3 Gallon Illicium anisatum - Anise Tree	6.43	
32 93 43 00-0874	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	2.86	
32 93 43 00-0875	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	5.59	
32 93 43 00-0876	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	6.93	
32 93 43 00-0877	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	8.14	
32 93 43 00-0878	EA	1 Gallon Juniperus - Blue Sargent Juniper	2.86	
32 93 43 00-0879	EA	2 Gallon Juniperus - Blue Sargent Juniper	5.59	
32 93 43 00-0880	EA	3 Gallon Juniperus - Blue Sargent Juniper	6.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0881	EA	5 Gallon Juniperus - Blue Sargent Juniper	8.14	
32 93 43 00-0882	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	8.14	
32 93 43 00-0883	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	8.81	
32 93 43 00-0884	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	10.64	
32 93 43 00-0885	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	15.80	
32 93 43 00-0886	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	18.30	
32 93 43 00-0887	EA	5' To 6' Juniperus - Fairview Juniper	27.25	
32 93 43 00-0888	EA	1 Gallon Juniperus - Hollywood Juniper	3.65	
32 93 43 00-0889	EA	5 Gallon Juniperus - Hollywood Juniper	10.15	
32 93 43 00-0890	EA	15 Gallon Juniperus - Hollywood Juniper	43.03	
32 93 43 00-0891	EA	4' To 5' Juniperus - Hollywood Juniper	28.45	
32 93 43 00-0892	EA	5' To 6' Juniperus - Hollywood Juniper	36.65	
32 93 43 00-0893	EA	1 Gallon Juniperus - Parson's Juniper	2.86	
32 93 43 00-0894	EA	2 Gallon Juniperus - Parson's Juniper	5.65	
32 93 43 00-0895	EA	3 Gallon Juniperus - Parson's Juniper	6.99	
32 93 43 00-0896	EA	5 Gallon Juniperus - Parson's Juniper	8.27	
32 93 43 00-0897	EA	5 Gallon Juniperus - Skyrocket Juniper	10.21	
32 93 43 00-0898	EA	15 Gallon Juniperus - Skyrocket Juniper	43.46	
32 93 43 00-0899	EA	2' To 3' Juniperus - Skyrocket Juniper	15.32	
32 93 43 00-0900	EA	3' To 4' Juniperus - Skyrocket Juniper	21.70	
32 93 43 00-0901	EA	4' To 5' Juniperus - Skyrocket Juniper	28.75	
32 93 43 00-0902	EA	5' To 6' Juniperus - Skyrocket Juniper	37.08	
32 93 43 00-0903	EA	6' To 8' Juniperus - Skyrocket Juniper	47.90	
32 93 43 00-0904	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	2.86	
32 93 43 00-0905	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	5.62	
32 93 43 00-0906	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	6.90	
32 93 43 00-0907	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	8.18	
32 93 43 00-0908	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	2.86	
32 93 43 00-0909	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	5.62	
32 93 43 00-0910	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	6.90	
32 93 43 00-0911	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	8.18	
32 93 43 00-0912	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar	15.32	
32 93 43 00-0913	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar	21.70	
32 93 43 00-0914	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar	28.75	
32 93 43 00-0915	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar	37.08	
32 93 43 00-0916	EA	5' Picea abies & cvs - Norway Spruce	88.91	
32 93 43 00-0917	EA	6' Picea abies & cvs - Norway Spruce	101.03	
32 93 43 00-0918	EA	7' Picea abies & cvs - Norway Spruce	121.24	
32 93 43 00-0919	EA	8' Picea abies & cvs - Norway Spruce	141.45	
32 93 43 00-0920	EA	9' Picea abies & cvs - Norway Spruce	189.94	
32 93 43 00-0921	EA	10' Picea abies & cvs - Norway Spruce	230.35	
32 93 43 00-0922	EA	12' Picea abies & cvs - Norway Spruce	282.89	
32 93 43 00-0923	EA	14' Picea abies & cvs - Norway Spruce	343.51	
32 93 43 00-0924	EA	6' Picea glauca - White Spruce	84.87	
32 93 43 00-0925	EA	7' Picea glauca - White Spruce	121.24	
32 93 43 00-0926	EA	8' Picea glauca - White Spruce	141.45	
32 93 43 00-0927	EA	9' Picea glauca - White Spruce	169.73	
32 93 43 00-0928	EA	10' Picea glauca - White Spruce	202.07	
32 93 43 00-0929	EA	12' Picea glauca - White Spruce	242.48	
32 93 43 00-0930	EA	4' Picea glauca densata - Black Hills Spruce	48.50	
32 93 43 00-0931	EA	5' Picea glauca densata - Black Hills Spruce	72.74	
32 93 43 00-0932	EA	6' Picea glauca densata - Black Hills Spruce	109.12	
32 93 43 00-0933	EA	7' Picea glauca densata - Black Hills Spruce	129.32	
32 93 43 00-0934	EA	8' Picea glauca densata - Black Hills Spruce	149.53	
32 93 43 00-0935	EA	9' Picea glauca densata - Black Hills Spruce	165.69	
32 93 43 00-0936	EA	10' Picea glauca densata - Black Hills Spruce	181.86	
32 93 43 00-0937	EA	6' Picea omorika & cvs - Serbian Spruce	109.12	
32 93 43 00-0938	EA	7' Picea omorika & cvs - Serbian Spruce	121.24	
32 93 43 00-0939	EA	8' Picea omorika & cvs - Serbian Spruce	145.49	
32 93 43 00-0940	EA	9' Picea omorika & cvs - Serbian Spruce	169.73	
32 93 43 00-0941	EA	10' Picea omorika & cvs - Serbian Spruce	193.98	
32 93 43 00-0942	EA	5' Picea pungens - Colorado Green Spruce	88.91	
32 93 43 00-0943	EA	6' Picea pungens - Colorado Green Spruce	113.16	
32 93 43 00-0944	EA	7' Picea pungens - Colorado Green Spruce	133.36	
32 93 43 00-0945	EA	8' Picea pungens - Colorado Green Spruce	153.57	
32 93 43 00-0946	EA	9' Picea pungens - Colorado Green Spruce	177.82	
32 93 43 00-0947	EA	10' Picea pungens - Colorado Green Spruce	335.43	
32 93 43 00-0948	EA	12' Picea pungens - Colorado Green Spruce	242.48	
32 93 43 00-0949	EA	14' Picea pungens - Colorado Green Spruce	282.89	
32 93 43 00-0950	EA	16' Picea pungens - Colorado Green Spruce	363.72	
32 93 43 00-0951	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	88.91	
32 93 43 00-0952	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	121.24	
32 93 43 00-0953	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	141.45	
32 93 43 00-0954	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	161.65	
32 93 43 00-0955	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	181.86	
32 93 43 00-0956	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	222.27	
32 93 43 00-0957	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	282.89	
32 93 43 00-0958	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	424.34	
32 93 43 00-0959	EA	4' Pinus cembra - Swiss Stone Pine	68.70	
32 93 43 00-0960	EA	5' Pinus cembra - Swiss Stone Pine	84.87	
32 93 43 00-0961	EA	6' Pinus cembra - Swiss Stone Pine	105.07	
32 93 43 00-0962	EA	6' Pinus flexilis & cvs - Limber Pine	101.03	
32 93 43 00-0963	EA	7' Pinus flexilis & cvs - Limber Pine	117.20	
32 93 43 00-0964	EA	8' Pinus flexilis & cvs - Limber Pine	145.49	
32 93 43 00-0965	EA	9' Pinus flexilis & cvs - Limber Pine	177.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0966	EA	10' Pinus flexilis & cvs - Limber Pine	202.07	
32 93 43 00-0967	EA	1 Gallon Pinus mugo - Mugho Pine	3.77	
32 93 43 00-0968	EA	2 Gallon Pinus mugo - Mugho Pine	7.96	
32 93 43 00-0969	EA	3 Gallon Pinus mugo - Mugho Pine	9.97	
32 93 43 00-0970	EA	5 Gallon Pinus mugo - Mugho Pine	12.64	
32 93 43 00-0971	EA	12" To 15" Spread Pinus mugo - Mugho Pine	9.79	
32 93 43 00-0972	EA	15" To 18" Spread Pinus mugo - Mugho Pine	11.67	
32 93 43 00-0973	EA	18" To 24" Spread Pinus mugo - Mugho Pine	15.80	
32 93 43 00-0974	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	22.13	
32 93 43 00-0975	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	28.45	
32 93 43 00-0976	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	35.44	
32 93 43 00-0977	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	43.03	
32 93 43 00-0978	EA	6' Pinus nigra - Austrian Pine	101.03	
32 93 43 00-0979	EA	7' Pinus nigra - Austrian Pine	121.24	
32 93 43 00-0980	EA	8' Pinus nigra - Austrian Pine	157.61	
32 93 43 00-0981	EA	9' Pinus nigra - Austrian Pine	181.86	
32 93 43 00-0982	EA	10' Pinus nigra - Austrian Pine	214.19	
32 93 43 00-0983	EA	12' Pinus nigra - Austrian Pine	242.48	
32 93 43 00-0984	EA	14' Pinus nigra - Austrian Pine	270.77	
32 93 43 00-0985	EA	16' Pinus nigra - Austrian Pine	307.14	
32 93 43 00-0986	EA	5' Pinus peuce - Macedonian Pine	125.28	
32 93 43 00-0987	EA	6' Pinus peuce - Macedonian Pine	157.61	
32 93 43 00-0988	EA	7' Pinus peuce - Macedonian Pine	181.86	
32 93 43 00-0989	EA	8' Pinus peuce - Macedonian Pine	206.11	
32 93 43 00-0990	EA	9' Pinus peuce - Macedonian Pine	238.44	
32 93 43 00-0991	EA	2' Pinus strobus - Pyramidal White Pine	11.19	
32 93 43 00-0992	EA	3' Pinus strobus - Pyramidal White Pine	14.95	
32 93 43 00-0993	EA	4' Pinus strobus - Pyramidal White Pine	16.50	
32 93 43 00-0994	EA	5' Pinus strobus - Pyramidal White Pine	18.04	
32 93 43 00-0995	EA	6' Pinus strobus - Pyramidal White Pine	22.48	
32 93 43 00-0996	EA	7' Pinus strobus - Pyramidal White Pine	29.91	
32 93 43 00-0997	EA	8' Pinus strobus - Pyramidal White Pine	41.10	
32 93 43 00-0998	EA	10' Pinus strobus - Pyramidal White Pine	82.01	
32 93 43 00-0999	EA	12' Pinus strobus - Pyramidal White Pine	194.89	
32 93 43 00-1000	EA	14' Pinus strobus - Pyramidal White Pine	261.47	
32 93 43 00-1001	EA	16' Pinus strobus - Pyramidal White Pine	314.53	
32 93 43 00-1002	EA	2' Pinus strobus - White Pine	17.20	
32 93 43 00-1003	EA	3' Pinus strobus - White Pine	24.54	
32 93 43 00-1004	EA	4' Pinus strobus - White Pine	39.13	
32 93 43 00-1005	EA	5' Pinus strobus - White Pine	55.77	
32 93 43 00-1006	EA	6' Pinus strobus - White Pine	81.80	
32 93 43 00-1007	EA	7' Pinus strobus - White Pine	97.60	
32 93 43 00-1008	EA	8' Pinus strobus - White Pine	131.99	
32 93 43 00-1009	EA	10' Pinus strobus - White Pine	177.53	
32 93 43 00-1010	EA	12' Pinus strobus - White Pine	235.16	
32 93 43 00-1011	EA	14' Pinus strobus - White Pine	288.14	
32 93 43 00-1012	EA	16' Pinus strobus - White Pine	350.42	
32 93 43 00-1013	EA	3' Pinus sylvestris - Scotch Pine	26.55	
32 93 43 00-1014	EA	4' Pinus sylvestris - Scotch Pine	36.86	
32 93 43 00-1015	EA	5' Pinus sylvestris - Scotch Pine	51.73	
32 93 43 00-1016	EA	6' Pinus sylvestris - Scotch Pine	71.77	
32 93 43 00-1017	EA	7' Pinus sylvestris - Scotch Pine	87.94	
32 93 43 00-1018	EA	8' Pinus sylvestris - Scotch Pine	124.15	
32 93 43 00-1019	EA	9' Pinus sylvestris - Scotch Pine	157.61	
32 93 43 00-1020	EA	10' Pinus sylvestris - Scotch Pine	181.86	
32 93 43 00-1021	EA	12' Pinus sylvestris - Scotch Pine	214.19	
32 93 43 00-1022	EA	14' Pinus sylvestris - Scotch Pine	242.48	
32 93 43 00-1023	EA	16' Pinus sylvestris - Scotch Pine	282.89	
32 93 43 00-1024	EA	5' To 6' Pinus taeda - Loblolly Pine	11.56	
32 93 43 00-1025	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.86	
32 93 43 00-1026	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	10.15	
32 93 43 00-1027	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	32.88	
32 93 43 00-1028	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	13.92	
32 93 43 00-1029	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	17.69	
32 93 43 00-1030	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	26.56	
32 93 43 00-1031	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	51.85	
32 93 43 00-1032	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	58.17	
32 93 43 00-1033	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	72.70	
32 93 43 00-1034	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.88	
32 93 43 00-1035	EA	3 Gallon Podocarpus - Chinese Podocarpus	4.38	
32 93 43 00-1036	EA	7 Gallon Podocarpus - Chinese Podocarpus	12.64	
32 93 43 00-1037	EA	15 Gallon Podocarpus - Chinese Podocarpus	20.54	
32 93 43 00-1038	EA	4' To 5' Podocarpus - Chinese Podocarpus	31.61	
32 93 43 00-1039	EA	5' Pseudotsuga menziesii - Douglas Fir	80.83	
32 93 43 00-1040	EA	6' Pseudotsuga menziesii - Douglas Fir	96.99	
32 93 43 00-1041	EA	7' Pseudotsuga menziesii - Douglas Fir	121.24	
32 93 43 00-1042	EA	8' Pseudotsuga menziesii - Douglas Fir	145.49	
32 93 43 00-1043	EA	9' Pseudotsuga menziesii - Douglas Fir	181.86	
32 93 43 00-1044	EA	10' Pseudotsuga menziesii - Douglas Fir	214.19	
32 93 43 00-1045	EA	12' Pseudotsuga menziesii - Douglas Fir	242.48	
32 93 43 00-1046	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	39.51	
32 93 43 00-1047	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	53.34	
32 93 43 00-1048	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	65.19	
32 93 43 00-1049	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	28.08	
32 93 43 00-1050	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	35.10	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1051	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	43.40	
32 93 43 00-1052	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	54.92	
32 93 43 00-1053	EA	6' Tsuga canadensis - Northern Hemlock	80.83	
32 93 43 00-1054	EA	7' Tsuga canadensis - Northern Hemlock	101.03	
32 93 43 00-1055	EA	8' Tsuga canadensis - Northern Hemlock	137.40	
32 93 43 00-1056	EA	9' Tsuga canadensis - Northern Hemlock	161.65	
32 93 43 00-1057	EA	10' Tsuga canadensis - Northern Hemlock	181.86	
32 93 43 00-1058	EA	12' Tsuga canadensis - Northern Hemlock	202.07	
32 93 43 00-1059	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	7.62	
32 93 43 00-1060	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	12.45	

32 93 43 00-1061 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1062	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	64.97	
32 93 43 00-1063	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	101.06	
32 93 43 00-1064	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	129.94	
32 93 43 00-1065	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	173.25	
32 93 43 00-1066	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	49.22	
32 93 43 00-1067	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	68.91	
32 93 43 00-1068	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	88.59	
32 93 43 00-1069	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	108.28	
32 93 43 00-1070	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	131.25	
32 93 43 00-1071	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	164.06	
32 93 43 00-1072	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	137.81	
32 93 43 00-1073	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	216.56	
32 93 43 00-1074	EA	3' To 4' Chamaerops humilis - European Fan Palm	118.12	
32 93 43 00-1075	EA	5' To 6' Chamaerops humilis - European Fan Palm	157.50	
32 93 43 00-1076	EA	7' To 8' Chamaerops humilis - European Fan Palm	367.50	
32 93 43 00-1077	EA	9' To 10' Chamaerops humilis - European Fan Palm	630.00	
32 93 43 00-1078	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	91.88	
32 93 43 00-1079	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	183.75	
32 93 43 00-1080	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	236.25	
32 93 43 00-1081	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	328.12	
32 93 43 00-1082	EA	12' To 16' Cocos nucifera - Coconut Palm	276.77	
32 93 43 00-1083	EA	4' To 5' Rhapis excelsa - Lady Palm	249.38	
32 93 43 00-1084	EA	6' To 7' Rhapis excelsa - Lady Palm	354.38	
32 93 43 00-1085	EA	8' To 9' Roystonea regia - Royal Palm	200.81	
32 93 43 00-1086	EA	10' To 11' Roystonea regia - Royal Palm	245.44	
32 93 43 00-1087	EA	12' To 13' Roystonea regia - Royal Palm	290.06	
32 93 43 00-1088	EA	14' To 15' Roystonea regia - Royal Palm	334.69	
32 93 43 00-1089	EA	16' To 17' Roystonea regia - Royal Palm	379.31	
32 93 43 00-1090	EA	18' To 19' Roystonea regia - Royal Palm	423.94	
32 93 43 00-1091	EA	20' To 21' Roystonea regia - Royal Palm	468.56	
32 93 43 00-1092	EA	10' To 16' Sabal palmetto - Cabbage Palm	101.49	
32 93 43 00-1093	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	275.62	
32 93 43 00-1094	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	354.38	
32 93 43 00-1095	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	433.12	

32 93 53 Planting Of Trees, Shrubs And Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 53 00-0001 Planting Trees *(32 93 53)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 53 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.06	
32 93 53 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	1.71	
32 93 53 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	2.13	
32 93 53 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	3.40	
32 93 53 00-0006	EA	1 Gallon Container Tree Planting	17.01	
		For >10 To 25, Deduct	*-0.85*	
		For >25 To 50, Deduct	*-2.13*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-5.10*	
32 93 53 00-0007	EA	2 Gallon Container Tree Planting	23.82	
		For >10 To 25, Deduct	*-1.19*	
		For >25 To 50, Deduct	*-2.98*	
		For >50 To 100, Deduct	*-4.76*	
		For >100, Deduct	*-7.15*	
32 93 53 00-0008	EA	3 Gallon Container Tree Planting	30.62	
		For >10 To 25, Deduct	*-1.53*	
		For >25 To 50, Deduct	*-3.83*	
		For >50 To 100, Deduct	*-6.12*	
		For >100, Deduct	*-9.19*	
32 93 53 00-0009	EA	5 Gallon Container Tree Planting	51.03	
		For >10 To 25, Deduct	*-2.55*	
		For >25 To 50, Deduct	*-6.38*	
		For >50 To 100, Deduct	*-10.21*	
		For >100, Deduct	*-15.31*	
32 93 53 00-0010	EA	7 Gallon Container Tree Planting	68.04	
		For >10 To 25, Deduct	*-3.40*	
		For >25 To 50, Deduct	*-8.51*	
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-20.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0011	EA	10 Gallon Container Tree Planting	88.45	
		For >10 To 25, Deduct	*-4.42*	
		For >25 To 50, Deduct	*-11.06*	
		For >50 To 100, Deduct	*-17.69*	
		For >100, Deduct	*-26.54*	
32 93 53 00-0012	EA	15 Gallon Container Tree Planting	125.87	
		For >10 To 25, Deduct	*-6.29*	
		For >25 To 50, Deduct	*-15.73*	
		For >50 To 100, Deduct	*-25.17*	
		For >100, Deduct	*-37.76*	
32 93 53 00-0013	EA	20 Gallon Container Tree Planting	207.52	
		For >10 To 25, Deduct	*-10.38*	
		For >25 To 50, Deduct	*-25.94*	
		For >50 To 100, Deduct	*-41.50*	
		For >100, Deduct	*-62.26*	
32 93 53 00-0014	EA	25 Gallon Container Tree Planting	268.76	
		For >10 To 25, Deduct	*-13.44*	
		For >25 To 50, Deduct	*-33.60*	
		For >50 To 100, Deduct	*-53.75*	
		For >100, Deduct	*-80.63*	
32 93 53 00-0015	EA	30 Gallon Container Tree Planting	323.18	
		For >10 To 25, Deduct	*-16.16*	
		For >25 To 50, Deduct	*-40.40*	
		For >50 To 100, Deduct	*-64.64*	
		For >100, Deduct	*-96.95*	
32 93 53 00-0016	EA	45 Gallon Container Tree Planting	401.43	
		For >10 To 25, Deduct	*-20.07*	
		For >25 To 50, Deduct	*-50.18*	
		For >50 To 100, Deduct	*-80.29*	
		For >100, Deduct	*-120.43*	
32 93 53 00-0017	EA	65 Gallon Container Tree Planting	476.27	
		For >10 To 25, Deduct	*-23.81*	
		For >25 To 50, Deduct	*-59.53*	
		For >50 To 100, Deduct	*-95.25*	
		For >100, Deduct	*-142.88*	
32 93 53 00-0018	EA	6' Balled And Burlapped Tree Planting	170.09	
		For >10 To 25, Deduct	*-8.50*	
		For >25 To 50, Deduct	*-21.26*	
		For >50 To 100, Deduct	*-34.02*	
		For >100, Deduct	*-51.03*	
32 93 53 00-0019	EA	7' Balled And Burlapped Tree Planting	226.58	
		For >10 To 25, Deduct	*-11.33*	
		For >25 To 50, Deduct	*-28.32*	
		For >50 To 100, Deduct	*-45.32*	
		For >100, Deduct	*-67.97*	
32 93 53 00-0020	EA	8' Balled And Burlapped Tree Planting	255.15	
		For >10 To 25, Deduct	*-12.76*	
		For >25 To 50, Deduct	*-31.89*	
		For >50 To 100, Deduct	*-51.03*	
		For >100, Deduct	*-76.55*	
32 93 53 00-0021	EA	10' Balled And Burlapped Tree Planting	297.67	
		For >10 To 25, Deduct	*-14.88*	
		For >25 To 50, Deduct	*-37.21*	
		For >50 To 100, Deduct	*-59.53*	
		For >100, Deduct	*-89.30*	
32 93 53 00-0022	EA	12' Balled And Burlapped Tree Planting	398.03	
		For >10 To 25, Deduct	*-19.90*	
		For >25 To 50, Deduct	*-49.75*	
		For >50 To 100, Deduct	*-79.61*	
		For >100, Deduct	*-119.41*	
32 93 53 00-0023	EA	14' Balled And Burlapped Tree Planting	455.87	
		For >10 To 25, Deduct	*-22.79*	
		For >25 To 50, Deduct	*-56.98*	
		For >50 To 100, Deduct	*-91.17*	
		For >100, Deduct	*-136.76*	
32 93 53 00-0024	EA	16' Balled And Burlapped Tree Planting	552.82	
		For >10 To 25, Deduct	*-27.64*	
		For >25 To 50, Deduct	*-69.10*	
		For >50 To 100, Deduct	*-110.56*	
		For >100, Deduct	*-165.85*	
32 93 53 00-0025	EA	18' Balled And Burlapped Tree Planting	663.38	
		For >10 To 25, Deduct	*-33.17*	
		For >25 To 50, Deduct	*-82.92*	
		For >50 To 100, Deduct	*-132.68*	
		For >100, Deduct	*-199.01*	
32 93 53 00-0026	EA	20' Balled And Burlapped Tree Planting	765.45	
		For >10 To 25, Deduct	*-38.27*	
		For >25 To 50, Deduct	*-95.68*	
		For >50 To 100, Deduct	*-153.09*	
		For >100, Deduct	*-229.64*	
32 93 53 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	255.15	
		For >10 To 25, Deduct	*-12.76*	
		For >25 To 50, Deduct	*-31.89*	
		For >50 To 100, Deduct	*-51.03*	
		For >100, Deduct	*-76.55*	
32 93 53 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	297.67	
		For >10 To 25, Deduct	*-14.88*	
		For >25 To 50, Deduct	*-37.21*	
		For >50 To 100, Deduct	*-59.53*	
		For >100, Deduct	*-89.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	399.73	
		For >10 To 25, Deduct	*-19.99*	
		For >25 To 50, Deduct	*-49.97*	
		For >50 To 100, Deduct	*-79.95*	
		For >100, Deduct	*-119.92*	
32 93 53 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	459.27	
		For >10 To 25, Deduct	*-22.96*	
		For >25 To 50, Deduct	*-57.41*	
		For >50 To 100, Deduct	*-91.85*	
		For >100, Deduct	*-137.78*	
32 93 53 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	510.29	
		For >10 To 25, Deduct	*-25.51*	
		For >25 To 50, Deduct	*-63.79*	
		For >50 To 100, Deduct	*-102.06*	
		For >100, Deduct	*-153.09*	
32 93 53 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	585.14	
		For >10 To 25, Deduct	*-29.26*	
		For >25 To 50, Deduct	*-73.14*	
		For >50 To 100, Deduct	*-117.03*	
		For >100, Deduct	*-175.54*	

32 93 53 00-0033 Tree Pits *(32 93 53)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 53 00-0034	EA	2' x 1-1/4' Deep Tree Pit	91.29	
32 93 53 00-0035	EA	2' x 2-1/2' Deep Tree Pit	136.90	
32 93 53 00-0036	EA	2-1/2' x 1-1/2' Deep Tree Pit	176.68	
32 93 53 00-0037	EA	2-1/2' x 3' Deep Tree Pit	264.97	
32 93 53 00-0038	EA	3' x 1-3/4' Deep Tree Pit	272.99	
32 93 53 00-0039	EA	3' x 3-1/2' Deep Tree Pit	407.41	
32 93 53 00-0040	EA	3-1/2' x 1-3/4' Deep Tree Pit	334.70	
32 93 53 00-0041	EA	3-1/2' x 3-1/2' Deep Tree Pit	501.36	
32 93 53 00-0042	EA	4' x 2' Deep Tree Pit	400.13	
32 93 53 00-0043	EA	4' x 4' Deep Tree Pit	599.87	
32 93 53 00-0044	EA	4-1/2' x 2' Deep Tree Pit	576.32	
32 93 53 00-0045	EA	4-1/2' x 4' Deep Tree Pit	866.13	
32 93 53 00-0046	EA	5' x 2-1/4' Deep Tree Pit	766.56	
32 93 53 00-0047	EA	5' x 4-1/2' Deep Tree Pit	1,141.93	
32 93 53 00-0048	EA	6' x 2-1/2' Deep Tree Pit	1,087.12	
32 93 53 00-0049	EA	6' x 5' Deep Tree Pit	1,628.29	
32 93 53 00-0050	EA	7' x 3' Deep Tree Pit	1,831.56	
32 93 53 00-0051	EA	7' x 6' Deep Tree Pit	2,761.73	
32 93 53 00-0052	EA	8' x 3-1/4' Deep Tree Pit	2,519.00	
32 93 53 00-0053	EA	8' x 6-1/2' Deep Tree Pit	3,776.91	

32 93 53 00-0054 Planting Shrubs *(32 93 53)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 53 00-0055	EA	1 Gallon Container Shrub Planting	14.47	
		For >10 To 25, Deduct	*-0.72*	
		For >25 To 50, Deduct	*-1.81*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-4.34*	
32 93 53 00-0056	EA	2 Gallon Container Shrub Planting	20.42	
		For >10 To 25, Deduct	*-1.02*	
		For >25 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-4.08*	
		For >100, Deduct	*-6.13*	
32 93 53 00-0057	EA	3 Gallon Container Shrub Planting	25.51	
		For >10 To 25, Deduct	*-1.28*	
		For >25 To 50, Deduct	*-3.19*	
		For >50 To 100, Deduct	*-5.10*	
		For >100, Deduct	*-7.65*	
32 93 53 00-0058	EA	4 Gallon Container Shrub Planting	34.02	
		For >10 To 25, Deduct	*-1.70*	
		For >25 To 50, Deduct	*-4.25*	
		For >50 To 100, Deduct	*-6.80*	
		For >100, Deduct	*-10.21*	
32 93 53 00-0059	EA	5 Gallon Container Shrub Planting	42.53	
		For >10 To 25, Deduct	*-2.13*	
		For >25 To 50, Deduct	*-5.32*	
		For >50 To 100, Deduct	*-8.51*	
		For >100, Deduct	*-12.76*	
32 93 53 00-0060	EA	7 Gallon Container Shrub Planting	57.84	
		For >10 To 25, Deduct	*-2.89*	
		For >25 To 50, Deduct	*-7.23*	
		For >50 To 100, Deduct	*-11.57*	
		For >100, Deduct	*-17.35*	
32 93 53 00-0061	EA	10 Gallon Container Shrub Planting	76.54	
		For >10 To 25, Deduct	*-3.83*	
		For >25 To 50, Deduct	*-9.57*	
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-22.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0062	EA	15 Gallon Container Shrub Planting	105.46	
		For >10 To 25, Deduct	*-5.27*	
		For >25 To 50, Deduct	*-13.18*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-31.64*	
32 93 53 00-0063	EA	20 Gallon Container Shrub Planting	176.91	
		For >10 To 25, Deduct	*-8.85*	
		For >25 To 50, Deduct	*-22.11*	
		For >50 To 100, Deduct	*-35.38*	
		For >100, Deduct	*-53.07*	
32 93 53 00-0064	EA	25 Gallon Container Shrub Planting	226.58	
		For >10 To 25, Deduct	*-11.33*	
		For >25 To 50, Deduct	*-28.32*	
		For >50 To 100, Deduct	*-45.32*	
		For >100, Deduct	*-67.97*	
32 93 53 00-0065	EA	15" Balled And Burlapped Shrub Planting	47.63	
		For >10 To 25, Deduct	*-2.38*	
		For >25 To 50, Deduct	*-5.95*	
		For >50 To 100, Deduct	*-9.53*	
		For >100, Deduct	*-14.29*	
32 93 53 00-0066	EA	18" Balled And Burlapped Shrub Planting	49.33	
		For >10 To 25, Deduct	*-2.47*	
		For >25 To 50, Deduct	*-6.17*	
		For >50 To 100, Deduct	*-9.87*	
		For >100, Deduct	*-14.80*	
32 93 53 00-0067	EA	24" Balled And Burlapped Shrub Planting	54.43	
		For >10 To 25, Deduct	*-2.72*	
		For >25 To 50, Deduct	*-6.80*	
		For >50 To 100, Deduct	*-10.89*	
		For >100, Deduct	*-16.33*	
32 93 53 00-0068	EA	30" Balled And Burlapped Shrub Planting	54.43	
		For >10 To 25, Deduct	*-2.72*	
		For >25 To 50, Deduct	*-6.80*	
		For >50 To 100, Deduct	*-10.89*	
		For >100, Deduct	*-16.33*	
32 93 53 00-0069	EA	36" Balled And Burlapped Shrub Planting	59.53	
		For >10 To 25, Deduct	*-2.98*	
		For >25 To 50, Deduct	*-7.44*	
		For >50 To 100, Deduct	*-11.91*	
		For >100, Deduct	*-17.86*	
32 93 53 00-0070	EA	42" Balled And Burlapped Shrub Planting	62.94	
		For >10 To 25, Deduct	*-3.15*	
		For >25 To 50, Deduct	*-7.87*	
		For >50 To 100, Deduct	*-12.59*	
		For >100, Deduct	*-18.88*	
32 93 53 00-0071	EA	48" Balled And Burlapped Shrub Planting	68.04	
		For >10 To 25, Deduct	*-3.40*	
		For >25 To 50, Deduct	*-8.51*	
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-20.41*	
32 93 53 00-0072	EA	5' Balled And Burlapped Shrub Planting	102.06	
		For >10 To 25, Deduct	*-5.10*	
		For >25 To 50, Deduct	*-12.76*	
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-30.62*	
32 93 53 00-0073	EA	6' Balled And Burlapped Shrub Planting	144.58	
		For >10 To 25, Deduct	*-7.23*	
		For >25 To 50, Deduct	*-18.07*	
		For >50 To 100, Deduct	*-28.92*	
		For >100, Deduct	*-43.37*	
32 93 53 00-0074	EA	7' Balled And Burlapped Shrub Planting	192.22	
		For >10 To 25, Deduct	*-9.61*	
		For >25 To 50, Deduct	*-24.03*	
		For >50 To 100, Deduct	*-38.44*	
		For >100, Deduct	*-57.67*	
32 93 53 00-0075	EA	8' Balled And Burlapped Shrub Planting	217.73	
		For >10 To 25, Deduct	*-10.89*	
		For >25 To 50, Deduct	*-27.22*	
		For >50 To 100, Deduct	*-43.55*	
		For >100, Deduct	*-65.32*	
32 93 53 00-0076	EA	9' Balled And Burlapped Shrub Planting	234.74	
		For >10 To 25, Deduct	*-11.74*	
		For >25 To 50, Deduct	*-29.34*	
		For >50 To 100, Deduct	*-46.95*	
		For >100, Deduct	*-70.42*	
32 93 53 00-0077	EA	10' Balled And Burlapped Shrub Planting	255.15	
		For >10 To 25, Deduct	*-12.76*	
		For >25 To 50, Deduct	*-31.89*	
		For >50 To 100, Deduct	*-51.03*	
		For >100, Deduct	*-76.55*	

32 93 53 00-0078 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 53)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 53 00-0079	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	1.41	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.28*	
		For >100, Deduct	*-0.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 53 00-0080	EA	3" Diameter Potted Groundcover And Flower Planting	1.61	
		For >10 To 25, Deduct	*-0.08*	
		For >25 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.48*	
32 93 53 00-0081	EA	4" Diameter Potted Groundcover And Flower Planting	1.89	
		For >10 To 25, Deduct	*-0.09*	
		For >25 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.38*	
		For >100, Deduct	*-0.57*	
32 93 53 00-0082	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	2.27	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.45*	
		For >100, Deduct	*-0.68*	
32 93 53 00-0083	EA	6" Diameter Potted Groundcover And Flower Planting	2.84	
		For >10 To 25, Deduct	*-0.14*	
		For >25 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.57*	
		For >100, Deduct	*-0.85*	
32 93 53 00-0084	EA	8" Diameter Potted Groundcover And Flower Planting	4.25	
		For >10 To 25, Deduct	*-0.21*	
		For >25 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-0.85*	
		For >100, Deduct	*-1.28*	
32 93 53 00-0085	EA	1 Gallon Container Groundcover And Flower Planting	13.60	
		For >10 To 25, Deduct	*-0.68*	
		For >25 To 50, Deduct	*-1.70*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-4.08*	
32 93 53 00-0086	EA	2 Gallon Container Groundcover And Flower Planting	18.71	
		For >10 To 25, Deduct	*-0.94*	
		For >25 To 50, Deduct	*-2.34*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-5.61*	
32 93 53 00-0087	EA	3 Gallon Container Groundcover And Flower Planting	23.82	
		For >10 To 25, Deduct	*-1.19*	
		For >25 To 50, Deduct	*-2.98*	
		For >50 To 100, Deduct	*-4.76*	
		For >100, Deduct	*-7.15*	
32 93 53 00-0088	EA	4 Gallon Container Groundcover And Flower Planting	30.62	
		For >10 To 25, Deduct	*-1.53*	
		For >25 To 50, Deduct	*-3.83*	
		For >50 To 100, Deduct	*-6.12*	
		For >100, Deduct	*-9.19*	
32 93 53 00-0089	EA	5 Gallon Container Groundcover And Flower Planting	37.42	
		For >10 To 25, Deduct	*-1.87*	
		For >25 To 50, Deduct	*-4.68*	
		For >50 To 100, Deduct	*-7.48*	
		For >100, Deduct	*-11.23*	
32 93 53 00-0090	EA	7 Gallon Container Groundcover And Flower Planting	51.03	
		For >10 To 25, Deduct	*-2.55*	
		For >25 To 50, Deduct	*-6.38*	
		For >50 To 100, Deduct	*-10.21*	
		For >100, Deduct	*-15.31*	
32 93 53 00-0091	EA	Bulb Planting	0.85	
		For >10 To 25, Deduct	*-0.04*	
		For >25 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.26*	
32 93 53 00-0092	EA	Flats Of 24 Groundcover And Flower Planting	23.81	
		For >10 To 25, Deduct	*-1.19*	
		For >25, Deduct	*-2.98*	
32 93 53 00-0093	EA	Flats Of 36 Groundcover And Flower Planting	33.78	
		For >10 To 25, Deduct	*-1.69*	
		For >25, Deduct	*-4.22*	
32 93 53 00-0094	EA	Flats Of 48 Groundcover And Flower Planting	44.97	
		For >10 To 25, Deduct	*-2.25*	
		For >25, Deduct	*-5.62*	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	6.48	2.06
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	6.97	2.06
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	7.00	2.06
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	7.87	2.13
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	8.48	2.13
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	8.46	2.13
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	7.19	2.20
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	7.86	2.20
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	7.93	2.20
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	8.81	2.27
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	9.48	2.27
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	9.53	2.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging	7.84	2.13
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging	10.48	2.13
32 94 13 00-0016	LF	4-1/2" x 12" Granite Edging	22.71	10.72
32 94 13 00-0017	LF	2" x 8" x 16" Precast Scallops, Green	4.18	1.56
32 94 13 00-0018	LF	2" x 8" x 16" Precast Scallops, Other Than Green	3.97	1.56
32 94 13 00-0019	LF	Brick, Set Horizontally, 1-1/2 Per LF	4.79	1.72
32 94 13 00-0020	LF	Brick, Set Horizontally, 3 Per LF	12.12	4.69
32 94 13 00-0021	LF	"V" Trenching By Machine, 4" Deep x 4" Wide	1.74	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	6" x 8" Railroad Ties	11.57	3.82
32 94 16 00-0002	LF	7" x 9" Railroad Ties	13.95	4.80
32 94 16 00-0003	LF	1" x 4" Redwood	4.04	1.36
32 94 16 00-0004	LF	2" x 4" Redwood Edging	5.55	2.04
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	8.35	2.72
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	10.94	3.41
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	12.74	4.00
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	3.21	1.36
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	4.88	2.04
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	7.93	2.64
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	10.85	3.41
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	13.32	4.00

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	475.18	50.58
		For >3 To 9, Deduct	*-28.05*	
		For >9, Deduct	*-57.97*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	543.17	50.58
		For >3 To 9, Deduct	*-33.15*	
		For >9, Deduct	*-68.51*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	661.89	67.44
		For >3 To 9, Deduct	*-39.53*	
		For >9, Deduct	*-81.69*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	809.89	67.44
		For >3 To 9, Deduct	*-50.63*	
		For >9, Deduct	*-104.63*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	1,036.61	84.31
		For >3 To 9, Deduct	*-65.10*	
		For >9, Deduct	*-134.54*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	1,098.33	101.17
		For >3 To 9, Deduct	*-67.20*	
		For >9, Deduct	*-138.88*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	1,201.33	101.17
		For >3 To 9, Deduct	*-74.93*	
		For >9, Deduct	*-154.85*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	1,606.64	143.32
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	1,666.64	143.32
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	1,716.64	143.32
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	1,756.64	143.32
		For >3 To 9, Deduct	*-110.25*	
		For >9, Deduct	*-227.85*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	1,786.64	143.32
		For >3 To 9, Deduct	*-112.50*	
		For >9, Deduct	*-232.50*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	1,969.23	168.61
		For >3 To 9, Deduct	*-122.40*	
		For >9, Deduct	*-252.96*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	441.17	50.58
		For >3 To 9, Deduct	*-25.50*	
		For >9, Deduct	*-52.70*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	526.17	50.58
		For >3 To 9, Deduct	*-31.88*	
		For >9, Deduct	*-65.88*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	788.61	84.31
		For >3 To 9, Deduct	*-46.50*	
		For >9, Deduct	*-96.10*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	918.61	84.31
		For >3 To 9, Deduct	*-56.25*	
		For >9, Deduct	*-116.25*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	1,038.61	84.31
		For >3 To 9, Deduct	*-65.25*	
		For >9, Deduct	*-134.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	1,148.61	84.31
		For >3 To 9, Deduct	*-73.50*	
		For >9, Deduct	*-151.90*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	1,248.61	84.31
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	1,338.61	84.31
		For >3 To 9, Deduct	*-87.75*	
		For >9, Deduct	*-181.35*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	1,316.07	118.03
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	1,406.07	118.03
		For >3 To 9, Deduct	*-87.75*	
		For >9, Deduct	*-181.35*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	1,486.07	118.03
		For >3 To 9, Deduct	*-93.75*	
		For >9, Deduct	*-193.75*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	1,556.07	118.03
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	1,616.07	118.03
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	1,666.07	118.03
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	1,606.64	143.32
		For >3 To 9, Deduct	*-99.00*	
		For >9, Deduct	*-204.60*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	1,666.64	143.32
		For >3 To 9, Deduct	*-103.50*	
		For >9, Deduct	*-213.90*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	1,716.64	143.32
		For >3 To 9, Deduct	*-107.25*	
		For >9, Deduct	*-221.65*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	1,756.64	143.32
		For >3 To 9, Deduct	*-110.25*	
		For >9, Deduct	*-227.85*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	1,786.64	143.32
		For >3 To 9, Deduct	*-112.50*	
		For >9, Deduct	*-232.50*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	1,806.64	143.32
		For >3 To 9, Deduct	*-114.00*	
		For >9, Deduct	*-235.60*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	1,816.64	143.32
		For >3 To 9, Deduct	*-114.75*	
		For >9, Deduct	*-237.15*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	1,826.64	143.32
		For >3 To 9, Deduct	*-115.50*	
		For >9, Deduct	*-238.70*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	809.89	67.44
		For >3 To 9, Deduct	*-50.63*	
		For >9, Deduct	*-104.63*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	824.89	67.44
		For >3 To 9, Deduct	*-51.75*	
		For >9, Deduct	*-106.95*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	1,009.61	84.31
		For >3 To 9, Deduct	*-63.08*	
		For >9, Deduct	*-130.36*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	1,176.61	84.31
		For >3 To 9, Deduct	*-75.60*	
		For >9, Deduct	*-156.24*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	1,248.61	84.31
		For >3 To 9, Deduct	*-81.00*	
		For >9, Deduct	*-167.40*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	1,696.64	143.32
		For >3 To 9, Deduct	*-105.75*	
		For >9, Deduct	*-218.55*	

32 94 49 Plant And Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	18.85
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	33.38
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	57.40

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	79.47
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	107.23

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	137.44	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	177.41	
32 94 49 00-0011		**Tree Wrap** *(32 94 49)*		
32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	5.03	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	8.27	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	16.23	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	24.68	
32 94 49 00-0016		**Tree Guards** *(32 94 49)*		
32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	7.88	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	7.40	
32 94 49 00-0019		**Stake Out Tree And Shrub Locations** *(32 94 49)* Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	5.12	
32 94 49 00-0021		**Root Barriers** *(32 94 49)*		
32 94 49 00-0022	EA	12" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	7.49	
32 94 49 00-0023	EA	18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	10.29	
32 94 49 00-0024	EA	24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	12.08	
32 94 49 00-0025	EA	36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	21.96	
32 94 49 00-0026	EA	48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	30.08	

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001		**Moving Shrubs On Site, Relocate** *(32 96 33)* Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	49.85	
		For >25 To 50, Deduct		*-4.99*
		For >50, Deduct		*-7.48*
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	68.37	
		For >25 To 50, Deduct		*-6.84*
		For >50, Deduct		*-10.26*
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	85.46	
		For >25 To 50, Deduct		*-8.55*
		For >50, Deduct		*-12.82*
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	111.30	
		For >25 To 50, Deduct		*-11.13*
		For >50, Deduct		*-16.70*

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001		**Moving Trees On Site, Relocate** *(32 96 43)* Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	217.76	
		For >5 To 10, Deduct		*-10.89*
		For >10 To 20, Deduct		*-21.78*
		For >20, Deduct		*-32.66*
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	298.64	
		For >5 To 10, Deduct		*-14.93*
		For >10 To 20, Deduct		*-29.86*
		For >20, Deduct		*-44.80*
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	483.91	
		For >5 To 10, Deduct		*-24.20*
		For >10 To 20, Deduct		*-48.39*
		For >20, Deduct		*-72.59*
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	804.03	
		For >5 To 10, Deduct		*-40.20*
		For >10 To 20, Deduct		*-80.40*
		For >20, Deduct		*-120.60*
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,306.55	
		For >5 To 10, Deduct		*-65.33*
		For >10 To 20, Deduct		*-130.66*
		For >20, Deduct		*-195.98*
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	1,685.88	
		For >5 To 10, Deduct		*-84.29*
		For >10 To 20, Deduct		*-168.59*
		For >20, Deduct		*-252.88*
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	2,177.59	
		For >5 To 10, Deduct		*-108.88*
		For >10 To 20, Deduct		*-217.76*
		For >20, Deduct		*-326.64*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	2,613.10	
		For >5 To 10, Deduct	*-130.66*	
		For >10 To 20, Deduct	*-261.31*	
		For >20, Deduct	*-391.97*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	2,969.43	
		For >5 To 10, Deduct	*-148.47*	
		For >10 To 20, Deduct	*-296.94*	
		For >20, Deduct	*-445.41*	

END OF SECTION 32

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
MINOR				

33 Utilities

33 01 Operation And Maintenance Of Utilities *(33)*

33 01 10 Operation And Maintenance Of Water Utilities *(33 01)*

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	766.61	
33 01 10 58-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	383.31	
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.29	
		For >250 To 500, Deduct	*-0.01*	
		For >500 To 1,000, Deduct	*-0.03*	
		For >1,000 To 2,000, Deduct	*-0.04*	
		For >2,000 To 5,000, Deduct	*-0.06*	
		For >5,000, Deduct	*-0.07*	
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.44	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.04*	
		For >1,000 To 2,000, Deduct	*-0.07*	
		For >2,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.11*	
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.57	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.06*	
		For >1,000 To 2,000, Deduct	*-0.09*	
		For >2,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.14*	
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	0.67	
		For >250 To 500, Deduct	*-0.03*	
		For >500 To 1,000, Deduct	*-0.07*	
		For >1,000 To 2,000, Deduct	*-0.10*	
		For >2,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.17*	
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	0.89	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000 To 2,000, Deduct	*-0.13*	
		For >2,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.22*	
33 01 10 58-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.00	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.10*	
		For >1,000 To 2,000, Deduct	*-0.15*	
		For >2,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.25*	
33 01 10 58-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.15	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.12*	
		For >1,000 To 2,000, Deduct	*-0.17*	
		For >2,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.29*	
33 01 10 58-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.35	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.14*	
		For >1,000 To 2,000, Deduct	*-0.20*	
		For >2,000 To 5,000, Deduct	*-0.27*	
		For >5,000, Deduct	*-0.34*	
33 01 10 58-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	1.74	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.26*	
		For >2,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.44*	
33 01 10 58-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	2.56	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000 To 2,000, Deduct	*-0.38*	
		For >2,000 To 5,000, Deduct	*-0.51*	
		For >5,000, Deduct	*-0.64*	
33 01 10 58-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	3.54	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 2,000, Deduct	*-0.53*	
		For >2,000 To 5,000, Deduct	*-0.71*	
		For >5,000, Deduct	*-0.89*	

33 01 30 Operation And Maintenance Of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	650.04	
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,300.07	
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	1,950.10	
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	325.02	
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	650.04	

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	1.65	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.58*	
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.20	
		For >500 To 1,000, Deduct	*-0.22*	
		For >1,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.77*	
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.74	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.96*	
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.66	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.28*	
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.15	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000 To 5,000, Deduct	*-1.29*	
		For >5,000, Deduct	*-1.80*	
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	6.86	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000 To 5,000, Deduct	*-1.72*	
		For >5,000, Deduct	*-2.40*	
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	9.69	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000 To 5,000, Deduct	*-2.42*	
		For >5,000, Deduct	*-3.39*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	13.73	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 5,000, Deduct	*-3.43*	
		For >5,000, Deduct	*-4.81*	

33 01 30 11-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	2.44	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.85*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	3.25	
		For >500 To 1,000, Deduct	*-0.33*	
		For >1,000 To 5,000, Deduct	*-0.81*	
		For >5,000, Deduct	*-1.14*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	4.07	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-1.42*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	5.41	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 5,000, Deduct	*-1.35*	
		For >5,000, Deduct	*-1.89*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	7.62	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 5,000, Deduct	*-1.91*	
		For >5,000, Deduct	*-2.67*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase Note: CCTV inspection of pipe interior.	10.16	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000 To 5,000, Deduct	*-2.54*	
		For >5,000, Deduct	*-3.56*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	14.34	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000 To 5,000, Deduct	*-3.59*	
		For >5,000, Deduct	*-5.02*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	20.32	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000 To 5,000, Deduct	*-5.08*	
		For >5,000, Deduct	*-7.11*	

33 01 30 11-0026 Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	1.74	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.61*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.32	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-0.81*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.91	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.29*	
		For >1,000 To 5,000, Deduct	*-0.73*	
		For >5,000, Deduct	*-1.02*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.87	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-1.35*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.44	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 5,000, Deduct	*-1.36*	
		For >5,000, Deduct	*-1.90*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	7.25	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000 To 5,000, Deduct	*-1.81*	
		For >5,000, Deduct	*-2.54*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase	10.25	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 5,000, Deduct	*-2.56*	
		For >5,000, Deduct	*-3.59*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase	14.51	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000 To 5,000, Deduct	*-3.63*	
		For >5,000, Deduct	*-5.08*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 41-0002)*

33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Jet Cleaning	2,056.82
33 01 30 41-0005	EA	Move And Reset Up At Different Access/Location For Jet Cleaning	514.20

33 01 30 41-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0007	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	2.76	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000 To 2,000, Deduct	*-0.41*	
		For >2,000 To 5,000, Deduct	*-0.55*	
		For >5,000, Deduct	*-0.69*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.07*	
33 01 30 41-0008	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.17	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 2,000, Deduct	*-0.48*	
		For >2,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-0.79*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.38*	
33 01 30 41-0009	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.73	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000 To 2,000, Deduct	*-0.56*	
		For >2,000 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-0.93*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0010	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.61	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 2,000, Deduct	*-0.69*	
		For >2,000 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.15*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.46*	
33 01 30 41-0011	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.23	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000 To 2,000, Deduct	*-0.78*	
		For >2,000 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.31*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.92*	
33 01 30 41-0012	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.03	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000 To 2,000, Deduct	*-0.90*	
		For >2,000 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-1.51*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.52*	
33 01 30 41-0013	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.26	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000 To 2,000, Deduct	*-1.09*	
		For >2,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-1.82*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.45*	
33 01 30 41-0014	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.24	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000 To 5,000, Deduct	*-1.65*	
		For >5,000, Deduct	*-2.06*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.18*	

33 01 30 41-0015 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0016	LF	12" To 16" Diameter Pipe Line Flushing	1.09	
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.11*	
		For >1,000 To 2,000, Deduct	*-0.16*	
		For >2,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.27*	
33 01 30 41-0017	LF	>16" To 24" Diameter Pipe Line Flushing	1.26	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.19*	
		For >2,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.32*	
33 01 30 41-0018	LF	>24" To 30" Diameter Pipe Line Flushing	1.47	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.22*	
		For >2,000 To 5,000, Deduct	*-0.29*	
		For >5,000, Deduct	*-0.37*	
33 01 30 41-0019	LF	>30" To 42" Diameter Pipe Line Flushing	1.71	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.26*	
		For >2,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.43*	
33 01 30 41-0020	LF	>42" To 60" Diameter Pipe Line Flushing	2.27	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.34*	
		For >2,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.57*	

33 01 30 41-0021 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

33 01 30 41-0022	LF	Jet Cleaning Of Culvert, 0-250 LF	12.79	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-1.92*	
		For >2,000 To 5,000, Deduct	*-2.56*	
		For >5,000, Deduct	*-3.20*	

33 01 30 41-0023 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0024	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	919.93	
33 01 30 41-0025	EA	Move And Reset Up At Different Access/Location	306.64	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0026	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	5.26	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000 To 2,000, Deduct	*-0.77*	
		For >2,000 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-1.28*	
33 01 30 41-0027	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	6.89	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000 To 2,000, Deduct	*-0.99*	
		For >2,000 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-1.65*	
33 01 30 41-0028	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	8.06	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000 To 2,000, Deduct	*-1.15*	
		For >2,000 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-1.92*	
33 01 30 41-0029	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	9.30	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.33*	
		For >2,000 To 5,000, Deduct	*-1.77*	
		For >5,000, Deduct	*-2.21*	
33 01 30 41-0030	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	10.13	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 2,000, Deduct	*-1.44*	
		For >2,000 To 5,000, Deduct	*-1.92*	
		For >5,000, Deduct	*-2.40*	
33 01 30 41-0031	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	11.64	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000 To 2,000, Deduct	*-1.64*	
		For >2,000 To 5,000, Deduct	*-2.19*	
		For >5,000, Deduct	*-2.74*	
33 01 30 41-0032	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	14.61	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000 To 2,000, Deduct	*-2.03*	
		For >2,000 To 5,000, Deduct	*-2.71*	
		For >5,000, Deduct	*-3.38*	
33 01 30 41-0033	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	16.62	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000 To 2,000, Deduct	*-2.26*	
		For >2,000 To 5,000, Deduct	*-3.02*	
		For >5,000, Deduct	*-3.77*	
33 01 30 41-0034	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	19.29	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.74*	
		For >1,000 To 2,000, Deduct	*-2.60*	
		For >2,000 To 5,000, Deduct	*-3.47*	
		For >5,000, Deduct	*-4.34*	
33 01 30 41-0035	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	25.31	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-2.30*	
		For >1,000 To 2,000, Deduct	*-3.45*	
		For >2,000 To 5,000, Deduct	*-4.60*	
		For >5,000, Deduct	*-5.75*	
33 01 30 41-0036	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	28.64	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000 To 2,000, Deduct	*-3.83*	
		For >2,000 To 5,000, Deduct	*-5.11*	
		For >5,000, Deduct	*-6.39*	

33 01 30 41-0037 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0038	EA	Initial Set Up And Final Equipment Removal For Auguring	919.93	
33 01 30 41-0039	EA	Move And Reset Up At Different Location	306.64	
33 01 30 41-0040	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	3.07	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.31*	
		For >1,000 To 2,000, Deduct	*-0.46*	
		For >2,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.77*	
33 01 30 41-0041	LF	6" Diameter Pipe Line Auguring/Rod Out	3.97	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 2,000, Deduct	*-0.60*	
		For >2,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-0.99*	
33 01 30 41-0042	LF	8" Diameter Pipe Line Auguring/Rod Out	4.60	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 2,000, Deduct	*-0.69*	
		For >2,000 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0043	LF	10" Diameter Pipe Line Auguring/Rod Out	5.35	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 2,000, Deduct	*-0.80*	
		For >2,000 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-1.34*	
33 01 30 41-0044	LF	12" Diameter Pipe Line Auguring/Rod Out	5.75	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.58*	
		For >1,000 To 2,000, Deduct	*-0.86*	
		For >2,000 To 5,000, Deduct	*-1.15*	
		For >5,000, Deduct	*-1.44*	
33 01 30 41-0045	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	6.58	
		For >250 To 500, Deduct	*-0.33*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000 To 2,000, Deduct	*-0.99*	
		For >2,000 To 5,000, Deduct	*-1.32*	
		For >5,000, Deduct	*-1.65*	
33 01 30 41-0046	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	8.07	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.21*	
		For >2,000 To 5,000, Deduct	*-1.61*	
		For >5,000, Deduct	*-2.02*	
33 01 30 41-0047	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	9.02	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.90*	
		For >1,000 To 2,000, Deduct	*-1.35*	
		For >2,000 To 5,000, Deduct	*-1.80*	
		For >5,000, Deduct	*-2.26*	
33 01 30 41-0048	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	10.45	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000 To 2,000, Deduct	*-1.57*	
		For >2,000 To 5,000, Deduct	*-2.09*	
		For >5,000, Deduct	*-2.61*	
33 01 30 41-0049	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	14.38	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000 To 2,000, Deduct	*-2.16*	
		For >2,000 To 5,000, Deduct	*-2.88*	
		For >5,000, Deduct	*-3.60*	
33 01 30 41-0050	LF	>60" Diameter Pipe Line Auguring/Rod Out	15.33	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000 To 5,000, Deduct	*-3.07*	
		For >5,000, Deduct	*-3.83*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Sewer Catch Basin	81.06
33 01 30 42-0004	EA	Clean Out Debris From Entrance To Inlet Structure	202.64
33 01 30 42-0005	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	680.40
		For >10 To 100, Deduct	*-102.06*
		For >100 To 250, Deduct	*-153.09*
		For >250, Deduct	*-204.12*
33 01 30 42-0006	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	816.47
		For >10 To 100, Deduct	*-122.47*
		For >100 To 250, Deduct	*-183.71*
		For >250, Deduct	*-244.94*
33 01 30 42-0007	EA	Clean Out Blocked Catch Basin By Hand	408.24
		For >10 To 100, Deduct	*-61.24*
		For >100 To 250, Deduct	*-91.85*
		For >250, Deduct	*-122.47*

33 01 30 42-0008 Cleaning Manholes And Drainage Structures *(33 01 30 42-0001)*

Note: Includes removal of debris. Excludes disposal.

33 01 30 42-0009	VLF	Waterblast Cleaning For 3' To 4' Diameter Manhole	85.70
33 01 30 42-0010	VLF	Waterblast Cleaning For 5' To 6' Diameter Manhole	107.12
33 01 30 42-0011	EA	Vacuum Out 1 To 2 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	1,096.87
33 01 30 42-0012	EA	Vacuum Out 3 To 10 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	822.66
33 01 30 42-0013	EA	Vacuum Out 11 To 25 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	548.44
33 01 30 42-0014	EA	Vacuum Out 26 To 100 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	479.89
33 01 30 42-0015	EA	Vacuum Out 101 To 250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	445.61
33 01 30 42-0016	EA	Vacuum Out >250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	411.32

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51		**Maintenance Of Utilities** *(33 01 30)*		
33 01 30 51-0001		Pipe Repair *(33 01 30 51)*		
33 01 30 51-0002		Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)* Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	111.77	
		For Stainless Steel Nuts And Bolts, Add	*18.76*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	159.53	
		For Stainless Steel Nuts And Bolts, Add	*28.27*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	184.60	
		For Stainless Steel Nuts And Bolts, Add	*33.30*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	210.47	
		For Stainless Steel Nuts And Bolts, Add	*38.31*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	120.62	
		For Stainless Steel Nuts And Bolts, Add	*20.38*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	169.62	
		For Stainless Steel Nuts And Bolts, Add	*30.17*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	194.62	
		For Stainless Steel Nuts And Bolts, Add	*35.08*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	225.13	
		For Stainless Steel Nuts And Bolts, Add	*41.05*	
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	129.86	
		For Stainless Steel Nuts And Bolts, Add	*22.29*	
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	176.51	
		For Stainless Steel Nuts And Bolts, Add	*31.55*	
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	204.27	
		For Stainless Steel Nuts And Bolts, Add	*36.99*	
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	238.50	
		For Stainless Steel Nuts And Bolts, Add	*43.91*	
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	146.41	
		For Stainless Steel Nuts And Bolts, Add	*25.34*	
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	193.65	
		For Stainless Steel Nuts And Bolts, Add	*34.12*	
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	234.91	
		For Stainless Steel Nuts And Bolts, Add	*41.53*	
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	283.02	
		For Stainless Steel Nuts And Bolts, Add	*50.10*	
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	370.80	
		For Stainless Steel Nuts And Bolts, Add	*67.29*	
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	461.65	
		For Stainless Steel Nuts And Bolts, Add	*84.48*	
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	563.44	
		For Stainless Steel Nuts And Bolts, Add	*103.63*	
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	172.15	
		For Stainless Steel Nuts And Bolts, Add	*29.91*	
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	229.04	
		For Stainless Steel Nuts And Bolts, Add	*40.57*	
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	271.18	
		For Stainless Steel Nuts And Bolts, Add	*47.84*	
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	317.52	
		For Stainless Steel Nuts And Bolts, Add	*55.59*	
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	441.20	
		For Stainless Steel Nuts And Bolts, Add	*80.56*	
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	536.59	
		For Stainless Steel Nuts And Bolts, Add	*98.23*	
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	640.93	
		For Stainless Steel Nuts And Bolts, Add	*117.39*	
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	222.95	
		For Stainless Steel Nuts And Bolts, Add	*35.78*	
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	290.08	
		For Stainless Steel Nuts And Bolts, Add	*47.35*	
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	350.19	
		For Stainless Steel Nuts And Bolts, Add	*57.30*	
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	418.14	
		For Stainless Steel Nuts And Bolts, Add	*68.28*	
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	556.95	
		For Stainless Steel Nuts And Bolts, Add	*94.59*	
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	666.12	
		For Stainless Steel Nuts And Bolts, Add	*113.10*	
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	788.53	
		For Stainless Steel Nuts And Bolts, Add	*133.12*	
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	261.78	
		For Stainless Steel Nuts And Bolts, Add	*43.55*	
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	352.44	
		For Stainless Steel Nuts And Bolts, Add	*60.24*	
33 01 30 51-0038	EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	414.88	
		For Stainless Steel Nuts And Bolts, Add	*70.43*	
33 01 30 51-0039	EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	509.31	
		For Stainless Steel Nuts And Bolts, Add	*87.11*	
33 01 30 51-0040	EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	670.40	
		For Stainless Steel Nuts And Bolts, Add	*118.16*	
33 01 30 51-0041	EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	762.01	
		For Stainless Steel Nuts And Bolts, Add	*132.06*	
33 01 30 51-0042	EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	982.42	
		For Stainless Steel Nuts And Bolts, Add	*174.23*	
33 01 30 51-0043	EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	297.80	
		For Stainless Steel Nuts And Bolts, Add	*49.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0044	EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	389.33	
		For Stainless Steel Nuts And Bolts, Add	*65.33*	
33 01 30 51-0045	EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	470.05	
		For Stainless Steel Nuts And Bolts, Add	*79.05*	
33 01 30 51-0046	EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	578.71	
		For Stainless Steel Nuts And Bolts, Add	*98.23*	
33 01 30 51-0047	EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	746.06	
		For Stainless Steel Nuts And Bolts, Add	*129.75*	
33 01 30 51-0048	EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	876.93	
		For Stainless Steel Nuts And Bolts, Add	*151.52*	
33 01 30 51-0049	EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,116.14	
		For Stainless Steel Nuts And Bolts, Add	*196.47*	

33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0051	EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	670.41	
		For Stainless Steel Nuts And Bolts, Add	*188.99*	
33 01 30 51-0052	EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	951.79	
		For Stainless Steel Nuts And Bolts, Add	*272.83*	
33 01 30 51-0053	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,282.38	
		For Stainless Steel Nuts And Bolts, Add	*370.00*	
33 01 30 51-0054	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,892.46	
		For Stainless Steel Nuts And Bolts, Add	*557.66*	
33 01 30 51-0055	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	703.66	
		For Stainless Steel Nuts And Bolts, Add	*198.29*	
33 01 30 51-0056	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	996.32	
		For Stainless Steel Nuts And Bolts, Add	*285.48*	
33 01 30 51-0057	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,339.03	
		For Stainless Steel Nuts And Bolts, Add	*385.97*	
33 01 30 51-0058	EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,983.75	
		For Stainless Steel Nuts And Bolts, Add	*584.27*	
33 01 30 51-0059	EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	721.33	
		For Stainless Steel Nuts And Bolts, Add	*202.30*	
33 01 30 51-0060	EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,019.58	
		For Stainless Steel Nuts And Bolts, Add	*290.82*	
33 01 30 51-0061	EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,373.75	
		For Stainless Steel Nuts And Bolts, Add	*394.62*	
33 01 30 51-0062	EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,033.56	
		For Stainless Steel Nuts And Bolts, Add	*596.91*	
33 01 30 51-0063	EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	739.82	
		For Stainless Steel Nuts And Bolts, Add	*206.29*	
33 01 30 51-0064	EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,046.05	
		For Stainless Steel Nuts And Bolts, Add	*296.80*	
33 01 30 51-0065	EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,407.07	
		For Stainless Steel Nuts And Bolts, Add	*401.94*	
33 01 30 51-0066	EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,083.13	
		For Stainless Steel Nuts And Bolts, Add	*608.90*	
33 01 30 51-0067	EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	756.37	
		For Stainless Steel Nuts And Bolts, Add	*209.62*	
33 01 30 51-0068	EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,068.56	
		For Stainless Steel Nuts And Bolts, Add	*301.45*	
33 01 30 51-0069	EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,440.37	
		For Stainless Steel Nuts And Bolts, Add	*409.25*	
33 01 30 51-0070	EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,127.67	
		For Stainless Steel Nuts And Bolts, Add	*618.87*	
33 01 30 51-0071	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	772.05	
		For Stainless Steel Nuts And Bolts, Add	*212.96*	
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,091.80	
		For Stainless Steel Nuts And Bolts, Add	*306.78*	
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,470.06	
		For Stainless Steel Nuts And Bolts, Add	*415.91*	
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,155.79	
		For Stainless Steel Nuts And Bolts, Add	*623.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	790.13	
		For Stainless Steel Nuts And Bolts, Add	*217.10*	
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,119.37	
		For Stainless Steel Nuts And Bolts, Add	*313.43*	
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,501.68	
		For Stainless Steel Nuts And Bolts, Add	*423.23*	
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,220.33	
		For Stainless Steel Nuts And Bolts, Add	*641.50*	

33 01 30 51-0079 Repair Couplings and Fittings *(33 01 30 51-0001)*

33 01 30 51-0080 Couplings And Fittings For Copper Pipe, Compression *(33 01 30 51-0079)*

Note: Includes gaskets. Dresser style 88.

33 01 30 51-0081 Copper Compression Repair Couplings *(33 01 30 51-0080)*

33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling	42.80
33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling	50.17
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling	58.87
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling	66.49
33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling	97.87

33 01 30 51-0087 Copper Compression Repair Fitting, 90 Degree Elbows *(33 01 30 51-0080)*

33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow	49.36
33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow	59.81
33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow	112.77
33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow	51.03
33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow	45.26
33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow	52.93
33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow	64.12

33 01 30 51-0095 Copper Compression Repair Fitting, Tees *(33 01 30 51-0080)*

33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee	87.10
33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee	74.09
33 01 30 51-0098	EA	1" Copper Compression Repair Tee	87.62
33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee	76.00

33 01 30 51-0100 Copper Compression Repair Fitting, Male Adapters *(33 01 30 51-0080)*

33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter	42.04
33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter	35.80
33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter	42.08
33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter	52.90
33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter	60.28
33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter	66.87

33 01 30 51-0107 Copper Compression Repair Fitting, Female Adapters *(33 01 30 51-0080)*

33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter	48.25
33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter	53.12

33 01 30 51-0110 Couplings And Fittings For Steel Pipe, Cast Body, Compression *(33 01 30 51-0079)*

Note: Includes gaskets. Dresser style 90.

33 01 30 51-0111 Couplings For Steel Pipe, Cast Body (Compression) *(33 01 30 51-0110)*

Note: Includes gaskets.

33 01 30 51-0112	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring	45.13
33 01 30 51-0113	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring	46.41
33 01 30 51-0114	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring	52.44
33 01 30 51-0115	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring	58.53
33 01 30 51-0116	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring	72.41
33 01 30 51-0117	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring	87.97
33 01 30 51-0118	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	46.28
33 01 30 51-0119	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	47.68
33 01 30 51-0120	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	52.63
33 01 30 51-0121	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	59.12
33 01 30 51-0122	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	74.35
33 01 30 51-0123	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	88.83
33 01 30 51-0124	EA	3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	85.95
33 01 30 51-0125	EA	1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	100.54
33 01 30 51-0126	EA	1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	105.13
33 01 30 51-0127	EA	1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	118.91
33 01 30 51-0128	EA	2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	144.58

33 01 30 51-0129 Reducing Couplings For Steel Pipe (Compression) *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0130	EA	3/4" x 1/2" Reducing Coupling (Compression)	50.25
33 01 30 51-0131	EA	1" x 3/4" Reducing Coupling (Compression)	53.69

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0132	EA	1-1/4" x 3/4" Reducing Coupling (Compression)	60.64	
33 01 30 51-0133	EA	1-1/4" x 1" Reducing Coupling (Compression)	62.76	
33 01 30 51-0134	EA	1-1/2" x 3/4" Reducing Coupling (Compression)	116.79	
33 01 30 51-0135	EA	1-1/2" x 1" Reducing Coupling (Compression)	75.71	
33 01 30 51-0136	EA	1-1/2" x 1-1/4" Reducing Coupling (Compression)	76.01	
33 01 30 51-0137	EA	2" x 3/4" Reducing Coupling (Compression)	139.52	
33 01 30 51-0138	EA	2" x 1" Reducing Coupling (Compression)	127.72	
33 01 30 51-0139	EA	2" x 1-1/4" Reducing Coupling (Compression)	99.64	
33 01 30 51-0140	EA	2" x 1-1/2" Reducing Coupling (Compression)	99.33	

33 01 30 51-0141 Steel Compression Repair Fittings, Elbows *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0142	EA	1" 45 Degree Elbow (Compression)	80.78	
33 01 30 51-0143	EA	1-1/4" 45 Degree Elbow (Compression)	84.71	
33 01 30 51-0144	EA	1-1/2" 45 Degree Elbow (Compression)	109.15	
33 01 30 51-0145	EA	2" 45 Degree Elbow (Compression)	137.32	
33 01 30 51-0146	EA	3/4" 90 Degree Elbow (Compression)	55.15	
33 01 30 51-0147	EA	1" 90 Degree Elbow (Compression)	57.79	
33 01 30 51-0148	EA	1-1/4" 90 Degree Elbow (Compression)	67.54	
33 01 30 51-0149	EA	1-1/2" 90 Degree Elbow (Compression)	95.23	
33 01 30 51-0150	EA	2" 90 Degree Elbow (Compression)	105.12	
33 01 30 51-0151	EA	3/4" Plain End 90 Degree Street Elbow (Compression)	55.31	
33 01 30 51-0152	EA	1" Plain End 90 Degree Street Elbow (Compression)	50.14	
33 01 30 51-0153	EA	1-1/4" Plain End 90 Degree Street Elbow (Compression)	56.71	
33 01 30 51-0154	EA	1-1/2" Plain End 90 Degree Street Elbow (Compression)	71.62	
33 01 30 51-0155	EA	2" Plain End 90 Degree Street Elbow (Compression)	91.77	
33 01 30 51-0156	EA	3/4" Threaded End 90 Degree Street Elbow (Compression)	56.97	
33 01 30 51-0157	EA	1" Threaded End 90 Degree Street Elbow (Compression)	53.25	
33 01 30 51-0158	EA	1-1/4" Threaded End 90 Degree Street Elbow (Compression)	68.28	
33 01 30 51-0159	EA	1-1/2" Threaded End 90 Degree Street Elbow (Compression)	82.66	
33 01 30 51-0160	EA	2" Threaded End 90 Degree Street Elbow (Compression)	115.38	

33 01 30 51-0161 Steel Compression Repair Fittings, Tees *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0162	EA	3/4" Street Tee (Compression)	62.64	
33 01 30 51-0163	EA	1" Street Tee (Compression)	73.66	
33 01 30 51-0164	EA	1-1/4" Street Tee (Compression)	75.58	
33 01 30 51-0165	EA	1-1/2" Street Tee (Compression)	88.23	
33 01 30 51-0166	EA	2" Street Tee (Compression)	129.60	
33 01 30 51-0167	EA	1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression)	74.98	
33 01 30 51-0168	EA	1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression)	78.00	
33 01 30 51-0169	EA	1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression)	97.68	
33 01 30 51-0170	EA	1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression)	111.30	
33 01 30 51-0171	EA	1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression)	111.90	
33 01 30 51-0172	EA	1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression)	96.40	
33 01 30 51-0173	EA	2" x 1-1/4" x 2" Reducing Street Tee (Compression)	126.66	
33 01 30 51-0174	EA	2" x 1-1/2" x 2" Reducing Street Tee (Compression)	141.79	
33 01 30 51-0175	EA	3/4" Welding Street Tee (Compression)	108.05	
33 01 30 51-0176	EA	1" Welding Street Tee (Compression)	109.60	
33 01 30 51-0177	EA	1-1/4" Welding Street Tee (Compression)	118.18	
33 01 30 51-0178	EA	1-1/2" Welding Street Tee (Compression)	142.72	
33 01 30 51-0179	EA	2" Welding Street Tee (Compression)	190.38	
33 01 30 51-0180	EA	3/4" Regular Tee (Compression)	81.63	
33 01 30 51-0181	EA	1" Regular Tee (Compression)	138.42	
33 01 30 51-0182	EA	1-1/4" Regular Tee (Compression)	146.94	
33 01 30 51-0183	EA	1-1/2" Regular Tee (Compression)	159.59	
33 01 30 51-0184	EA	2" Regular Tee (Compression)	178.12	
33 01 30 51-0185	EA	2" x 2" x 1-1/4" Regular Reducing Tee (Compression)	175.69	

33 01 30 51-0186 Steel Compression Repair Fittings, Male Adapters *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0187	EA	3/4" Male Adapter (Compression)	55.01	
33 01 30 51-0188	EA	1" Male Adapter (Compression)	61.56	
33 01 30 51-0189	EA	1-1/4" Male Adapter (Compression)	79.34	
33 01 30 51-0190	EA	1-1/2" Male Adapter (Compression)	90.39	
33 01 30 51-0191	EA	2" Male Adapter (Compression)	102.59	
33 01 30 51-0192	EA	1" x 1-1/4" Male Adapter (Compression)	78.95	

33 01 30 51-0193 Steel Compression Repair Fittings, Line Caps *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0194	EA	3/4" Line Caps (Compression)	29.36	
33 01 30 51-0195	EA	1" Line Caps (Compression)	34.19	
33 01 30 51-0196	EA	1-1/4" Line Caps (Compression)	39.10	
33 01 30 51-0197	EA	1-1/2" Line Caps (Compression)	46.25	
33 01 30 51-0198	EA	2" Line Caps (Compression)	56.97	

33 01 30 51-0199 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0200	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	38.30	
33 01 30 51-0201	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket	48.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0202	EA	1" Coupling, 5" Middle Ring With Buna S Gasket	57.55	
33 01 30 51-0203	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	70.92	
33 01 30 51-0204	EA	2" Coupling, 4" Middle Ring With Buna S Gasket	87.53	
33 01 30 51-0205	EA	2" Coupling, 5" Middle Ring With Buna S Gasket	104.79	
33 01 30 51-0206	EA	2" Coupling, 7" Middle Ring With Buna S Gasket	100.50	
33 01 30 51-0207	EA	3" Coupling, 4" Middle Ring With Buna S Gasket	135.86	
33 01 30 51-0208	EA	3" Coupling, 5" Middle Ring With Buna S Gasket	138.46	
33 01 30 51-0209	EA	3" Coupling, 7" Middle Ring With Buna S Gasket	141.06	
33 01 30 51-0210	EA	4" Coupling, 4" Middle Ring With Buna S Gasket	162.43	
33 01 30 51-0211	EA	4" Coupling, 5" Middle Ring With Buna S Gasket	166.84	
33 01 30 51-0212	EA	4" Coupling, 7" Middle Ring With Buna S Gasket	172.37	
33 01 30 51-0213	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	204.84	
33 01 30 51-0214	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	206.58	
33 01 30 51-0215	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	212.92	
33 01 30 51-0216	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	224.21	
33 01 30 51-0217	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	228.92	
33 01 30 51-0218	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	234.94	
33 01 30 51-0219	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	262.26	
33 01 30 51-0220	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	269.23	
33 01 30 51-0221	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	274.95	
33 01 30 51-0222	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	312.52	
33 01 30 51-0223	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	345.41	
33 01 30 51-0224	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	354.71	
33 01 30 51-0225	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	424.43	
33 01 30 51-0226	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	483.53	
33 01 30 51-0227	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	563.23	
33 01 30 51-0228	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	617.10	
33 01 30 51-0229	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	665.76	
33 01 30 51-0230	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	801.53	
33 01 30 51-0231	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	846.30	

33 01 30 51-0232 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket, protected. Dresser style 38.

33 01 30 51-0233	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	39.05	
33 01 30 51-0234	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	48.51	
33 01 30 51-0235	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	57.50	
33 01 30 51-0236	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	70.58	
33 01 30 51-0237	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	97.45	
33 01 30 51-0238	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	96.08	
33 01 30 51-0239	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	96.77	
33 01 30 51-0240	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	141.06	
33 01 30 51-0241	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	143.66	
33 01 30 51-0242	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	146.26	
33 01 30 51-0243	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	169.51	
33 01 30 51-0244	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	164.93	
33 01 30 51-0245	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	167.34	
33 01 30 51-0246	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	213.96	
33 01 30 51-0247	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	215.24	
33 01 30 51-0248	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	274.21	
33 01 30 51-0249	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	227.00	
33 01 30 51-0250	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	233.77	
33 01 30 51-0251	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	236.38	
33 01 30 51-0252	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	277.39	
33 01 30 51-0253	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	279.96	
33 01 30 51-0254	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	284.10	
33 01 30 51-0255	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	318.76	
33 01 30 51-0256	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	351.91	
33 01 30 51-0257	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	361.21	
33 01 30 51-0258	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	430.79	
33 01 30 51-0259	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	490.03	
33 01 30 51-0260	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	572.98	
33 01 30 51-0261	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	630.10	
33 01 30 51-0262	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	678.76	
33 01 30 51-0263	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	814.53	
33 01 30 51-0264	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	859.30	

33 01 30 51-0265 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna N gasket, protected. Dresser style 38.

33 01 30 51-0266	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	43.67	
33 01 30 51-0267	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	53.21	
33 01 30 51-0268	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	63.02	
33 01 30 51-0269	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	77.75	
33 01 30 51-0270	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	97.45	
33 01 30 51-0271	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	109.06	
33 01 30 51-0272	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	112.92	
33 01 30 51-0273	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	141.06	
33 01 30 51-0274	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	143.66	
33 01 30 51-0275	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	146.26	
33 01 30 51-0276	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	169.51	
33 01 30 51-0277	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	178.78	
33 01 30 51-0278	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	182.31	
33 01 30 51-0279	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	213.96	
33 01 30 51-0280	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	215.24	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0281	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	230.12	
33 01 30 51-0282	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	227.00	
33 01 30 51-0283	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	233.77	
33 01 30 51-0284	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	236.38	
33 01 30 51-0285	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	277.39	
33 01 30 51-0286	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	279.96	
33 01 30 51-0287	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	284.10	
33 01 30 51-0288	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	318.76	
33 01 30 51-0289	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	351.91	
33 01 30 51-0290	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	361.21	
33 01 30 51-0291	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	430.79	
33 01 30 51-0292	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	490.03	
33 01 30 51-0293	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	563.23	
33 01 30 51-0294	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	630.10	
33 01 30 51-0295	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	678.76	
33 01 30 51-0296	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	814.53	
33 01 30 51-0297	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	859.30	

33 01 30 51-0298 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes high temperature carded glass gasket, protected. Dresser style 38.

33 01 30 51-0299	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	69.52	
33 01 30 51-0300	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	77.93	
33 01 30 51-0301	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	86.84	
33 01 30 51-0302	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	124.94	
33 01 30 51-0303	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	132.06	
33 01 30 51-0304	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	135.68	
33 01 30 51-0305	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	166.12	
33 01 30 51-0306	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	165.30	
33 01 30 51-0307	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	191.78	
33 01 30 51-0308	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	195.31	
33 01 30 51-0309	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	255.60	
33 01 30 51-0310	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	260.28	
33 01 30 51-0311	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	277.87	
33 01 30 51-0312	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	280.98	
33 01 30 51-0313	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	299.69	
33 01 30 51-0314	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	346.21	
33 01 30 51-0315	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	365.18	
33 01 30 51-0316	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	383.49	
33 01 30 51-0317	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	383.43	
33 01 30 51-0318	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	471.93	
33 01 30 51-0319	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	486.22	
33 01 30 51-0320	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	555.32	
33 01 30 51-0321	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	673.61	
33 01 30 51-0322	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	674.30	
33 01 30 51-0323	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	745.71	
33 01 30 51-0324	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	806.08	
33 01 30 51-0325	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	872.30	

33 01 30 79 Relining Pipelines *(33 01 30)*

33 01 30 79-0001 Relining Underground Pipelines *(33 01 30 79)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 79-0002 Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 79-0001)*

33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Relining Underground Pipelines	3,860.17	
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Relining Underground Pipelines	1,544.07	

33 01 30 79-0005 Lining Pipe With Resin Impregnated Cured In-Place Pipe *(33 01 30 79-0001)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting.

33 01 30 79-0006 Relining Underground Pipelines Set-Up And Reinsertion For CIPP *(33 01 30 79-0005)*

33 01 30 79-0007	EA	Initial Set Up And Final Equipment Removal For Relining Underground Pipelines CIPP	3,860.17	
33 01 30 79-0008	EA	Move And Reset Up At Different Access/Location For Relining Underground Pipelines CIPP	1,544.07	
33 01 30 79-0009	EA	Mixing Truck And Refrigeration For 12" To 24" CIPP Note: Need to mix wet material in bag prior to installation.	3,930.08	
33 01 30 79-0010	EA	Mixing Truck And Refrigeration For 27" To 48" CIPP Note: Need to mix wet material in bag prior to installation.	8,360.17	
33 01 30 79-0011	EA	Mixing Truck And Refrigeration For 54" To 72" CIPP Note: Need to mix wet material in bag prior to installation.	15,755.30	

33 01 30 79-0012 6mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*

33 01 30 79-0013	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	50.03	

33 01 30 79-0014 7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*

33 01 30 79-0015	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	53.38	
33 01 30 79-0016	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	63.34	
33 01 30 79-0017	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	74.51	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0018		9mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0019	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	56.58	
33 01 30 79-0020	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	66.81	
33 01 30 79-0021	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	78.62	
33 01 30 79-0022	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	95.14	
33 01 30 79-0023	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	103.47	
33 01 30 79-0024		10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0025	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	70.73	
33 01 30 79-0026	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	83.22	
33 01 30 79-0027	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	98.08	
33 01 30 79-0028	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	109.17	
33 01 30 79-0029	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	121.81	
33 01 30 79-0030	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	136.37	
33 01 30 79-0031	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	158.93	
33 01 30 79-0032		12mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0033	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	76.61	
33 01 30 79-0034	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	90.28	
33 01 30 79-0035	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	102.43	
33 01 30 79-0036	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	116.11	
33 01 30 79-0037	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	129.82	
33 01 30 79-0038	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	145.07	
33 01 30 79-0039	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	167.95	
33 01 30 79-0040	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	196.70	
33 01 30 79-0041	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	228.63	
33 01 30 79-0042		13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0043	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	81.11	
33 01 30 79-0044	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	94.69	
33 01 30 79-0045	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	108.60	
33 01 30 79-0046	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	122.57	
33 01 30 79-0047	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	137.62	
33 01 30 79-0048	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	153.38	
33 01 30 79-0049	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	178.25	
33 01 30 79-0050	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	203.80	
33 01 30 79-0051	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	239.86	
33 01 30 79-0052		15mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0053	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	84.86	
33 01 30 79-0054	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	100.32	
33 01 30 79-0055	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	114.42	
33 01 30 79-0056	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	129.67	
33 01 30 79-0057	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	145.12	
33 01 30 79-0058	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	157.95	
33 01 30 79-0059	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	187.58	
33 01 30 79-0060	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	215.41	
33 01 30 79-0061	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	253.01	
33 01 30 79-0062		16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0063	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	105.28	
33 01 30 79-0064	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	120.23	
33 01 30 79-0065	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	136.54	
33 01 30 79-0066	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	152.61	
33 01 30 79-0067	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	181.28	
33 01 30 79-0068	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	195.47	
33 01 30 79-0069	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	226.98	
33 01 30 79-0070	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	266.17	
33 01 30 79-0071	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	308.24	
33 01 30 79-0072		18mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0073	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	111.99	
33 01 30 79-0074	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	127.79	
33 01 30 79-0075	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	144.74	
33 01 30 79-0076	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	162.41	
33 01 30 79-0077	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	181.70	
33 01 30 79-0078	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	211.34	
33 01 30 79-0079	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	239.83	
33 01 30 79-0080	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	283.36	
33 01 30 79-0081	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	327.85	
33 01 30 79-0082	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	383.22	
33 01 30 79-0083	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	456.18	
33 01 30 79-0084	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	543.19	
33 01 30 79-0085		19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0086	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	116.88	
33 01 30 79-0087	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	132.38	
33 01 30 79-0088	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	151.82	
33 01 30 79-0089	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	169.86	
33 01 30 79-0090	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	189.53	
33 01 30 79-0091	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	221.62	
33 01 30 79-0092	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	253.33	
33 01 30 79-0093	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	301.01	
33 01 30 79-0094	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	342.75	
33 01 30 79-0095	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	401.08	
33 01 30 79-0096	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	475.83	
33 01 30 79-0097	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	564.63	
33 01 30 79-0098		**21mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0099	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	121.06	
33 01 30 79-0100	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	136.77	
33 01 30 79-0101	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	160.69	
33 01 30 79-0102	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	179.82	
33 01 30 79-0103	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	200.59	
33 01 30 79-0104	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	234.77	
33 01 30 79-0105	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	268.31	
33 01 30 79-0106	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	314.07	
33 01 30 79-0107	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	362.77	
33 01 30 79-0108	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	421.48	
33 01 30 79-0109	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	500.02	
33 01 30 79-0110	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	593.30	
33 01 30 79-0111		**22.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0112	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	124.18	
33 01 30 79-0113	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	142.19	
33 01 30 79-0114	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	167.02	
33 01 30 79-0115	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	187.19	
33 01 30 79-0116	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	208.96	
33 01 30 79-0117	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	244.67	
33 01 30 79-0118	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.82	
33 01 30 79-0119	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	327.04	
33 01 30 79-0120	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	377.60	
33 01 30 79-0121	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	437.82	
33 01 30 79-0122	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	517.99	
33 01 30 79-0123	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	612.91	
33 01 30 79-0124		**24mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0125	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	130.79	
33 01 30 79-0126	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	149.55	
33 01 30 79-0127	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	175.96	
33 01 30 79-0128	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	197.20	
33 01 30 79-0129	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	219.32	
33 01 30 79-0130	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	258.08	
33 01 30 79-0131	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	294.88	
33 01 30 79-0132	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	344.82	
33 01 30 79-0133	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	403.11	
33 01 30 79-0134	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	464.29	
33 01 30 79-0135	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	548.93	
33 01 30 79-0136	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	649.05	
33 01 30 79-0137		**25.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0138	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	154.84	
33 01 30 79-0139	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	182.52	
33 01 30 79-0140	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	199.36	
33 01 30 79-0141	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	228.26	
33 01 30 79-0142	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	268.07	
33 01 30 79-0143	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	306.40	
33 01 30 79-0144	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	357.78	
33 01 30 79-0145	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	411.01	
33 01 30 79-0146	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	476.78	
33 01 30 79-0147	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	562.67	
33 01 30 79-0148	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	664.03	
33 01 30 79-0149		**27mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0150	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	162.46	
33 01 30 79-0151	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	191.40	
33 01 30 79-0152	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	207.25	
33 01 30 79-0153	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	239.50	
33 01 30 79-0154	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.85	
33 01 30 79-0155	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	332.27	
33 01 30 79-0156	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	375.52	
33 01 30 79-0157	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	432.88	
33 01 30 79-0158	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	501.28	
33 01 30 79-0159	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	591.51	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0160	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	698.02	
33 01 30 79-0161		**28.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0162	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	197.77	
33 01 30 79-0163	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	215.23	
33 01 30 79-0164	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	213.00	
33 01 30 79-0165	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	291.43	
33 01 30 79-0166	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	337.34	
33 01 30 79-0167	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	388.37	
33 01 30 79-0168	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	447.56	
33 01 30 79-0169	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	517.46	
33 01 30 79-0170	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	609.32	
33 01 30 79-0171	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	717.44	
33 01 30 79-0172		**30mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0173	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	202.94	
33 01 30 79-0174	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	223.94	
33 01 30 79-0175	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	258.96	
33 01 30 79-0176	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	304.88	
33 01 30 79-0177	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	348.40	
33 01 30 79-0178	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	406.26	
33 01 30 79-0179	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	468.16	
33 01 30 79-0180	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	541.36	
33 01 30 79-0181	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	637.64	
33 01 30 79-0182	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	750.95	
33 01 30 79-0183		**31.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0184	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	205.45	
33 01 30 79-0185	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	230.77	
33 01 30 79-0186	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	257.51	
33 01 30 79-0187	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	313.51	
33 01 30 79-0188	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	359.70	
33 01 30 79-0189	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	419.27	
33 01 30 79-0190	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	482.80	
33 01 30 79-0191	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	557.63	
33 01 30 79-0192	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	655.53	
33 01 30 79-0193	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	770.46	
33 01 30 79-0194		**33mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0195	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	214.59	
33 01 30 79-0196	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	240.64	
33 01 30 79-0197	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	268.55	
33 01 30 79-0198	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	328.44	
33 01 30 79-0199	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	375.40	
33 01 30 79-0200	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	437.39	
33 01 30 79-0201	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	503.58	
33 01 30 79-0202	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	581.88	
33 01 30 79-0203	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	684.32	
33 01 30 79-0204	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	804.64	
33 01 30 79-0205		**34.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0206	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	247.41	
33 01 30 79-0207	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	276.10	
33 01 30 79-0208	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	331.89	
33 01 30 79-0209	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	386.44	
33 01 30 79-0210	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	448.44	
33 01 30 79-0211	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	518.11	
33 01 30 79-0212	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	596.86	
33 01 30 79-0213	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	700.79	
33 01 30 79-0214	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	822.60	
33 01 30 79-0215		**36mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0216	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	257.36	
33 01 30 79-0217	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	287.24	
33 01 30 79-0218	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	339.06	
33 01 30 79-0219	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	402.28	
33 01 30 79-0220	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	468.35	
33 01 30 79-0221	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	539.17	
33 01 30 79-0222	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	622.43	
33 01 30 79-0223	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	731.12	
33 01 30 79-0224	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	858.61	
33 01 30 79-0225		**37.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 79-0005)*		
33 01 30 79-0226	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	294.92	
33 01 30 79-0227	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	348.21	
33 01 30 79-0228	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	413.24	
33 01 30 79-0229	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	481.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0230	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	551.69	
33 01 30 79-0231	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	637.45	
33 01 30 79-0232	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	747.64	
33 01 30 79-0233	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	876.63	
33 01 30 79-0234		39mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0235	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	361.76	
33 01 30 79-0236	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	429.32	
33 01 30 79-0237	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	499.69	
33 01 30 79-0238	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	574.98	
33 01 30 79-0239	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	663.44	
33 01 30 79-0240	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	778.55	
33 01 30 79-0241	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	913.41	
33 01 30 79-0242		40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0243	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	430.37	
33 01 30 79-0244	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	512.24	
33 01 30 79-0245	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	589.38	
33 01 30 79-0246	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	679.28	
33 01 30 79-0247	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	795.99	
33 01 30 79-0248	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	932.42	
33 01 30 79-0249		42mm Thick Lining Cured In-Place Pipe *(33 01 30 79-0005)*		
33 01 30 79-0250	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	530.93	
33 01 30 79-0251	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	610.95	
33 01 30 79-0252	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	704.53	
33 01 30 79-0253	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	826.20	
33 01 30 79-0254	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	968.58	
33 01 30 79-0255		Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 79-0001)*		
33 01 30 79-0256	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	21.20	
		For DR 26 Pipe Liner, Add	*3.23*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000, Deduct	*-2.48*	
33 01 30 79-0257	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	26.47	
		For DR 26 Pipe Liner, Add	*4.39*	
		For DR 35 Pipe Liner, Deduct	*-2.20*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.34*	
		For >2,000, Deduct	*-2.67*	
33 01 30 79-0258	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	27.53	
		For DR 26 Pipe Liner, Add	*4.47*	
		For DR 35 Pipe Liner, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.45*	
		For >2,000, Deduct	*-2.90*	
33 01 30 79-0259	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	37.36	
		For DR 26 Pipe Liner, Add	*6.71*	
		For DR 35 Pipe Liner, Deduct	*-3.35*	
		For DR 41 Pipe Liner, Deduct	*-6.71*	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 2,000, Deduct	*-1.58*	
		For >2,000, Deduct	*-3.16*	
33 01 30 79-0260	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	50.84	
		For DR 26 Pipe Liner, Add	*9.82*	
		For DR 35 Pipe Liner, Deduct	*-4.91*	
		For DR 41 Pipe Liner, Deduct	*-9.82*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000 To 2,000, Deduct	*-1.74*	
		For >2,000, Deduct	*-3.47*	
33 01 30 79-0261	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	68.44	
		For DR 35 Pipe Liner, Deduct	*-6.91*	
		For DR 41 Pipe Liner, Deduct	*-13.82*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,000, Deduct	*-1.97*	
		For >2,000, Deduct	*-3.95*	
33 01 30 79-0262	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	95.00	
		For DR 41 Pipe Liner, Deduct	*-8.02*	
		For DR 50 Pipe Liner, Deduct	*-16.03*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 2,000, Deduct	*-2.23*	
		For >2,000, Deduct	*-4.46*	
33 01 30 79-0263	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	107.12	
		For DR 50 Pipe Liner, Deduct	*-13.66*	
		For DR 55 Pipe Liner, Deduct	*-22.76*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000 To 2,000, Deduct	*-2.41*	
		For >2,000, Deduct	*-4.82*	
33 01 30 79-0264	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	129.72	
		For DR 60 Pipe Liner, Deduct	*-16.83*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000 To 2,000, Deduct	*-2.63*	
		For >2,000, Deduct	*-5.26*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0265		Form And Fold Polyvinyl Chloride (PVC) Pipeliner *(33 01 30 79-0001)*		
33 01 30 79-0266	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	22.41	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000 To 2,000, Deduct	*-1.24*	
		For >2,000, Deduct	*-2.48*	
		For DR 26 Pipe Liner, Add	*3.54*	
33 01 30 79-0267	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	26.47	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.34*	
		For >2,000, Deduct	*-2.67*	
		For DR 26 Pipe Liner, Add	*4.39*	
		For DR 35 Pipe Liner, Deduct	*-2.20*	
33 01 30 79-0268	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	29.16	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.45*	
		For >2,000, Deduct	*-2.90*	
		For DR 26 Pipe Liner, Add	*4.88*	
		For DR 35 Pipe Liner, Deduct	*-2.44*	
33 01 30 79-0269	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	39.79	
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 2,000, Deduct	*-1.58*	
		For >2,000, Deduct	*-3.16*	
		For DR 26 Pipe Liner, Add	*7.32*	
		For DR 35 Pipe Liner, Deduct	*-3.66*	
		For DR 41 Pipe Liner, Deduct	*-7.32*	
33 01 30 79-0270	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	54.50	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000 To 2,000, Deduct	*-1.74*	
		For >2,000, Deduct	*-3.47*	
		For DR 26 Pipe Liner, Add	*10.73*	
		For DR 35 Pipe Liner, Deduct	*-5.37*	
		For DR 41 Pipe Liner, Deduct	*-10.73*	
33 01 30 79-0271	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	73.64	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000 To 2,000, Deduct	*-1.97*	
		For >2,000, Deduct	*-3.95*	
		For DR 35 Pipe Liner, Deduct	*-7.56*	
		For DR 41 Pipe Liner, Deduct	*-15.12*	
33 01 30 79-0272	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35	102.64	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 2,000, Deduct	*-2.23*	
		For >2,000, Deduct	*-4.46*	
		For DR 41 Pipe Liner, Deduct	*-8.78*	
		For DR 50 Pipe Liner, Deduct	*-17.56*	
33 01 30 79-0273	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47	115.58	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000 To 2,000, Deduct	*-2.41*	
		For >2,000, Deduct	*-4.82*	
		For DR 50 Pipe Liner, Deduct	*-14.93*	
		For DR 55 Pipe Liner, Deduct	*-24.88*	
33 01 30 79-0274	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55	140.45	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000 To 2,000, Deduct	*-2.63*	
		For >2,000, Deduct	*-5.26*	
		For DR 60 Pipe Liner, Deduct	*-18.44*	
33 01 30 79-0275		Lining Pipe, Spray Applied With Structural Polyurethane *(33 01 30 79-0001)*		
		Note: Two part structural polyurethane.		
33 01 30 79-0276		Mobilization And Setup For Spray Applied Structural Polyurethane Lining *(33 01 30 79-0275)*		
33 01 30 79-0277	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining	1,416.31	
33 01 30 79-0278		Lining Pipe, Spray Applied With 100 mil Structural Polyurethane *(33 01 30 79-0275)*		
		Note: Two part structural polyurethane.		
33 01 30 79-0279	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	35.43	
		For Up To 75, Add	*7.85*	
		For >75 To 150, Add	*3.54*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.95*	
		For >2,000 To 5,000, Deduct	*-3.04*	
		For >5,000, Deduct	*-4.31*	
33 01 30 79-0280	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	41.34	
		For Up To 75, Add	*9.16*	
		For >75 To 150, Add	*4.13*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000 To 2,000, Deduct	*-2.28*	
		For >2,000 To 5,000, Deduct	*-3.55*	
		For >5,000, Deduct	*-5.03*	
33 01 30 79-0281	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	47.24	
		For Up To 75, Add	*10.47*	
		For >75 To 150, Add	*4.72*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000 To 2,000, Deduct	*-2.60*	
		For >2,000 To 5,000, Deduct	*-4.06*	
		For >5,000, Deduct	*-5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0282	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	53.13	
		For Up To 75, Add	*11.77*	
		For >75 To 150, Add	*5.31*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,000, Deduct	*-2.93*	
		For >2,000 To 5,000, Deduct	*-4.56*	
		For >5,000, Deduct	*-6.46*	
33 01 30 79-0283	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	59.04	
		For Up To 75, Add	*13.08*	
		For >75 To 150, Add	*5.90*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000 To 2,000, Deduct	*-3.25*	
		For >2,000 To 5,000, Deduct	*-5.07*	
		For >5,000, Deduct	*-7.18*	
33 01 30 79-0284	LF	66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	64.94	
		For Up To 75, Add	*14.39*	
		For >75 To 150, Add	*6.49*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000 To 2,000, Deduct	*-3.58*	
		For >2,000 To 5,000, Deduct	*-5.58*	
		For >5,000, Deduct	*-7.89*	
33 01 30 79-0285	LF	72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	70.85	
		For Up To 75, Add	*15.70*	
		For >75 To 150, Add	*7.09*	
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000 To 2,000, Deduct	*-3.90*	
		For >2,000 To 5,000, Deduct	*-6.08*	
		For >5,000, Deduct	*-8.61*	
33 01 30 79-0286	LF	78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	76.75	
		For Up To 75, Add	*17.01*	
		For >75 To 150, Add	*7.68*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000 To 2,000, Deduct	*-4.23*	
		For >2,000 To 5,000, Deduct	*-6.59*	
		For >5,000, Deduct	*-9.33*	
33 01 30 79-0287	LF	84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	82.66	
		For Up To 75, Add	*18.31*	
		For >75 To 150, Add	*8.27*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000 To 2,000, Deduct	*-4.55*	
		For >2,000 To 5,000, Deduct	*-7.10*	
		For >5,000, Deduct	*-10.05*	
33 01 30 79-0288	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	88.56	
		For Up To 75, Add	*19.62*	
		For >75 To 150, Add	*8.86*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000 To 2,000, Deduct	*-4.88*	
		For >2,000 To 5,000, Deduct	*-7.61*	
		For >5,000, Deduct	*-10.77*	
33 01 30 79-0289	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	94.47	
		For Up To 75, Add	*20.93*	
		For >75 To 150, Add	*9.45*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000 To 2,000, Deduct	*-5.20*	
		For >2,000 To 5,000, Deduct	*-8.11*	
		For >5,000, Deduct	*-11.48*	
33 01 30 79-0290	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	100.38	
		For Up To 75, Add	*22.24*	
		For >75 To 150, Add	*10.04*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000 To 2,000, Deduct	*-5.53*	
		For >2,000 To 5,000, Deduct	*-8.62*	
		For >5,000, Deduct	*-12.20*	
33 01 30 79-0291	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	106.27	
		For Up To 75, Add	*23.55*	
		For >75 To 150, Add	*10.63*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000 To 2,000, Deduct	*-5.85*	
		For >2,000 To 5,000, Deduct	*-9.13*	
		For >5,000, Deduct	*-12.92*	
33 01 30 79-0292	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	112.18	
		For Up To 75, Add	*24.86*	
		For >75 To 150, Add	*11.22*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000 To 2,000, Deduct	*-6.18*	
		For >2,000 To 5,000, Deduct	*-9.63*	
		For >5,000, Deduct	*-13.64*	
33 01 30 79-0293	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	118.09	
		For Up To 75, Add	*26.16*	
		For >75 To 150, Add	*11.81*	
		For >500 To 1,000, Deduct	*-3.38*	
		For >1,000 To 2,000, Deduct	*-6.51*	
		For >2,000 To 5,000, Deduct	*-10.14*	
		For >5,000, Deduct	*-14.36*	
33 01 30 79-0294	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	3.76	

33 01 30 79-0295 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane *(33 01 30 79-0275)*
Note: Two part structural polyurethane.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0296	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	46.32	
		For Up To 75, Add	*10.07*	
		For >75 To 150, Add	*4.63*	
		For >500 To 1,000, Deduct	*-1.25*	
		For >1,000 To 2,000, Deduct	*-2.42*	
		For >2,000 To 5,000, Deduct	*-3.74*	
		For >5,000, Deduct	*-5.44*	
33 01 30 79-0297	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	54.04	
		For Up To 75, Add	*11.75*	
		For >75 To 150, Add	*5.40*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000 To 2,000, Deduct	*-2.82*	
		For >2,000 To 5,000, Deduct	*-4.37*	
		For >5,000, Deduct	*-6.34*	
33 01 30 79-0298	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	61.76	
		For Up To 75, Add	*13.42*	
		For >75 To 150, Add	*6.18*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000 To 2,000, Deduct	*-3.22*	
		For >2,000 To 5,000, Deduct	*-4.99*	
		For >5,000, Deduct	*-7.25*	
33 01 30 79-0299	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	69.48	
		For Up To 75, Add	*15.10*	
		For >75 To 150, Add	*6.95*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000 To 2,000, Deduct	*-3.62*	
		For >2,000 To 5,000, Deduct	*-5.62*	
		For >5,000, Deduct	*-8.15*	
33 01 30 79-0300	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	77.20	
		For Up To 75, Add	*16.78*	
		For >75 To 150, Add	*7.72*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-4.03*	
		For >2,000 To 5,000, Deduct	*-6.24*	
		For >5,000, Deduct	*-9.06*	
33 01 30 79-0301	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	84.92	
		For Up To 75, Add	*18.46*	
		For >75 To 150, Add	*8.49*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000 To 2,000, Deduct	*-4.43*	
		For >2,000 To 5,000, Deduct	*-6.86*	
		For >5,000, Deduct	*-9.97*	
33 01 30 79-0302	LF	72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	92.64	
		For Up To 75, Add	*20.14*	
		For >75 To 150, Add	*9.26*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000 To 2,000, Deduct	*-4.83*	
		For >2,000 To 5,000, Deduct	*-7.49*	
		For >5,000, Deduct	*-10.87*	
33 01 30 79-0303	LF	78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	100.36	
		For Up To 75, Add	*21.81*	
		For >75 To 150, Add	*10.04*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000 To 2,000, Deduct	*-5.23*	
		For >2,000 To 5,000, Deduct	*-8.11*	
		For >5,000, Deduct	*-11.78*	
33 01 30 79-0304	LF	84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	108.08	
		For Up To 75, Add	*23.49*	
		For >75 To 150, Add	*10.81*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000 To 2,000, Deduct	*-5.64*	
		For >2,000 To 5,000, Deduct	*-8.74*	
		For >5,000, Deduct	*-12.68*	
33 01 30 79-0305	LF	90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	115.80	
		For Up To 75, Add	*25.17*	
		For >75 To 150, Add	*11.58*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000 To 2,000, Deduct	*-6.04*	
		For >2,000 To 5,000, Deduct	*-9.36*	
		For >5,000, Deduct	*-13.59*	
33 01 30 79-0306	LF	96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	123.52	
		For Up To 75, Add	*26.85*	
		For >75 To 150, Add	*12.35*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000 To 2,000, Deduct	*-6.44*	
		For >2,000 To 5,000, Deduct	*-9.98*	
		For >5,000, Deduct	*-14.50*	
33 01 30 79-0307	LF	102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	131.24	
		For Up To 75, Add	*28.53*	
		For >75 To 150, Add	*13.12*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000 To 2,000, Deduct	*-6.84*	
		For >2,000 To 5,000, Deduct	*-10.61*	
		For >5,000, Deduct	*-15.40*	
33 01 30 79-0308	LF	108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	138.96	
		For Up To 75, Add	*30.20*	
		For >75 To 150, Add	*13.90*	
		For >500 To 1,000, Deduct	*-3.74*	
		For >1,000 To 2,000, Deduct	*-7.25*	
		For >2,000 To 5,000, Deduct	*-11.23*	
		For >5,000, Deduct	*-16.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0309	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	146.69	
		For Up To 75, Add	*31.88*	
		For >75 To 150, Add	*14.67*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000 To 2,000, Deduct	*-7.65*	
		For >2,000 To 5,000, Deduct	*-11.86*	
		For >5,000, Deduct	*-17.22*	
33 01 30 79-0310	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	154.40	
		For Up To 75, Add	*33.56*	
		For >75 To 150, Add	*15.44*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000 To 2,000, Deduct	*-8.05*	
		For >2,000 To 5,000, Deduct	*-12.48*	
		For >5,000, Deduct	*-18.12*	
33 01 30 79-0311	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	4.91	

33 01 30 79-0312 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane *(33 01 30 79-0275)*

Note: Two part structural polyurethane.

33 01 30 79-0313	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	57.23	
		For Up To 75, Add	*12.29*	
		For >75 To 150, Add	*5.72*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000 To 2,000, Deduct	*-2.88*	
		For >2,000 To 5,000, Deduct	*-4.45*	
		For >5,000, Deduct	*-6.57*	
33 01 30 79-0314	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	66.76	
		For Up To 75, Add	*14.34*	
		For >75 To 150, Add	*6.68*	
		For >500 To 1,000, Deduct	*-1.73*	
		For >1,000 To 2,000, Deduct	*-3.36*	
		For >2,000 To 5,000, Deduct	*-5.19*	
		For >5,000, Deduct	*-7.66*	
33 01 30 79-0315	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	76.30	
		For Up To 75, Add	*16.39*	
		For >75 To 150, Add	*7.63*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000 To 2,000, Deduct	*-3.84*	
		For >2,000 To 5,000, Deduct	*-5.93*	
		For >5,000, Deduct	*-8.76*	
33 01 30 79-0316	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	85.83	
		For Up To 75, Add	*18.44*	
		For >75 To 150, Add	*8.58*	
		For >500 To 1,000, Deduct	*-2.22*	
		For >1,000 To 2,000, Deduct	*-4.32*	
		For >2,000 To 5,000, Deduct	*-6.67*	
		For >5,000, Deduct	*-9.85*	
33 01 30 79-0317	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	95.37	
		For Up To 75, Add	*20.48*	
		For >75 To 150, Add	*9.54*	
		For >500 To 1,000, Deduct	*-2.47*	
		For >1,000 To 2,000, Deduct	*-4.80*	
		For >2,000 To 5,000, Deduct	*-7.41*	
		For >5,000, Deduct	*-10.95*	
33 01 30 79-0318	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	104.91	
		For Up To 75, Add	*22.53*	
		For >75 To 150, Add	*10.49*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000 To 2,000, Deduct	*-5.28*	
		For >2,000 To 5,000, Deduct	*-8.16*	
		For >5,000, Deduct	*-12.04*	
33 01 30 79-0319	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	114.44	
		For Up To 75, Add	*24.58*	
		For >75 To 150, Add	*11.44*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000 To 2,000, Deduct	*-5.76*	
		For >2,000 To 5,000, Deduct	*-8.90*	
		For >5,000, Deduct	*-13.14*	
33 01 30 79-0320	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	123.99	
		For Up To 75, Add	*26.63*	
		For >75 To 150, Add	*12.40*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000 To 2,000, Deduct	*-6.24*	
		For >2,000 To 5,000, Deduct	*-9.64*	
		For >5,000, Deduct	*-14.23*	
33 01 30 79-0321	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	133.52	
		For Up To 75, Add	*28.68*	
		For >75 To 150, Add	*13.35*	
		For >500 To 1,000, Deduct	*-3.46*	
		For >1,000 To 2,000, Deduct	*-6.72*	
		For >2,000 To 5,000, Deduct	*-10.38*	
		For >5,000, Deduct	*-15.33*	
33 01 30 79-0322	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	143.06	
		For Up To 75, Add	*30.73*	
		For >75 To 150, Add	*14.31*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000 To 2,000, Deduct	*-7.20*	
		For >2,000 To 5,000, Deduct	*-11.12*	
		For >5,000, Deduct	*-16.42*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0323	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	152.61	
		For Up To 75, Add	*32.78*	
		For >75 To 150, Add	*15.26*	
		For >500 To 1,000, Deduct	*-3.96*	
		For >1,000 To 2,000, Deduct	*-7.68*	
		For >2,000 To 5,000, Deduct	*-11.87*	
		For >5,000, Deduct	*-17.52*	
33 01 30 79-0324	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	162.13	
		For Up To 75, Add	*34.82*	
		For >75 To 150, Add	*16.21*	
		For >500 To 1,000, Deduct	*-4.20*	
		For >1,000 To 2,000, Deduct	*-8.16*	
		For >2,000 To 5,000, Deduct	*-12.61*	
		For >5,000, Deduct	*-18.61*	
33 01 30 79-0325	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	171.67	
		For Up To 75, Add	*36.87*	
		For >75 To 150, Add	*17.17*	
		For >500 To 1,000, Deduct	*-4.45*	
		For >1,000 To 2,000, Deduct	*-8.64*	
		For >2,000 To 5,000, Deduct	*-13.35*	
		For >5,000, Deduct	*-19.71*	
33 01 30 79-0326	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	181.20	
		For Up To 75, Add	*38.92*	
		For >75 To 150, Add	*18.12*	
		For >500 To 1,000, Deduct	*-4.70*	
		For >1,000 To 2,000, Deduct	*-9.12*	
		For >2,000 To 5,000, Deduct	*-14.09*	
		For >5,000, Deduct	*-20.80*	
33 01 30 79-0327	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	190.74	
		For Up To 75, Add	*40.97*	
		For >75 To 150, Add	*19.07*	
		For >500 To 1,000, Deduct	*-4.94*	
		For >1,000 To 2,000, Deduct	*-9.60*	
		For >2,000 To 5,000, Deduct	*-14.83*	
		For >5,000, Deduct	*-21.90*	
33 01 30 79-0328	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	6.08	

33 01 30 79-0329 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane *(33 01 30 79-0275)*

Note: Two part structural polyurethane.

33 01 30 79-0330	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	68.19	
		For Up To 75, Add	*14.53*	
		For >75 To 150, Add	*6.82*	
		For >500 To 1,000, Deduct	*-1.72*	
		For >1,000 To 2,000, Deduct	*-3.35*	
		For >2,000 To 5,000, Deduct	*-5.16*	
		For >5,000, Deduct	*-7.71*	
33 01 30 79-0331	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	79.56	
		For Up To 75, Add	*16.95*	
		For >75 To 150, Add	*7.96*	
		For >500 To 1,000, Deduct	*-2.01*	
		For >1,000 To 2,000, Deduct	*-3.91*	
		For >2,000 To 5,000, Deduct	*-6.02*	
		For >5,000, Deduct	*-9.00*	
33 01 30 79-0332	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	90.92	
		For Up To 75, Add	*19.37*	
		For >75 To 150, Add	*9.09*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000 To 2,000, Deduct	*-4.47*	
		For >2,000 To 5,000, Deduct	*-6.88*	
		For >5,000, Deduct	*-10.28*	
33 01 30 79-0333	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	102.29	
		For Up To 75, Add	*21.79*	
		For >75 To 150, Add	*10.23*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000 To 2,000, Deduct	*-5.03*	
		For >2,000 To 5,000, Deduct	*-7.74*	
		For >5,000, Deduct	*-11.57*	
33 01 30 79-0334	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	113.65	
		For Up To 75, Add	*24.22*	
		For >75 To 150, Add	*11.37*	
		For >500 To 1,000, Deduct	*-2.87*	
		For >1,000 To 2,000, Deduct	*-5.59*	
		For >2,000 To 5,000, Deduct	*-8.60*	
		For >5,000, Deduct	*-12.85*	
33 01 30 79-0335	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	125.01	
		For Up To 75, Add	*26.64*	
		For >75 To 150, Add	*12.50*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000 To 2,000, Deduct	*-6.14*	
		For >2,000 To 5,000, Deduct	*-9.46*	
		For >5,000, Deduct	*-14.13*	
33 01 30 79-0336	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	136.38	
		For Up To 75, Add	*29.06*	
		For >75 To 150, Add	*13.64*	
		For >500 To 1,000, Deduct	*-3.44*	
		For >1,000 To 2,000, Deduct	*-6.70*	
		For >2,000 To 5,000, Deduct	*-10.32*	
		For >5,000, Deduct	*-15.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0337	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	147.75	
		For Up To 75, Add	*31.48*	
		For >75 To 150, Add	*14.78*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000 To 2,000, Deduct	*-7.26*	
		For >2,000 To 5,000, Deduct	*-11.18*	
		For >5,000, Deduct	*-16.71*	
33 01 30 79-0338	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	159.11	
		For Up To 75, Add	*33.90*	
		For >75 To 150, Add	*15.91*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000 To 2,000, Deduct	*-7.82*	
		For >2,000 To 5,000, Deduct	*-12.04*	
		For >5,000, Deduct	*-17.99*	
33 01 30 79-0339	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	170.48	
		For Up To 75, Add	*36.32*	
		For >75 To 150, Add	*17.05*	
		For >500 To 1,000, Deduct	*-4.30*	
		For >1,000 To 2,000, Deduct	*-8.38*	
		For >2,000 To 5,000, Deduct	*-12.90*	
		For >5,000, Deduct	*-19.28*	
33 01 30 79-0340	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	181.84	
		For Up To 75, Add	*38.74*	
		For >75 To 150, Add	*18.18*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000 To 2,000, Deduct	*-8.94*	
		For >2,000 To 5,000, Deduct	*-13.76*	
		For >5,000, Deduct	*-20.56*	
33 01 30 79-0341	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	193.21	
		For Up To 75, Add	*41.17*	
		For >75 To 150, Add	*19.32*	
		For >500 To 1,000, Deduct	*-4.87*	
		For >1,000 To 2,000, Deduct	*-9.50*	
		For >2,000 To 5,000, Deduct	*-14.62*	
		For >5,000, Deduct	*-21.85*	
33 01 30 79-0342	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	204.57	
		For Up To 75, Add	*43.59*	
		For >75 To 150, Add	*20.46*	
		For >500 To 1,000, Deduct	*-5.16*	
		For >1,000 To 2,000, Deduct	*-10.05*	
		For >2,000 To 5,000, Deduct	*-15.48*	
		For >5,000, Deduct	*-23.13*	
33 01 30 79-0343	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	215.93	
		For Up To 75, Add	*46.01*	
		For >75 To 150, Add	*21.59*	
		For >500 To 1,000, Deduct	*-5.45*	
		For >1,000 To 2,000, Deduct	*-10.61*	
		For >2,000 To 5,000, Deduct	*-16.34*	
		For >5,000, Deduct	*-24.41*	
33 01 30 79-0344	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	227.30	
		For Up To 75, Add	*48.43*	
		For >75 To 150, Add	*22.73*	
		For >500 To 1,000, Deduct	*-5.73*	
		For >1,000 To 2,000, Deduct	*-11.17*	
		For >2,000 To 5,000, Deduct	*-17.20*	
		For >5,000, Deduct	*-25.70*	
33 01 30 79-0345	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	7.23	

33 01 30 79-0346 Lining Pipe, Spray Applied With 300 mil Structural Polyurethane *(33 01 30 79-0275)*

Note: Two part structural polyurethane.

33 01 30 79-0347	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	79.24	
		For Up To 75, Add	*16.79*	
		For >75 To 150, Add	*7.92*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000 To 2,000, Deduct	*-3.83*	
		For >2,000 To 5,000, Deduct	*-5.88*	
		For >5,000, Deduct	*-8.86*	
33 01 30 79-0348	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	92.44	
		For Up To 75, Add	*19.58*	
		For >75 To 150, Add	*9.24*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000 To 2,000, Deduct	*-4.46*	
		For >2,000 To 5,000, Deduct	*-6.86*	
		For >5,000, Deduct	*-10.34*	
33 01 30 79-0349	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	105.65	
		For Up To 75, Add	*22.38*	
		For >75 To 150, Add	*10.57*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000 To 2,000, Deduct	*-5.10*	
		For >2,000 To 5,000, Deduct	*-7.84*	
		For >5,000, Deduct	*-11.82*	
33 01 30 79-0350	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	118.86	
		For Up To 75, Add	*25.18*	
		For >75 To 150, Add	*11.89*	
		For >500 To 1,000, Deduct	*-2.94*	
		For >1,000 To 2,000, Deduct	*-5.74*	
		For >2,000 To 5,000, Deduct	*-8.82*	
		For >5,000, Deduct	*-13.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0351	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	132.06	
		For Up To 75, Add	*27.98*	
		For >75 To 150, Add	*13.21*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000 To 2,000, Deduct	*-6.38*	
		For >2,000 To 5,000, Deduct	*-9.80*	
		For >5,000, Deduct	*-14.77*	
33 01 30 79-0352	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	145.27	
		For Up To 75, Add	*30.77*	
		For >75 To 150, Add	*14.53*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000 To 2,000, Deduct	*-7.01*	
		For >2,000 To 5,000, Deduct	*-10.78*	
		For >5,000, Deduct	*-16.25*	
33 01 30 79-0353	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	158.47	
		For Up To 75, Add	*33.57*	
		For >75 To 150, Add	*15.85*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000 To 2,000, Deduct	*-7.65*	
		For >2,000 To 5,000, Deduct	*-11.76*	
		For >5,000, Deduct	*-17.72*	
33 01 30 79-0354	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	171.68	
		For Up To 75, Add	*36.37*	
		For >75 To 150, Add	*17.17*	
		For >500 To 1,000, Deduct	*-4.25*	
		For >1,000 To 2,000, Deduct	*-8.29*	
		For >2,000 To 5,000, Deduct	*-12.74*	
		For >5,000, Deduct	*-19.20*	
33 01 30 79-0355	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	184.88	
		For Up To 75, Add	*39.16*	
		For >75 To 150, Add	*18.49*	
		For >500 To 1,000, Deduct	*-4.57*	
		For >1,000 To 2,000, Deduct	*-8.93*	
		For >2,000 To 5,000, Deduct	*-13.72*	
		For >5,000, Deduct	*-20.68*	
33 01 30 79-0356	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	198.10	
		For Up To 75, Add	*41.96*	
		For >75 To 150, Add	*19.81*	
		For >500 To 1,000, Deduct	*-4.90*	
		For >1,000 To 2,000, Deduct	*-9.57*	
		For >2,000 To 5,000, Deduct	*-14.70*	
		For >5,000, Deduct	*-22.15*	
33 01 30 79-0357	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	211.31	
		For Up To 75, Add	*44.76*	
		For >75 To 150, Add	*21.13*	
		For >500 To 1,000, Deduct	*-5.23*	
		For >1,000 To 2,000, Deduct	*-10.20*	
		For >2,000 To 5,000, Deduct	*-15.68*	
		For >5,000, Deduct	*-23.63*	
33 01 30 79-0358	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	224.51	
		For Up To 75, Add	*47.56*	
		For >75 To 150, Add	*22.45*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000 To 2,000, Deduct	*-10.84*	
		For >2,000 To 5,000, Deduct	*-16.66*	
		For >5,000, Deduct	*-25.11*	
33 01 30 79-0359	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	237.72	
		For Up To 75, Add	*50.36*	
		For >75 To 150, Add	*23.77*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000 To 2,000, Deduct	*-11.48*	
		For >2,000 To 5,000, Deduct	*-17.64*	
		For >5,000, Deduct	*-26.59*	
33 01 30 79-0360	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	250.93	
		For Up To 75, Add	*53.16*	
		For >75 To 150, Add	*25.09*	
		For >500 To 1,000, Deduct	*-6.21*	
		For >1,000 To 2,000, Deduct	*-12.12*	
		For >2,000 To 5,000, Deduct	*-18.62*	
		For >5,000, Deduct	*-28.06*	
33 01 30 79-0361	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	264.14	
		For Up To 75, Add	*55.95*	
		For >75 To 150, Add	*26.41*	
		For >500 To 1,000, Deduct	*-6.53*	
		For >1,000 To 2,000, Deduct	*-12.75*	
		For >2,000 To 5,000, Deduct	*-19.60*	
		For >5,000, Deduct	*-29.54*	
33 01 30 79-0362	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	8.41	

33 01 30 79-0363 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane *(33 01 30 79-0275)*

Note: Two part structural polyurethane.

33 01 30 79-0364	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	101.44	
		For Up To 75, Add	*21.33*	
		For >75 To 150, Add	*10.14*	
		For >500 To 1,000, Deduct	*-2.45*	
		For >1,000 To 2,000, Deduct	*-4.79*	
		For >2,000 To 5,000, Deduct	*-7.34*	
		For >5,000, Deduct	*-11.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0365	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	118.33	
		For Up To 75, Add	*24.88*	
		For >75 To 150, Add	*11.83*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000 To 2,000, Deduct	*-5.58*	
		For >2,000 To 5,000, Deduct	*-8.56*	
		For >5,000, Deduct	*-13.05*	
33 01 30 79-0366	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	135.24	
		For Up To 75, Add	*28.44*	
		For >75 To 150, Add	*13.52*	
		For >500 To 1,000, Deduct	*-3.26*	
		For >1,000 To 2,000, Deduct	*-6.38*	
		For >2,000 To 5,000, Deduct	*-9.78*	
		For >5,000, Deduct	*-14.91*	
33 01 30 79-0367	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	152.15	
		For Up To 75, Add	*31.99*	
		For >75 To 150, Add	*15.22*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000 To 2,000, Deduct	*-7.18*	
		For >2,000 To 5,000, Deduct	*-11.00*	
		For >5,000, Deduct	*-16.78*	
33 01 30 79-0368	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	169.05	
		For Up To 75, Add	*35.55*	
		For >75 To 150, Add	*16.91*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000 To 2,000, Deduct	*-7.98*	
		For >2,000 To 5,000, Deduct	*-12.23*	
		For >5,000, Deduct	*-18.64*	
33 01 30 79-0369	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	185.96	
		For Up To 75, Add	*39.10*	
		For >75 To 150, Add	*18.60*	
		For >500 To 1,000, Deduct	*-4.48*	
		For >1,000 To 2,000, Deduct	*-8.78*	
		For >2,000 To 5,000, Deduct	*-13.45*	
		For >5,000, Deduct	*-20.51*	
33 01 30 79-0370	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	202.86	
		For Up To 75, Add	*42.66*	
		For >75 To 150, Add	*20.29*	
		For >500 To 1,000, Deduct	*-4.89*	
		For >1,000 To 2,000, Deduct	*-9.57*	
		For >2,000 To 5,000, Deduct	*-14.67*	
		For >5,000, Deduct	*-22.37*	
33 01 30 79-0371	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	219.78	
		For Up To 75, Add	*46.21*	
		For >75 To 150, Add	*21.98*	
		For >500 To 1,000, Deduct	*-5.30*	
		For >1,000 To 2,000, Deduct	*-10.37*	
		For >2,000 To 5,000, Deduct	*-15.90*	
		For >5,000, Deduct	*-24.24*	
33 01 30 79-0372	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	236.68	
		For Up To 75, Add	*49.77*	
		For >75 To 150, Add	*23.67*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000 To 2,000, Deduct	*-11.17*	
		For >2,000 To 5,000, Deduct	*-17.12*	
		For >5,000, Deduct	*-26.10*	
33 01 30 79-0373	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	253.59	
		For Up To 75, Add	*53.32*	
		For >75 To 150, Add	*25.36*	
		For >500 To 1,000, Deduct	*-6.11*	
		For >1,000 To 2,000, Deduct	*-11.97*	
		For >2,000 To 5,000, Deduct	*-18.34*	
		For >5,000, Deduct	*-27.96*	
33 01 30 79-0374	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	270.49	
		For Up To 75, Add	*56.88*	
		For >75 To 150, Add	*27.05*	
		For >500 To 1,000, Deduct	*-6.52*	
		For >1,000 To 2,000, Deduct	*-12.76*	
		For >2,000 To 5,000, Deduct	*-19.56*	
		For >5,000, Deduct	*-29.83*	
33 01 30 79-0375	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	287.41	
		For Up To 75, Add	*60.44*	
		For >75 To 150, Add	*28.74*	
		For >500 To 1,000, Deduct	*-6.93*	
		For >1,000 To 2,000, Deduct	*-13.56*	
		For >2,000 To 5,000, Deduct	*-20.79*	
		For >5,000, Deduct	*-31.69*	
33 01 30 79-0376	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	304.31	
		For Up To 75, Add	*63.99*	
		For >75 To 150, Add	*30.43*	
		For >500 To 1,000, Deduct	*-7.34*	
		For >1,000 To 2,000, Deduct	*-14.36*	
		For >2,000 To 5,000, Deduct	*-22.01*	
		For >5,000, Deduct	*-33.56*	
33 01 30 79-0377	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	321.21	
		For Up To 75, Add	*67.54*	
		For >75 To 150, Add	*32.12*	
		For >500 To 1,000, Deduct	*-7.74*	
		For >1,000 To 2,000, Deduct	*-15.16*	
		For >2,000 To 5,000, Deduct	*-23.23*	
		For >5,000, Deduct	*-35.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0378	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	338.11	
		For Up To 75, Add	*71.10*	
		For >75 To 150, Add	*33.81*	
		For >500 To 1,000, Deduct	*-8.15*	
		For >1,000 To 2,000, Deduct	*-15.96*	
		For >2,000 To 5,000, Deduct	*-24.45*	
		For >5,000, Deduct	*-37.28*	
33 01 30 79-0379	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane	10.75	

33 01 30 79-0380 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane *(33 01 30 79-0275)*

Note: Two part structural polyurethane.

33 01 30 79-0381	LF	36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	123.90	
		For Up To 75, Add	*25.94*	
		For >75 To 150, Add	*12.39*	
		For >500 To 1,000, Deduct	*-2.94*	
		For >1,000 To 2,000, Deduct	*-5.77*	
		For >2,000 To 5,000, Deduct	*-8.82*	
		For >5,000, Deduct	*-13.55*	
33 01 30 79-0382	LF	42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	144.55	
		For Up To 75, Add	*30.26*	
		For >75 To 150, Add	*14.46*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000 To 2,000, Deduct	*-6.73*	
		For >2,000 To 5,000, Deduct	*-10.29*	
		For >5,000, Deduct	*-15.81*	
33 01 30 79-0383	LF	48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	165.20	
		For Up To 75, Add	*34.58*	
		For >75 To 150, Add	*16.52*	
		For >500 To 1,000, Deduct	*-3.92*	
		For >1,000 To 2,000, Deduct	*-7.69*	
		For >2,000 To 5,000, Deduct	*-11.76*	
		For >5,000, Deduct	*-18.06*	
33 01 30 79-0384	LF	54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	185.84	
		For Up To 75, Add	*38.90*	
		For >75 To 150, Add	*18.58*	
		For >500 To 1,000, Deduct	*-4.41*	
		For >1,000 To 2,000, Deduct	*-8.65*	
		For >2,000 To 5,000, Deduct	*-13.23*	
		For >5,000, Deduct	*-20.32*	
33 01 30 79-0385	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	206.50	
		For Up To 75, Add	*43.23*	
		For >75 To 150, Add	*20.65*	
		For >500 To 1,000, Deduct	*-4.90*	
		For >1,000 To 2,000, Deduct	*-9.61*	
		For >2,000 To 5,000, Deduct	*-14.71*	
		For >5,000, Deduct	*-22.58*	
33 01 30 79-0386	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	227.14	
		For Up To 75, Add	*47.55*	
		For >75 To 150, Add	*22.71*	
		For >500 To 1,000, Deduct	*-5.39*	
		For >1,000 To 2,000, Deduct	*-10.57*	
		For >2,000 To 5,000, Deduct	*-16.18*	
		For >5,000, Deduct	*-24.84*	
33 01 30 79-0387	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	247.79	
		For Up To 75, Add	*51.87*	
		For >75 To 150, Add	*24.78*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000 To 2,000, Deduct	*-11.53*	
		For >2,000 To 5,000, Deduct	*-17.65*	
		For >5,000, Deduct	*-27.09*	
33 01 30 79-0388	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	268.45	
		For Up To 75, Add	*56.20*	
		For >75 To 150, Add	*26.85*	
		For >500 To 1,000, Deduct	*-6.37*	
		For >1,000 To 2,000, Deduct	*-12.49*	
		For >2,000 To 5,000, Deduct	*-19.12*	
		For >5,000, Deduct	*-29.35*	
33 01 30 79-0389	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	289.09	
		For Up To 75, Add	*60.52*	
		For >75 To 150, Add	*28.91*	
		For >500 To 1,000, Deduct	*-6.86*	
		For >1,000 To 2,000, Deduct	*-13.45*	
		For >2,000 To 5,000, Deduct	*-20.59*	
		For >5,000, Deduct	*-31.61*	
33 01 30 79-0390	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	309.74	
		For Up To 75, Add	*64.84*	
		For >75 To 150, Add	*30.97*	
		For >500 To 1,000, Deduct	*-7.35*	
		For >1,000 To 2,000, Deduct	*-14.42*	
		For >2,000 To 5,000, Deduct	*-22.06*	
		For >5,000, Deduct	*-33.87*	
33 01 30 79-0391	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	330.39	
		For Up To 75, Add	*69.17*	
		For >75 To 150, Add	*33.04*	
		For >500 To 1,000, Deduct	*-7.84*	
		For >1,000 To 2,000, Deduct	*-15.38*	
		For >2,000 To 5,000, Deduct	*-23.53*	
		For >5,000, Deduct	*-36.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0392	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	351.04	
		For Up To 75, Add	*73.49*	
		For >75 To 150, Add	*35.10*	
		For >500 To 1,000, Deduct	*-8.33*	
		For >1,000 To 2,000, Deduct	*-16.34*	
		For >2,000 To 5,000, Deduct	*-25.00*	
		For >5,000, Deduct	*-38.38*	
33 01 30 79-0393	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	371.69	
		For Up To 75, Add	*77.81*	
		For >75 To 150, Add	*37.17*	
		For >500 To 1,000, Deduct	*-8.82*	
		For >1,000 To 2,000, Deduct	*-17.30*	
		For >2,000 To 5,000, Deduct	*-26.47*	
		For >5,000, Deduct	*-40.64*	
33 01 30 79-0394	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	392.34	
		For Up To 75, Add	*82.13*	
		For >75 To 150, Add	*39.23*	
		For >500 To 1,000, Deduct	*-9.31*	
		For >1,000 To 2,000, Deduct	*-18.26*	
		For >2,000 To 5,000, Deduct	*-27.94*	
		For >5,000, Deduct	*-42.90*	
33 01 30 79-0395	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	412.99	
		For Up To 75, Add	*86.46*	
		For >75 To 150, Add	*41.30*	
		For >500 To 1,000, Deduct	*-9.80*	
		For >1,000 To 2,000, Deduct	*-19.22*	
		For >2,000 To 5,000, Deduct	*-29.41*	
		For >5,000, Deduct	*-45.16*	
33 01 30 79-0396	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	13.15	

33 01 30 79-0397 Relining Underground Water Pipelines *(33 01 30 79)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.

33 01 30 79-0398 Relining Underground Water Pipelines Set-Up And Reinsertion *(33 01 30 79-0397)*

33 01 30 79-0399	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	3,860.17	
33 01 30 79-0400	EA	Move And Reset Up At Different Access/Location	1,544.07	

33 01 30 79-0401 Lining Pipe With Cement *(33 01 30 79-0397)*

33 01 30 79-0402	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	47.61	
		For 3/16" Thickness, Add	*0.34*	
		For 1/4" Thickness, Add	*0.67*	
33 01 30 79-0403	LF	>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	42.31	
		For 3/16" Thickness, Add	*0.34*	
		For 1/4" Thickness, Add	*0.67*	
33 01 30 79-0404	LF	>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	35.21	
		For 3/16" Thickness, Add	*0.34*	
		For 1/4" Thickness, Add	*0.67*	
33 01 30 79-0405	LF	>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	26.28	
		For 3/16" Thickness, Add	*0.34*	
		For 1/4" Thickness, Add	*0.67*	
33 01 30 79-0406	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	49.15	
		For 3/16" Thickness, Add	*0.50*	
		For 1/4" Thickness, Add	*1.00*	
33 01 30 79-0407	LF	>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	43.65	
		For 3/16" Thickness, Add	*0.50*	
		For 1/4" Thickness, Add	*1.00*	
33 01 30 79-0408	LF	>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	36.31	
		For 3/16" Thickness, Add	*0.50*	
		For 1/4" Thickness, Add	*1.00*	
33 01 30 79-0409	LF	>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	27.26	
		For 3/16" Thickness, Add	*0.50*	
		For 1/4" Thickness, Add	*1.00*	
33 01 30 79-0410	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	50.63	
		For 3/16" Thickness, Add	*0.67*	
		For 1/4" Thickness, Add	*1.34*	
33 01 30 79-0411	LF	>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	45.00	
		For 3/16" Thickness, Add	*0.67*	
		For 1/4" Thickness, Add	*1.34*	
33 01 30 79-0412	LF	>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	37.41	
		For 3/16" Thickness, Add	*0.67*	
		For 1/4" Thickness, Add	*1.34*	
33 01 30 79-0413	LF	>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	28.25	
		For 3/16" Thickness, Add	*0.67*	
		For 1/4" Thickness, Add	*1.34*	
33 01 30 79-0414	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	51.65	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.67*	
33 01 30 79-0415	LF	>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	45.93	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.67*	
33 01 30 79-0416	LF	>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	38.23	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.67*	
33 01 30 79-0417	LF	>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	29.23	
		For 3/16" Thickness, Add	*0.84*	
		For 1/4" Thickness, Add	*1.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0418	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	55.59	
		For 3/16" Thickness, Add	*1.01*	
		For 1/4" Thickness, Add	*2.01*	
33 01 30 79-0419	LF	>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	49.52	
		For 3/16" Thickness, Add	*1.01*	
		For 1/4" Thickness, Add	*2.01*	
33 01 30 79-0420	LF	>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	41.32	
		For 3/16" Thickness, Add	*1.01*	
		For 1/4" Thickness, Add	*2.01*	
33 01 30 79-0421	LF	>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	31.60	
		For 3/16" Thickness, Add	*1.01*	
		For 1/4" Thickness, Add	*2.01*	
33 01 30 79-0422	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	58.55	
		For 1/4" Thickness, Add	*1.12*	
		For 5/16" Thickness, Add	*2.23*	
33 01 30 79-0423	LF	>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	52.25	
		For 1/4" Thickness, Add	*1.12*	
		For 5/16" Thickness, Add	*2.23*	
33 01 30 79-0424	LF	>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	43.72	
		For 1/4" Thickness, Add	*1.12*	
		For 5/16" Thickness, Add	*2.23*	
33 01 30 79-0425	LF	>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	34.40	
		For 1/4" Thickness, Add	*1.12*	
		For 5/16" Thickness, Add	*2.23*	
33 01 30 79-0426	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	60.84	
		For 1/4" Thickness, Add	*1.34*	
		For 5/16" Thickness, Add	*2.67*	
33 01 30 79-0427	LF	>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	54.34	
		For 1/4" Thickness, Add	*1.34*	
		For 5/16" Thickness, Add	*2.67*	
33 01 30 79-0428	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	45.51	
		For 1/4" Thickness, Add	*1.34*	
		For 5/16" Thickness, Add	*2.67*	
33 01 30 79-0429	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	36.68	
		For 1/4" Thickness, Add	*1.34*	
		For 5/16" Thickness, Add	*2.67*	
33 01 30 79-0430	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	63.85	
		For 1/4" Thickness, Add	*1.56*	
		For 5/16" Thickness, Add	*3.12*	
33 01 30 79-0431	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	57.13	
		For 1/4" Thickness, Add	*1.56*	
		For 5/16" Thickness, Add	*3.12*	
33 01 30 79-0432	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	47.89	
		For 1/4" Thickness, Add	*1.56*	
		For 5/16" Thickness, Add	*3.12*	
33 01 30 79-0433	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	39.62	
		For 1/4" Thickness, Add	*1.56*	
		For 5/16" Thickness, Add	*3.12*	
33 01 30 79-0434	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	66.96	
		For 1/4" Thickness, Add	*1.78*	
		For 5/16" Thickness, Add	*3.57*	
33 01 30 79-0435	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	59.96	
		For 1/4" Thickness, Add	*1.78*	
		For 5/16" Thickness, Add	*3.57*	
33 01 30 79-0436	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	50.42	
		For 1/4" Thickness, Add	*1.78*	
		For 5/16" Thickness, Add	*3.57*	
33 01 30 79-0437	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	42.72	
		For 1/4" Thickness, Add	*1.78*	
		For 5/16" Thickness, Add	*3.57*	
33 01 30 79-0438	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	70.65	
		For 1/4" Thickness, Add	*2.23*	
		For 5/16" Thickness, Add	*4.46*	
33 01 30 79-0439	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	63.25	
		For 1/4" Thickness, Add	*2.23*	
		For 5/16" Thickness, Add	*4.46*	
33 01 30 79-0440	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	53.14	
		For 1/4" Thickness, Add	*2.23*	
		For 5/16" Thickness, Add	*4.46*	
33 01 30 79-0441	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	45.36	
		For 1/4" Thickness, Add	*2.23*	
		For 5/16" Thickness, Add	*4.46*	
33 01 30 79-0442	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	74.26	
		For 1/4" Thickness, Add	*2.68*	
		For 5/16" Thickness, Add	*5.35*	
33 01 30 79-0443	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	66.53	
		For 1/4" Thickness, Add	*2.68*	
		For 5/16" Thickness, Add	*5.35*	
33 01 30 79-0444	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	55.85	
		For 1/4" Thickness, Add	*2.68*	
		For 5/16" Thickness, Add	*5.35*	
33 01 30 79-0445	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	47.99	
		For 1/4" Thickness, Add	*2.68*	
		For 5/16" Thickness, Add	*5.35*	
33 01 30 79-0446	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	86.43	
		For 3/8" Thickness, Add	*7.03*	
		For 7/16" Thickness, Add	*10.54*	
33 01 30 79-0447	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	78.02	
		For 3/8" Thickness, Add	*7.03*	
		For 7/16" Thickness, Add	*10.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0448	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	66.41	
		For 3/8" Thickness, Add	*7.03*	
		For 7/16" Thickness, Add	*10.54*	
33 01 30 79-0449	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	58.31	
		For 3/8" Thickness, Add	*7.03*	
		For 7/16" Thickness, Add	*10.54*	
33 01 30 79-0450	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	94.51	
		For 3/8" Thickness, Add	*8.03*	
		For 7/16" Thickness, Add	*12.04*	
33 01 30 79-0451	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	85.51	
		For 3/8" Thickness, Add	*8.03*	
		For 7/16" Thickness, Add	*12.04*	
33 01 30 79-0452	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	73.03	
		For 3/8" Thickness, Add	*8.03*	
		For 7/16" Thickness, Add	*12.04*	
33 01 30 79-0453	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	64.77	
		For 3/8" Thickness, Add	*8.03*	
		For 7/16" Thickness, Add	*12.04*	
33 01 30 79-0454	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	97.98	
		For 3/8" Thickness, Add	*9.03*	
		For 7/16" Thickness, Add	*13.55*	
33 01 30 79-0455	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	88.79	
		For 3/8" Thickness, Add	*9.03*	
		For 7/16" Thickness, Add	*13.55*	
33 01 30 79-0456	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	76.02	
		For 3/8" Thickness, Add	*9.03*	
		For 7/16" Thickness, Add	*13.55*	
33 01 30 79-0457	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	68.08	
		For 3/8" Thickness, Add	*9.03*	
		For 7/16" Thickness, Add	*13.55*	
33 01 30 79-0458	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	101.46	
		For 3/8" Thickness, Add	*10.04*	
		For 7/16" Thickness, Add	*15.05*	
33 01 30 79-0459	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	92.09	
		For 3/8" Thickness, Add	*10.04*	
		For 7/16" Thickness, Add	*15.05*	
33 01 30 79-0460	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	79.08	
		For 3/8" Thickness, Add	*10.04*	
		For 7/16" Thickness, Add	*15.05*	
33 01 30 79-0461	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	71.38	
		For 3/8" Thickness, Add	*10.04*	
		For 7/16" Thickness, Add	*15.05*	
33 01 30 79-0462	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	105.17	
		For 3/8" Thickness, Add	*11.04*	
		For 7/16" Thickness, Add	*16.56*	
33 01 30 79-0463	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	95.60	
		For 3/8" Thickness, Add	*11.04*	
		For 7/16" Thickness, Add	*16.56*	
33 01 30 79-0464	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	82.39	
		For 3/8" Thickness, Add	*11.04*	
		For 7/16" Thickness, Add	*16.56*	
33 01 30 79-0465	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	75.25	
		For 3/8" Thickness, Add	*11.04*	
		For 7/16" Thickness, Add	*16.56*	
33 01 30 79-0466	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	109.20	
		For 3/8" Thickness, Add	*12.04*	
		For 7/16" Thickness, Add	*18.06*	
33 01 30 79-0467	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	99.46	
		For 3/8" Thickness, Add	*12.04*	
		For 7/16" Thickness, Add	*18.06*	
33 01 30 79-0468	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	85.93	
		For 3/8" Thickness, Add	*12.04*	
		For 7/16" Thickness, Add	*18.06*	
33 01 30 79-0469	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	79.20	
		For 3/8" Thickness, Add	*12.04*	
		For 7/16" Thickness, Add	*18.06*	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up *(33 01 30 81-0001)*

33 01 30 81-0003	EA	Inspect Manhole	141.23	
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	8,331.35	
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains	11,738.28	

33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*

Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal	375.24	
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal	395.53	
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal	405.67	
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal	466.51	
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal	527.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal	588.23	
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal	709.93	
33 01 30 81-0015		External Manhole Encapsulation *(33 01 30 81-0006)*		
		Note: Wrapidseal.		
33 01 30 81-0016	EA	24" External Manhole Encapsulation	547.66	
33 01 30 81-0017	EA	30" External Manhole Encapsulation	578.08	
33 01 30 81-0018	EA	36" External Manhole Encapsulation	618.65	
33 01 30 81-0019	EA	42" External Manhole Encapsulation	669.36	
33 01 30 81-0020	EA	48" External Manhole Encapsulation	740.35	
33 01 30 81-0021	EA	54" External Manhole Encapsulation	821.48	
33 01 30 81-0022	EA	60" External Manhole Encapsulation	922.90	
33 01 30 81-0023		Manhole Crack Repair *(33 01 30 81-0001)*		
		Note: Includes removing loose materials and cleaning.		
33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	41.31	
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	55.56	
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	39.12	
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	52.86	
33 01 30 81-0028		Manhole Patching *(33 01 30 81-0001)*		
		Note: Includes removing loose materials and cleaning.		
33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	11.14	
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	27.80	
33 01 30 81-0031		Manhole Joint Restoration *(33 01 30 81-0001)*		
		Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,390.27	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*188.13*	
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,622.85	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*206.98*	
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,853.69	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*225.84*	
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,176.58	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*235.27*	
33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,498.59	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	*244.69*	
33 01 30 81-0037		Step Installation In Existing Manholes *(33 01 30 81-0001)*		
		Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0038	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	88.79	17.35
33 01 30 81-0039	EA	Drill And Grout Galvanized Steel Manhole Step	76.63	17.35
33 01 30 81-0040	EA	Bolt On Galvanized Steel Manhole Step	95.49	17.35
33 01 30 81-0041	EA	Drill And Grout Aluminum Manhole Step	73.57	17.35
33 01 30 81-0042	EA	Drill And Insert Polypropylene Manhole Step	47.62	13.88
33 01 30 81-0043		Invert Restoration *(33 01 30 81-0001)*		
		Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044		Concrete Invert Restoration *(33 01 30 81-0043)*		
33 01 30 81-0045	EA	2' Diameter, Concrete Invert Restoration	259.09	
33 01 30 81-0046	EA	3' Diameter, Concrete Invert Restoration	294.40	
33 01 30 81-0047	EA	4' Diameter, Concrete Invert Restoration	329.70	
33 01 30 81-0048	EA	5' Diameter, Concrete Invert Restoration	365.01	
33 01 30 81-0049	EA	6' Diameter, Concrete Invert Restoration	470.93	
33 01 30 81-0050	SF	Square Or Rectangular, Concrete Invert Restoration	26.21	
33 01 30 81-0051		Brick Invert Restoration *(33 01 30 81-0043)*		
33 01 30 81-0052	EA	2' Diameter, Brick Invert Restoration	446.57	
33 01 30 81-0053	EA	3' Diameter, Brick Invert Restoration	481.87	
33 01 30 81-0054	EA	4' Diameter, Brick Invert Restoration	517.18	
33 01 30 81-0055	EA	5' Diameter, Brick Invert Restoration	552.49	
33 01 30 81-0056	EA	6' Diameter, Brick Invert Restoration	587.80	
33 01 30 81-0057	SF	Square Or Rectangular, Brick Invert Restoration	37.46	

33 01 30 82 Lining For Concrete Manholes *(33 01 30)*

33 01 30 82-0001 Manhole Lining *(33 01 30 82)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 82-0002 Cementitious Manhole Restoration, Interior *(33 01 30 82-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	103.92	
		For Each Additional 1/2" Thick Material, Add	*21.89*	
		For 2 To 5 Manholes, Deduct	*-7.43*	
		For 6 To 10 Manholes, Deduct	*-12.27*	
		For >10 Manholes, Deduct	*-24.54*	
33 01 30 82-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	120.47	
		For Each Additional 1/2" Thick Material, Add	*25.46*	
		For 2 To 5 Manholes, Deduct	*-8.62*	
		For 6 To 10 Manholes, Deduct	*-14.22*	
		For >10 Manholes, Deduct	*-28.44*	
33 01 30 82-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	137.01	
		For Each Additional 1/2" Thick Material, Add	*29.04*	
		For 2 To 5 Manholes, Deduct	*-9.80*	
		For 6 To 10 Manholes, Deduct	*-16.17*	
		For >10 Manholes, Deduct	*-32.34*	
33 01 30 82-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	160.76	
		For Each Additional 1/2" Thick Material, Add	*35.33*	
		For 2 To 5 Manholes, Deduct	*-11.46*	
		For 6 To 10 Manholes, Deduct	*-18.89*	
		For >10 Manholes, Deduct	*-37.78*	
33 01 30 82-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	174.87	
		For Each Additional 1/2" Thick Material, Add	*40.49*	
		For 2 To 5 Manholes, Deduct	*-12.40*	
		For 6 To 10 Manholes, Deduct	*-20.42*	
		For >10 Manholes, Deduct	*-40.84*	

33 01 30 82-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 82-0001)*

33 01 30 82-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	223.10	
		For 80 Mil Material, Add	*19.57*	
		For 100 Mil Material, Add	*39.14*	
		For 125 Mil Material, Add	*59.63*	
		For 150 Mil Material, Add	*80.12*	
		For 200 Mil Material, Add	*110.49*	
		For 2 To 5 Manholes, Deduct	*-16.46*	
		For 6 To 10 Manholes, Deduct	*-27.34*	
		For >10 Manholes, Deduct	*-54.68*	
33 01 30 82-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	272.07	
		For 80 Mil Material, Add	*23.72*	
		For 100 Mil Material, Add	*47.43*	
		For 125 Mil Material, Add	*72.22*	
		For 150 Mil Material, Add	*97.01*	
		For 200 Mil Material, Add	*133.61*	
		For 2 To 5 Manholes, Deduct	*-20.08*	
		For 6 To 10 Manholes, Deduct	*-33.37*	
		For >10 Manholes, Deduct	*-66.74*	
33 01 30 82-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	297.47	
		For 80 Mil Material, Add	*26.09*	
		For 100 Mil Material, Add	*52.19*	
		For 125 Mil Material, Add	*79.51*	
		For 150 Mil Material, Add	*106.82*	
		For 200 Mil Material, Add	*147.31*	
		For 2 To 5 Manholes, Deduct	*-21.94*	
		For 6 To 10 Manholes, Deduct	*-36.45*	
		For >10 Manholes, Deduct	*-72.90*	
33 01 30 82-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	371.84	
		For 80 Mil Material, Add	*32.62*	
		For 100 Mil Material, Add	*65.24*	
		For 125 Mil Material, Add	*99.39*	
		For 150 Mil Material, Add	*133.54*	
		For 200 Mil Material, Add	*184.15*	
		For 2 To 5 Manholes, Deduct	*-27.43*	
		For 6 To 10 Manholes, Deduct	*-45.56*	
		For >10 Manholes, Deduct	*-91.13*	
33 01 30 82-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	446.21	
		For 80 Mil Material, Add	*39.14*	
		For 100 Mil Material, Add	*78.29*	
		For 125 Mil Material, Add	*119.26*	
		For 150 Mil Material, Add	*160.24*	
		For 200 Mil Material, Add	*220.98*	
		For 2 To 5 Manholes, Deduct	*-32.92*	
		For 6 To 10 Manholes, Deduct	*-54.68*	
		For >10 Manholes, Deduct	*-109.35*	

33 01 30 82-0014 Epoxy Manhole Restoration, Interior *(33 01 30 82-0001)*

33 01 30 82-0015	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	243.56	
		For 80 Mil Material, Add	*26.39*	
		For 100 Mil Material, Add	*52.78*	
		For 125 Mil Material, Add	*81.80*	
		For 150 Mil Material, Add	*110.81*	
		For 200 Mil Material, Add	*158.23*	
		For 2 To 5 Manholes, Deduct	*-17.48*	
		For 6 To 10 Manholes, Deduct	*-28.87*	
		For >10 Manholes, Deduct	*-57.75*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0016	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	295.97	
		For 80 Mil Material, Add	*31.68*	
		For 100 Mil Material, Add	*63.37*	
		For 125 Mil Material, Add	*98.11*	
		For 150 Mil Material, Add	*132.86*	
		For 200 Mil Material, Add	*189.38*	
		For 2 To 5 Manholes, Deduct	*-21.28*	
		For 6 To 10 Manholes, Deduct	*-35.16*	
		For >10 Manholes, Deduct	*-70.32*	
33 01 30 82-0017	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	324.75	
		For 80 Mil Material, Add	*35.19*	
		For 100 Mil Material, Add	*70.38*	
		For 125 Mil Material, Add	*109.06*	
		For 150 Mil Material, Add	*147.74*	
		For 200 Mil Material, Add	*210.96*	
		For 2 To 5 Manholes, Deduct	*-23.31*	
		For 6 To 10 Manholes, Deduct	*-38.50*	
		For >10 Manholes, Deduct	*-76.99*	
33 01 30 82-0018	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	405.97	
		For 80 Mil Material, Add	*44.00*	
		For 100 Mil Material, Add	*87.99*	
		For 125 Mil Material, Add	*136.36*	
		For 150 Mil Material, Add	*184.73*	
		For 200 Mil Material, Add	*263.79*	
		For 2 To 5 Manholes, Deduct	*-29.14*	
		For 6 To 10 Manholes, Deduct	*-48.12*	
		For >10 Manholes, Deduct	*-96.25*	
33 01 30 82-0019	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	487.16	
		For 80 Mil Material, Add	*52.79*	
		For 100 Mil Material, Add	*105.59*	
		For 125 Mil Material, Add	*163.63*	
		For 150 Mil Material, Add	*221.66*	
		For 200 Mil Material, Add	*316.53*	
		For 2 To 5 Manholes, Deduct	*-34.96*	
		For 6 To 10 Manholes, Deduct	*-57.75*	
		For >10 Manholes, Deduct	*-115.50*	

33 01 30 82-0020 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 82-0001)*

33 01 30 82-0021	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	327.44	
		For 2 To 5 Manholes, Deduct	*-19.63*	
		For 6 To 10 Manholes, Deduct	*-31.07*	
		For >10 Manholes, Deduct	*-62.14*	
33 01 30 82-0022	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	400.91	
		For 2 To 5 Manholes, Deduct	*-24.03*	
		For 6 To 10 Manholes, Deduct	*-38.03*	
		For >10 Manholes, Deduct	*-76.06*	
33 01 30 82-0023	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	468.65	
		For 2 To 5 Manholes, Deduct	*-27.78*	
		For 6 To 10 Manholes, Deduct	*-43.83*	
		For >10 Manholes, Deduct	*-87.67*	
33 01 30 82-0024	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	587.52	
		For 2 To 5 Manholes, Deduct	*-34.80*	
		For 6 To 10 Manholes, Deduct	*-54.92*	
		For >10 Manholes, Deduct	*-109.84*	
33 01 30 82-0025	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	706.40	
		For 2 To 5 Manholes, Deduct	*-41.83*	
		For 6 To 10 Manholes, Deduct	*-66.01*	
		For >10 Manholes, Deduct	*-132.02*	

33 01 30 86 Manhole Rim Adjustment *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	257.75
33 01 30 86-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	288.82
33 01 30 86-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	317.23
33 01 30 86-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	349.34
33 01 30 86-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	375.80

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

33 01 30 86-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	299.78
33 01 30 86-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	326.32
33 01 30 86-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	359.42
33 01 30 86-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	391.54
33 01 30 86-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	422.65

33 01 30 86-0014 >6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0015	EA	>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	419.73
33 01 30 86-0016	EA	7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	455.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 86-0017	EA	7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	492.70	
33 01 30 86-0018	EA	8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	522.51	
33 01 30 86-0019	EA	9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	567.08	
33 01 30 86-0020	EA	10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	607.92	
33 01 30 86-0021	EA	11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	648.11	
33 01 30 86-0022	EA	12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	689.26	

33 01 30 86-0023 >12" Rise, Solid Manhole Risers *(33 01 30 86)*

33 01 30 86-0024 Precast Concrete Manhole Riser *(33 01 30 86-0023)*

33 01 30 86-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	67.26	
33 01 30 86-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	80.86	
33 01 30 86-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	91.92	
33 01 30 86-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	175.56	
33 01 30 86-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	259.25	

33 05 Common Work Results For Utilities *(33)*

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	20.13	
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	24.29	
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	33.31	
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	43.03	
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	74.29	
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	108.38	
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	130.23	
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	155.58	
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	269.20	
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	331.29	
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	408.62	
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	466.86	
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	594.56	
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	640.65	
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	696.73	
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	730.45	
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,146.44	
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,200.80	
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,069.57	

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	10.32	
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	15.48	
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	21.50	
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	26.66	
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	31.82	
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	36.98	
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	43.00	
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	52.44	
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	56.81	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	61.18	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	126.73	
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	195.72	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	238.68	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	381.89	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,751.96	
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,146.44	
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,200.80	

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	40.33	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	48.47	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	65.89	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking	85.14	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking	115.89	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking	169.58	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking	203.99	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking	243.63	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking	397.18	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking	565.37	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking	670.93	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking	761.02	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking	819.03	
33 05 07 23-0015	LF	48" Diameter Horizontal Jacking	886.14	
33 05 07 23-0016	LF	54" Diameter Horizontal Jacking	953.16	
33 05 07 23-0017	EA	Up To 6" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,751.96	
33 05 07 23-0018	EA	>6" To 20" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,146.44	
33 05 07 23-0019	EA	>20" To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,200.80	
33 05 07 23-0020	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,069.57	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.60	
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.15	
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.83	
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.52	
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	13.07	
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	14.66	
33 05 07 24-0009	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	16.25	

33 05 07 24-0010 Polyethylene Pipe *(33 05 07 24-0001)*

33 05 07 24-0011	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	3.45	
33 05 07 24-0012	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	3.82	
33 05 07 24-0013	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.14	
33 05 07 24-0014	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.44	
33 05 07 24-0015	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.74	
33 05 07 24-0016	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.05	
33 05 07 24-0017	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.35	
33 05 07 24-0018	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.38	
33 05 07 24-0019	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.00	
33 05 07 24-0020	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.62	
33 05 07 24-0021	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.71	
33 05 07 24-0022	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.93	

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Cast In Place Concrete, 8" Thick *(33 05 61 00-0001)*

Note: Includes base, wall, top and block-out for openings.

33 05 61 00-0003 48" Diameter *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Diameter x 4' Deep Cast In Place Manhole 8" Thick	1,375.17	496.90
33 05 61 00-0005	EA	4' Diameter x 6' Deep Cast In Place Manhole 8" Thick	1,893.38	679.81
33 05 61 00-0006	EA	4' Diameter x 8' Deep Cast In Place Manhole 8" Thick	2,724.34	1,019.11
33 05 61 00-0007	VLF	4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'	337.52	127.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0008		Precast Concrete Manholes *(33 05 61 00-0001)* Note: Includes base, riser(s), reducer and openings. See CSI section 33 05 84 00-0002 for top slabs.		
33 05 61 00-0009		3' Diameter, 8" Thick Walls, Precast Concrete Manholes *(33 05 61 00-0008)*		
33 05 61 00-0010	EA	4' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole	832.73	235.18
		For 6" Thick Wall, Deduct	*-59.76*	
33 05 61 00-0011	EA	6' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,158.17	321.61
		For 6" Thick Wall, Deduct	*-83.66*	
33 05 61 00-0012	EA	8' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,632.35	482.42
		For 6" Thick Wall, Deduct	*-114.99*	
33 05 61 00-0013	VLF	Vertical Linear Foot Depth Over 8', x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole	201.66	64.33
		For 6" Thick Wall, Deduct	*-14.14*	
33 05 61 00-0014		3'-6" Diameter, 8" Thick Walls, Precast Concrete Manholes *(33 05 61 00-0008)*		
33 05 61 00-0015	EA	4' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole	924.37	245.23
		For 6" Thick Wall, Deduct	*-67.91*	
33 05 61 00-0016	EA	6' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole	1,282.44	335.28
		For 6" Thick Wall, Deduct	*-94.72*	
33 05 61 00-0017	EA	8' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole	1,794.88	502.52
		For 6" Thick Wall, Deduct	*-129.24*	
33 05 61 00-0018	VLF	Vertical Linear Foot Depth Over 8', x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole	220.92	64.33
		For 6" Thick Wall, Deduct	*-15.82*	
33 05 61 00-0019		4' Diameter, 8" Thick Walls, Precast Concrete Manholes *(33 05 61 00-0008)*		
33 05 61 00-0020	EA	4' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,018.38	253.27
		For 6" Thick Wall, Deduct	*-76.34*	
33 05 61 00-0021	EA	6' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,408.80	345.73
		For 6" Thick Wall, Deduct	*-106.04*	
33 05 61 00-0022	EA	8' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,960.69	522.62
		For 6" Thick Wall, Deduct	*-143.81*	
33 05 61 00-0023	VLF	Vertical Linear Foot Depth Over 8', x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole	240.84	66.34
		For 6" Thick Wall, Deduct	*-17.55*	
33 05 61 00-0024	VLF	Vertical Linear Foot Depth x 4' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone	282.98	66.34
		For 6" Thick Wall, Deduct	*-21.77*	
33 05 61 00-0025		5' Diameter, 8" Thick Walls, Precast Concrete Manholes *(33 05 61 00-0008)*		
33 05 61 00-0026	EA	4' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,231.90	281.41
		For 6" Thick Wall, Deduct	*-94.97*	
33 05 61 00-0027	EA	6' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,692.59	385.93
		For 6" Thick Wall, Deduct	*-130.72*	
33 05 61 00-0028	EA	8' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole	2,332.25	578.90
		For 6" Thick Wall, Deduct	*-175.41*	
33 05 61 00-0029	VLF	Vertical Linear Foot Depth Over 8', x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole	285.07	72.36
		For 6" Thick Wall, Deduct	*-21.27*	
33 05 61 00-0030	VLF	Vertical Linear Foot Depth x 5' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone	330.61	72.36
		For 6" Thick Wall, Deduct	*-25.83*	
33 05 61 00-0031		6' Diameter, 8" Thick Walls, Precast Concrete Manholes *(33 05 61 00-0008)*		
33 05 61 00-0032	EA	4' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole	1,465.81	313.57
33 05 61 00-0033	EA	6' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole	2,001.06	426.14
33 05 61 00-0034	EA	8' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole	2,736.70	643.23
33 05 61 00-0035	VLF	Vertical Linear Foot Depth Over 8', x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole	332.45	80.40
33 05 61 00-0036	VLF	Vertical Linear Foot Depth x 6' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone	374.58	80.40
33 05 62		**Brick Manholes** *(33 05)*		
33 05 62 00-0001		Brick Manholes *(33 05 62)*		
33 05 62 00-0002		4' Inside Diameter x 8" Wall (2 Brick) *(33 05 62 00-0001)*		
33 05 62 00-0003	EA	4' Inside Diameter x 4' Deep Brick Manhole, 8" Wall	2,428.67	868.41
33 05 62 00-0004	EA	4' Inside Diameter x 6' Deep Brick Manhole, 8" Wall	3,548.56	1,278.94
33 05 62 00-0005	EA	4' Inside Diameter x 8' Deep Brick Manhole, 8" Wall	4,691.32	1,736.84
33 05 62 00-0006	VLF	4' Inside Diameter x Vertical Linear Foot Depth Brick Manhole, 8" Wall, Over 8'	609.47	217.10
33 05 63		**Concrete Vaults and Chambers** *(33 05)*		
33 05 63 00-0001		Underground Utility Vaults And Structures *(33 05 63)* See CSI section 33 05 61 00-0001 for manholes, 33 05 84 00-0087 for frames and covers.		
33 05 63 00-0002		Precast Concrete Underground Utility Vault *(33 05 63 00-0001)* Note: Sizes given are for inside dimensions.		
33 05 63 00-0003		6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,200.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,867.98	
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,731.58	
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,463.29	
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,665.18	
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,461.57	
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,258.78	
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	7,597.97	
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	7,597.97	
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,567.01	
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,388.19	
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,314.01	
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,025.38	
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,158.08	
33 05 63 00-0018		**7' High Precast Concrete Underground Utility Vault** *(33 05 63 00-0002)*		
33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,422.24	
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,145.16	
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,868.06	
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,146.97	
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,934.58	
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,997.47	
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,849.82	
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,702.12	
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	8,262.55	
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,379.38	
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,831.52	
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,812.46	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,764.33	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,969.64	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	9,911.46	
33 05 63 00-0034		**8' High Precast Concrete Underground Utility Vault** *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,643.50	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,422.34	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,562.33	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,405.07	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,329.78	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,237.23	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,144.67	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	8,927.12	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,191.78	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,274.06	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,310.90	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,502.39	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,782.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,650.17	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,662.09	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,624.63	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,388.21	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,994.39	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,012.86	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	1,616.04	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	2,132.27	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	2,591.92	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	3,162.09	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	4,201.17	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	2,395.52	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	3,162.09	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	3,992.11	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	4,983.56	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	6,731.37	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)*		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0072		Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	195.36	18.37
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	179.09	40.82
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	272.98	61.22
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	313.16	61.22
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	299.88	61.22
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	357.83	61.22
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	349.09	61.22
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	466.43	61.22
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	660.26	81.63
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	912.80	81.63
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	615.33	112.24
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	694.41	112.24
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,105.81	112.24
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	658.17	122.44
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	917.22	122.44
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,129.05	122.44
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,630.09	122.44
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	942.32	180.37
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,332.19	180.37
33 05 63 00-0092		Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0071)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	247.85	18.37
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	335.50	61.22
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	400.17	61.22
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	371.22	61.22
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	420.75	61.22
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	433.74	61.22
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	551.81	61.22
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	748.27	112.24
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	827.35	112.24
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,238.76	112.24
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,097.67	180.37
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,490.51	180.37
33 05 63 00-0105		Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		
33 05 63 00-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	315.40	18.37
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	267.89	18.37
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	237.92	61.22
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	265.95	61.22
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	80.23	18.37
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	119.95	18.37
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	188.91	18.37
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	197.26	18.37
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	176.18	40.82
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	188.98	40.82
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	118.25	18.37
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	133.88	18.37
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	187.65	40.82
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	209.17	40.82
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	195.24	40.82
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.22	61.22
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	260.33	61.22
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	276.03	61.22
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	299.67	61.22
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	346.82	61.22
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	375.42	61.22
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	406.71	61.22
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	426.39	61.22
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	511.92	81.63
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.65	112.24
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	666.71	112.24
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	793.27	112.24
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	873.19	112.24
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	952.69	112.24
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,094.42	180.37
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	814.24	180.37
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	915.75	180.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,109.85	180.37
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,107.86	180.37
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,180.32	180.37
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,319.66	180.37
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,223.55	193.26
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,321.93	193.26
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,447.53	193.26
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,497.79	193.26
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,515.25	193.26
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,706.64	193.26
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,334.97	193.26
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,738.22	193.26
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,952.46	206.13
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,391.22	206.13
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,045.10	206.13

33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.70	61.22
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	352.29	61.22
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	130.07	18.37
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	184.37	18.37
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	244.39	18.37
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	252.75	18.37
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	230.83	40.82
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.74	40.82
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	251.65	40.82
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	172.60	18.37
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	202.49	18.37
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	251.36	40.82
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	272.88	40.82
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	259.63	40.82
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.30	61.22
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	331.67	61.22
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	360.85	61.22
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	384.34	61.22
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	431.35	61.22
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	460.07	61.22
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	491.23	61.22
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	511.04	61.22
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	628.87	81.63
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	662.61	112.24
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	799.50	112.24
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	925.92	112.24
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,005.72	112.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,085.48	112.24
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	968.13	180.37
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,069.79	180.37
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,263.74	180.37
33 05 63 00-0186		Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	287.46	61.22
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	330.20	61.22
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	98.30	18.37
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	156.47	18.37
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	221.17	18.37
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	229.68	18.37
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	215.54	40.82
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	240.32	40.82
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	137.95	18.37
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	227.72	40.82
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	258.57	40.82
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	235.73	40.82
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	307.02	61.22
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	349.21	61.22
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	363.24	61.22
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	396.65	61.22
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	427.38	61.22
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	456.39	61.22
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	508.34	61.22
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	515.59	61.22
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	637.93	81.63
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	674.36	112.24
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	825.54	112.24
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	975.06	112.24
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,074.37	112.24
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,173.68	112.24
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,279.45	180.37
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	999.29	180.37
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,108.71	180.37
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,302.68	180.37
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,388.24	180.37
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,415.03	180.37
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,674.94	180.37
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,563.67	193.26
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,614.50	193.26
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,758.70	193.26
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,867.84	193.26
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,721.96	193.26
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,112.28	193.26
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,843.48	193.26
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,018.61	193.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,434.19	206.13
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,873.12	206.13
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,847.18	206.13
33 05 63 00-0231		Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	360.23	61.22
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	416.70	61.22
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	147.74	18.37
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	220.76	18.37
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	276.54	18.37
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	285.16	18.37
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	279.25	40.82
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	303.87	40.82
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	208.60	18.37
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	291.14	40.82
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	322.00	40.82
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	281.94	40.82
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	378.39	61.22
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	420.58	61.22
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	447.90	61.22
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	481.31	61.22
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	512.03	61.22
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	541.06	61.22
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	593.02	61.22
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	600.24	61.22
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	754.72	81.63
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	807.30	112.24
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	958.35	112.24
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,107.70	112.24
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,207.09	112.24
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,306.48	112.24
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,153.31	180.37
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,262.89	180.37
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,456.72	180.37
33 05 63 00-0261		Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	305.21	61.22
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	205.91	40.82
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	229.70	40.82
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	274.32	61.22
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	213.70	40.82
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	236.49	40.82
33 05 63 00-0268		Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)*		
33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	230.03	61.22
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	254.82	61.22
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	297.31	81.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	321.66	81.63
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	387.69	112.24
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	669.83	180.37
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	643.21	180.37
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	649.02	180.37
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	855.82	193.26
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,318.84	206.13
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,705.47	206.13
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	360.13	61.22
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	375.28	61.22
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	408.30	81.63
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	432.90	81.63
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	509.41	112.24
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	815.23	180.37
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	286.08	61.22
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	315.96	61.22
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	430.56	112.24
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	827.32	193.26

33 05 63 00-0290 Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)*

33 05 63 00-0291 Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	76.14	8.17
33 05 63 00-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	77.10	8.17
33 05 63 00-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	71.64	8.17
33 05 63 00-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	77.29	8.17
33 05 63 00-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	78.02	8.17
33 05 63 00-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	89.14	8.17
33 05 63 00-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	102.89	8.17
33 05 63 00-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	664.60	23.19
33 05 63 00-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	582.59	23.19
33 05 63 00-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	868.23	23.19
33 05 63 00-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	877.96	23.19
33 05 63 00-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	993.54	23.19
33 05 63 00-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,081.82	23.19
33 05 63 00-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,733.60	23.19
33 05 63 00-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	65.59	8.17
33 05 63 00-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	92.88	8.17
33 05 63 00-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	94.15	8.17
33 05 63 00-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	117.80	8.17
33 05 63 00-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	89.49	8.17
33 05 63 00-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	138.90	8.17
33 05 63 00-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	109.60	8.17
33 05 63 00-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	222.26	8.17
33 05 63 00-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	196.32	12.24
33 05 63 00-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	245.08	12.24
33 05 63 00-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	315.42	14.29
33 05 63 00-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	441.61	18.04
33 05 63 00-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	459.50	34.36
33 05 63 00-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	119.22	8.17
33 05 63 00-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	168.91	8.17
33 05 63 00-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	191.85	8.17
33 05 63 00-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	317.34	8.17
33 05 63 00-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	263.35	12.24
33 05 63 00-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	443.10	14.29
33 05 63 00-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	579.92	18.04
33 05 63 00-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	782.17	23.19
33 05 63 00-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	696.24	23.19
33 05 63 00-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	969.47	23.19
33 05 63 00-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,260.05	23.19
33 05 63 00-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,207.04	23.19
33 05 63 00-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,828.23	23.19
33 05 63 00-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,819.72	23.19
33 05 63 00-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	156.04	8.17
33 05 63 00-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	170.39	8.17
33 05 63 00-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	223.56	8.17
33 05 63 00-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	254.42	8.17
33 05 63 00-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	437.92	8.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	320.18	12.24
33 05 63 00-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	436.35	12.24
33 05 63 00-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	675.09	14.29
33 05 63 00-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	772.46	18.04
33 05 63 00-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	804.23	34.36
33 05 63 00-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	930.09	23.19
33 05 63 00-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,295.40	23.19
33 05 63 00-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,809.22	23.19
33 05 63 00-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,615.31	23.19
33 05 63 00-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,671.80	23.19
33 05 63 00-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,119.75	23.19

33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*

33 05 63 00-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	87.07	8.17
33 05 63 00-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	91.88	8.17
33 05 63 00-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	93.46	8.17
33 05 63 00-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	94.05	8.17
33 05 63 00-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	108.14	8.17
33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	70.02	8.17
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	97.42	8.17
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	98.30	8.17
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	122.48	8.17
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	94.59	8.17
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	114.98	8.17
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	143.85	8.17
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	199.64	12.24
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	250.19	12.24
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	464.75	34.36
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	58.74	8.17
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	90.37	8.17
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	100.24	8.17
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	95.86	8.17
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	79.44	8.17
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	123.75	8.17
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	133.99	8.17
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	173.73	8.17
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	197.09	8.17
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	268.04	12.24
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	333.70	12.24
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	609.85	34.36

33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 63 00-0290)*

33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	47.86	8.17
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	56.37	8.17
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	67.82	8.17
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	72.92	8.17
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	72.79	8.17
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	85.84	8.17
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	98.67	8.17
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	236.73	12.24
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	440.40	34.36
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	657.43	23.19
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	574.50	23.19
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	854.91	23.19
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	825.26	23.19
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	985.81	23.19
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,053.26	23.19
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,678.72	23.19
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	63.17	8.17
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	61.75	8.17
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	89.82	8.17
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	98.41	8.17
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	111.01	8.17
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	85.10	8.17
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	94.59	8.17
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	132.95	8.17
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	192.47	12.24
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	239.37	12.24
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	236.59	12.24
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	424.19	18.04
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	440.40	20.61

33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	684.15	23.19
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	986.80	23.19
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	574.45	34.36
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	759.20	34.36
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	811.23	23.19
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,102.51	23.19

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0414		Split, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	268.12	12.24
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	496.12	18.04
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	519.40	34.36
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	45.49	8.17
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	73.37	8.17
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	80.42	8.17
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	85.09	8.17
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	75.05	8.17
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	129.84	8.17
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	357.70	12.24
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	657.66	18.04
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	689.85	34.36
33 05 63 00-0427		Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*		
		Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	541.52	184.52
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	882.65	276.77
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*89.68*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,097.54	369.03
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*152.76*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	1,128.23	369.03
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*190.55*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	1,348.89	461.29
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*227.30*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	1,400.37	461.29
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*255.68*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	1,635.22	553.55
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*296.81*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	1,885.84	645.81
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*431.34*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	1,786.56	553.55
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*486.13*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	1,799.57	553.55
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*315.93*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	458.27	184.52
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	531.83	207.58
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	632.78	230.65
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0043 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001		Manhole Accessories *(33 05 84)*		
33 05 84 00-0002		Precast Concrete Manhole Tops *(33 05 84 00-0001)*		
33 05 84 00-0003		Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*		
33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	355.64	60.31
33 05 84 00-0005	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Slab	407.39	62.71
33 05 84 00-0006	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	464.66	65.13
33 05 84 00-0007	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	596.51	69.95
33 05 84 00-0008	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	699.15	74.78
33 05 84 00-0009		Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*		
33 05 84 00-0010	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	530.37	75.37
33 05 84 00-0011	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	580.57	78.39
33 05 84 00-0012	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	630.78	81.41
33 05 84 00-0013	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	727.16	86.43
33 05 84 00-0014	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	827.58	92.46
33 05 84 00-0015		Pipe To Manhole Connector *(33 05 84 00-0001)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0016		**Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors** *(33 05 84 00-0015)*		
33 05 84 00-0017	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	58.22	
33 05 84 00-0018	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	81.77	
33 05 84 00-0019	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	92.38	
33 05 84 00-0020	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	133.55	
33 05 84 00-0021	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	184.09	
33 05 84 00-0022	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	246.03	
33 05 84 00-0023	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	428.58	
33 05 84 00-0024	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	591.69	
33 05 84 00-0025	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	915.95	
33 05 84 00-0026	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,083.80	
33 05 84 00-0027		**Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout** *(33 05 84 00-0015)* Note: Fernco CMA.		
33 05 84 00-0028	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	73.18	
33 05 84 00-0029	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	100.91	
33 05 84 00-0030	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	127.26	
33 05 84 00-0031	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	153.52	
33 05 84 00-0032	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	178.26	
33 05 84 00-0033		**Brick And Grout Pipe To Manhole Connector** *(33 05 84 00-0015)*		
33 05 84 00-0034	EA	Seal Gap Between Pipe And Structure With Brick And Grout	196.61	
33 05 84 00-0035		**Inverts For Manholes** *(33 05 84 00-0001)*		
33 05 84 00-0036	EA	Single Channel Concrete Invert For Manholes	331.45	
33 05 84 00-0037	EA	Double Channel Concrete Invert For Manholes	484.43	
33 05 84 00-0038	EA	Triple Channel Concrete Invert For Manholes	650.19	
33 05 84 00-0039	EA	Quad Channel Concrete Invert For Manholes	815.93	
33 05 84 00-0040	EA	Single Channel Brick Invert For Manholes	511.92	
33 05 84 00-0041	EA	Double Channel Brick Invert For Manholes	766.56	
33 05 84 00-0042	EA	Triple Channel Brick Invert For Manholes	1,025.63	
33 05 84 00-0043	EA	Quad Channel Brick Invert For Manholes	1,281.54	
33 05 84 00-0044		**Steps For Cast-In-Place Manholes** *(33 05 84 00-0001)* See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.		
33 05 84 00-0045	EA	Cast Iron Manhole Step For New Manholes	53.63	
33 05 84 00-0046	EA	Galvanized Steel Manhole Step For New Manholes	41.47	
33 05 84 00-0047	EA	Aluminum Manhole Step For New Manholes	38.41	
33 05 84 00-0048	EA	Polypropylene Manhole Step For New Manholes	33.20	
33 05 84 00-0049		**Protective Coating For New Manholes** *(33 05 84 00-0001)*		
33 05 84 00-0050		**Polyurethane Protective Coating For New Manholes** *(33 05 84 00-0049)*		
33 05 84 00-0051	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	137.51	
		For 80 Mil Material, Add	*18.44*	
		For 100 Mil Material, Add	*36.88*	
		For 125 Mil Material, Add	*57.93*	
		For 150 Mil Material, Add	*78.99*	
		For 200 Mil Material, Add	*115.81*	
		For 2 To 5 Manholes, Deduct	*-9.53*	
		For 6 To 10 Manholes, Deduct	*-15.62*	
		For >10 Manholes, Deduct	*-31.23*	
33 05 84 00-0052	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	166.35	
		For 80 Mil Material, Add	*21.96*	
		For 100 Mil Material, Add	*43.92*	
		For 125 Mil Material, Add	*68.95*	
		For 150 Mil Material, Add	*93.97*	
		For 200 Mil Material, Add	*137.53*	
		For 2 To 5 Manholes, Deduct	*-11.56*	
		For 6 To 10 Manholes, Deduct	*-18.96*	
		For >10 Manholes, Deduct	*-37.92*	
33 05 84 00-0053	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	183.34	
		For 80 Mil Material, Add	*24.58*	
		For 100 Mil Material, Add	*49.16*	
		For 125 Mil Material, Add	*77.24*	
		For 150 Mil Material, Add	*105.32*	
		For 200 Mil Material, Add	*154.40*	
		For 2 To 5 Manholes, Deduct	*-12.70*	
		For 6 To 10 Manholes, Deduct	*-20.82*	
		For >10 Manholes, Deduct	*-41.64*	
33 05 84 00-0054	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	229.22	
		For 80 Mil Material, Add	*30.74*	
		For 100 Mil Material, Add	*61.48*	
		For 125 Mil Material, Add	*96.59*	
		For 150 Mil Material, Add	*131.71*	
		For 200 Mil Material, Add	*193.09*	
		For 2 To 5 Manholes, Deduct	*-15.88*	
		For 6 To 10 Manholes, Deduct	*-26.03*	
		For >10 Manholes, Deduct	*-52.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0055	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	265.61	
		For 80 Mil Material, Add	*36.18*	
		For 100 Mil Material, Add	*72.35*	
		For 125 Mil Material, Add	*113.78*	
		For 150 Mil Material, Add	*155.20*	
		For 200 Mil Material, Add	*227.91*	
		For 2 To 5 Manholes, Deduct	*-18.35*	
		For 6 To 10 Manholes, Deduct	*-30.05*	
		For >10 Manholes, Deduct	*-60.11*	

33 05 84 00-0056 Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0049)*

Note: For new manholes and shop applied.

33 05 84 00-0057	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	147.87	
33 05 84 00-0058	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	181.26	
33 05 84 00-0059	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	221.20	
33 05 84 00-0060	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	277.79	
33 05 84 00-0061	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	334.38	
33 05 84 00-0062	SF	Polyvinyl Chloride (PVC) Liner At Structures	22.58	

33 05 84 00-0063 Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*

33 05 84 00-0064 18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0063)*

33 05 84 00-0065	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	61.84	
33 05 84 00-0066	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	66.98	
33 05 84 00-0067	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	72.11	
33 05 84 00-0068	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	77.24	

33 05 84 00-0069 24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0063)*

33 05 84 00-0070	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	69.36	
33 05 84 00-0071	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	75.20	
33 05 84 00-0072	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	81.03	
33 05 84 00-0073	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	86.86	

33 05 84 00-0074 30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0063)*

33 05 84 00-0075	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	76.74	
33 05 84 00-0076	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	83.24	
33 05 84 00-0077	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	89.75	
33 05 84 00-0078	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	96.25	

33 05 84 00-0079 Bentonite Collar *(33 05 84 00-0001)*

33 05 84 00-0080 Bentonite Collar At Manhole Connections *(33 05 84 00-0079)*

33 05 84 00-0081	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	104.34	
33 05 84 00-0082	EA	>12" To 21", Bentonite Collar At Manhole Connection	165.52	
33 05 84 00-0083	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	264.63	
33 05 84 00-0084	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	621.26	
33 05 84 00-0085	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	953.22	
33 05 84 00-0086	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	1,726.23	

33 05 84 00-0087 Manhole Covers And Frames *(33 05 84)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 84 00-0088 Rainguard Inflow Protectors *(33 05 84 00-0087)*

33 05 84 00-0089	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	93.96	17.35
33 05 84 00-0090	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	105.99	17.35
33 05 84 00-0091	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	126.80	20.82
33 05 84 00-0092	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	134.41	20.82
33 05 84 00-0093	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	165.24	24.29
33 05 84 00-0094	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	174.58	24.29

33 05 84 00-0095 Regular Manhole Covers And Frames, City Type *(33 05 84 00-0087)*

33 05 84 00-0096	EA	18" Square, Gray Iron, Manhole Cover With Frame	651.24	69.15
		For Ductile Iron Castings, Add	*309.54*	
		For Heavy Duty, Add	*238.39*	
33 05 84 00-0097	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	423.68	69.15
		For Ductile Iron Castings, Add	*150.25*	
		For Heavy Duty, Add	*158.74*	
33 05 84 00-0098	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	489.39	80.40
		For Ductile Iron Castings, Add	*173.72*	
		For Heavy Duty, Add	*183.35*	
33 05 84 00-0099	EA	24" Square, Gray Iron, Manhole Cover With Frame	699.21	89.25
		For Ductile Iron Castings, Add	*301.84*	
		For Heavy Duty, Add	*258.12*	
33 05 84 00-0100	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	632.68	96.49
		For Ductile Iron Castings, Add	*239.46*	
		For Heavy Duty, Add	*235.97*	
33 05 84 00-0101	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	659.00	100.51
		For Ductile Iron Castings, Add	*250.25*	
		For Heavy Duty, Add	*245.73*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0102		Watertight Type Manhole Covers And Frames *(33 05 84 00-0087)*		
33 05 84 00-0103	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	733.35	57.09
		For Ductile Iron Castings, Add	*354.28*	
33 05 84 00-0104	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	753.72	57.09
		For Ductile Iron Castings, Add	*355.45*	
33 05 84 00-0105	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	779.14	66.73
		For Ductile Iron Castings, Add	*357.79*	
33 05 84 00-0106	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	910.43	74.78
		For Ductile Iron Castings, Add	*433.88*	
33 05 84 00-0107	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,033.22	76.38
		For Ductile Iron Castings, Add	*512.20*	
33 05 84 00-0108	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,080.23	77.99
		For Ductile Iron Castings, Add	*542.35*	
33 05 84 00-0109	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,122.70	80.40
		For Ductile Iron Castings, Add	*569.21*	
33 05 84 00-0110		Aluminum Manhole Covers And Frames *(33 05 84 00-0087)*		
33 05 84 00-0111	EA	12" Square Aluminum Manhole Cover With Frame	372.99	23.58
33 05 84 00-0112	EA	18" Square Aluminum Manhole Cover With Frame	642.04	26.11
33 05 84 00-0113	EA	24" Square Aluminum Manhole Cover With Frame	902.19	30.31
33 05 84 00-0114		Remove And Reinstall Manhole Cover And Frame *(33 05 84 00-0087)*		
		Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 05 84 00-0115	EA	Removal And Reinstallation Of Manhole Cover And Frame	322.37	
33 05 84 00-0116		Waste Water Collection System Taps *(33 05 84)*		
		Note: For tapping existing structures only. Includes grout.		
33 05 84 00-0117		Brick Manhole Taps *(33 05 84 00-0116)*		
33 05 84 00-0118	EA	4" Tap In 6" Brick Manhole	390.86	
33 05 84 00-0119	EA	6" Tap In 6" Brick Manhole	436.85	
33 05 84 00-0120	EA	8" Tap In 6" Brick Manhole	482.01	
33 05 84 00-0121	EA	10" Tap In 6" Brick Manhole	527.08	
33 05 84 00-0122	EA	12" Tap In 6" Brick Manhole	581.24	
33 05 84 00-0123	EA	15" Tap In 6" Brick Manhole	626.23	
33 05 84 00-0124		Precast Concrete Manhole Tap *(33 05 84 00-0116)*		
33 05 84 00-0125	EA	4" Tap In Existing Precast Concrete Manhole	567.70	
33 05 84 00-0126	EA	6" Tap In Existing Precast Concrete Manhole	636.68	
33 05 84 00-0127	EA	8" Tap In Existing Precast Concrete Manhole	710.82	
33 05 84 00-0128	EA	10" Tap In Existing Precast Concrete Manhole	778.43	
33 05 84 00-0129	EA	12" Tap In Existing Precast Concrete Manhole	845.90	
33 05 84 00-0130	EA	15" Tap In Existing Precast Concrete Manhole	915.01	
33 05 84 00-0131	EA	18" Tap In Existing Precast Concrete Manhole	1,048.88	
33 05 84 00-0132	EA	24" Tap In Existing Precast Concrete Manhole	1,345.45	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001		Non-Detectable Utility Warning Tape *(33 05 97 23)*		
		Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0002	LF	3" Non-Detectable Utility Warning Tape	0.02	
33 05 97 23-0003	LF	6" Non-Detectable Utility Warning Tape	0.03	
33 05 97 23-0004		Detectable Utility Warning Tape *(33 05 97 23)*		
		Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0005	LF	2" Detectable Utility Warning Tape	0.02	
33 05 97 23-0006	LF	3" Detectable Utility Warning Tape	0.03	
33 05 97 23-0007	LF	6" Detectable Utility Warning Tape	0.07	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001		Submersible Well Pumps *(33 11 13)*		
		Note: Includes pump end, motor and control box.		
33 11 13 00-0002		4" Submersible Well Pumps *(33 11 13 00-0001)*		
33 11 13 00-0003		Powder Coated Case And Cast Iron Ends *(33 11 13 00-0002)*		
33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,148.94	368.55
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,312.03	408.49
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,455.96	453.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0007		Stainless Steel Case And Ends *(33 11 13 00-0002)*		
33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,313.97	363.10
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,500.81	408.49
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,684.28	453.88
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,937.81	499.27
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,201.53	544.65
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,722.18	635.43
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,454.18	726.21
33 11 13 00-0015		6" Submersible Well Pumps *(33 11 13 00-0001)*		
33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,275.87	907.76
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,797.53	998.53
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,340.90	1,089.32
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,514.42	1,270.87

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: Cement lining and bituminous coating shall conform to ANSI A21.4.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	31.51	9.82
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*11.66*	
		For Cement Mortar Lining (CML), Add	*1.67*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*8.99*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.25*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.58*	
		For Class 52, Add	*3.62*	
		For Class 53, Add	*9.48*	
		For Class 54, Add	*13.50*	
		For Class 55, Add	*15.56*	
		For Class 56, Add	*17.57*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	34.12	10.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*12.80*	
		For Cement Mortar Lining (CML), Add	*1.83*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*9.88*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.37*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.71*	
		For Class 51, Add	*1.78*	
		For Class 52, Add	*3.96*	
		For Class 53, Add	*10.40*	
		For Class 54, Add	*14.81*	
		For Class 55, Add	*17.06*	
		For Class 56, Add	*19.27*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	36.44	10.97
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*13.90*	
		For Cement Mortar Lining (CML), Add	*1.99*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.72*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.49*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.82*	
		For Class 51, Add	*1.92*	
		For Class 52, Add	*4.29*	
		For Class 53, Add	*11.26*	
		For Class 54, Add	*16.05*	
		For Class 55, Add	*18.48*	
		For Class 56, Add	*20.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	42.67	11.40
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.78*	
		For Cement Mortar Lining (CML), Add	*2.54*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.72*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.91*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.13*	
		For Class 51, Add	*2.41*	
		For Class 52, Add	*5.39*	
		For Class 53, Add	*14.26*	
		For Class 54, Add	*20.33*	
		For Class 55, Add	*23.39*	
		For Class 56, Add	*26.40*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	57.73	16.30
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*19.82*	
		For Cement Mortar Lining (CML), Add	*3.30*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*16.52*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.48*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.89*	
		For Class 51, Add	*3.16*	
		For Class 52, Add	*7.06*	
		For Class 53, Add	*18.63*	
		For Class 54, Add	*26.56*	
		For Class 55, Add	*30.57*	
		For Class 56, Add	*34.51*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	69.65	18.11
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*21.10*	
		For Cement Mortar Lining (CML), Add	*4.22*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*16.88*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.17*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.48*	
		For Class 51, Add	*3.98*	
		For Class 52, Add	*8.92*	
		For Class 53, Add	*23.64*	
		For Class 54, Add	*33.71*	
		For Class 55, Add	*38.79*	
		For Class 56, Add	*43.77*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	83.20	20.34
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.03*	
		For Cement Mortar Lining (CML), Add	*5.23*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.79*	
		For Fusion Bonded Epoxy Lining (206N), Add	*9.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.92*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.16*	
		For Class 51, Add	*4.90*	
		For Class 52, Add	*10.98*	
		For Class 53, Add	*29.20*	
		For Class 54, Add	*41.65*	
		For Class 55, Add	*47.90*	
		For Class 56, Add	*54.04*	
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	93.95	23.30
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*24.05*	
		For Cement Mortar Lining (CML), Add	*5.87*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.19*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.40*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.70*	
		For Class 51, Add	*5.50*	
		For Class 52, Add	*12.33*	
		For Class 53, Add	*32.76*	
		For Class 54, Add	*46.73*	
		For Class 55, Add	*53.75*	
		For Class 56, Add	*60.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	116.41	27.17
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*30.85*	
		For Cement Mortar Lining (CML), Add	*7.52*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.32*	
		For Fusion Bonded Epoxy Lining (206N), Add	*13.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.64*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.82*	
		For Class 51, Add	*7.01*	
		For Class 52, Add	*15.71*	
		For Class 53, Add	*41.86*	
		For Class 54, Add	*59.72*	
		For Class 55, Add	*68.67*	
		For Class 56, Add	*77.46*	
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	132.26	32.60
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*31.49*	
		For Cement Mortar Lining (CML), Add	*8.29*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.20*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.21*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.61*	
		For Class 51, Add	*7.77*	
		For Class 52, Add	*17.40*	
		For Class 53, Add	*46.26*	
		For Class 54, Add	*65.97*	
		For Class 55, Add	*75.88*	
		For Class 56, Add	*85.61*	
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	172.96	40.75
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*34.48*	
		For Cement Mortar Lining (CML), Add	*11.12*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.35*	
		For Fusion Bonded Epoxy Lining (206N), Add	*20.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.34*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-8.65*	
		For Class 51, Add	*10.37*	
		For Class 52, Add	*23.24*	
		For Class 53, Add	*61.91*	
		For Class 54, Add	*88.32*	
		For Class 55, Add	*101.56*	
		For Class 56, Add	*114.56*	

33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0016	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	104.78	31.00
		For Cement Mortar Lining (CML), Add	*5.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0017	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	119.03	37.05
		For Cement Mortar Lining (CML), Add	*6.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0018	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	185.76	54.76
		For Cement Mortar Lining (CML), Add	*10.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0019	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	248.05	64.95
		For Cement Mortar Lining (CML), Add	*14.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0020	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	347.50	72.28
		For Cement Mortar Lining (CML), Add	*23.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.85*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0021	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	448.87	84.79
		For Cement Mortar Lining (CML), Add	*32.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	680.41	95.09
		For Cement Mortar Lining (CML), Add	*53.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*96.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	893.10	108.67
		For Cement Mortar Lining (CML), Add	*72.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	1,107.68	152.14
		For Cement Mortar Lining (CML), Add	*87.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0025	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	1,511.27	190.17
		For Cement Mortar Lining (CML), Add	*122.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*220.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	2,209.54	253.23
		For Cement Mortar Lining (CML), Add	*182.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*328.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*136.94*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0027 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0028	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	98.83	31.00
		For Cement Mortar Lining (CML), Add	*5.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	107.98	37.05
		For Cement Mortar Lining (CML), Add	*5.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	166.21	54.76
		For Cement Mortar Lining (CML), Add	*8.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	220.00	64.95
		For Cement Mortar Lining (CML), Add	*12.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	287.15	72.28
		For Cement Mortar Lining (CML), Add	*17.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	393.62	84.79
		For Cement Mortar Lining (CML), Add	*26.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.89*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0034	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	561.41	95.09
		For Cement Mortar Lining (CML), Add	*41.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	684.85	108.67
		For Cement Mortar Lining (CML), Add	*52.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	976.78	152.14
		For Cement Mortar Lining (CML), Add	*74.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*134.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,085.42	190.17
		For Cement Mortar Lining (CML), Add	*79.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*143.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	1,594.99	253.23
		For Cement Mortar Lining (CML), Add	*121.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*218.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.84*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0039 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0040	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	87.78	31.00
		For Cement Mortar Lining (CML), Add	*4.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	105.43	37.05
		For Cement Mortar Lining (CML), Add	*4.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	159.41	54.76
		For Cement Mortar Lining (CML), Add	*7.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	217.45	64.95
		For Cement Mortar Lining (CML), Add	*11.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	286.30	72.28
		For Cement Mortar Lining (CML), Add	*17.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	360.47	84.79
		For Cement Mortar Lining (CML), Add	*23.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	566.51	95.09
		For Cement Mortar Lining (CML), Add	*42.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*76.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.68*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0047	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	663.60	108.67
		For Cement Mortar Lining (CML), Add	*49.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	843.33	152.14
		For Cement Mortar Lining (CML), Add	*61.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,121.12	190.17
		For Cement Mortar Lining (CML), Add	*83.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*149.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,501.49	253.23
		For Cement Mortar Lining (CML), Add	*111.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.83*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0051 Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	87.78	31.00
		For Cement Mortar Lining (CML), Add	*4.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	102.88	37.05
		For Cement Mortar Lining (CML), Add	*4.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	161.96	54.76
		For Cement Mortar Lining (CML), Add	*7.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	206.40	64.95
		For Cement Mortar Lining (CML), Add	*10.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	284.60	72.28
		For Cement Mortar Lining (CML), Add	*17.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	346.02	84.79
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	626.01	95.09
		For Cement Mortar Lining (CML), Add	*48.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	692.50	108.67
		For Cement Mortar Lining (CML), Add	*52.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.59*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,004.83	152.14
		For Cement Mortar Lining (CML), Add	*77.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,072.67	190.17
		For Cement Mortar Lining (CML), Add	*78.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,430.09	253.23
		For Cement Mortar Lining (CML), Add	*104.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0064	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	107.33	31.00
		For Cement Mortar Lining (CML), Add	*6.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	130.93	37.05
		For Cement Mortar Lining (CML), Add	*7.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	207.01	54.76
		For Cement Mortar Lining (CML), Add	*12.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	276.10	64.95
		For Cement Mortar Lining (CML), Add	*17.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0068	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	388.30	72.28
		For Cement Mortar Lining (CML), Add	*27.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	493.07	84.79
		For Cement Mortar Lining (CML), Add	*36.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	822.36	95.09
		For Cement Mortar Lining (CML), Add	*67.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*122.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,239.05	108.67
		For Cement Mortar Lining (CML), Add	*107.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,451.08	152.14
		For Cement Mortar Lining (CML), Add	*122.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*219.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.55*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0073	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,963.47	190.17
		For Cement Mortar Lining (CML), Add	*167.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*301.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,396.54	253.23
		For Cement Mortar Lining (CML), Add	*201.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*362.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0076	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	99.68	31.00
		For Cement Mortar Lining (CML), Add	*5.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	110.53	37.05
		For Cement Mortar Lining (CML), Add	*5.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	175.56	54.76
		For Cement Mortar Lining (CML), Add	*9.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	247.20	64.95
		For Cement Mortar Lining (CML), Add	*14.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	330.50	72.28
		For Cement Mortar Lining (CML), Add	*22.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	442.92	84.79
		For Cement Mortar Lining (CML), Add	*31.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	733.11	95.09
		For Cement Mortar Lining (CML), Add	*58.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,098.80	108.67
		For Cement Mortar Lining (CML), Add	*93.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*168.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,309.13	152.14
		For Cement Mortar Lining (CML), Add	*107.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*194.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,696.57	190.17
		For Cement Mortar Lining (CML), Add	*140.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*253.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0086	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,138.99	253.23
		For Cement Mortar Lining (CML), Add	*175.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*315.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087		Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*		
33 14 13 13-0088	EA	3" x 3" Mechanical Joint Ductile Iron Tee	169.08	46.52
		For Cement Mortar Lining (CML), Add	*9.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	4" x 3" Mechanical Joint Ductile Iron Tee	177.37	51.99
		For Cement Mortar Lining (CML), Add	*9.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	4" x 4" Mechanical Joint Ductile Iron Tee	165.36	54.76
		For Cement Mortar Lining (CML), Add	*8.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 3" Mechanical Joint Ductile Iron Tee	218.41	68.97
		For Cement Mortar Lining (CML), Add	*11.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	6" x 4" Mechanical Joint Ductile Iron Tee	247.37	71.83
		For Cement Mortar Lining (CML), Add	*13.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	6" x 6" Mechanical Joint Ductile Iron Tee	270.52	80.41
		For Cement Mortar Lining (CML), Add	*14.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	8" x 4" Mechanical Joint Ductile Iron Tee	286.75	83.23
		For Cement Mortar Lining (CML), Add	*16.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	8" x 6" Mechanical Joint Ductile Iron Tee	324.36	91.78
		For Cement Mortar Lining (CML), Add	*18.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	8" x 8" Mechanical Joint Ductile Iron Tee	371.25	97.51
		For Cement Mortar Lining (CML), Add	*22.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097	EA	10" x 4" Mechanical Joint Ductile Iron Tee	382.61	89.84
		For Cement Mortar Lining (CML), Add	*24.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0098	EA	10" x 6" Mechanical Joint Ductile Iron Tee	387.31	97.98
		For Cement Mortar Lining (CML), Add	*23.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.91*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0099	EA	10" x 8" Mechanical Joint Ductile Iron Tee	436.35	103.42
		For Cement Mortar Lining (CML), Add	*27.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	10" x 10" Mechanical Joint Ductile Iron Tee	484.25	108.67
		For Cement Mortar Lining (CML), Add	*31.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	12" x 4" Mechanical Joint Ductile Iron Tee	454.33	100.70
		For Cement Mortar Lining (CML), Add	*30.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	12" x 6" Mechanical Joint Ductile Iron Tee	513.41	108.84
		For Cement Mortar Lining (CML), Add	*34.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*62.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" x 8" Mechanical Joint Ductile Iron Tee	621.10	114.28
		For Cement Mortar Lining (CML), Add	*44.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	12" x 10" Mechanical Joint Ductile Iron Tee	663.91	119.54
		For Cement Mortar Lining (CML), Add	*48.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee	635.59	124.97
		For Cement Mortar Lining (CML), Add	*44.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee	674.96	126.83
		For Cement Mortar Lining (CML), Add	*48.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee	746.95	132.27
		For Cement Mortar Lining (CML), Add	*54.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee	938.51	137.52
		For Cement Mortar Lining (CML), Add	*73.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee	1,001.14	142.95
		For Cement Mortar Lining (CML), Add	*78.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee	973.12	151.98
		For Cement Mortar Lining (CML), Add	*74.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee	853.48	152.13
		For Cement Mortar Lining (CML), Add	*62.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*112.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.73*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee	915.34	157.58
		For Cement Mortar Lining (CML), Add	*67.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee	1,055.90	162.82
		For Cement Mortar Lining (CML), Add	*80.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee	1,150.83	168.25
		For Cement Mortar Lining (CML), Add	*89.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*161.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee	1,372.71	177.25
		For Cement Mortar Lining (CML), Add	*110.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*198.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	16" x 16" Mechanical Joint Ductile Iron Tee	1,308.57	189.92
		For Cement Mortar Lining (CML), Add	*102.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*183.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	18" x 6" Mechanical Joint Ductile Iron Tee	1,177.30	194.70
		For Cement Mortar Lining (CML), Add	*88.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*158.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	18" x 8" Mechanical Joint Ductile Iron Tee	1,258.64	200.13
		For Cement Mortar Lining (CML), Add	*95.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	18" x 10" Mechanical Joint Ductile Iron Tee	1,356.69	205.38
		For Cement Mortar Lining (CML), Add	*104.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	18" x 12" Mechanical Joint Ductile Iron Tee	1,454.17	210.82
		For Cement Mortar Lining (CML), Add	*113.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	18" x 14" Mechanical Joint Ductile Iron Tee	1,497.55	219.81
		For Cement Mortar Lining (CML), Add	*116.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*209.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	18" x 16" Mechanical Joint Ductile Iron Tee	1,597.47	232.47
		For Cement Mortar Lining (CML), Add	*124.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*224.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	18" x 18" Mechanical Joint Ductile Iron Tee	1,861.76	253.73
		For Cement Mortar Lining (CML), Add	*147.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*265.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	20" x 6" Mechanical Joint Ductile Iron Tee	1,415.83	279.20
		For Cement Mortar Lining (CML), Add	*99.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*178.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.46*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0125	EA	20" x 8" Mechanical Joint Ductile Iron Tee	1,446.18	284.64
		For Cement Mortar Lining (CML), Add	*101.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	20" x 10" Mechanical Joint Ductile Iron Tee	1,565.47	289.89
		For Cement Mortar Lining (CML), Add	*112.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*202.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	20" x 12" Mechanical Joint Ductile Iron Tee	1,684.21	295.32
		For Cement Mortar Lining (CML), Add	*123.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*222.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*92.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	20" x 14" Mechanical Joint Ductile Iron Tee	1,707.18	304.31
		For Cement Mortar Lining (CML), Add	*124.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*224.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	20" x 16" Mechanical Joint Ductile Iron Tee	1,736.55	316.96
		For Cement Mortar Lining (CML), Add	*125.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*226.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	20" x 18" Mechanical Joint Ductile Iron Tee	2,153.00	338.24
		For Cement Mortar Lining (CML), Add	*164.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*295.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee	1,938.21	380.51
		For Cement Mortar Lining (CML), Add	*136.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*245.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee	1,744.92	363.44
		For Cement Mortar Lining (CML), Add	*119.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*214.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee	1,768.46	369.40
		For Cement Mortar Lining (CML), Add	*120.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*217.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee	1,932.82	374.13
		For Cement Mortar Lining (CML), Add	*136.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*245.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*102.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	24" x 12" Mechanical Joint Ductile Iron Tee	1,979.29	379.56
		For Cement Mortar Lining (CML), Add	*140.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*252.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 14" Mechanical Joint Ductile Iron Tee	2,208.81	388.56
		For Cement Mortar Lining (CML), Add	*162.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*291.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 16" Mechanical Joint Ductile Iron Tee	2,376.73	401.20
		For Cement Mortar Lining (CML), Add	*176.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*318.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.66*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0138	EA	24" x 18" Mechanical Joint Ductile Iron Tee	2,684.38	422.49
		For Cement Mortar Lining (CML), Add	*204.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*367.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0139	EA	24" x 20" Mechanical Joint Ductile Iron Tee	2,973.65	464.74
		For Cement Mortar Lining (CML), Add	*226.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*408.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*170.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	24" x 24" Mechanical Joint Ductile Iron Tee	2,789.27	506.88
		For Cement Mortar Lining (CML), Add	*202.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*363.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*151.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0141		Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*		
33 14 13 13-0142	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	151.02	51.99
		For Cement Mortar Lining (CML), Add	*7.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	218.06	54.72
		For Cement Mortar Lining (CML), Add	*13.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	218.41	68.97
		For Cement Mortar Lining (CML), Add	*11.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	248.22	71.83
		For Cement Mortar Lining (CML), Add	*13.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	325.77	80.36
		For Cement Mortar Lining (CML), Add	*20.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	407.45	83.23
		For Cement Mortar Lining (CML), Add	*28.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	374.51	91.78
		For Cement Mortar Lining (CML), Add	*23.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	445.20	97.48
		For Cement Mortar Lining (CML), Add	*29.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	609.56	89.84
		For Cement Mortar Lining (CML), Add	*47.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.51*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0151	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	646.56	97.98
		For Cement Mortar Lining (CML), Add	*49.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	738.10	103.42
		For Cement Mortar Lining (CML), Add	*58.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	826.80	108.67
		For Cement Mortar Lining (CML), Add	*66.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*119.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	770.53	100.70
		For Cement Mortar Lining (CML), Add	*61.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*111.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	868.71	108.84
		For Cement Mortar Lining (CML), Add	*70.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,037.60	114.28
		For Cement Mortar Lining (CML), Add	*86.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*155.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,068.51	119.54
		For Cement Mortar Lining (CML), Add	*88.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*159.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	977.29	124.97
		For Cement Mortar Lining (CML), Add	*78.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,140.76	126.83
		For Cement Mortar Lining (CML), Add	*94.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*170.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,298.60	132.27
		For Cement Mortar Lining (CML), Add	*109.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,676.31	137.52
		For Cement Mortar Lining (CML), Add	*146.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,793.34	142.95
		For Cement Mortar Lining (CML), Add	*157.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*283.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*118.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	1,759.37	151.94
		For Cement Mortar Lining (CML), Add	*152.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*275.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,184.20	152.13
		For Cement Mortar Lining (CML), Add	*95.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,297.84	157.58
		For Cement Mortar Lining (CML), Add	*105.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*190.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,517.45	162.82
		For Cement Mortar Lining (CML), Add	*127.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*228.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,689.73	168.25
		For Cement Mortar Lining (CML), Add	*143.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*258.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,096.06	177.25
		For Cement Mortar Lining (CML), Add	*182.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*328.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	2,031.92	189.89
		For Cement Mortar Lining (CML), Add	*174.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*313.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*130.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,839.45	194.70
		For Cement Mortar Lining (CML), Add	*154.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*278.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,975.19	200.13
		For Cement Mortar Lining (CML), Add	*167.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*300.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0172	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,106.39	205.38
		For Cement Mortar Lining (CML), Add	*179.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*323.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*134.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,248.92	210.82
		For Cement Mortar Lining (CML), Add	*192.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*347.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,277.85	219.81
		For Cement Mortar Lining (CML), Add	*194.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*350.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	2,307.22	232.47
		For Cement Mortar Lining (CML), Add	*195.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*351.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	2,133.76	253.74
		For Cement Mortar Lining (CML), Add	*174.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*314.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.20*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0177	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,209.73	279.20
		For Cement Mortar Lining (CML), Add	*178.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*321.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*134.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,257.93	284.64
		For Cement Mortar Lining (CML), Add	*182.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*328.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,466.47	289.89
		For Cement Mortar Lining (CML), Add	*202.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*364.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*152.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,673.61	295.32
		For Cement Mortar Lining (CML), Add	*222.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*400.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*166.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,704.23	304.31
		For Cement Mortar Lining (CML), Add	*224.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*403.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*168.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	2,741.25	316.96
		For Cement Mortar Lining (CML), Add	*226.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*406.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	3,159.40	338.24
		For Cement Mortar Lining (CML), Add	*264.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*476.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*198.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	3,027.91	380.49
		For Cement Mortar Lining (CML), Add	*245.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*441.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,700.32	363.44
		For Cement Mortar Lining (CML), Add	*214.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*386.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*161.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,735.76	368.88
		For Cement Mortar Lining (CML), Add	*217.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*391.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*163.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,025.07	374.13
		For Cement Mortar Lining (CML), Add	*245.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*442.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*184.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,159.09	379.56
		For Cement Mortar Lining (CML), Add	*258.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*465.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,618.11	388.56
		For Cement Mortar Lining (CML), Add	*302.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*545.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*227.21*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0190	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,001.93	401.20
		For Cement Mortar Lining (CML), Add	*339.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*610.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*254.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,462.58	422.49
		For Cement Mortar Lining (CML), Add	*382.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*688.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*286.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	4,903.15	464.74
		For Cement Mortar Lining (CML), Add	*419.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*755.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*314.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	4,405.97	506.86
		For Cement Mortar Lining (CML), Add	*363.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*654.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*272.85*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0194 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*

33 14 13 13-0195	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	293.47	80.41
		For Cement Mortar Lining (CML), Add	*17.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.88*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*12.88*	
33 14 13 13-0196	EA	8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	346.46	91.78
		For Cement Mortar Lining (CML), Add	*20.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.56*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*15.56*	
33 14 13 13-0197	EA	10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	502.06	97.98
		For Cement Mortar Lining (CML), Add	*35.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.52*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*26.52*	
33 14 13 13-0198	EA	12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	563.56	108.84
		For Cement Mortar Lining (CML), Add	*39.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.90*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*29.90*	
33 14 13 13-0199	EA	14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	756.56	126.83
		For Cement Mortar Lining (CML), Add	*56.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.33*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*42.33*	
33 14 13 13-0200	EA	16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	960.65	152.13
		For Cement Mortar Lining (CML), Add	*73.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.76*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*54.76*	
33 14 13 13-0201	EA	18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,184.10	194.70
		For Cement Mortar Lining (CML), Add	*88.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*160.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.68*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*66.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0202	EA	20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,663.18	279.20
		For Cement Mortar Lining (CML), Add	*124.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*223.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.01*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*93.01*	
33 14 13 13-0203	EA	24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,945.52	363.44
		For Cement Mortar Lining (CML), Add	*142.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*255.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.59*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*106.59*	
33 14 13 13-0204	EA	30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,659.71	423.31
		For Cement Mortar Lining (CML), Add	*301.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*543.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*226.38*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*226.38*	

33 14 13 13-0205 Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*

33 14 13 13-0206	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	267.97	80.41
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*14.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.97*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*10.97*	
33 14 13 13-0207	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	312.46	91.78
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*17.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.01*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*13.01*	
33 14 13 13-0208	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	427.26	97.98
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*27.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.91*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*20.91*	
33 14 13 13-0209	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	521.91	108.84
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*35.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*64.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.78*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*26.78*	
33 14 13 13-0210	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	651.16	126.83
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*45.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.43*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*34.43*	
33 14 13 13-0211	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	817.85	152.13
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*58.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.05*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*44.05*	
33 14 13 13-0212	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,055.75	194.70
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*76.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*136.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.06*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*57.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0213	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland.	1,189.73	279.20
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*76.67*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*138.01*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*57.50*	
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*57.50*	
33 14 13 13-0214	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland.	1,628.47	363.44
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*110.42*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*198.75*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*82.81*	
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*82.81*	
33 14 13 13-0215		**Mechanical Joint Ductile Iron Cross** *(33 14 13 13-0002)*		
33 14 13 13-0216	EA	3" x 3" Mechanical Joint Ductile Iron Cross	203.62	62.02
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*10.97*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*19.74*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*8.22*	
33 14 13 13-0217	EA	4" x 3" Mechanical Joint Ductile Iron Cross	242.51	67.49
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*14.03*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*25.25*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*10.52*	
33 14 13 13-0218	EA	4" x 4" Mechanical Joint Ductile Iron Cross	281.30	68.40
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*17.77*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*31.98*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*13.32*	
33 14 13 13-0219	EA	6" x 3" Mechanical Joint Ductile Iron Cross	337.27	84.55
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*20.91*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*37.64*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*15.68*	
33 14 13 13-0220	EA	6" x 4" Mechanical Joint Ductile Iron Cross	331.99	91.20
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*19.38*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*34.88*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*14.54*	
33 14 13 13-0221	EA	6" x 6" Mechanical Joint Ductile Iron Cross	390.34	114.00
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*21.76*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*39.17*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*16.32*	
33 14 13 13-0222	EA	8" x 4" Mechanical Joint Ductile Iron Cross	344.11	99.76
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*19.30*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*34.73*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*14.47*	
33 14 13 13-0223	EA	8" x 6" Mechanical Joint Ductile Iron Cross	410.95	122.56
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*22.53*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*40.55*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*16.89*	
33 14 13 13-0224	EA	8" x 8" Mechanical Joint Ductile Iron Cross	435.82	131.11
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*23.72*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*42.69*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*17.79*	
33 14 13 13-0225	EA	10" x 4" Mechanical Joint Ductile Iron Cross	410.78	105.07
		For Cement Mortar Lining (CML), Add *Note: ANSI/AWWA C104/A21.4*	*25.16*	
		For Fusion Bonded Epoxy Lining (206N), Add *Note: ANSI/AWWA C104/A21.4*	*45.29*	
		For Bituminous Or Coal Tar Coating, 1 Mil, Add *Note: ANSI/AWWA C151/A21.51*	*18.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0226	EA	10" x 6" Mechanical Joint Ductile Iron Cross	474.32	126.80
		For Cement Mortar Lining (CML), Add	*28.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	10" x 8" Mechanical Joint Ductile Iron Cross	554.68	134.96
		For Cement Mortar Lining (CML), Add	*35.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	10" x 10" Mechanical Joint Ductile Iron Cross	599.52	144.89
		For Cement Mortar Lining (CML), Add	*38.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	12 x 4" Mechanical Joint Ductile Iron Cross	490.78	114.10
		For Cement Mortar Lining (CML), Add	*31.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	12" x 6" Mechanical Joint Ductile Iron Cross	572.17	135.84
		For Cement Mortar Lining (CML), Add	*36.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*65.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	12" x 8" Mechanical Joint Ductile Iron Cross	796.18	144.00
		For Cement Mortar Lining (CML), Add	*57.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	12" x 10" Mechanical Joint Ductile Iron Cross	811.28	153.96
		For Cement Mortar Lining (CML), Add	*57.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	12" x 12" Mechanical Joint Ductile Iron Cross	914.23	163.00
		For Cement Mortar Lining (CML), Add	*66.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	14" x 6" Mechanical Joint Ductile Iron Cross	926.79	149.41
		For Cement Mortar Lining (CML), Add	*70.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*126.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	14" x 8" Mechanical Joint Ductile Iron Cross	1,080.24	157.58
		For Cement Mortar Lining (CML), Add	*84.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*151.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	14" x 10" Mechanical Joint Ductile Iron Cross	1,112.35	167.54
		For Cement Mortar Lining (CML), Add	*85.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*154.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	14" x 12" Mechanical Joint Ductile Iron Cross	1,173.65	176.58
		For Cement Mortar Lining (CML), Add	*90.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*163.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	14" x 14" Mechanical Joint Ductile Iron Cross	1,295.37	190.17
		For Cement Mortar Lining (CML), Add	*100.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*181.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.54*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0239	EA	16" x 6" Mechanical Joint Ductile Iron Cross	1,058.44	168.42
		For Cement Mortar Lining (CML), Add	*80.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	16" x 8" Mechanical Joint Ductile Iron Cross	1,195.74	176.58
		For Cement Mortar Lining (CML), Add	*92.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*167.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	16" x 10" Mechanical Joint Ductile Iron Cross	1,417.04	186.54
		For Cement Mortar Lining (CML), Add	*113.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	16" x 12" Mechanical Joint Ductile Iron Cross	1,572.20	195.59
		For Cement Mortar Lining (CML), Add	*127.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*229.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	16" x 14" Mechanical Joint Ductile Iron Cross	1,883.47	209.17
		For Cement Mortar Lining (CML), Add	*156.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*281.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244	EA	16" x 16" Mechanical Joint Ductile Iron Cross	2,195.31	228.21
		For Cement Mortar Lining (CML), Add	*184.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*332.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245	EA	18" x 6" Mechanical Joint Ductile Iron Cross	1,705.09	199.16
		For Cement Mortar Lining (CML), Add	*140.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*252.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0246	EA	18" x 8" Mechanical Joint Ductile Iron Cross	1,800.75	207.31
		For Cement Mortar Lining (CML), Add	*148.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*267.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*111.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	18" x 10" Mechanical Joint Ductile Iron Cross	1,885.55	217.27
		For Cement Mortar Lining (CML), Add	*155.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*280.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0248	EA	18" x 12" Mechanical Joint Ductile Iron Cross	2,038.65	226.32
		For Cement Mortar Lining (CML), Add	*169.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*305.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249	EA	18" x 14" Mechanical Joint Ductile Iron Cross	2,364.37	239.90
		For Cement Mortar Lining (CML), Add	*200.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*360.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	18" x 16" Mechanical Joint Ductile Iron Cross	2,518.97	258.90
		For Cement Mortar Lining (CML), Add	*212.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*382.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*159.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	18" x 18" Mechanical Joint Ductile Iron Cross	2,648.84	289.62
		For Cement Mortar Lining (CML), Add	*221.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*397.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.75*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0252	EA	20" x 6" Mechanical Joint Ductile Iron Cross	2,143.21	249.88
		For Cement Mortar Lining (CML), Add	*176.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*317.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	20" x 8" Mechanical Joint Ductile Iron Cross	2,239.71	258.03
		For Cement Mortar Lining (CML), Add	*184.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*332.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	20" x 10" Mechanical Joint Ductile Iron Cross	2,310.06	268.00
		For Cement Mortar Lining (CML), Add	*190.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*342.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	20" x 12" Mechanical Joint Ductile Iron Cross	2,462.32	277.04
		For Cement Mortar Lining (CML), Add	*204.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*367.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	20" x 14" Mechanical Joint Ductile Iron Cross	2,510.94	290.62
		For Cement Mortar Lining (CML), Add	*207.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*372.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*155.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	20" x 16" Mechanical Joint Ductile Iron Cross	3,012.34	309.63
		For Cement Mortar Lining (CML), Add	*254.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*457.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*190.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	20" x 18" Mechanical Joint Ductile Iron Cross	3,142.20	340.36
		For Cement Mortar Lining (CML), Add	*262.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*472.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*196.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	20" x 20" Mechanical Joint Ductile Iron Cross	3,413.70	391.05
		For Cement Mortar Lining (CML), Add	*282.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*507.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	24" x 6" Mechanical Joint Ductile Iron Cross	2,905.46	312.59
		For Cement Mortar Lining (CML), Add	*243.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*437.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*182.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	24" x 8" Mechanical Joint Ductile Iron Cross	2,974.16	320.74
		For Cement Mortar Lining (CML), Add	*248.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*447.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*186.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	24" x 10" Mechanical Joint Ductile Iron Cross	3,085.92	330.70
		For Cement Mortar Lining (CML), Add	*258.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*465.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	24" x 12" Mechanical Joint Ductile Iron Cross	3,182.92	339.75
		For Cement Mortar Lining (CML), Add	*266.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*480.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	24" x 14" Mechanical Joint Ductile Iron Cross	3,245.14	353.33
		For Cement Mortar Lining (CML), Add	*270.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*487.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*203.24*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0265	EA	24" x 16" Mechanical Joint Ductile Iron Cross	3,371.69	372.34
		For Cement Mortar Lining (CML), Add	*280.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*505.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	24" x 18" Mechanical Joint Ductile Iron Cross	4,405.10	403.06
		For Cement Mortar Lining (CML), Add	*379.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*682.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*284.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	24" x 20" Mechanical Joint Ductile Iron Cross	4,662.16	453.79
		For Cement Mortar Lining (CML), Add	*397.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*715.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*298.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	24" x 24" Mechanical Joint Ductile Iron Cross	5,146.46	516.52
		For Cement Mortar Lining (CML), Add	*436.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*785.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*327.29*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0269 Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0002)*

33 14 13 13-0270	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	100.43	33.74
		For Cement Mortar Lining (CML), Add	*4.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	118.48	42.30
		For Cement Mortar Lining (CML), Add	*5.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0272	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	127.73	45.04
		For Cement Mortar Lining (CML), Add	*5.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	158.56	50.74
		For Cement Mortar Lining (CML), Add	*8.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	176.53	59.28
		For Cement Mortar Lining (CML), Add	*8.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	187.48	53.61
		For Cement Mortar Lining (CML), Add	*10.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	205.77	61.76
		For Cement Mortar Lining (CML), Add	*11.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	225.06	67.19
		For Cement Mortar Lining (CML), Add	*12.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.24*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0278	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	223.75	59.04
		For Cement Mortar Lining (CML), Add	*13.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	249.70	67.19
		For Cement Mortar Lining (CML), Add	*14.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	262.19	72.63
		For Cement Mortar Lining (CML), Add	*15.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	286.30	77.88
		For Cement Mortar Lining (CML), Add	*16.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0282	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	443.53	76.18
		For Cement Mortar Lining (CML), Add	*32.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	434.77	81.63
		For Cement Mortar Lining (CML), Add	*31.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	396.83	86.87
		For Cement Mortar Lining (CML), Add	*26.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	417.81	92.30
		For Cement Mortar Lining (CML), Add	*27.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	520.50	88.83
		For Cement Mortar Lining (CML), Add	*38.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*69.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0287	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	514.29	94.27
		For Cement Mortar Lining (CML), Add	*37.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	508.64	99.52
		For Cement Mortar Lining (CML), Add	*35.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*64.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	550.02	104.96
		For Cement Mortar Lining (CML), Add	*39.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	610.39	113.95
		For Cement Mortar Lining (CML), Add	*43.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.83*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0291	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	651.94	115.56
		For Cement Mortar Lining (CML), Add	*47.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	726.18	120.81
		For Cement Mortar Lining (CML), Add	*54.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	705.52	126.23
		For Cement Mortar Lining (CML), Add	*51.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	748.89	135.23
		For Cement Mortar Lining (CML), Add	*54.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*97.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*40.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0295	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	791.86	147.88
		For Cement Mortar Lining (CML), Add	*56.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0296	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	917.39	157.81
		For Cement Mortar Lining (CML), Add	*67.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*122.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0297	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	886.25	163.06
		For Cement Mortar Lining (CML), Add	*63.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*115.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0298	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	827.33	168.49
		For Cement Mortar Lining (CML), Add	*57.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0299	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	836.71	177.48
		For Cement Mortar Lining (CML), Add	*56.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*102.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0300	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	867.78	190.13
		For Cement Mortar Lining (CML), Add	*57.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0301	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,031.77	211.41
		For Cement Mortar Lining (CML), Add	*71.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0302	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,195.45	210.61
		For Cement Mortar Lining (CML), Add	*87.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0303	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,231.18	219.61
		For Cement Mortar Lining (CML), Add	*89.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*161.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0304	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,262.24	232.25
		For Cement Mortar Lining (CML), Add	*91.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*163.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0305	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,254.54	253.53
		For Cement Mortar Lining (CML), Add	*87.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0306	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,525.95	295.79
		For Cement Mortar Lining (CML), Add	*107.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*194.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.84*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0307 Mechanical Joint Ductile Iron Caps *(33 14 13 13-0002)*

33 14 13 13-0308	EA	3" Mechanical Joint Ductile Iron Caps	130.06	71.26
		For Cement Mortar Lining (CML), Add	*2.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*3.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309	EA	4" Mechanical Joint Ductile Iron Caps	149.62	83.60
		For Cement Mortar Lining (CML), Add	*2.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310	EA	6" Mechanical Joint Ductile Iron Caps	199.14	104.51
		For Cement Mortar Lining (CML), Add	*4.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*7.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311	EA	8" Mechanical Joint Ductile Iron Caps	248.96	119.44
		For Cement Mortar Lining (CML), Add	*6.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	10" Mechanical Joint Ductile Iron Caps	360.27	181.11
		For Cement Mortar Lining (CML), Add	*8.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	12" Mechanical Joint Ductile Iron Caps	427.72	197.59
		For Cement Mortar Lining (CML), Add	*12.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	14" Mechanical Joint Ductile Iron Caps	523.95	217.34
		For Cement Mortar Lining (CML), Add	*19.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	16" Mechanical Joint Ductile Iron Caps	626.84	241.46
		For Cement Mortar Lining (CML), Add	*26.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	18" Mechanical Joint Ductile Iron Caps	730.38	271.67
		For Cement Mortar Lining (CML), Add	*31.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.91*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0317	EA	20" Mechanical Joint Ductile Iron Caps	882.69	310.45
		For Cement Mortar Lining (CML), Add	*41.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	24" Mechanical Joint Ductile Iron Caps	1,114.94	362.24
		For Cement Mortar Lining (CML), Add	*56.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0319		Mechanical Joint Ductile Iron Plug *(33 14 13 13-0002)*		
33 14 13 13-0320	EA	3" Mechanical Joint Ductile Iron Plug	133.46	71.26
		For Cement Mortar Lining (CML), Add	*2.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*4.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321	EA	4" Mechanical Joint Ductile Iron Plug	154.72	83.60
		For Cement Mortar Lining (CML), Add	*2.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322	EA	6" Mechanical Joint Ductile Iron Plug	212.74	104.51
		For Cement Mortar Lining (CML), Add	*5.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323	EA	8" Mechanical Joint Ductile Iron Plug	262.56	119.44
		For Cement Mortar Lining (CML), Add	*8.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	10" Mechanical Joint Ductile Iron Plug	415.52	181.11
		For Cement Mortar Lining (CML), Add	*14.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	12" Mechanical Joint Ductile Iron Plug	443.02	197.59
		For Cement Mortar Lining (CML), Add	*14.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	14" Mechanical Joint Ductile Iron Plug	621.70	217.34
		For Cement Mortar Lining (CML), Add	*29.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	16" Mechanical Joint Ductile Iron Plug	403.29	241.46
		For Cement Mortar Lining (CML), Add	*3.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	18" Mechanical Joint Ductile Iron Plug	875.73	271.67
		For Cement Mortar Lining (CML), Add	*46.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329	EA	20" Mechanical Joint Ductile Iron Plug	1,080.74	310.45
		For Cement Mortar Lining (CML), Add	*61.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.77*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0330	EA	24" Mechanical Joint Ductile Iron Plug	1,395.44	362.24
		For Cement Mortar Lining (CML), Add	*84.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*152.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0331		Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*		
33 14 13 13-0332	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	219.35	108.31
		For Cement Mortar Lining (CML), Add	*5.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	249.51	125.41
		For Cement Mortar Lining (CML), Add	*5.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0334	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	319.96	156.76
		For Cement Mortar Lining (CML), Add	*8.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0335	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	396.38	179.13
		For Cement Mortar Lining (CML), Add	*12.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	629.23	271.67
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	727.85	296.38
		For Cement Mortar Lining (CML), Add	*27.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	936.80	326.01
		For Cement Mortar Lining (CML), Add	*44.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*79.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,054.59	362.24
		For Cement Mortar Lining (CML), Add	*50.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*91.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,390.94	407.51
		For Cement Mortar Lining (CML), Add	*77.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,627.05	465.72
		For Cement Mortar Lining (CML), Add	*92.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,958.01	543.35
		For Cement Mortar Lining (CML), Add	*113.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*204.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0343		Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0344	EA	3" Mechanical Joint Ductile Iron Long Sleeves	210.85	108.31
		For Cement Mortar Lining (CML), Add	*4.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	4" Mechanical Joint Ductile Iron Long Sleeves	245.26	125.41
		For Cement Mortar Lining (CML), Add	*5.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	6" Mechanical Joint Ductile Iron Long Sleeves	330.16	156.76
		For Cement Mortar Lining (CML), Add	*9.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	8" Mechanical Joint Ductile Iron Long Sleeves	423.58	179.13
		For Cement Mortar Lining (CML), Add	*15.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0348	EA	10" Mechanical Joint Ductile Iron Long Sleeves	592.68	271.67
		For Cement Mortar Lining (CML), Add	*18.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349	EA	12" Mechanical Joint Ductile Iron Long Sleeves	693.85	296.38
		For Cement Mortar Lining (CML), Add	*24.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350	EA	14" Mechanical Joint Ductile Iron Long Sleeves	863.70	326.01
		For Cement Mortar Lining (CML), Add	*36.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,017.19	362.24
		For Cement Mortar Lining (CML), Add	*46.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352	EA	18" Mechanical Joint Ductile Iron Long Sleeves	1,216.69	407.51
		For Cement Mortar Lining (CML), Add	*59.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*107.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0353	EA	20" Mechanical Joint Ductile Iron Long Sleeves	1,429.00	465.72
		For Cement Mortar Lining (CML), Add	*72.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*130.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354	EA	24" Mechanical Joint Ductile Iron Long Sleeves	1,776.11	543.35
		For Cement Mortar Lining (CML), Add	*95.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.46*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0355 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0356 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0355)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0357	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	17.00
33 14 13 13-0358	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	21.97
		Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	
33 14 13 13-0359	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	26.55
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	
33 14 13 13-0360	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	31.12
		Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0361	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	43.03	
33 14 13 13-0362	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	45.77	
33 14 13 13-0363	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	75.07	
33 14 13 13-0364	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	79.64	
33 14 13 13-0365	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	106.19	
33 14 13 13-0366	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	137.32	
33 14 13 13-0367	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	191.33	
33 14 13 13-0368		Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts *(33 14 13 13-0355)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0369	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	28.90	
33 14 13 13-0370	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	31.12	
33 14 13 13-0371	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	39.36	
33 14 13 13-0372	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	43.03	
33 14 13 13-0373	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	59.50	
33 14 13 13-0374	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	62.25	
33 14 13 13-0375	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	94.29	
33 14 13 13-0376	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	103.44	
33 14 13 13-0377	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	137.32	
33 14 13 13-0378	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	177.60	
33 14 13 13-0379	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	248.08	
33 14 13 13-0380		Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0355)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0381	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	18.70	
33 14 13 13-0382	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	23.80	
33 14 13 13-0383	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	28.38	
33 14 13 13-0384	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	33.87	
33 14 13 13-0385	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	46.69	
33 14 13 13-0386	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	49.43	
33 14 13 13-0387	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	81.47	
33 14 13 13-0388	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	86.05	
33 14 13 13-0389	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	116.26	
33 14 13 13-0390	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	149.22	
33 14 13 13-0391	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	208.72	
33 14 13 13-0392		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0393	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	129.97	54.32
33 14 13 13-0394	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	149.28	64.34
33 14 13 13-0395	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	185.12	79.63
33 14 13 13-0396	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	228.27	92.93
33 14 13 13-0397	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	330.88	135.84
33 14 13 13-0398	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	402.86	155.26
33 14 13 13-0399	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	463.47	167.12
33 14 13 13-0400	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	560.87	181.11
33 14 13 13-0401	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	713.46	217.34
33 14 13 13-0402	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	835.86	241.38
33 14 13 13-0403	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,071.00	278.50
33 14 13 13-0404		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0405	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	2,314.55	44.47
33 14 13 13-0406	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	2,413.79	55.57
33 14 13 13-0407	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	3,502.81	82.14
33 14 13 13-0408	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,755.03	97.42
33 14 13 13-0409	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	5,988.38	108.43
33 14 13 13-0410	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	7,980.12	127.19
33 14 13 13-0411	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,824.85	142.63
33 14 13 13-0412	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	11,620.95	163.00
33 14 13 13-0413	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	13,119.65	228.21
33 14 13 13-0414	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	17,641.21	285.26
33 14 13 13-0415	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	24,437.88	380.35

33 14 13 13-0416 Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)*

Note: Includes machined bolts and gasket.

33 14 13 13-0417	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	129.20	54.32
33 14 13 13-0418	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	163.56	64.34
33 14 13 13-0419	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	209.88	79.63
33 14 13 13-0420	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	240.41	92.93
33 14 13 13-0421	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	413.40	142.50
33 14 13 13-0422	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	468.52	162.88

33 14 13 13-0423 Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) *(33 14 13 13-0002)*

Note: Includes nuts, bolts and gasket.

33 14 13 13-0424	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	177.71	54.32
33 14 13 13-0425	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	219.69	64.34
33 14 13 13-0426	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	300.12	79.63
33 14 13 13-0427	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	424.41	92.93
33 14 13 13-0428	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	618.26	142.50
33 14 13 13-0429	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	762.57	162.88
33 14 13 13-0430	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	1,142.65	175.33
33 14 13 13-0431	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	1,577.54	190.01
33 14 13 13-0432	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	1,789.91	228.01
33 14 13 13-0433	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	1,977.79	253.22
33 14 13 13-0434	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	2,386.58	292.18
33 14 13 13-0435	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	3,059.55	350.39
33 14 13 13-0436	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	4,533.49	438.48
33 14 13 13-0437	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	11,552.26	505.94
33 14 13 13-0438	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	14,797.94	650.69

33 14 13 13-0439 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: .

33 14 13 13-0440 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0441	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	228.03	31.00
33 14 13 13-0442	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	272.89	37.14
33 14 13 13-0443	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	422.06	54.41
33 14 13 13-0444	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	571.90	64.78
33 14 13 13-0445	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	775.90	72.45
33 14 13 13-0446	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	980.12	84.79
33 14 13 13-0447	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,379.96	95.50
33 14 13 13-0448	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,670.85	108.67
33 14 13 13-0449	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,029.93	152.30
33 14 13 13-0450	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,530.42	190.17
33 14 13 13-0451	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,569.54	253.56

33 14 13 13-0452 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0453	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	218.68	31.00
33 14 13 13-0454	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	256.74	37.14
33 14 13 13-0455	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	394.01	54.41
33 14 13 13-0456	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	528.55	64.78
33 14 13 13-0457	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	684.10	72.45
33 14 13 13-0458	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	897.67	84.79
33 14 13 13-0459	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,203.16	95.50
33 14 13 13-0460	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,437.95	108.67
33 14 13 13-0461	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,712.88	152.30
33 14 13 13-0462	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,082.47	190.17
33 14 13 13-0463	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,745.89	253.56

33 14 13 13-0464 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0465	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	173.63	31.00
33 14 13 13-0466	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	254.19	37.14
33 14 13 13-0467	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	383.81	54.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0468	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	525.15	64.78
33 14 13 13-0469	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	683.25	72.45
33 14 13 13-0470	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	848.37	84.79
33 14 13 13-0471	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,209.96	95.50
33 14 13 13-0472	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,407.35	108.67
33 14 13 13-0473	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,705.23	152.30
33 14 13 13-0474	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,153.02	190.17
33 14 13 13-0475	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,689.79	253.56
33 14 13 13-0476	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,421.08	271.67
33 14 13 13-0477	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,988.84	282.38
33 14 13 13-0478	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	8,529.85	326.01
33 14 13 13-0479	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,885.29	346.59

33 14 13 13-0480 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0481	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	173.63	31.00
33 14 13 13-0482	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	300.94	37.14
33 14 13 13-0483	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	387.21	54.41
33 14 13 13-0484	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	509.85	64.78
33 14 13 13-0485	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	681.55	72.45
33 14 13 13-0486	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	825.42	84.79
33 14 13 13-0487	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,299.21	95.50
33 14 13 13-0488	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,449.00	108.67
33 14 13 13-0489	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,946.63	152.30
33 14 13 13-0490	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,079.92	190.17
33 14 13 13-0491	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,690.64	253.56

33 14 13 13-0492 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0493	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	201.68	31.00
33 14 13 13-0494	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	292.44	37.14
33 14 13 13-0495	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	454.36	54.41
33 14 13 13-0496	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	612.70	64.78
33 14 13 13-0497	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	835.40	72.45
33 14 13 13-0498	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,045.57	84.79
33 14 13 13-0499	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,850.01	95.50
33 14 13 13-0500	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,866.80	108.67
33 14 13 13-0501	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,290.48	152.30
33 14 13 13-0502	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,800.32	190.17
33 14 13 13-0503	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,133.94	253.56

33 14 13 13-0504 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0439)*

33 14 13 13-0505	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	201.68	31.00
33 14 13 13-0506	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	260.13	37.14
33 14 13 13-0507	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	407.61	54.41
33 14 13 13-0508	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	570.20	64.78
33 14 13 13-0509	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	749.55	72.45
33 14 13 13-0510	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	970.77	84.79
33 14 13 13-0511	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,284.76	95.50
33 14 13 13-0512	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,540.80	108.67
33 14 13 13-0513	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,856.98	152.30
33 14 13 13-0514	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,013.22	190.17
33 14 13 13-0515	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,166.64	253.56

33 14 13 13-0516 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0439)*

33 14 13 13-0517	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	285.53	46.52
33 14 13 13-0518	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	312.36	52.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0519	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	329.41	54.41
33 14 13 13-0520	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	464.91	68.97
33 14 13 13-0521	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	502.37	71.68
33 14 13 13-0522	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	532.32	80.32
33 14 13 13-0523	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	614.00	82.91
33 14 13 13-0524	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	665.21	91.55
33 14 13 13-0525	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	729.95	97.59
33 14 13 13-0526	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	813.56	89.74
33 14 13 13-0527	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	816.56	97.97
33 14 13 13-0528	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	883.45	103.73
33 14 13 13-0529	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	951.75	108.67
33 14 13 13-0530	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	975.38	100.44
33 14 13 13-0531	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	987.71	108.67
33 14 13 13-0532	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,066.50	114.43
33 14 13 13-0533	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,223.21	119.38
33 14 13 13-0534	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,228.89	125.13
33 14 13 13-0535	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,384.71	126.78
33 14 13 13-0536	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,495.80	132.54
33 14 13 13-0537	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,803.81	137.49
33 14 13 13-0538	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,902.99	143.24
33 14 13 13-0539	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,772.97	152.30
33 14 13 13-0540	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,656.73	152.30
33 14 13 13-0541	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,744.94	157.24
33 14 13 13-0542	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,080.15	163.00
33 14 13 13-0543	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,959.18	167.95
33 14 13 13-0544	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,534.66	177.00
33 14 13 13-0545	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,308.17	190.17
33 14 13 13-0546	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,172.65	195.11
33 14 13 13-0547	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,288.84	200.05
33 14 13 13-0548	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,435.34	204.99
33 14 13 13-0549	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,571.07	210.75
33 14 13 13-0550	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,643.35	219.81
33 14 13 13-0551	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,823.17	232.16
33 14 13 13-0552	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,148.66	253.56
33 14 13 13-0553	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,525.93	279.08
33 14 13 13-0554	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,569.03	284.85
33 14 13 13-0555	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,811.57	289.78
33 14 13 13-0556	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,945.61	295.55
33 14 13 13-0557	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,977.93	304.61
33 14 13 13-0558	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,948.65	316.95
33 14 13 13-0559	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,735.70	338.36
33 14 13 13-0560	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,231.91	380.35
33 14 13 13-0561	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,078.57	363.06
33 14 13 13-0562	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,108.91	369.64
33 14 13 13-0563	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,164.47	373.76
33 14 13 13-0564	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,245.79	379.52
33 14 13 13-0565	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,669.96	388.58
33 14 13 13-0566	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,825.98	400.93
33 14 13 13-0567	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,672.53	422.34
33 14 13 13-0568	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,838.55	465.14
33 14 13 13-0569	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,575.12	507.13

33 14 13 13-0570 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0439)*

33 14 13 13-0571	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	320.17	51.99
33 14 13 13-0572	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	349.92	51.99
33 14 13 13-0573	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	407.61	54.41
33 14 13 13-0574	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	453.86	68.97
33 14 13 13-0575	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	504.07	71.68
33 14 13 13-0576	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	613.07	80.32
33 14 13 13-0577	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	795.05	82.91
33 14 13 13-0578	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	740.01	91.55
33 14 13 13-0579	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	829.40	97.59
33 14 13 13-0580	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,152.71	89.74
33 14 13 13-0581	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,202.46	97.97
33 14 13 13-0582	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,342.45	103.73
33 14 13 13-0583	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,463.45	108.67
33 14 13 13-0584	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,402.93	100.44
33 14 13 13-0585	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,588.66	108.67
33 14 13 13-0586	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,874.00	114.43
33 14 13 13-0587	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,877.71	119.38
33 14 13 13-0588	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,738.89	125.13
33 14 13 13-0589	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,057.91	126.78
33 14 13 13-0590	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,360.25	132.54
33 14 13 13-0591	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,094.96	137.49
33 14 13 13-0592	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,317.39	143.24
33 14 13 13-0593	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,237.52	152.30
33 14 13 13-0594	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,150.65	152.30
33 14 13 13-0595	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,371.39	157.24
33 14 13 13-0596	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,805.20	163.00
33 14 13 13-0597	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,894.18	167.95
33 14 13 13-0598	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,572.51	177.00
33 14 13 13-0599	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,387.67	190.17
33 14 13 13-0600	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,039.65	195.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0601	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,274.84	200.05
33 14 13 13-0602	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,502.09	204.99
33 14 13 13-0603	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,748.32	210.75
33 14 13 13-0604	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,789.15	219.81
33 14 13 13-0605	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,836.37	232.16
33 14 13 13-0606	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,493.76	253.56
33 14 13 13-0607	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,598.63	279.08
33 14 13 13-0608	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,677.43	284.85
33 14 13 13-0609	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,042.37	289.78
33 14 13 13-0610	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,404.21	295.55
33 14 13 13-0611	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,447.58	304.61
33 14 13 13-0612	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,499.05	316.95
33 14 13 13-0613	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,216.40	338.36
33 14 13 13-0614	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,933.61	380.35
33 14 13 13-0615	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,371.42	363.06
33 14 13 13-0616	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,428.11	368.82
33 14 13 13-0617	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,935.87	373.76
33 14 13 13-0618	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,167.64	379.52
33 14 13 13-0619	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,972.61	388.58
33 14 13 13-0620	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,640.33	400.93
33 14 13 13-0621	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,433.33	422.34
33 14 13 13-0622	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,167.15	465.14
33 14 13 13-0623	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,233.92	507.13

33 14 13 13-0624 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0439)*

33 14 13 13-0625	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	563.77	80.32
33 14 13 13-0626	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	697.51	91.55
33 14 13 13-0627	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	986.56	97.97
33 14 13 13-0628	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,133.91	108.67
33 14 13 13-0629	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,492.66	126.78
33 14 13 13-0630	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,817.45	152.30
33 14 13 13-0631	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,151.40	195.11
33 14 13 13-0632	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,899.08	279.08
33 14 13 13-0633	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,391.37	363.06

33 14 13 13-0634 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0439)*

33 14 13 13-0635	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	322.62	62.02
33 14 13 13-0636	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	398.91	67.49
33 14 13 13-0637	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	492.10	68.23
33 14 13 13-0638	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	526.82	84.59
33 14 13 13-0639	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	613.34	91.55
33 14 13 13-0640	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	682.74	114.00
33 14 13 13-0641	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	652.66	100.18
33 14 13 13-0642	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	771.35	122.64
33 14 13 13-0643	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	767.32	131.28
33 14 13 13-0644	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	762.68	105.38
33 14 13 13-0645	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	858.52	126.78
33 14 13 13-0646	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,013.68	135.01
33 14 13 13-0647	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,097.62	144.89
33 14 13 13-0648	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	971.88	114.43
33 14 13 13-0649	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,126.37	135.84
33 14 13 13-0650	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,221.18	144.07
33 14 13 13-0651	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,419.03	153.95
33 14 13 13-0652	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,615.48	163.00
33 14 13 13-0653	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,662.89	149.01
33 14 13 13-0654	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,964.24	157.24
33 14 13 13-0655	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,014.20	167.95
33 14 13 13-0656	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,125.65	176.18
33 14 13 13-0657	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,353.62	190.17
33 14 13 13-0658	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,861.69	168.77
33 14 13 13-0659	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,123.94	176.18
33 14 13 13-0660	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,551.29	186.88
33 14 13 13-0661	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,848.05	195.94
33 14 13 13-0662	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,449.17	209.10
33 14 13 13-0663	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,603.76	228.05
33 14 13 13-0664	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,179.84	199.22
33 14 13 13-0665	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,363.05	207.46
33 14 13 13-0666	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,520.95	217.34
33 14 13 13-0667	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,821.10	226.40
33 14 13 13-0668	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,467.27	239.56
33 14 13 13-0669	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,753.62	258.50
33 14 13 13-0670	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,971.04	289.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0671	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,997.91	250.27
33 14 13 13-0672	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,182.81	257.67
33 14 13 13-0673	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,310.96	268.38
33 14 13 13-0674	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,608.57	277.43
33 14 13 13-0675	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,686.94	290.61
33 14 13 13-0676	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,684.74	309.54
33 14 13 13-0677	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,902.15	340.01
33 14 13 13-0678	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,378.50	391.05
33 14 13 13-0679	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,461.41	312.84
33 14 13 13-0680	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,588.76	321.07
33 14 13 13-0681	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,802.52	330.95
33 14 13 13-0682	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,987.07	340.01
33 14 13 13-0683	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,092.64	353.18
33 14 13 13-0684	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,322.04	372.12
33 14 13 13-0685	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,392.45	403.39
33 14 13 13-0686	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,839.06	453.61
33 14 13 13-0687	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,733.06	516.18

33 14 13 13-0688 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0439)*

33 14 13 13-0689	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	225.38	33.74
33 14 13 13-0690	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	313.13	42.30
33 14 13 13-0691	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	343.63	44.91
33 14 13 13-0692	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	447.56	50.96
33 14 13 13-0693	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	468.08	59.59
33 14 13 13-0694	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	544.48	53.51
33 14 13 13-0695	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	572.12	61.75
33 14 13 13-0696	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	596.51	67.51
33 14 13 13-0697	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	628.35	59.28
33 14 13 13-0698	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	695.95	67.51
33 14 13 13-0699	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	709.29	72.45
33 14 13 13-0700	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	741.90	78.21
33 14 13 13-0701	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,076.78	76.56
33 14 13 13-0702	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,085.02	81.51
33 14 13 13-0703	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	951.03	87.27
33 14 13 13-0704	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	972.01	92.21
33 14 13 13-0705	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,289.75	88.91
33 14 13 13-0706	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,254.64	94.67
33 14 13 13-0707	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,182.69	99.62
33 14 13 13-0708	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,171.37	104.55
33 14 13 13-0709	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,322.69	113.61
33 14 13 13-0710	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,410.14	115.25
33 14 13 13-0711	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,586.38	121.02
33 14 13 13-0712	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,519.82	125.96
33 14 13 13-0713	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,810.54	135.01
33 14 13 13-0714	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,597.66	148.19
33 14 13 13-0715	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,879.59	158.07
33 14 13 13-0716	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,896.05	163.00
33 14 13 13-0717	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,730.88	168.77
33 14 13 13-0718	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,733.46	177.83
33 14 13 13-0719	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,698.23	190.17
33 14 13 13-0720	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,003.32	211.57
33 14 13 13-0721	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,372.70	210.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0722	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,410.13	219.81
33 14 13 13-0723	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,456.49	232.16
33 14 13 13-0724	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,429.24	253.56
33 14 13 13-0725	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,803.50	295.55

33 14 13 13-0726 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0439)*

33 14 13 13-0727	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	224.41	71.26
33 14 13 13-0728	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	269.47	83.77
33 14 13 13-0729	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	386.14	104.51
33 14 13 13-0730	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	508.21	119.19
33 14 13 13-0731	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	686.67	181.11
33 14 13 13-0732	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	851.87	197.59
33 14 13 13-0733	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	965.10	217.34
33 14 13 13-0734	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,164.04	241.21
33 14 13 13-0735	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,358.53	271.67
33 14 13 13-0736	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,630.69	310.37
33 14 13 13-0737	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,074.59	362.24

33 14 13 13-0738 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0439)*

33 14 13 13-0739	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	225.26	71.26
33 14 13 13-0740	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	277.97	83.77
33 14 13 13-0741	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	408.24	104.51
33 14 13 13-0742	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	530.31	119.19
33 14 13 13-0743	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	813.32	181.11
33 14 13 13-0744	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	880.77	197.59
33 14 13 13-0745	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,149.55	217.34
33 14 13 13-0746	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,377.39	241.21
33 14 13 13-0747	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,631.38	271.67
33 14 13 13-0748	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,999.59	310.37
33 14 13 13-0749	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,599.89	362.24

33 14 13 13-0750 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0439)*

33 14 13 13-0751	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	311.15	108.31
33 14 13 13-0752	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	403.36	125.23
33 14 13 13-0753	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	547.76	157.19
33 14 13 13-0754	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	707.49	178.78
33 14 13 13-0755	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,047.43	271.67
33 14 13 13-0756	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,237.85	296.38
33 14 13 13-0757	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,590.45	326.01
33 14 13 13-0758	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,801.74	362.24
33 14 13 13-0759	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,332.74	407.51
33 14 13 13-0760	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,702.30	465.96
33 14 13 13-0761	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,261.91	543.35

33 14 13 13-0762 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0439)*

33 14 13 13-0763	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	321.35	108.31
33 14 13 13-0764	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	390.61	125.23
33 14 13 13-0765	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	562.21	157.19
33 14 13 13-0766	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	746.59	178.78
33 14 13 13-0767	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	993.03	271.67
33 14 13 13-0768	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,186.85	296.38
33 14 13 13-0769	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,481.65	326.01
33 14 13 13-0770	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,743.94	362.24
33 14 13 13-0771	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,070.94	407.51
33 14 13 13-0772	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,407.35	465.96
33 14 13 13-0773	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,991.61	543.35

33 14 13 13-0774 Push-On Joint Ductile Iron Piping *(33 14 13 13-0001)*

33 14 13 13-0775 Push-On Joint Ductile Iron Pipe *(33 14 13 13-0774)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0776	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	23.75	7.13
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*9.07*	
		For Cement Mortar Lining (CML), Add	*1.30*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*7.00*	
		For Fusion Bonded Epoxy Lining (206N), Add	*2.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*0.97*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.19*	
		For Class 51, Add	*1.25*	
		For Class 52, Add	*2.80*	
		For Class 53, Add	*7.35*	
		For Class 54, Add	*10.47*	
		For Class 55, Add	*12.06*	
		For Class 56, Add	*13.62*	
33 14 13 13-0777	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	26.05	7.85
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*9.95*	
		For Cement Mortar Lining (CML), Add	*1.42*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*7.68*	
		For Fusion Bonded Epoxy Lining (206N), Add	*2.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.07*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.30*	
		For Class 51, Add	*1.38*	
		For Class 52, Add	*3.07*	
		For Class 53, Add	*8.06*	
		For Class 54, Add	*11.49*	
		For Class 55, Add	*13.23*	
		For Class 56, Add	*14.94*	
33 14 13 13-0778	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	32.40	8.64
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*13.61*	
		For Cement Mortar Lining (CML), Add	*1.94*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.50*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.46*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.62*	
		For Class 51, Add	*1.84*	
		For Class 52, Add	*4.12*	
		For Class 53, Add	*10.90*	
		For Class 54, Add	*15.55*	
		For Class 55, Add	*17.89*	
		For Class 56, Add	*20.19*	
33 14 13 13-0779	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	45.95	12.27
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*16.45*	
		For Cement Mortar Lining (CML), Add	*2.74*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.71*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.06*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.30*	
		For Class 51, Add	*2.60*	
		For Class 52, Add	*5.81*	
		For Class 53, Add	*15.39*	
		For Class 54, Add	*21.94*	
		For Class 55, Add	*25.25*	
		For Class 56, Add	*28.49*	
33 14 13 13-0780	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	53.27	13.58
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*16.35*	
		For Cement Mortar Lining (CML), Add	*3.27*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.08*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.45*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.66*	
		For Class 51, Add	*3.08*	
		For Class 52, Add	*6.89*	
		For Class 53, Add	*18.29*	
		For Class 54, Add	*26.08*	
		For Class 55, Add	*30.00*	
		For Class 56, Add	*33.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0781	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	64.79	15.32
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*18.33*	
		For Cement Mortar Lining (CML), Add	*4.17*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*14.16*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.12*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.24*	
		For Class 51, Add	*3.88*	
		For Class 52, Add	*8.71*	
		For Class 53, Add	*23.19*	
		For Class 54, Add	*33.08*	
		For Class 55, Add	*38.04*	
		For Class 56, Add	*42.92*	
33 14 13 13-0782	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	76.74	17.46
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*20.63*	
		For Cement Mortar Lining (CML), Add	*5.03*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*15.60*	
		For Fusion Bonded Epoxy Lining (206N), Add	*9.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.77*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.84*	
		For Class 51, Add	*4.67*	
		For Class 52, Add	*10.48*	
		For Class 53, Add	*27.95*	
		For Class 54, Add	*39.88*	
		For Class 55, Add	*45.85*	
		For Class 56, Add	*51.71*	
33 14 13 13-0783	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	89.29	20.42
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.95*	
		For Cement Mortar Lining (CML), Add	*5.84*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.11*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.38*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.46*	
		For Class 51, Add	*5.43*	
		For Class 52, Add	*12.17*	
		For Class 53, Add	*32.46*	
		For Class 54, Add	*46.32*	
		For Class 55, Add	*53.25*	
		For Class 56, Add	*60.06*	
33 14 13 13-0784	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	103.13	24.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.11*	
		For Cement Mortar Lining (CML), Add	*6.61*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.51*	
		For Fusion Bonded Epoxy Lining (206N), Add	*11.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.96*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.16*	
		For Class 51, Add	*6.17*	
		For Class 52, Add	*13.82*	
		For Class 53, Add	*36.81*	
		For Class 54, Add	*52.50*	
		For Class 55, Add	*60.38*	
		For Class 56, Add	*68.11*	
33 14 13 13-0785	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	130.43	30.55
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.06*	
		For Cement Mortar Lining (CML), Add	*8.41*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.66*	
		For Fusion Bonded Epoxy Lining (206N), Add	*15.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.31*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.52*	
		For Class 51, Add	*7.84*	
		For Class 52, Add	*17.56*	
		For Class 53, Add	*46.80*	
		For Class 54, Add	*66.76*	
		For Class 55, Add	*76.76*	
		For Class 56, Add	*86.59*	

33 14 13 13-0786 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0774)*

33 14 13 13-0787	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	150.96	27.81
		For Cement Mortar Lining (CML), Add	*10.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.16*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0788	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	219.05	41.03
		For Cement Mortar Lining (CML), Add	*15.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0789	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	291.43	48.71
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0790	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	440.98	54.17
		For Cement Mortar Lining (CML), Add	*32.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0791	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	566.54	63.56
		For Cement Mortar Lining (CML), Add	*43.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0792	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,101.85	71.30
		For Cement Mortar Lining (CML), Add	*95.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0793	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	1,245.91	81.51
		For Cement Mortar Lining (CML), Add	*107.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0794	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	1,936.17	114.10
		For Cement Mortar Lining (CML), Add	*170.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*306.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0795	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	2,181.71	143.82
		For Cement Mortar Lining (CML), Add	*189.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0796	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	2,724.27	179.80
		For Cement Mortar Lining (CML), Add	*236.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.36*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0797 Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0774)*

33 14 13 13-0798	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	126.21	27.81
		For Cement Mortar Lining (CML), Add	*8.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0799	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	185.78	41.03
		For Cement Mortar Lining (CML), Add	*12.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0800	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	255.63	48.71
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0801	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	391.56	54.17
		For Cement Mortar Lining (CML), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0802	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	503.57	63.56
		For Cement Mortar Lining (CML), Add	*37.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0803	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	708.59	71.30
		For Cement Mortar Lining (CML), Add	*56.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0804	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,040.00	81.51
		For Cement Mortar Lining (CML), Add	*87.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0805	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	1,203.63	114.10
		For Cement Mortar Lining (CML), Add	*96.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0806	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	1,680.17	143.82
		For Cement Mortar Lining (CML), Add	*139.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0807	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	2,085.48	179.80
		For Cement Mortar Lining (CML), Add	*172.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*310.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.45*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0808 Push-On Joint Ductile Iron Tee *(33 14 13 13-0774)*

33 14 13 13-0809	EA	4" Tee, Push-On Joint Ductile Iron	230.45	41.03
		For Cement Mortar Lining (CML), Add	*16.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0810	EA	6" Tee, Push-On Joint Ductile Iron	321.62	60.29
		For Cement Mortar Lining (CML), Add	*23.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0811	EA	8" Tee, Push-On Joint Ductile Iron	437.22	73.07
		For Cement Mortar Lining (CML), Add	*32.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0812	EA	10" Tee, Push-On Joint Ductile Iron	637.11	82.33
		For Cement Mortar Lining (CML), Add	*51.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0813	EA	12" Tee, Push-On Joint Ductile Iron	791.79	94.92
		For Cement Mortar Lining (CML), Add	*64.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.58*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0814	EA	14" Tee, Push-On Joint Ductile Iron	1,265.47	114.10
		For Cement Mortar Lining (CML), Add	*109.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0815	EA	16" Tee, Push-On Joint Ductile Iron	1,823.59	142.67
		For Cement Mortar Lining (CML), Add	*160.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0816	EA	18" Tee, Push-On Joint Ductile Iron	2,294.82	190.34
		For Cement Mortar Lining (CML), Add	*200.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0817	EA	20" Tee, Push-On Joint Ductile Iron	2,706.23	232.24
		For Cement Mortar Lining (CML), Add	*235.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0818	EA	24" Tee, Push-On Joint Ductile Iron	3,541.04	290.28
		For Cement Mortar Lining (CML), Add	*310.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.59*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0819 Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-0774)*

33 14 13 13-0820	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	255.00	96.47
		For Cement Mortar Lining (CML), Add	*10.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0821	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	312.89	119.44
		For Cement Mortar Lining (CML), Add	*13.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0822	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	400.75	139.31
		For Cement Mortar Lining (CML), Add	*18.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0823	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	556.08	203.76
		For Cement Mortar Lining (CML), Add	*24.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0824	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	666.15	232.90
		For Cement Mortar Lining (CML), Add	*31.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.50*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0825	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	759.26	250.76
		For Cement Mortar Lining (CML), Add	*37.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0826	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	889.86	271.67
		For Cement Mortar Lining (CML), Add	*47.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.87*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0827	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,054.63	326.01
		For Cement Mortar Lining (CML), Add	*56.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*100.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0828	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	1,216.71	362.24
		For Cement Mortar Lining (CML), Add	*66.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0829	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	1,507.28	417.97
		For Cement Mortar Lining (CML), Add	*87.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.55*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0830 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-0774)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-0831	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	32.30	10.45
33 14 13 13-0832	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	35.88	10.45
33 14 13 13-0833	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	48.04	14.81
33 14 13 13-0834	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	57.71	16.30
33 14 13 13-0835	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	68.64	18.11
33 14 13 13-0836	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	86.59	20.34
33 14 13 13-0837	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	102.14	23.30
33 14 13 13-0838	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	118.06	27.17
33 14 13 13-0839	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	137.77	32.60
33 14 13 13-0840	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	163.03	32.60

33 14 13 13-0841 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-0774)*

33 14 13 13-0842	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	152.22	55.57
33 14 13 13-0843	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	197.87	67.84
33 14 13 13-0844	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	252.47	82.74
33 14 13 13-0845	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	368.74	100.93
33 14 13 13-0846	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	456.37	123.08
33 14 13 13-0847	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	755.93	150.16
33 14 13 13-0848	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	868.91	183.25
33 14 13 13-0849	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	994.23	223.51
33 14 13 13-0850	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	1,335.81	272.75
33 14 13 13-0851	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	1,696.36	332.67

33 14 13 13-0852 Ductile Iron Pipe Repair *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0002 for mechanical joint fittings.

33 14 13 13-0853 WEKO Seals *(33 14 13 13-0852)*

Note: Internal joint seal.

33 14 13 13-0854	EA	16" WEKO Internal Joint Seal	1,283.13	152.31
		For Extra Wide Seals, Add	*81.54*	
33 14 13 13-0855	EA	18" WEKO Internal Joint Seal	1,366.74	160.83
		For Extra Wide Seals, Add	*82.19*	
33 14 13 13-0856	EA	20" WEKO Internal Joint Seal	1,450.25	169.35
		For Extra Wide Seals, Add	*82.83*	
33 14 13 13-0857	EA	24" WEKO Internal Joint Seal	1,537.10	182.90
		For Extra Wide Seals, Add	*83.86*	

33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 23-0001 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23)*

Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.

33 14 13 23-0002 AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0003	LF	4" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	7.71	2.81
33 14 13 23-0004	LF	6" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	11.08	3.40
33 14 13 23-0005	LF	8" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	15.03	3.82
33 14 13 23-0006	LF	10" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	19.63	4.25
33 14 13 23-0007	LF	12" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	25.27	4.76

33 14 13 23-0008 AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0009	LF	4" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	8.46	2.81
33 14 13 23-0010	LF	6" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	12.64	3.40
33 14 13 23-0011	LF	8" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	17.66	3.82
33 14 13 23-0012	LF	10" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	23.72	4.25
33 14 13 23-0013	LF	12" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	30.98	4.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0014		AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0015	LF	4" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	9.21	2.81
33 14 13 23-0016	LF	6" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	14.19	3.40
33 14 13 23-0017	LF	8" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	20.29	3.82
33 14 13 23-0018	LF	10" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	27.72	4.25
33 14 13 23-0019	LF	12" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	36.69	4.76
33 14 13 23-0020		AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0021	LF	18" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	31.85	7.15
33 14 13 23-0022	LF	20" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	38.65	8.50
33 14 13 23-0023	LF	24" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	50.97	10.20
33 14 13 23-0024	LF	30" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	71.58	11.90
33 14 13 23-0025	LF	36" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	96.76	13.60
33 14 13 23-0026	LF	42" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	120.58	14.45
33 14 13 23-0027	LF	48" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	150.69	15.55
33 14 13 23-0028		AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0029	LF	14" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	23.52	5.36
33 14 13 23-0030	LF	16" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	28.99	5.95
33 14 13 23-0031	LF	18" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	35.80	7.15
33 14 13 23-0032	LF	20" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	43.78	8.50
33 14 13 23-0033	LF	24" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	58.89	10.20
33 14 13 23-0034	LF	30" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	82.94	11.90
33 14 13 23-0035	LF	36" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	111.97	13.60
33 14 13 23-0036	LF	42" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	145.88	14.45
33 14 13 23-0037	LF	48" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	183.52	15.55
33 14 13 23-0038		AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0039	LF	14" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	26.56	5.36
33 14 13 23-0040	LF	16" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	33.21	5.95
33 14 13 23-0041	LF	18" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	41.05	7.15
33 14 13 23-0042	LF	20" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	50.59	8.50
33 14 13 23-0043	LF	24" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	68.67	10.20
33 14 13 23-0044	LF	30" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	97.63	11.90
33 14 13 23-0045	LF	36" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	133.40	13.60
33 14 13 23-0046	LF	42" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	171.27	14.45
33 14 13 23-0047	LF	48" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	216.65	15.55
33 14 13 23-0048		AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0049	LF	14" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	31.76	5.36
33 14 13 23-0050	LF	16" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	39.39	5.95
33 14 13 23-0051	LF	18" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	49.00	7.15
33 14 13 23-0052	LF	20" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	60.20	8.50
33 14 13 23-0053	LF	24" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	82.52	10.20
33 14 13 23-0054	LF	30" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	119.36	11.90
33 14 13 23-0055	LF	36" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	166.83	13.60
33 14 13 23-0056	LF	42" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	220.29	14.45
33 14 13 23-0057	LF	48" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	282.44	15.55
33 14 13 23-0058		AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0059	LF	14" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	35.68	5.36
33 14 13 23-0060	LF	16" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	44.48	5.95
33 14 13 23-0061	LF	18" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	55.42	7.15
33 14 13 23-0062	LF	20" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	68.19	8.50
33 14 13 23-0063	LF	24" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	94.01	10.20
33 14 13 23-0064	LF	30" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	137.04	11.90
33 14 13 23-0065	LF	36" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	192.66	13.60
33 14 13 23-0066	LF	42" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	255.70	14.45
33 14 13 23-0067		AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*		
33 14 13 23-0068	LF	14" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	39.48	5.36
33 14 13 23-0069	LF	16" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	49.43	5.95
33 14 13 23-0070	LF	18" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	61.66	7.15
33 14 13 23-0071	LF	20" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	75.97	8.50
33 14 13 23-0072	LF	24" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	105.19	10.20
33 14 13 23-0073	LF	30" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	154.25	11.90
33 14 13 23-0074	LF	36" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	217.79	13.60
33 14 13 23-0075		AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) Fittings *(33 14 13 23)*		
		Note: Includes rubber gaskets.		
33 14 13 23-0076		90 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*		
33 14 13 23-0077	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	139.01	9.74
		For DR 25, Deduct	*-7.17*	
33 14 13 23-0078	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	282.83	10.96
		For DR 25, Deduct	*-15.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0079	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	423.99	12.18
		For DR 25, Deduct	*-23.98*	
33 14 13 23-0080	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	647.87	19.45
		For DR 25, Deduct	*-36.54*	
33 14 13 23-0081	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	729.14	32.42
		For DR 25, Deduct	*-39.86*	
33 14 13 23-0082	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,266.67	40.53
		For DR 25, Deduct	*-71.14*	
33 14 13 23-0083	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,511.68	48.63
		For DR 25, Deduct	*-84.86*	
33 14 13 23-0084	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,590.16	64.84
		For DR 25, Deduct	*-147.63*	
33 14 13 23-0085	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,188.83	81.06
		For DR 25, Deduct	*-181.60*	
33 14 13 23-0086	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,288.24	109.43
		For DR 25, Deduct	*-304.16*	

33 14 13 23-0087 45 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0088	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	123.40	9.74
		For DR 25, Deduct	*-6.24*	
33 14 13 23-0089	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	212.05	10.96
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0090	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	268.38	12.18
		For DR 25, Deduct	*-14.64*	
33 14 13 23-0091	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	380.24	19.45
		For DR 25, Deduct	*-20.48*	
33 14 13 23-0092	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	509.70	32.42
		For DR 25, Deduct	*-26.69*	
33 14 13 23-0093	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	975.39	40.53
		For DR 25, Deduct	*-53.66*	
33 14 13 23-0094	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,235.72	48.63
		For DR 25, Deduct	*-68.31*	
33 14 13 23-0095	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,128.77	64.84
		For DR 25, Deduct	*-119.94*	
33 14 13 23-0096	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,644.13	81.06
		For DR 25, Deduct	*-148.92*	
33 14 13 23-0097	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,730.37	109.43
		For DR 25, Deduct	*-210.69*	

33 14 13 23-0098 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0099	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	121.51	9.74
		For DR 25, Deduct	*-6.12*	
33 14 13 23-0100	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	212.05	10.96
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0101	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	268.38	12.18
		For DR 25, Deduct	*-14.64*	
33 14 13 23-0102	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	380.25	19.45
		For DR 25, Deduct	*-20.48*	
33 14 13 23-0103	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	509.70	32.42
		For DR 25, Deduct	*-26.69*	
33 14 13 23-0104	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	972.13	38.91
		For DR 25, Deduct	*-53.66*	
33 14 13 23-0105	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,235.70	48.63
		For DR 25, Deduct	*-68.31*	
33 14 13 23-0106	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,128.77	64.84
		For DR 25, Deduct	*-119.94*	
33 14 13 23-0107	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,644.13	81.06
		For DR 25, Deduct	*-148.92*	
33 14 13 23-0108	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,730.37	109.43
		For DR 25, Deduct	*-210.69*	

33 14 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0110	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	107.53	9.74
		For DR 25, Deduct	*-5.28*	
33 14 13 23-0111	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	212.05	10.96
		For DR 25, Deduct	*-11.41*	
33 14 13 23-0112	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	268.38	12.18
		For DR 25, Deduct	*-14.64*	
33 14 13 23-0113	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	380.25	19.45
		For DR 25, Deduct	*-20.48*	
33 14 13 23-0114	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	509.70	32.42
		For DR 25, Deduct	*-26.69*	
33 14 13 23-0115	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	972.13	38.91
		For DR 25, Deduct	*-53.66*	
33 14 13 23-0116	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,235.70	48.63
		For DR 25, Deduct	*-68.31*	
33 14 13 23-0117	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,128.77	64.84
		For DR 25, Deduct	*-119.94*	
33 14 13 23-0118	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,644.13	81.06
		For DR 25, Deduct	*-148.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0119	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,730.37	109.43
		For DR 25, Deduct	*-210.69*	

33 14 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)

(33 14 13 23-0075)

33 14 13 23-0121	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	165.08	10.96
		For DR 25, Deduct	*-8.59*	
33 14 13 23-0122	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	317.05	12.18
		For DR 25, Deduct	*-17.56*	
33 14 13 23-0123	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	441.79	13.80
		For DR 25, Deduct	*-24.85*	
33 14 13 23-0124	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	910.33	24.32
		For DR 25, Deduct	*-51.70*	
33 14 13 23-0125	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,115.09	48.63
		For DR 25, Deduct	*-61.07*	
33 14 13 23-0126	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,008.20	60.79
		For DR 25, Deduct	*-113.20*	
33 14 13 23-0127	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,486.86	72.96
		For DR 25, Deduct	*-140.46*	
33 14 13 23-0128	EA	18" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,138.93	97.27
		For DR 25, Deduct	*-176.66*	
33 14 13 23-0129	EA	20" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,770.47	121.59
		For DR 25, Deduct	*-211.64*	
33 14 13 23-0130	EA	24" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,155.29	82.68
		For DR 25, Deduct	*-299.40*	

33 14 13 23-0131 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)

(33 14 13 23-0075)

33 14 13 23-0132	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	316.43	15.83
		For DR 25, Deduct	*-17.09*	
33 14 13 23-0133	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	429.52	17.05
		For DR 25, Deduct	*-23.73*	
33 14 13 23-0134	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	440.30	17.65
		For DR 25, Deduct	*-24.30*	
33 14 13 23-0135	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,350.88	24.32
		For DR 25, Deduct	*-258.14*	
33 14 13 23-0136	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	772.88	24.93
		For DR 25, Deduct	*-43.38*	
33 14 13 23-0137	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	826.57	25.53
		For DR 25, Deduct	*-46.53*	
33 14 13 23-0138	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	878.46	37.28
		For DR 25, Deduct	*-48.23*	
33 14 13 23-0139	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,007.35	37.90
		For DR 25, Deduct	*-55.89*	
33 14 13 23-0140	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,068.34	38.50
		For DR 25, Deduct	*-59.48*	
33 14 13 23-0141	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,089.07	42.15
		For DR 25, Deduct	*-60.29*	
33 14 13 23-0142	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,649.71	43.77
		For DR 25, Deduct	*-93.73*	
33 14 13 23-0143	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,715.83	44.38
		For DR 25, Deduct	*-97.62*	
33 14 13 23-0144	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,782.11	44.99
		For DR 25, Deduct	*-101.53*	
33 14 13 23-0145	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,854.09	48.63
		For DR 25, Deduct	*-105.41*	
33 14 13 23-0146	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,931.99	55.12
		For DR 25, Deduct	*-109.31*	
33 14 13 23-0147	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,058.55	53.50
		For DR 25, Deduct	*-117.09*	
33 14 13 23-0148	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,123.43	53.50
		For DR 25, Deduct	*-120.99*	
33 14 13 23-0149	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,189.55	54.11
		For DR 25, Deduct	*-124.88*	
33 14 13 23-0150	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,255.67	54.71
		For DR 25, Deduct	*-128.77*	
33 14 13 23-0151	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,340.82	64.84
		For DR 25, Deduct	*-132.67*	
33 14 13 23-0152	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,412.20	68.09
		For DR 25, Deduct	*-136.56*	
33 14 13 23-0153	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,544.78	69.71
		For DR 25, Deduct	*-144.32*	
33 14 13 23-0154	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,611.36	70.32
		For DR 25, Deduct	*-148.24*	
33 14 13 23-0155	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,677.47	70.93
		For DR 25, Deduct	*-152.14*	
33 14 13 23-0156	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,749.66	74.58
		For DR 25, Deduct	*-156.03*	
33 14 13 23-0157	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,827.50	81.06
		For DR 25, Deduct	*-159.92*	
33 14 13 23-0158	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,898.45	84.30
		For DR 25, Deduct	*-163.79*	
33 14 13 23-0159	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,988.75	89.17
		For DR 25, Deduct	*-168.63*	
33 14 13 23-0160	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,227.06	85.92
		For DR 25, Deduct	*-183.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0161	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,339.08	86.53
		For DR 25, Deduct	*-189.96*	
33 14 13 23-0162	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,383.26	87.14
		For DR 25, Deduct	*-192.54*	
33 14 13 23-0163	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,433.57	90.79
		For DR 25, Deduct	*-195.12*	
33 14 13 23-0164	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,489.52	97.27
		For DR 25, Deduct	*-197.70*	
33 14 13 23-0165	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,565.68	100.52
		For DR 25, Deduct	*-201.88*	
33 14 13 23-0166	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,645.10	105.38
		For DR 25, Deduct	*-206.06*	
33 14 13 23-0167	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,707.78	113.49
		For DR 25, Deduct	*-208.85*	
33 14 13 23-0168	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,802.34	114.29
		For DR 25, Deduct	*-214.43*	
33 14 13 23-0169	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,850.06	114.90
		For DR 25, Deduct	*-217.22*	
33 14 13 23-0170	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,897.75	115.51
		For DR 25, Deduct	*-220.00*	
33 14 13 23-0171	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,094.08	119.16
		For DR 25, Deduct	*-231.35*	
33 14 13 23-0172	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,296.06	125.64
		For DR 25, Deduct	*-242.69*	
33 14 13 23-0173	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,491.57	128.89
		For DR 25, Deduct	*-254.03*	
33 14 13 23-0174	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,690.33	133.75
		For DR 25, Deduct	*-265.37*	
33 14 13 23-0175	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,895.57	141.85
		For DR 25, Deduct	*-276.71*	
33 14 13 23-0176	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,100.81	149.96
		For DR 25, Deduct	*-288.05*	

33 14 13 23-0177 Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0178	EA	4" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	229.86	19.48
		For DR 25, Deduct	*-11.45*	
33 14 13 23-0179	EA	6" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	410.21	21.91
		For DR 25, Deduct	*-21.98*	
33 14 13 23-0180	EA	8" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	566.70	24.35
		For DR 25, Deduct	*-31.08*	
33 14 13 23-0181	EA	10" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,154.49	38.91
		For DR 25, Deduct	*-64.60*	
33 14 13 23-0182	EA	12" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,369.80	48.63
		For DR 25, Deduct	*-76.35*	
33 14 13 23-0183	EA	14" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,488.09	64.84
		For DR 25, Deduct	*-141.50*	
33 14 13 23-0184	EA	16" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,087.83	81.06
		For DR 25, Deduct	*-175.55*	
33 14 13 23-0185	EA	18" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,940.43	129.70
		For DR 25, Deduct	*-220.86*	
33 14 13 23-0186	EA	20" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,733.42	162.12
		For DR 25, Deduct	*-264.55*	
33 14 13 23-0187	EA	24" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,674.75	218.87
		For DR 25, Deduct	*-374.22*	

33 14 13 23-0188 Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0189	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	397.65	20.70
		For DR 25, Deduct	*-21.38*	
33 14 13 23-0190	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	538.73	21.91
		For DR 25, Deduct	*-29.69*	
33 14 13 23-0191	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	552.62	23.13
		For DR 25, Deduct	*-30.38*	
33 14 13 23-0192	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	827.98	29.18
		For DR 25, Deduct	*-46.18*	
33 14 13 23-0193	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	964.69	30.40
		For DR 25, Deduct	*-54.23*	
33 14 13 23-0194	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,059.38	31.61
		For DR 25, Deduct	*-59.77*	
33 14 13 23-0195	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,089.48	42.15
		For DR 25, Deduct	*-60.31*	
33 14 13 23-0196	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,251.13	43.37
		For DR 25, Deduct	*-69.86*	
33 14 13 23-0197	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,328.29	44.58
		For DR 25, Deduct	*-74.35*	
33 14 13 23-0198	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,359.61	51.88
		For DR 25, Deduct	*-75.35*	
33 14 13 23-0199	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,049.97	48.63
		For DR 25, Deduct	*-117.16*	
33 14 13 23-0200	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,133.28	49.85
		For DR 25, Deduct	*-122.01*	
33 14 13 23-0201	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,217.50	51.07
		For DR 25, Deduct	*-126.92*	
33 14 13 23-0202	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,313.52	58.36
		For DR 25, Deduct	*-131.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0203	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,420.26	71.33
		For DR 25, Deduct	*-136.66*	
33 14 13 23-0204	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,555.78	58.36
		For DR 25, Deduct	*-146.34*	
33 14 13 23-0205	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,640.18	59.58
		For DR 25, Deduct	*-151.26*	
33 14 13 23-0206	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,723.69	60.79
		For DR 25, Deduct	*-156.13*	
33 14 13 23-0207	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,819.64	68.09
		For DR 25, Deduct	*-161.01*	
33 14 13 23-0208	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,868.62	81.06
		For DR 25, Deduct	*-162.39*	
33 14 13 23-0209	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,020.35	87.54
		For DR 25, Deduct	*-170.72*	
33 14 13 23-0210	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,156.26	74.58
		For DR 25, Deduct	*-180.43*	
33 14 13 23-0211	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,240.47	75.79
		For DR 25, Deduct	*-185.33*	
33 14 13 23-0212	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,324.10	77.01
		For DR 25, Deduct	*-190.21*	
33 14 13 23-0213	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,418.84	84.30
		For DR 25, Deduct	*-195.01*	
33 14 13 23-0214	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,526.55	97.27
		For DR 25, Deduct	*-199.92*	
33 14 13 23-0215	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,620.35	103.75
		For DR 25, Deduct	*-204.77*	
33 14 13 23-0216	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,740.38	113.49
		For DR 25, Deduct	*-210.80*	
33 14 13 23-0217	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,000.97	90.79
		For DR 25, Deduct	*-229.16*	
33 14 13 23-0218	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,141.69	92.00
		For DR 25, Deduct	*-237.46*	
33 14 13 23-0219	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,198.21	93.22
		For DR 25, Deduct	*-240.71*	
33 14 13 23-0220	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,266.34	100.52
		For DR 25, Deduct	*-243.92*	
33 14 13 23-0221	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,345.81	113.49
		For DR 25, Deduct	*-247.13*	
33 14 13 23-0222	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,445.27	119.96
		For DR 25, Deduct	*-252.32*	
33 14 13 23-0223	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,552.95	129.70
		For DR 25, Deduct	*-257.61*	
33 14 13 23-0224	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,643.29	145.91
		For DR 25, Deduct	*-261.09*	
33 14 13 23-0225	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,679.72	119.16
		For DR 25, Deduct	*-266.48*	
33 14 13 23-0226	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,766.34	120.37
		For DR 25, Deduct	*-271.54*	
33 14 13 23-0227	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,827.12	121.59
		For DR 25, Deduct	*-275.04*	
33 14 13 23-0228	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,077.72	128.89
		For DR 25, Deduct	*-289.20*	
33 14 13 23-0229	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,339.75	141.85
		For DR 25, Deduct	*-303.36*	
33 14 13 23-0230	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,588.76	148.34
		For DR 25, Deduct	*-317.53*	
33 14 13 23-0231	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,845.28	158.06
		For DR 25, Deduct	*-331.75*	
33 14 13 23-0232	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,113.25	174.28
		For DR 25, Deduct	*-345.88*	
33 14 13 23-0233	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,382.22	190.49
		For DR 25, Deduct	*-360.07*	

33 14 13 23-0234 Couplings, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0235	EA	4" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	83.85	9.74
		For DR 25, Deduct	*-3.86*	
33 14 13 23-0236	EA	6" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	154.79	10.96
		For DR 25, Deduct	*-7.97*	
33 14 13 23-0237	EA	8" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	186.10	12.18
		For DR 25, Deduct	*-9.71*	
33 14 13 23-0238	EA	10" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	265.17	19.45
		For DR 25, Deduct	*-13.58*	
33 14 13 23-0239	EA	12" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	420.41	24.32
		For DR 25, Deduct	*-22.31*	
33 14 13 23-0240	EA	14" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	727.34	32.42
		For DR 25, Deduct	*-39.75*	
33 14 13 23-0241	EA	16" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	862.06	40.53
		For DR 25, Deduct	*-46.86*	
33 14 13 23-0242	EA	18" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,056.97	64.84
		For DR 25, Deduct	*-115.64*	
33 14 13 23-0243	EA	20" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,307.76	81.06
		For DR 25, Deduct	*-128.74*	
33 14 13 23-0244	EA	24" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,248.40	109.43
		For DR 25, Deduct	*-181.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0245		Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*		
33 14 13 23-0246	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	103.46	9.74
		For DR 25, Deduct	*-5.04*	
33 14 13 23-0247	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	140.07	10.96
		For DR 25, Deduct	*-7.09*	
33 14 13 23-0248	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	202.86	12.18
		For DR 25, Deduct	*-10.71*	
33 14 13 23-0249	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	278.24	19.45
		For DR 25, Deduct	*-14.36*	
33 14 13 23-0250	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	446.14	32.42
		For DR 25, Deduct	*-22.88*	
33 14 13 23-0251	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,174.28	38.91
		For DR 25, Deduct	*-65.79*	
33 14 13 23-0252	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,588.72	48.63
		For DR 25, Deduct	*-89.49*	
33 14 13 23-0253	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,958.57	64.84
		For DR 25, Deduct	*-109.73*	
33 14 13 23-0254	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,340.71	81.06
		For DR 25, Deduct	*-130.72*	
33 14 13 23-0255	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,179.65	109.43
		For DR 25, Deduct	*-177.65*	
33 14 13 23-0256		Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*		
33 14 13 23-0257		Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0256)*		
33 14 13 23-0258	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	1.77	0.65
		For >1,000, Deduct	*-0.09*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.02*	
33 14 13 23-0259	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	1.95	0.70
		For >1,000, Deduct	*-0.10*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.03*	
33 14 13 23-0260	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.22	0.76
		For >1,000, Deduct	*-0.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.05*	
33 14 13 23-0261	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.53	0.84
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0262	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.14	0.94
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.12*	
33 14 13 23-0263	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.92	1.07
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.19*	
33 14 13 23-0264	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.69	1.20
		For >1,000, Deduct	*-0.23*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.25*	
33 14 13 23-0265	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	6.46	1.47
		For >1,000, Deduct	*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.42*	
33 14 13 23-0266	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	10.72	1.88
		For >1,000, Deduct	*-0.54*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.90*	
33 14 13 23-0267	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	16.71	2.59
		For >1,000, Deduct	*-0.84*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.53*	
33 14 13 23-0268	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	24.56	3.47
		For >1,000, Deduct	*-1.23*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.38*	
33 14 13 23-0269	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	34.06	4.66
		For >1,000, Deduct	*-1.70*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.36*	
33 14 13 23-0270		90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*		
33 14 13 23-0271	EA	3/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	19.65	7.79
33 14 13 23-0272	EA	1" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	24.77	9.74
33 14 13 23-0273	EA	1-1/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	31.11	12.18
33 14 13 23-0274	EA	1-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	42.51	13.47
33 14 13 23-0275	EA	2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	46.40	15.09
33 14 13 23-0276	EA	2-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	54.31	17.13
33 14 13 23-0277	EA	3" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	60.91	19.23
33 14 13 23-0278	EA	4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	81.88	23.62
33 14 13 23-0279	EA	6" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	114.39	30.00
33 14 13 23-0280	EA	8" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	177.09	39.39
33 14 13 23-0281	EA	10" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	221.51	52.70
33 14 13 23-0282	EA	12" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	293.93	70.93
33 14 13 23-0283		45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*		
33 14 13 23-0284	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	19.88	7.79
33 14 13 23-0285	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	24.94	9.74
33 14 13 23-0286	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	31.21	12.18
33 14 13 23-0287	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	39.43	13.47
33 14 13 23-0288	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	46.69	15.09
33 14 13 23-0289	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	55.48	17.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0290	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	60.42	19.23
33 14 13 23-0291	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	80.82	23.62
33 14 13 23-0292	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	112.25	30.00
33 14 13 23-0293	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	173.00	39.39
33 14 13 23-0294	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	204.58	52.70
33 14 13 23-0295	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	270.50	70.93

33 14 13 23-0296 Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0297	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	29.45	11.68
33 14 13 23-0298	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	37.11	14.69
33 14 13 23-0299	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	46.45	18.34
33 14 13 23-0300	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	59.97	20.29
33 14 13 23-0301	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	67.85	22.57
33 14 13 23-0302	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	78.47	25.72
33 14 13 23-0303	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	92.69	28.77
33 14 13 23-0304	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	119.67	35.46
33 14 13 23-0305	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	186.39	45.07
33 14 13 23-0306	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	271.93	59.08
33 14 13 23-0307	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	333.46	83.25
33 14 13 23-0308	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	423.98	112.02

33 14 13 23-0309 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0310	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	13.14	5.20
33 14 13 23-0311	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	17.70	6.98
33 14 13 23-0312	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	23.50	9.17
33 14 13 23-0313	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	30.47	10.15
33 14 13 23-0314	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	33.71	11.28
33 14 13 23-0315	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	38.35	12.83
33 14 13 23-0316	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	43.76	14.39
33 14 13 23-0317	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	58.29	17.70
33 14 13 23-0318	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	80.87	22.54
33 14 13 23-0319	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	129.81	29.53
33 14 13 23-0320	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	160.09	41.67
33 14 13 23-0321	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	206.63	56.02

33 14 13 23-0322 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings *(33 14 13 23)*

33 14 13 23-0323 Schedule 40 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0322)*

33 14 13 23-0324	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	1.89	0.65
		For >1,000, Deduct	*-0.09*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.04*	
33 14 13 23-0325	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.17	0.70
		For >1,000, Deduct	*-0.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0326	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.74	0.84
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.09*	
33 14 13 23-0327	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.22	0.94
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0328	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.05	1.07
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.21*	
33 14 13 23-0329	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	4.77	1.20
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.27*	
33 14 13 23-0330	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.24	1.47
		For >1,000, Deduct	*-0.31*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.38*	
33 14 13 23-0331	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	9.14	1.88
		For >1,000, Deduct	*-0.46*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.67*	

33 14 13 23-0332 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)*

33 14 13 23-0333	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	19.73	7.79
33 14 13 23-0334	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	24.82	9.74
33 14 13 23-0335	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.45	13.47
33 14 13 23-0336	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	38.74	15.09
33 14 13 23-0337	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	45.70	17.13
33 14 13 23-0338	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	51.49	19.23
33 14 13 23-0339	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	66.12	23.62
33 14 13 23-0340	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	97.51	30.00

33 14 13 23-0341 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)*

33 14 13 23-0342	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	19.71	7.79
33 14 13 23-0343	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	24.80	9.74
33 14 13 23-0344	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.45	13.47
33 14 13 23-0345	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	38.66	15.09
33 14 13 23-0346	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	45.48	17.13
33 14 13 23-0347	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	51.24	19.23
33 14 13 23-0348	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	65.60	23.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0349	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	95.85	30.00
33 14 13 23-0350		**Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0322)*		
33 14 13 23-0351	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	29.54	11.68
33 14 13 23-0352	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	37.18	14.69
33 14 13 23-0353	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	51.56	20.29
33 14 13 23-0354	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	57.82	22.57
33 14 13 23-0355	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	68.70	25.72
33 14 13 23-0356	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	78.31	28.77
33 14 13 23-0357	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	97.05	35.46
33 14 13 23-0358	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	147.86	45.07
33 14 13 23-0359		**Couplings, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0322)*		
33 14 13 23-0360	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	13.18	5.20
33 14 13 23-0361	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	17.74	6.98
33 14 13 23-0362	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	25.72	10.15
33 14 13 23-0363	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	28.90	11.28
33 14 13 23-0364	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	33.57	12.83
33 14 13 23-0365	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	38.23	14.39
33 14 13 23-0366	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	47.26	17.70
33 14 13 23-0367	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	66.54	22.54
33 14 13 23-0368		**Crosses, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0322)*		
33 14 13 23-0369	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	39.47	15.59
33 14 13 23-0370	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	49.51	19.56
33 14 13 23-0371	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	68.74	27.03
33 14 13 23-0372	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	77.09	30.11
33 14 13 23-0373	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	91.56	34.25
33 14 13 23-0374	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	104.36	38.39
33 14 13 23-0375	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	129.36	47.23
33 14 13 23-0376	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	196.93	60.08
33 14 13 23-0377		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0378		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0377)*		
33 14 13 23-0379	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	2.30	0.70
		For >1,000, Deduct	*-0.12*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0380	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.00	0.84
		For >1,000, Deduct	*-0.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0381	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.66	0.94
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.20*	
33 14 13 23-0382	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.61	1.07
		For >1,000, Deduct	*-0.23*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.29*	
33 14 13 23-0383	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	5.57	1.20
		For >1,000, Deduct	*-0.28*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.39*	
33 14 13 23-0384	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.46	1.47
		For >1,000, Deduct	*-0.37*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.57*	
33 14 13 23-0385	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	11.86	1.88
		For >1,000, Deduct	*-0.59*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.08*	
33 14 13 23-0386		**90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0387	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	25.49	9.74
33 14 13 23-0388	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	34.45	13.47
33 14 13 23-0389	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	39.42	15.09
33 14 13 23-0390	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	47.14	17.13
33 14 13 23-0391	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	52.83	19.23
33 14 13 23-0392	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	66.44	23.62
33 14 13 23-0393	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	95.99	30.00
33 14 13 23-0394		**45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0395	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	28.26	9.74
33 14 13 23-0396	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	37.11	13.47
33 14 13 23-0397	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	41.98	15.09
33 14 13 23-0398	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	51.95	17.13
33 14 13 23-0399	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	59.09	19.23
33 14 13 23-0400	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	79.03	23.62
33 14 13 23-0401	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	95.15	30.00
33 14 13 23-0402		**Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0403	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	38.60	14.69
33 14 13 23-0404	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	55.87	20.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0405	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	62.95	22.57
33 14 13 23-0406	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	71.41	25.72
33 14 13 23-0407	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	80.90	28.77
33 14 13 23-0408	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	98.92	35.46
33 14 13 23-0409	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	147.79	45.07
33 14 13 23-0410		**Couplings, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0411	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	18.75	6.98
33 14 13 23-0412	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	27.46	10.15
33 14 13 23-0413	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	30.54	11.28
33 14 13 23-0414	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	37.78	12.83
33 14 13 23-0415	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	42.46	14.39
33 14 13 23-0416	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	52.41	17.70
33 14 13 23-0417	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	73.73	22.54
33 14 13 23-0418		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0419	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	51.39	19.56
33 14 13 23-0420	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	74.45	27.03
33 14 13 23-0421	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	83.90	30.11
33 14 13 23-0422	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	95.17	34.25
33 14 13 23-0423	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	107.81	38.39
33 14 13 23-0424	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	131.85	47.23
33 14 13 23-0425	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	196.84	60.08
33 14 13 23-0426		**AWWA C906, High Density Polyethylene (HDPE) Pressure Piping** *(33 14 13 23)* Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427		**High Density Polyethylene (HDPE) Pressure Pipe** *(33 14 13 23-0426)*		
33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	5.33	2.21
		For DR 19 (89 PSI), Add	*0.08*	
		For DR 17 (100 PSI), Add	*0.19*	
		For DR 15.5 (110 PSI), Add	*0.28*	
		For DR 13.5 (128 PSI), Add	*0.44*	
		For DR 11 (160 PSI), Add	*0.70*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	7.68	2.81
		For DR 26 (65 PSI), Deduct	*-0.38*	
		For DR 19 (89 PSI), Add	*0.19*	
		For DR 17 (100 PSI), Add	*0.46*	
		For DR 15.5 (110 PSI), Add	*0.67*	
		For DR 13.5 (128 PSI), Add	*1.05*	
		For DR 11 (160 PSI), Add	*1.69*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	11.28	3.40
		For DR 26 (65 PSI), Deduct	*-0.82*	
		For DR 19 (89 PSI), Add	*0.40*	
		For DR 17 (100 PSI), Add	*1.00*	
		For DR 15.5 (110 PSI), Add	*1.46*	
		For DR 13.5 (128 PSI), Add	*2.28*	
		For DR 11 (160 PSI), Add	*3.66*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	15.25	3.82
		For DR 26 (65 PSI), Deduct	*-1.39*	
		For DR 19 (89 PSI), Add	*0.68*	
		For DR 17 (100 PSI), Add	*1.69*	
		For DR 15.5 (110 PSI), Add	*2.47*	
		For DR 13.5 (128 PSI), Add	*3.86*	
		For DR 11 (160 PSI), Add	*6.21*	
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	20.32	4.25
		For DR 26 (65 PSI), Deduct	*-2.17*	
		For DR 19 (89 PSI), Add	*1.06*	
		For DR 17 (100 PSI), Add	*2.63*	
		For DR 15.5 (110 PSI), Add	*3.85*	
		For DR 13.5 (128 PSI), Add	*6.00*	
		For DR 11 (160 PSI), Add	*9.66*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	26.47	47.60
		For DR 26 (65 PSI), Deduct	*-3.12*	
		For DR 19 (89 PSI), Add	*1.53*	
		For DR 17 (100 PSI), Add	*3.79*	
		For DR 15.5 (110 PSI), Add	*5.54*	
		For DR 13.5 (128 PSI), Add	*8.65*	
		For DR 11 (160 PSI), Add	*13.93*	
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	30.65	5.36
		For DR 26 (65 PSI), Deduct	*-3.67*	
		For DR 19 (89 PSI), Add	*1.80*	
		For DR 17 (100 PSI), Add	*4.45*	
		For DR 15.5 (110 PSI), Add	*6.52*	
		For DR 13.5 (128 PSI), Add	*10.17*	
		For DR 11 (160 PSI), Add	*16.37*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	38.07	5.95
		For DR 26 (65 PSI), Deduct	*-4.80*	
		For DR 19 (89 PSI), Add	*2.36*	
		For DR 17 (100 PSI), Add	*5.81*	
		For DR 15.5 (110 PSI), Add	*8.52*	
		For DR 13.5 (128 PSI), Add	*13.29*	
		For DR 11 (160 PSI), Add	*21.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	47.40	7.15
		For DR 26 (65 PSI), Deduct	*-6.06*	
		For DR 19 (89 PSI), Add	*2.98*	
		For DR 17 (100 PSI), Add	*7.35*	
		For DR 15.5 (110 PSI), Add	*10.76*	
		For DR 13.5 (128 PSI), Add	*16.80*	
		For DR 11 (160 PSI), Add	*27.03*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	44.64	8.50
		For DR 26 (65 PSI), Deduct	*-5.07*	
		For DR 19 (89 PSI), Add	*2.49*	
		For DR 17 (100 PSI), Add	*6.14*	
		For DR 15.5 (110 PSI), Add	*8.99*	
		For DR 13.5 (128 PSI), Add	*14.04*	
		For DR 11 (160 PSI), Add	*22.60*	
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	79.24	10.20
		For DR 26 (65 PSI), Deduct	*-10.79*	
		For DR 19 (89 PSI), Add	*5.30*	
		For DR 17 (100 PSI), Add	*13.07*	
		For DR 15.5 (110 PSI), Add	*19.15*	
		For DR 13.5 (128 PSI), Add	*29.88*	
		For DR 11 (160 PSI), Add	*48.10*	
33 14 13 23-0439		90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	53.84	12.18
		For DR 26 (65 PSI), Deduct	*-3.17*	
		For DR 19 (89 PSI), Add	*1.56*	
		For DR 17 (100 PSI), Add	*3.85*	
		For DR 15.5 (110 PSI), Add	*5.63*	
		For DR 13.5 (128 PSI), Add	*8.79*	
		For DR 11 (160 PSI), Add	*14.15*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	61.20	13.54
		For DR 26 (65 PSI), Deduct	*-3.78*	
		For DR 19 (89 PSI), Add	*1.86*	
		For DR 17 (100 PSI), Add	*4.58*	
		For DR 15.5 (110 PSI), Add	*6.71*	
		For DR 13.5 (128 PSI), Add	*10.47*	
		For DR 11 (160 PSI), Add	*16.86*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	101.21	15.46
		For DR 26 (65 PSI), Deduct	*-10.06*	
		For DR 19 (89 PSI), Add	*4.94*	
		For DR 17 (100 PSI), Add	*12.19*	
		For DR 15.5 (110 PSI), Add	*17.85*	
		For DR 13.5 (128 PSI), Add	*27.86*	
		For DR 11 (160 PSI), Add	*44.85*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	168.81	18.05
		For DR 26 (65 PSI), Deduct	*-21.02*	
		For DR 19 (89 PSI), Add	*10.32*	
		For DR 17 (100 PSI), Add	*25.48*	
		For DR 15.5 (110 PSI), Add	*37.32*	
		For DR 13.5 (128 PSI), Add	*58.25*	
		For DR 11 (160 PSI), Add	*93.75*	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	263.56	24.11
		For DR 26 (65 PSI), Deduct	*-35.08*	
		For DR 19 (89 PSI), Add	*17.23*	
		For DR 17 (100 PSI), Add	*42.53*	
		For DR 15.5 (110 PSI), Add	*62.28*	
		For DR 13.5 (128 PSI), Add	*97.21*	
		For DR 11 (160 PSI), Add	*156.47*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	388.47	36.07
		For DR 26 (65 PSI), Deduct	*-51.38*	
		For DR 19 (89 PSI), Add	*25.23*	
		For DR 17 (100 PSI), Add	*62.28*	
		For DR 15.5 (110 PSI), Add	*91.20*	
		For DR 13.5 (128 PSI), Add	*142.35*	
		For DR 11 (160 PSI), Add	*229.13*	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	478.48	48.15
		For DR 26 (65 PSI), Deduct	*-61.24*	
		For DR 19 (89 PSI), Add	*30.07*	
		For DR 17 (100 PSI), Add	*74.24*	
		For DR 15.5 (110 PSI), Add	*108.72*	
		For DR 13.5 (128 PSI), Add	*169.70*	
		For DR 11 (160 PSI), Add	*273.14*	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	616.49	72.16
		For DR 26 (65 PSI), Deduct	*-73.34*	
		For DR 19 (89 PSI), Add	*36.01*	
		For DR 17 (100 PSI), Add	*88.91*	
		For DR 15.5 (110 PSI), Add	*130.20*	
		For DR 13.5 (128 PSI), Add	*203.22*	
		For DR 11 (160 PSI), Add	*327.10*	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	788.01	81.17
		For DR 26 (65 PSI), Deduct	*-99.81*	
		For DR 19 (89 PSI), Add	*49.01*	
		For DR 17 (100 PSI), Add	*120.99*	
		For DR 15.5 (110 PSI), Add	*177.18*	
		For DR 13.5 (128 PSI), Add	*276.55*	
		For DR 11 (160 PSI), Add	*445.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,098.01	92.12
		For DR 26 (65 PSI), Deduct	*-150.09*	
		For DR 19 (89 PSI), Add	*73.69*	
		For DR 17 (100 PSI), Add	*181.94*	
		For DR 15.5 (110 PSI), Add	*266.44*	
		For DR 13.5 (128 PSI), Add	*415.87*	
		For DR 11 (160 PSI), Add	*669.38*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,417.78	108.27
		For DR 26 (65 PSI), Deduct	*-200.37*	
		For DR 19 (89 PSI), Add	*98.38*	
		For DR 17 (100 PSI), Add	*242.89*	
		For DR 15.5 (110 PSI), Add	*355.70*	
		For DR 13.5 (128 PSI), Add	*555.20*	
		For DR 11 (160 PSI), Add	*893.63*	
33 14 13 23-0451		Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	60.79	12.75
		For DR 26 (65 PSI), Deduct	*-4.15*	
		For DR 19 (89 PSI), Add	*2.04*	
		For DR 17 (100 PSI), Add	*5.03*	
		For DR 15.5 (110 PSI), Add	*7.37*	
		For DR 13.5 (128 PSI), Add	*11.50*	
		For DR 11 (160 PSI), Add	*18.51*	
33 14 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	69.92	14.44
		For DR 26 (65 PSI), Deduct	*-4.88*	
		For DR 19 (89 PSI), Add	*2.40*	
		For DR 17 (100 PSI), Add	*5.92*	
		For DR 15.5 (110 PSI), Add	*8.67*	
		For DR 13.5 (128 PSI), Add	*13.54*	
		For DR 11 (160 PSI), Add	*21.79*	
33 14 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	119.58	16.65
		For DR 26 (65 PSI), Deduct	*-12.77*	
		For DR 19 (89 PSI), Add	*6.27*	
		For DR 17 (100 PSI), Add	*15.48*	
		For DR 15.5 (110 PSI), Add	*22.67*	
		For DR 13.5 (128 PSI), Add	*35.38*	
		For DR 11 (160 PSI), Add	*56.95*	
33 14 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	235.73	19.69
		For DR 26 (65 PSI), Deduct	*-32.39*	
		For DR 19 (89 PSI), Add	*15.90*	
		For DR 17 (100 PSI), Add	*39.27*	
		For DR 15.5 (110 PSI), Add	*57.50*	
		For DR 13.5 (128 PSI), Add	*89.76*	
		For DR 11 (160 PSI), Add	*144.47*	
33 14 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	319.41	28.89
		For DR 26 (65 PSI), Deduct	*-42.68*	
		For DR 19 (89 PSI), Add	*20.95*	
		For DR 17 (100 PSI), Add	*51.73*	
		For DR 15.5 (110 PSI), Add	*75.76*	
		For DR 13.5 (128 PSI), Add	*118.25*	
		For DR 11 (160 PSI), Add	*190.33*	
33 14 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	447.79	43.35
		For DR 26 (65 PSI), Deduct	*-58.27*	
		For DR 19 (89 PSI), Add	*28.61*	
		For DR 17 (100 PSI), Add	*70.64*	
		For DR 15.5 (110 PSI), Add	*103.44*	
		For DR 13.5 (128 PSI), Add	*161.46*	
		For DR 11 (160 PSI), Add	*259.88*	
33 14 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	536.33	54.14
		For DR 26 (65 PSI), Deduct	*-68.55*	
		For DR 19 (89 PSI), Add	*33.66*	
		For DR 17 (100 PSI), Add	*83.10*	
		For DR 15.5 (110 PSI), Add	*121.70*	
		For DR 13.5 (128 PSI), Add	*189.95*	
		For DR 11 (160 PSI), Add	*305.75*	
33 14 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	687.73	81.17
		For DR 26 (65 PSI), Deduct	*-81.41*	
		For DR 19 (89 PSI), Add	*39.97*	
		For DR 17 (100 PSI), Add	*98.68*	
		For DR 15.5 (110 PSI), Add	*144.52*	
		For DR 13.5 (128 PSI), Add	*225.57*	
		For DR 11 (160 PSI), Add	*363.07*	
33 14 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	900.72	94.55
		For DR 26 (65 PSI), Deduct	*-113.11*	
		For DR 19 (89 PSI), Add	*55.54*	
		For DR 17 (100 PSI), Add	*137.12*	
		For DR 15.5 (110 PSI), Add	*200.80*	
		For DR 13.5 (128 PSI), Add	*313.43*	
		For DR 11 (160 PSI), Add	*504.48*	
33 14 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,290.17	111.68
		For DR 26 (65 PSI), Deduct	*-174.38*	
		For DR 19 (89 PSI), Add	*85.62*	
		For DR 17 (100 PSI), Add	*211.39*	
		For DR 15.5 (110 PSI), Add	*309.57*	
		For DR 13.5 (128 PSI), Add	*483.20*	
		For DR 11 (160 PSI), Add	*777.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,691.45	135.38
		For DR 26 (65 PSI), Deduct	*-235.65*	
		For DR 19 (89 PSI), Add	*115.71*	
		For DR 17 (100 PSI), Add	*285.66*	
		For DR 15.5 (110 PSI), Add	*418.34*	
		For DR 13.5 (128 PSI), Add	*652.97*	
		For DR 11 (160 PSI), Add	*1,050.99*	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	45.64	21.30
		For >1,000, Deduct	*-2.28*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	49.90	21.30
		For >1,000, Deduct	*-2.50*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	51.94	23.23
		For >1,000, Deduct	*-2.60*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	57.33	23.23
		For >1,000, Deduct	*-2.87*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	58.64	24.34
		For >1,000, Deduct	*-2.93*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	62.83	24.34
		For >1,000, Deduct	*-3.14*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	89.13	26.90
		For >1,000, Deduct	*-4.46*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	71.52	26.90
		For >1,000, Deduct	*-3.58*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	72.16	28.39
		For >1,000, Deduct	*-3.61*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	74.75	28.39
		For >1,000, Deduct	*-3.74*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	85.80	31.94
		For >1,000, Deduct	*-4.29*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	90.04	31.94
		For >1,000, Deduct	*-4.50*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	74.89	41.05
		For >1,000, Deduct	*-3.74*	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	86.31	45.16
		For >1,000, Deduct	*-4.32*	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	93.96	47.21
		For >1,000, Deduct	*-4.70*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	105.87	53.37
		For >1,000, Deduct	*-5.29*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	108.75	53.37
		For >1,000, Deduct	*-5.44*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	111.40	53.37
		For >1,000, Deduct	*-5.57*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	114.47	53.37
		For >1,000, Deduct	*-5.72*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	132.00	61.58
		For >1,000, Deduct	*-6.60*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	141.48	61.58
		For >1,000, Deduct	*-7.07*	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	164.75	61.58
		For >1,000, Deduct	*-8.24*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	160.47	71.84
		For >1,000, Deduct	*-8.02*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	164.35	71.84
		For >1,000, Deduct	*-8.22*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	200.92	71.84
		For >1,000, Deduct	*-10.05*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	180.58	71.84
		For >1,000, Deduct	*-9.03*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	213.24	86.22
		For >1,000, Deduct	*-10.66*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	241.61	86.22
		For >1,000, Deduct	*-12.08*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	234.52	86.22
		For >1,000, Deduct	*-11.73*	

33 14 13 36-0034 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0035	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	100.49	21.90
33 14 13 36-0036	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	145.18	42.11
33 14 13 36-0037	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	193.18	55.59
33 14 13 36-0038	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	309.43	84.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0039	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	406.31	106.13
33 14 13 36-0040	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	551.92	123.49
33 14 13 36-0041	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	652.98	154.77
33 14 13 36-0042	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	703.44	154.77
33 14 13 36-0043	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	742.59	177.00
33 14 13 36-0044	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	814.82	189.35
33 14 13 36-0045	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	888.96	214.05
33 14 13 36-0046	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	1,131.01	226.40
33 14 13 36-0047	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,362.75	246.98
33 14 13 36-0048	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,601.36	277.85

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	5.77	1.57
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	7.26	1.77
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	9.62	1.96
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	12.01	2.36
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	14.80	3.14
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	21.55	3.92
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	27.26	4.71
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	34.20	5.18
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	45.94	6.51
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	60.68	8.24
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	97.72	10.28
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	126.25	12.40
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	217.44	13.89

33 14 13 39-0015 Type K Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	6.15	1.57
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	8.58	1.77
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	10.93	1.96
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	12.82	2.36
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	16.01	3.14
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	23.17	3.92
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	31.74	4.71
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	40.91	5.18
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	53.83	6.51
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	72.66	8.24
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	122.49	10.28
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	170.80	12.40
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	299.65	13.89

33 14 13 39-0029 Copper Flare x Female Copper Flare Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15405

33 14 13 39-0030	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling	24.00
33 14 13 39-0031	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling	32.57
33 14 13 39-0032	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling	65.57
33 14 13 39-0033	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling	83.41

33 14 13 39-0034 Copper Flare x Female Iron Pipe Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15450

33 14 13 39-0035	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	24.45
33 14 13 39-0036	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	24.06
33 14 13 39-0037	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling	32.08
33 14 13 39-0038	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	44.72
33 14 13 39-0039	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	55.57
33 14 13 39-0040	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling	81.66

33 14 13 39-0041 Copper Flare x Male Iron Pipe Service Fitting Coupling *(33 14 13 39)*

Note: Mueller H-15425

33 14 13 39-0042	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	22.42
33 14 13 39-0043	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	24.09
33 14 13 39-0044	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling	31.64
33 14 13 39-0045	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	44.72
33 14 13 39-0046	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	57.15
33 14 13 39-0047	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling	83.62

33 14 13 39-0048 Brass Fittings *(33 14 13 39)*

33 14 13 39-0049 Brass Compression Reducer Coupling *(33 14 13 39-0048)*

33 14 13 39-0050	EA	3/4" x 1" Brass Compression Reducer Coupling	34.05	12.35
33 14 13 39-0051	EA	1" x 3/4" Brass Compression Reducer Coupling	28.56	12.35
33 14 13 39-0052	EA	1-1/2" x 1" Brass Compression Reducer Coupling	55.49	18.76
33 14 13 39-0053	EA	2" x 1-1/2" Brass Compression Reducer Coupling	69.10	23.79

33 14 13 39-0054 Copper Compression x Male NPT Brass Coupling *(33 14 13 39-0048)*

Note: A. Y. McDonald 74753Q

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0055	EA	3/4" Copper Compression x Male NPT Brass Coupling	35.20	13.72
33 14 13 39-0056	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling	40.50	16.02
33 14 13 39-0057	EA	1" Copper Compression x Male NPT Brass Coupling	41.22	16.02
33 14 13 39-0058	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling	40.62	16.02
33 14 13 39-0059	EA	1-1/4" Copper Compression x Male NPT Brass Coupling	52.67	18.30
33 14 13 39-0060	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling	51.58	18.30
33 14 13 39-0061	EA	1-1/2" Copper Compression x Male NPT Brass Coupling	68.76	22.88
33 14 13 39-0062	EA	2" Copper Compression x Male NPT Brass Coupling	88.44	27.45
33 14 13 39-0063		Brass Nipples *(33 14 13 39-0048)*		
33 14 13 39-0064	EA	3/4" x 6" Long Brass Nipple	22.16	5.71
33 14 13 39-0065	EA	1" x 6" Long Brass Nipple	27.97	6.18
33 14 13 39-0066	EA	1-1/2" x 6" Long Brass Nipple	40.73	6.63
33 14 13 39-0067		Brass "H" Style Meter Insetters *(33 14 13 39-0048)*		
33 14 13 39-0068	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters	126.03	25.27
33 14 13 39-0069	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters	90.09	25.27
33 14 13 39-0070		Meter Setters - Resetter, Brass *(33 14 13 39-0048)*		
33 14 13 39-0071	EA	1" Meter, 10" High Brass Meter Setter - Resetter Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.	291.25	25.27

33 14 13 43 Public Water Utility Distribution Piping Coatings And Wraps *(33 14 13)*

33 14 13 43-0001		Pipe Coatings *(33 14 13 43)*		
33 14 13 43-0002		Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 14 13 43-0001)*		
33 14 13 43-0003	LF	12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.99	
33 14 13 43-0004	LF	14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	6.63	
33 14 13 43-0005	LF	16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.57	
33 14 13 43-0006	LF	18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.95	
33 14 13 43-0007	LF	20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	8.57	
33 14 13 43-0008	LF	24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	9.98	
33 14 13 43-0009	LF	30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	13.11	
33 14 13 43-0010	LF	36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	20.71	
33 14 13 43-0011		Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)* Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0012	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	4.73	
33 14 13 43-0013	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	5.83	
33 14 13 43-0014	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	7.28	
33 14 13 43-0015	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	8.11	
33 14 13 43-0016	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	9.16	
33 14 13 43-0017	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	10.72	
33 14 13 43-0018	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	12.18	
33 14 13 43-0019	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	13.74	
33 14 13 43-0020	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	15.28	
33 14 13 43-0021	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	18.32	
33 14 13 43-0022	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	22.91	
33 14 13 43-0023	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	27.49	
33 14 13 43-0024	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	25.10	
33 14 13 43-0025	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	28.68	
33 14 13 43-0026	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	32.27	
33 14 13 43-0027	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	35.85	
33 14 13 43-0028	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	39.44	
33 14 13 43-0029	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	43.02	
33 14 13 43-0030	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	46.61	
33 14 13 43-0031		Pipe Lining *(33 14 13 43)*		
33 14 13 43-0032		Cement Pipe Lining *(33 14 13 43-0031)* Note: Shop applied.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0033	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	8.94	
		For 1/2" Thick, Add	*0.63*	
33 14 13 43-0034	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	11.11	
		For 1/2" Thick, Add	*0.78*	
33 14 13 43-0035	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	13.53	
		For 1/2" Thick, Add	*0.97*	
33 14 13 43-0036	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	17.63	
		For 1/2" Thick, Add	*1.21*	
33 14 13 43-0037	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	21.75	
		For 1/2" Thick, Add	*1.46*	
33 14 13 43-0038	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	28.05	
		For 1/2" Thick, Add	*1.71*	
33 14 13 43-0039	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	36.81	
		For 1/2" Thick, Add	*1.94*	
33 14 13 43-0040	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	44.19	
		For 1/2" Thick, Add	*1.86*	
33 14 13 43-0041	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	53.71	
		For 1/2" Thick, Add	*2.07*	
33 14 13 43-0042	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	65.18	
		For 1/2" Thick, Add	*2.48*	
33 14 13 43-0043	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	78.21	
		For 1/2" Thick, Add	*3.10*	
33 14 13 43-0044	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	94.16	
		For 1/2" Thick, Add	*3.72*	
33 14 13 43-0045	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	109.87	
		For 1/2" Thick, Add	*3.19*	
33 14 13 43-0046	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	125.51	
		For 1/2" Thick, Add	*3.65*	
33 14 13 43-0047	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	141.23	
		For 1/2" Thick, Add	*4.11*	
33 14 13 43-0048	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	156.94	
		For 1/2" Thick, Add	*4.56*	
33 14 13 43-0049	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	172.59	
		For 1/2" Thick, Add	*2.68*	
33 14 13 43-0050	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	188.30	
		For 1/2" Thick, Add	*2.92*	
33 14 13 43-0051	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	204.01	
		For 1/2" Thick, Add	*3.16*	

33 14 13 43-0052 Cement Fitting Lining *(33 14 13 43-0031)*

Note: Shop applied.

33 14 13 43-0053	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	8.94	
		For 1/2" Thick, Add	*0.63*	
33 14 13 43-0054	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	11.11	
		For 1/2" Thick, Add	*0.78*	
33 14 13 43-0055	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	17.14	
		For 1/2" Thick, Add	*1.26*	
33 14 13 43-0056	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	28.50	
		For 1/2" Thick, Add	*1.94*	
33 14 13 43-0057	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	43.50	
		For 1/2" Thick, Add	*2.92*	
33 14 13 43-0058	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	65.17	
		For 1/2" Thick, Add	*3.93*	
33 14 13 43-0059	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	97.49	
		For 1/2" Thick, Add	*5.05*	
33 14 13 43-0060	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	132.55	
		For 1/2" Thick, Add	*5.58*	
33 14 13 43-0061	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	178.96	
		For 1/2" Thick, Add	*6.89*	
33 14 13 43-0062	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	260.70	
		For 1/2" Thick, Add	*9.93*	

33 14 13 43-0063 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0064	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	0.58	
33 14 13 43-0065	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.00	
33 14 13 43-0066	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	1.27	
33 14 13 43-0067	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	1.63	
33 14 13 43-0068	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	2.30	
33 14 13 43-0069	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	2.98	
33 14 13 43-0070	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	3.78	
33 14 13 43-0071	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	4.52	
33 14 13 43-0072	LF	54" To 60" Diameter, 8 Mil Polyethylene Encasement Tubing	5.65	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	210.62	
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	304.17	
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	313.32	
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	255.34	
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	324.29	
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	266.24	
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	339.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	301.60	
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	357.32	
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	314.05	
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	367.63	

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	170.45	
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	170.58	
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	181.42	
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	173.86	
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	186.11	
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	207.05	
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	220.36	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	200.60	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	221.75	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	232.85	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	211.55	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	233.41	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	244.45	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	222.93	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	244.10	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	255.00	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	387.90	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	397.05	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	242.37	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	268.32	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	278.29	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	462.64	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	273.67	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	305.11	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	519.59	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	299.10	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	332.48	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	344.08	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	583.03	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	353.51	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	379.28	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	409.79	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	724.69	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	362.64	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	416.72	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	434.12	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	780.55	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	379.05	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	435.16	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	453.07	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	812.50	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	422.29	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	491.64	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	485.57	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	538.97	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	507.44	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	575.50	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	242.01	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	265.57	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	275.68	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	299.45	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	309.10	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	324.90	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	296.97	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	316.40	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	384.26	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	416.85	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	594.42	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	496.70	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	694.12	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	568.45	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	255.70	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	282.85	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	291.86	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	317.94	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	329.10	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	345.98	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	373.21	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	400.17	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	402.60	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	437.54	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	639.84	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	529.52	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	748.01	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	607.57	

33 14 13 53-0091 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0092	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,181.38	
33 14 13 53-0093	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,424.42	
33 14 13 53-0094	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,707.43	
33 14 13 53-0095	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,810.75	
33 14 13 53-0096	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,807.10	
33 14 13 53-0097	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,952.98	
33 14 13 53-0098	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,013.70	
33 14 13 53-0099	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,944.19	
33 14 13 53-0100	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,089.47	
33 14 13 53-0101	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,448.13	
33 14 13 53-0102	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,536.74	
33 14 13 53-0103	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,025.12	
33 14 13 53-0104	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,189.71	
33 14 13 53-0105	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,261.92	
33 14 13 53-0106	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,291.12	
33 14 13 53-0107	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,522.62	
33 14 13 53-0108	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,507.11	
33 14 13 53-0109	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,525.39	
33 14 13 53-0110	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,709.69	
33 14 13 53-0111	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,750.67	
33 14 13 53-0112	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,796.09	
33 14 13 53-0113	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,540.88	
33 14 13 53-0114	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,125.87	
33 14 13 53-0115	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,107.40	
33 14 13 53-0116	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,527.64	
33 14 13 53-0117	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,637.21	
33 14 13 53-0118	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,978.70	
33 14 13 53-0119	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,471.98	
33 14 13 53-0120	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,147.02	
33 14 13 53-0121	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,305.29	
33 14 13 53-0122	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,365.12	
33 14 13 53-0123	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,676.09	
33 14 13 53-0124	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,834.09	
33 14 13 53-0125	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,057.03	
33 14 13 53-0126	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,259.51	
33 14 13 53-0127	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,399.08	
33 14 13 53-0128	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,437.71	
33 14 13 53-0129	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	14,581.61	
33 14 13 53-0130	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	14,767.22	
33 14 13 53-0131	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	14,803.77	
33 14 13 53-0132	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,212.93	
33 14 13 53-0133	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,403.90	

33 14 13 53-0134 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0135	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	975.31	
33 14 13 53-0136	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,026.89	
33 14 13 53-0137	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,127.73	
33 14 13 53-0138	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,153.08	
33 14 13 53-0139	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,201.61	
33 14 13 53-0140	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,392.94	
33 14 13 53-0141	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,254.42	
33 14 13 53-0142	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,301.57	
33 14 13 53-0143	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,469.33	
33 14 13 53-0144	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,074.62	
33 14 13 53-0145	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,404.51	
33 14 13 53-0146	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,475.29	
33 14 13 53-0147	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,640.33	
33 14 13 53-0148	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,182.21	
33 14 13 53-0149	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,390.03	
33 14 13 53-0150	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,869.97	
33 14 13 53-0151	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,927.93	
33 14 13 53-0152	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,286.07	
33 14 13 53-0153	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,730.93	
33 14 13 53-0154	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,018.99	
33 14 13 53-0155	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,230.32	
33 14 13 53-0156	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,290.27	
33 14 13 53-0157	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,526.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0158	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,163.93	
33 14 13 53-0159	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,312.00	
33 14 13 53-0160	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,347.90	
33 14 13 53-0161	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,459.34	
33 14 13 53-0162	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,615.51	
33 14 13 53-0163	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,366.60	
33 14 13 53-0164	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,514.49	
33 14 13 53-0165	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,849.77	
33 14 13 53-0166	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,909.58	
33 14 13 53-0167	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,264.38	
33 14 13 53-0168	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,866.72	
33 14 13 53-0169	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,120.30	
33 14 13 53-0170	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,066.53	
33 14 13 53-0171	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,201.76	
33 14 13 53-0172	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,385.59	
33 14 13 53-0173	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,241.97	
33 14 13 53-0174	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,396.33	

33 14 13 53-0175 Stainless Steel Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0176	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,139.90	
33 14 13 53-0177	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,234.77	
33 14 13 53-0178	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,308.87	
33 14 13 53-0179	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,326.96	
33 14 13 53-0180	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,412.85	
33 14 13 53-0181	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,676.33	
33 14 13 53-0182	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,523.62	
33 14 13 53-0183	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,619.23	
33 14 13 53-0184	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,855.01	
33 14 13 53-0185	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,540.22	
33 14 13 53-0186	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,734.99	
33 14 13 53-0187	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,866.59	
33 14 13 53-0188	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,179.20	
33 14 13 53-0189	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,587.56	
33 14 13 53-0190	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,898.94	
33 14 13 53-0191	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,978.86	
33 14 13 53-0192	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,141.08	
33 14 13 53-0193	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,493.52	
33 14 13 53-0194	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,902.28	
33 14 13 53-0195	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,116.83	
33 14 13 53-0196	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,428.12	
33 14 13 53-0197	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,651.16	
33 14 13 53-0198	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,820.28	
33 14 13 53-0199	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,260.04	
33 14 13 53-0200	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,557.24	
33 14 13 53-0201	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,667.18	
33 14 13 53-0202	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,002.26	
33 14 13 53-0203	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,178.93	
33 14 13 53-0204	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,564.94	
33 14 13 53-0205	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,076.78	
33 14 13 53-0206	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,868.62	
33 14 13 53-0207	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,202.84	
33 14 13 53-0208	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,345.72	
33 14 13 53-0209	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,067.07	
33 14 13 53-0210	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,467.04	
33 14 13 53-0211	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,414.73	
33 14 13 53-0212	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,459.28	
33 14 13 53-0213	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,631.31	
33 14 13 53-0214	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,493.03	
33 14 13 53-0215	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,951.32	

33 14 13 53-0216 Ductile Iron Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0217	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	288.30	49.02
33 14 13 53-0218	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	361.13	61.81
33 14 13 53-0219	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	473.85	85.26
33 14 13 53-0220	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	616.70	100.17
33 14 13 53-0221	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	979.64	112.97
33 14 13 53-0222	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,093.98	127.89

33 14 13 53-0223 Steel Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0224	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	426.36	49.02
33 14 13 53-0225	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	503.19	61.81
33 14 13 53-0226	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	671.17	85.26
33 14 13 53-0227	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	822.07	100.17
33 14 13 53-0228	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,005.99	112.97
33 14 13 53-0229	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,173.20	127.89
33 14 13 53-0230	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,396.69	140.68
33 14 13 53-0231	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,657.48	153.47
33 14 13 53-0232	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,960.56	168.81
33 14 13 53-0233	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,320.31	185.69

33 14 13 53-0234 Steel Body, Flanged-Lock Restrained Coupling Adapters *(33 14 13 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0235	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	370.37	61.81
33 14 13 53-0236	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	496.64	85.26
33 14 13 53-0237	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	548.50	100.17
33 14 13 53-0238	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	809.13	112.97
33 14 13 53-0239	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,034.54	127.89
33 14 13 53-0240	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,161.02	140.68
33 14 13 53-0241	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,367.73	153.47
33 14 13 53-0242	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,535.76	168.81
33 14 13 53-0243	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,849.94	185.69
33 14 13 53-0244	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,233.33	204.28
33 14 13 53-0245	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	4,701.42	224.66
33 14 13 53-0246	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	6,358.88	247.16

33 14 13 53-0247 Ductile Iron Body, Omni Coupling System *(33 14 13 53)*

33 14 13 53-0248	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	127.39	34.11
33 14 13 53-0249	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	157.50	40.50
33 14 13 53-0250	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	195.27	49.02
33 14 13 53-0251	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	245.17	61.81
33 14 13 53-0252	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	326.40	85.26
33 14 13 53-0253	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	397.41	100.17
33 14 13 53-0254	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	499.51	112.97
33 14 13 53-0255	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	585.20	127.89
33 14 13 53-0256	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	832.43	140.68
33 14 13 53-0257	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,043.90	153.47

33 14 15 Water Service Connections *(33 14)*

See CSI section 22 11 19 00-0153 for backflow preventer assemblies.

33 14 15 23 Water Service Hydrants *(33 14 15)*

33 14 15 23-0001 Yard Hydrants *(33 14 15 23)*

Note: With 3/4" hose thread outlet.

33 14 15 23-0002	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	182.43	27.45
33 14 15 23-0003	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	192.41	27.45
33 14 15 23-0004	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	202.40	27.45
33 14 15 23-0005	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	233.42	34.77
33 14 15 23-0006	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	243.57	34.77
33 14 15 23-0007	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	253.71	34.77

33 14 15 23-0008 Sanitary Yard Hydrants *(33 14 15 23)*

Note: With 3/4" hose thread outlet.

33 14 15 23-0009	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	673.95	57.19
33 14 15 23-0010	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	705.14	57.19
33 14 15 23-0011	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	736.34	57.19

33 14 15 23-0012 Flushing Hydrants *(33 14 15 23)*

33 14 15 23-0013	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	482.48	35.30

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0576 for bolt and gasket sets.

33 14 19 00-0001 Roadway Utility Box *(33 14 19)*

33 14 19 00-0002 Utility Box *(33 14 19 00-0001)*

Note: Christy Concrete Products.

33 14 19 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" *(33 14 19 00-0002)*

33 14 19 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	65.75	41.80
33 14 19 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	48.99	4.64
33 14 19 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	23.25	4.64
33 14 19 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	101.31	4.64
33 14 19 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	35.81	9.29
33 14 19 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	47.19	9.29

33 14 19 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" *(33 14 19 00-0002)*

33 14 19 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	82.40	55.72
33 14 19 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	57.52	5.57
33 14 19 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	26.24	5.57
33 14 19 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	106.04	4.64
33 14 19 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	38.94	9.29
33 14 19 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	53.73	13.93
33 14 19 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	73.21	25.54

33 14 19 00-0018 B12 Utility Box, 12" x 20" *(33 14 19 00-0002)*

33 14 19 00-0019	EA	12" x 20" Precast Concrete Utility Box	90.12	60.37
33 14 19 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	100.34	6.96
33 14 19 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	37.12	9.29
33 14 19 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	145.83	9.29
33 14 19 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	94.61	32.51

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0024		B16 Utility Box, 12" x 22-1/4" *(33 14 19 00-0002)*		
33 14 19 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	104.31	70.58
33 14 19 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	114.87	9.29
33 14 19 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	43.56	9.29
33 14 19 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	146.60	9.29
33 14 19 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	64.08	15.79
33 14 19 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	95.68	32.51
33 14 19 00-0031		B30 Utility Box, 13-1/4" x 24" *(33 14 19 00-0002)*		
33 14 19 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box	124.90	83.58
33 14 19 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box	61.16	14.86
33 14 19 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box	181.86	12.07
33 14 19 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box	64.08	15.79
33 14 19 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box	100.08	26.00
33 14 19 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box	75.36	17.64
33 14 19 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box	123.64	41.80
33 14 19 00-0039		B36 Utility Box, 17-1/4" x 30" *(33 14 19 00-0002)*		
33 14 19 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box	161.47	105.88
33 14 19 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box	101.05	25.54
33 14 19 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box	230.63	17.64
33 14 19 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box	102.04	33.44
33 14 19 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box	152.20	37.15
33 14 19 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box	163.04	53.87
33 14 19 00-0046		B40 Utility Box, 24-1/2" x 36" *(33 14 19 00-0002)*		
33 14 19 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	304.77	163.46
33 14 19 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	267.48	61.30
33 14 19 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	329.55	26.93
33 14 19 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	226.56	57.58
33 14 19 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	239.62	60.37
33 14 19 00-0052		B48 Utility Box, 30-1/4" x 48-1/4" *(33 14 19 00-0002)*		
33 14 19 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	405.71	185.75
33 14 19 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	386.35	101.23
33 14 19 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	459.30	101.23
33 14 19 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	525.72	46.44
33 14 19 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	373.21	125.38
33 14 19 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	306.59	84.51
33 14 19 00-0059		Water Utility Distribution Valves *(33 14 19)*		
33 14 19 00-0060		Angle Valves *(33 14 19 00-0059)*		
		Note: For connecting meters to water service.		
33 14 19 00-0061		Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0060)*		
		Note: Nibco T-335Y		
33 14 19 00-0062	EA	1/2" Threaded, Class 150, Bronze Angle Valve	52.62	14.64
33 14 19 00-0063	EA	3/4" Threaded, Class 150, Bronze Angle Valve	70.96	19.68
33 14 19 00-0064	EA	1" Threaded, Class 150, Bronze Angle Valve	92.54	24.25
33 14 19 00-0065	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	118.59	30.47
33 14 19 00-0066	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	144.84	35.23
33 14 19 00-0067	EA	2" Threaded, Class 150, Bronze Angle Valve	203.85	41.18
33 14 19 00-0068	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	314.75	56.18
33 14 19 00-0069	EA	3" Threaded, Class 150, Bronze Angle Valve	454.88	64.86
33 14 19 00-0070		Butterfly Valves *(33 14 19 00-0059)*		
33 14 19 00-0071		Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valves *(33 14 19 00-0070)*		
33 14 19 00-0072	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8)	1,157.61	155.56
33 14 19 00-0073	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8)	1,320.34	155.56
33 14 19 00-0074	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8)	1,280.31	240.65
33 14 19 00-0075	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8)	1,443.04	240.65
33 14 19 00-0076	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8)	1,512.57	286.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0077	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8)	1,675.30	286.95
33 14 19 00-0078	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8)	1,750.06	366.66
33 14 19 00-0079	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8)	1,913.83	366.66
33 14 19 00-0080	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD16)	2,294.10	446.37
33 14 19 00-0081	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW20)	2,708.70	446.37
33 14 19 00-0082	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD24)	2,701.64	541.05
33 14 19 00-0083	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW20)	3,040.58	541.05
33 14 19 00-0084	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD12)	3,511.69	697.37
33 14 19 00-0085	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20)	4,067.25	697.37
33 14 19 00-0086	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD16)	4,175.14	767.10
33 14 19 00-0087	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20)	4,529.62	767.10
33 14 19 00-0088	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD16)	5,189.80	850.80
33 14 19 00-0089	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20)	5,544.28	850.80
33 14 19 00-0090	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD30)	6,121.99	958.88
33 14 19 00-0091	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20)	6,345.87	958.88
33 14 19 00-0092	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-HD30)	9,004.29	1,176.82
33 14 19 00-0093	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-CW20)	9,228.18	1,176.82
33 14 19 00-0094	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16)	20,552.17	1,997.08
33 14 19 00-0095	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16)	24,112.37	2,662.77
33 14 19 00-0096	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD32)	31,049.26	3,994.15
33 14 19 00-0097	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR3-HD24)	37,783.64	4,992.69
33 14 19 00-0098		Check Valves *(33 14 19 00-0059)*		
33 14 19 00-0099		Flanged, Swing Type Gravity Operated Check Valves *(33 14 19 00-0098)* Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0100	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	576.69	122.13
33 14 19 00-0101	EA	3" Flanged, Swing Type Gravity Operated Check Valve	602.76	143.19
33 14 19 00-0102	EA	4" Flanged, Swing Type Gravity Operated Check Valve	882.04	181.09
33 14 19 00-0103	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	1,158.64	272.49
33 14 19 00-0104	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,215.08	304.31
33 14 19 00-0105	EA	6" Flanged, Swing Type Gravity Operated Check Valve	1,166.21	303.23
33 14 19 00-0106	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,495.07	344.68
33 14 19 00-0107	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	1,574.15	387.46
33 14 19 00-0108	EA	8" Flanged, Swing Type Gravity Operated Check Valve	1,631.51	387.46
33 14 19 00-0109	EA	10" Flanged, Swing Type Gravity Operated Check Valve	2,653.39	471.69
33 14 19 00-0110	EA	12" Flanged, Swing Type Gravity Operated Check Valve	3,938.08	353.76
33 14 19 00-0111	EA	14" Flanged, Swing Type Gravity Operated Check Valve	5,441.01	697.37
33 14 19 00-0112	EA	16" Flanged, Swing Type Gravity Operated Check Valve	7,151.74	767.10
33 14 19 00-0113	EA	18" Flanged, Swing Type Gravity Operated Check Valve	10,235.80	850.80
33 14 19 00-0114	EA	20" Flanged, Swing Type Gravity Operated Check Valve	11,900.32	958.88
33 14 19 00-0115		Combination Air Release Valves *(33 14 19 00-0059)*		
33 14 19 00-0116	EA	1" Combination Air Release Valve	425.06	17.68
33 14 19 00-0117	EA	2" Combination Air Release Valve	686.51	30.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0118		Corporation Stop And Curb Valve *(33 14 19 00-0059)* Note: AWWA C800		
33 14 19 00-0119		Ball Corporation Valves *(33 14 19 00-0118)* Note: Mueller B-25000.		
33 14 19 00-0120	EA	3/4" Ball Corporation Valve	70.17	17.68
33 14 19 00-0121	EA	1" Ball Corporation Valve	88.23	21.90
33 14 19 00-0122	EA	1-1/2" Ball Corporation Valve	159.16	32.01
33 14 19 00-0123	EA	2" Ball Corporation Valve	241.36	37.90
33 14 19 00-0124		Gate Valve, AWWA C500 And C509 *(33 14 19 00-0059)*		
33 14 19 00-0125		Gate Valve, Flanged *(33 14 19 00-0124)* Note: Mueller A-2380-6.		
33 14 19 00-0126	EA	2" Gate Valve, Flanged	379.34	112.28
33 14 19 00-0127	EA	2-1/2" Gate Valve, Flanged	438.48	122.13
33 14 19 00-0128	EA	3" Gate Valve, Flanged	517.83	143.19
33 14 19 00-0129	EA	4" Gate Valve, Flanged	737.21	179.41
33 14 19 00-0130	EA	6" Gate Valve, Flanged	886.23	303.23
33 14 19 00-0131	EA	8" Gate Valve, Flanged	1,271.77	387.46
33 14 19 00-0132	EA	10" Gate Valve, Flanged	1,845.72	471.69
33 14 19 00-0133	EA	12" Gate Valve, Flanged	2,224.12	353.76
33 14 19 00-0134	EA	14" Gate Valve, Flanged	4,493.72	697.37
33 14 19 00-0135	EA	16" Gate Valve, Flanged	5,798.95	767.10
33 14 19 00-0136	EA	18" Gate Valve, Flanged	8,985.84	850.80
33 14 19 00-0137	EA	20" Gate Valve, Flanged	10,713.51	958.88
33 14 19 00-0138		Resilient Wedge Gate Valve, Flanged *(33 14 19 00-0124)* Note: Mueller A-2360-6.		
33 14 19 00-0139	EA	2" Resilient Wedge Gate Valve, Flanged	365.83	112.28
33 14 19 00-0140	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	422.32	122.13
33 14 19 00-0141	EA	3" Resilient Wedge Gate Valve, Flanged	498.66	143.19
33 14 19 00-0142	EA	4" Resilient Wedge Gate Valve, Flanged	715.79	179.41
33 14 19 00-0143	EA	6" Resilient Wedge Gate Valve, Flanged	857.59	303.23
33 14 19 00-0144	EA	8" Resilient Wedge Gate Valve, Flanged	1,227.03	387.46
33 14 19 00-0145	EA	10" Resilient Wedge Gate Valve, Flanged	1,774.63	471.69
33 14 19 00-0146	EA	12" Resilient Wedge Gate Valve, Flanged	2,138.28	353.76
33 14 19 00-0147		Gate Valve, Mechanical Joint *(33 14 19 00-0124)* Note: Mueller A-2380-20.		
33 14 19 00-0148	EA	2" Gate Valve, Mechanical Joint	452.04	89.71
33 14 19 00-0149	EA	2-1/2" Gate Valve, Mechanical Joint	504.73	112.44
33 14 19 00-0150	EA	3" Gate Valve, Mechanical Joint	629.03	136.03
33 14 19 00-0151	EA	4" Gate Valve, Mechanical Joint	767.12	179.41
33 14 19 00-0152	EA	6" Gate Valve, Mechanical Joint	949.68	210.57
33 14 19 00-0153	EA	8" Gate Valve, Mechanical Joint	1,327.62	252.69
33 14 19 00-0154	EA	10" Gate Valve, Mechanical Joint	1,867.42	294.80
33 14 19 00-0155	EA	12" Gate Valve, Mechanical Joint	2,322.64	353.76
33 14 19 00-0156	EA	14" Gate Valve, Mechanical Joint	4,744.98	427.14
33 14 19 00-0157	EA	16" Gate Valve, Mechanical Joint	6,074.21	479.44
33 14 19 00-0158	EA	18" Gate Valve, Mechanical Joint	9,479.17	531.75
33 14 19 00-0159	EA	20" Gate Valve, Mechanical Joint	11,245.50	599.30
33 14 19 00-0160		Resilient Wedge Gate Valve, Mechanical Joint *(33 14 19 00-0124)* Note: Mueller A-2360-20.		
33 14 19 00-0161	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	436.61	89.71
33 14 19 00-0162	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	608.82	136.03
33 14 19 00-0163	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	744.01	179.41
33 14 19 00-0164	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	919.77	210.57
33 14 19 00-0165	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	1,281.08	252.69
33 14 19 00-0166	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	1,795.09	294.80
33 14 19 00-0167	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	2,231.20	353.76
33 14 19 00-0168		Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint *(33 14 19 00-0124)* Note: Mueller A-2361.		
33 14 19 00-0169	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	4,441.14	697.37
33 14 19 00-0170	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	4,831.47	767.10
33 14 19 00-0171	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	7,401.21	850.80
33 14 19 00-0172	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,812.10	958.88
33 14 19 00-0173	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	12,445.41	1,176.82
33 14 19 00-0174		Gate Valve, Threaded, WW-V-51 Class A, Type 1 *(33 14 19 00-0124)* Note: NIBCO T-113.		
33 14 19 00-0175	EA	1/4" Gate Valve, Bronze, Threaded	35.97	14.73
33 14 19 00-0176	EA	3/8" Gate Valve, Bronze, Threaded	37.37	14.73
33 14 19 00-0177	EA	1/2" Gate Valve, Bronze, Threaded	37.96	14.73
33 14 19 00-0178	EA	3/4" Gate Valve, Bronze, Threaded	49.84	19.90
33 14 19 00-0179	EA	1" Gate Valve, Bronze, Threaded	60.96	24.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0180	EA	1-1/4" Gate Valve, Bronze, Threaded	80.45	30.47
33 14 19 00-0181	EA	1-1/2" Gate Valve, Bronze, Threaded	93.13	35.23
33 14 19 00-0182	EA	2" Gate Valve, Bronze, Threaded	111.80	41.18
33 14 19 00-0183	EA	2-1/2" Gate Valve, Bronze, Threaded	189.33	56.18
33 14 19 00-0184	EA	3" Gate Valve, Bronze, Threaded	224.20	64.43
33 14 19 00-0185		Globe Valve, AWWA *(33 14 19 00-0059)*		
33 14 19 00-0186		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 14 19 00-0185)* Note: NIBCO T-235.		
33 14 19 00-0187	EA	1/8" Globe Valve, Threaded	46.41	14.73
33 14 19 00-0188	EA	1/4" Globe Valve, Threaded	43.59	14.73
33 14 19 00-0189	EA	3/8" Globe Valve, Threaded	44.99	14.73
33 14 19 00-0190	EA	1/2" Globe Valve, Threaded	46.41	14.73
33 14 19 00-0191	EA	3/4" Globe Valve, Threaded	62.91	19.90
33 14 19 00-0192	EA	1" Globe Valve, Threaded	84.07	24.06
33 14 19 00-0193	EA	1-1/4" Globe Valve, Threaded	117.79	30.47
33 14 19 00-0194	EA	1-1/2" Globe Valve, Threaded	139.32	35.23
33 14 19 00-0195	EA	2" Globe Valve, Threaded	185.77	41.18
33 14 19 00-0196	EA	2-1/2" Globe Valve, Threaded	319.85	56.18
33 14 19 00-0197	EA	3" Globe Valve, Threaded	424.77	64.78
33 14 19 00-0198		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0059)*		
33 14 19 00-0199		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0198)* Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0200	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	508.18	112.28
33 14 19 00-0201	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	653.96	143.19
33 14 19 00-0202	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	868.71	179.41
33 14 19 00-0203	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,087.17	303.23
33 14 19 00-0204	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,529.48	387.46
33 14 19 00-0205	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,158.90	471.69
33 14 19 00-0206	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,105.97	353.76
33 14 19 00-0207	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,400.80	697.37
33 14 19 00-0208	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,759.46	767.10
33 14 19 00-0209	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,688.99	850.80
33 14 19 00-0210		Accessories For Valves *(33 14 19)*		
33 14 19 00-0211	EA	1' Valve Extension Stem	74.56	
		For Each Additional LF, Add	*5.11*	
33 14 19 00-0212	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	902.10	84.23
33 14 19 00-0213	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,021.40	92.65
33 14 19 00-0214	EA	Adjust Water Valve Box To Grade	84.23	
33 14 19 00-0215		Roadway Or Curb Valve Boxes *(33 14 19)* See CSI section 22 05 19 00-0000 for metering.		
33 14 19 00-0216		Round Head, Cast Iron Service, Roadway Or Valve Boxes *(33 14 19 00-0215)*		
33 14 19 00-0217	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	133.95	11.12
33 14 19 00-0218	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	153.96	11.12
33 14 19 00-0219	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	154.88	11.12
33 14 19 00-0220	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	42.32	5.56
33 14 19 00-0221	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	47.61	5.56
33 14 19 00-0222	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	55.58	5.56
33 14 19 00-0223	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	199.33	13.90
33 14 19 00-0224	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	340.97	19.45
33 14 19 00-0225	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	378.29	19.45
33 14 19 00-0226	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	206.73	13.90
33 14 19 00-0227	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	215.64	13.90
33 14 19 00-0228	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	208.83	13.90
33 14 19 00-0229	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	76.18	5.56
33 14 19 00-0230	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	133.50	22.88
33 14 19 00-0231	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	137.55	23.79
33 14 19 00-0232	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	152.92	24.71
33 14 19 00-0233	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	204.22	26.08
33 14 19 00-0234	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	244.45	27.45
33 14 19 00-0235	EA	18" Cast Iron Service Box Extension Section	56.13	
33 14 19 00-0236		Plastic Roadway Grade Water Meter Box And Cover *(33 14 19 00-0215)*		
33 14 19 00-0237	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	176.98	32.03
33 14 19 00-0238	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	132.24	22.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0239	EA	Cast Iron Lid For Plastic Meter Box	37.84	

33 14 19 00-0240 Traffic Valve Box And Lid *(33 14 19 00-0215)*

33 14 19 00-0241	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	135.56	
33 14 19 00-0242	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	398.00	

33 14 19 00-0243 Fire Hydrants *(33 14 19)*

Note: Breakaway type.

33 14 19 00-0244 Three Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0245	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,601.11	223.19
33 14 19 00-0246	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,649.31	223.19
33 14 19 00-0247	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,697.64	223.19
33 14 19 00-0248	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,761.68	239.13
33 14 19 00-0249	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,809.93	239.13
33 14 19 00-0250	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,878.15	259.05
33 14 19 00-0251	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,926.32	259.05
33 14 19 00-0252	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,994.57	278.98
33 14 19 00-0253	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,042.82	278.98
33 14 19 00-0254	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,110.92	298.91
33 14 19 00-0255	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,179.09	318.84
33 14 19 00-0256	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,267.09	358.69
33 14 19 00-0257	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,645.10	223.19
33 14 19 00-0258	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,707.65	223.19
33 14 19 00-0259	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,770.06	223.19
33 14 19 00-0260	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,848.40	239.13
33 14 19 00-0261	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,910.80	239.13
33 14 19 00-0262	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,993.36	259.05
33 14 19 00-0263	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,055.68	259.05
33 14 19 00-0264	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,138.08	278.98
33 14 19 00-0265	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,200.47	278.98
33 14 19 00-0266	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,282.69	298.91
33 14 19 00-0267	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,365.18	318.84
33 14 19 00-0268	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,467.32	358.69

33 14 19 00-0269 Two Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0270	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,336.51	223.19
33 14 19 00-0271	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,384.54	223.19
33 14 19 00-0272	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,432.85	223.19
33 14 19 00-0273	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,497.09	239.13
33 14 19 00-0274	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,545.19	239.13
33 14 19 00-0275	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,613.30	259.05
33 14 19 00-0276	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,661.55	259.05
33 14 19 00-0277	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,729.84	278.98
33 14 19 00-0278	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,777.98	278.98
33 14 19 00-0279	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,846.35	298.91
33 14 19 00-0280	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,914.21	318.84
33 14 19 00-0281	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,002.32	358.69
33 14 19 00-0282	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,404.46	223.19
33 14 19 00-0283	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,466.88	223.19
33 14 19 00-0284	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,529.20	223.19
33 14 19 00-0285	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,607.70	239.13
33 14 19 00-0286	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,669.95	239.13
33 14 19 00-0287	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,752.40	259.05
33 14 19 00-0288	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,814.67	259.05
33 14 19 00-0289	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,897.27	278.98
33 14 19 00-0290	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,959.52	278.98
33 14 19 00-0291	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,041.96	298.91
33 14 19 00-0292	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,124.14	318.84
33 14 19 00-0293	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,226.62	358.69

33 14 19 00-0294 Three Way, Modern Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0295	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,713.61	223.19
33 14 19 00-0296	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	2,775.93	223.19
33 14 19 00-0297	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,838.44	223.19
33 14 19 00-0298	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	2,916.82	239.13
33 14 19 00-0299	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,979.19	239.13
33 14 19 00-0300	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	3,061.51	259.05
33 14 19 00-0301	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,123.96	259.05
33 14 19 00-0302	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	3,206.31	278.98
33 14 19 00-0303	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,268.70	278.98
33 14 19 00-0304	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	3,351.03	278.98
33 14 19 00-0305	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,433.55	318.84
33 14 19 00-0306	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	3,535.04	318.84

33 14 19 00-0307 Two Way, Modern Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0308	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,932.11	223.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0309	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	1,979.54	223.19
33 14 19 00-0310	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,027.50	223.19
33 14 19 00-0311	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	2,090.31	239.13
33 14 19 00-0312	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,137.73	239.13
33 14 19 00-0313	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	2,205.06	259.05
33 14 19 00-0314	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,252.46	259.05
33 14 19 00-0315	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	2,319.86	278.98
33 14 19 00-0316	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,367.14	278.98
33 14 19 00-0317	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	2,434.50	298.91
33 14 19 00-0318	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,501.91	318.84
33 14 19 00-0319	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	2,588.58	358.69

33 14 19 00-0320 Fire Hydrant Extension Kits *(33 14 19 00-0243)*

33 14 19 00-0321	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	403.83	19.93
33 14 19 00-0322	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	479.96	24.91
33 14 19 00-0323	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	523.82	29.89
33 14 19 00-0324	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	595.74	36.87
33 14 19 00-0325	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	897.58	38.36
33 14 19 00-0326	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	958.53	39.85
33 14 19 00-0327	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	973.28	41.85
33 14 19 00-0328	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,028.07	44.84
33 14 19 00-0329	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,133.91	53.80
33 14 19 00-0330	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,197.53	64.76
33 14 19 00-0331	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	449.20	22.32
33 14 19 00-0332	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	532.11	27.10
33 14 19 00-0333	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	610.75	32.68
33 14 19 00-0334	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	683.22	40.65
33 14 19 00-0335	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	933.94	42.25
33 14 19 00-0336	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	995.68	43.84
33 14 19 00-0337	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,038.31	46.23
33 14 19 00-0338	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,213.97	49.42
33 14 19 00-0339	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,331.02	58.98
33 14 19 00-0340	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,399.63	70.94

33 14 19 00-0341 Remove And Reinstall Standard Fire Hydrant *(33 14 19 00-0243)*

Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.

33 14 19 00-0342	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	637.67	
33 14 19 00-0343	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	929.94	
33 14 19 00-0344	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	778.09	

33 14 23 Enclosures for Water Utility Piping and Valves *(33 14)*

See CSI section 22 11 19 00-0381 for Enclosures.

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 11 Water Utility Metering *(33 19)*

33 19 11 00-0001 Bronze Disk Type Water Service Meters *(33 19 11)*

33 19 11 00-0002	EA	5/8" Diameter, 0 - 20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	140.99	47.59
33 19 11 00-0003	EA	3/4" Diameter, 0 - 30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	175.49	56.73
33 19 11 00-0004	EA	1" Diameter, 0 - 50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	229.76	64.97
33 19 11 00-0005	EA	1-1/2" Diameter, 0 - 100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	431.61	97.00
33 19 11 00-0006	EA	2" Diameter, 0 - 160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	582.33	126.28

33 19 11 00-0007 Magnetic Driven, Positive Displacement Type Water Service Meters *(33 19 11)*

33 19 11 00-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	313.77	47.59
		For Owner Furnished Material, Deduct	*-265.61*	
33 19 11 00-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	358.49	56.73
		For Owner Furnished Material, Deduct	*-301.30*	
33 19 11 00-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	527.67	64.97
		For Owner Furnished Material, Deduct	*-462.31*	
33 19 11 00-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	888.91	97.00
		For Owner Furnished Material, Deduct	*-791.57*	
33 19 11 00-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,102.53	126.28
		For Owner Furnished Material, Deduct	*-975.44*	
33 19 11 00-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	249.23	22.88
		For Owner Furnished Material, Deduct	*-226.35*	

33 19 11 00-0014 Flanged Compound Type Water Service Meter *(33 19 11)*

33 19 11 00-0015	EA	2" Diameter, 0 - 160 GPM Water Service Meter Compound Type, Flanged And Bronze	1,577.13	112.28
33 19 11 00-0016	EA	3" Diameter, 0 - 320 GPM Water Service Meter Compound Type, Flanged And Bronze	1,845.73	143.19
33 19 11 00-0017	EA	4" Diameter, 0 - 500 GPM Water Service Meter Compound Type, Flanged And Bronze	3,312.85	271.22
33 19 11 00-0018	EA	6" Diameter, 0 - 1,000 GPM Water Service Meter Compound Type, Flanged And Bronze	4,263.54	303.23
33 19 11 00-0019	EA	8" Diameter, 0 - 1,600 GPM Water Service Meter Compound Type, Flanged And Bronze	8,726.07	387.46

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 19 11 00-0020	EA	10" Diameter, 0 - 2,500 GPM Water Service Meter Compound Type, Flanged And Bronze	14,916.56	471.69
33 19 11 00-0021			Flanged Turbine Water Service Meter *(33 19 11)*		
33 19 11 00-0022			Vertical Turbine Meters *(33 19 11 00-0021)*		
	33 19 11 00-0023	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	418.99	88.44
	33 19 11 00-0024	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	579.65	112.28
	33 19 11 00-0025	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	956.38	143.19
	33 19 11 00-0026	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	1,693.97	333.72
	33 19 11 00-0027	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	2,678.11	303.23
33 19 11 00-0028			Horizontal Turbine Meters *(33 19 11 00-0021)*		
	33 19 11 00-0029	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	624.44	88.44
	33 19 11 00-0030	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	872.95	112.28
	33 19 11 00-0031	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	1,073.97	143.19
	33 19 11 00-0032	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	1,849.40	333.72
	33 19 11 00-0033	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	3,244.43	303.23
	33 19 11 00-0034	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	4,334.72	387.46
	33 19 11 00-0035	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	6,041.95	471.69
	33 19 11 00-0036	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	7,938.82	951.80

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001			Plastic Sewer And Drain Piping *(33 31 11)*		
33 31 11 00-0002			Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*		
	33 31 11 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	4.56	2.07
	33 31 11 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	5.38	2.42
	33 31 11 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	6.76	2.81
	33 31 11 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	8.19	3.26
	33 31 11 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	10.49	3.79
	33 31 11 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	13.35	4.41
	33 31 11 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.68	4.56
	33 31 11 00-0010	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	20.55	4.73
33 31 11 00-0011			Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*		
			Note: D-2729 PVC pipe.		
	33 31 11 00-0012	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	6.24	2.81
	33 31 11 00-0013	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	7.31	3.26
	33 31 11 00-0014	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	9.13	3.79
33 31 11 00-0015			Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0001)*		
33 31 11 00-0016			1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
	33 31 11 00-0017	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	16.92	10.79
	33 31 11 00-0018	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.82	13.96
	33 31 11 00-0019	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.01	18.74
	33 31 11 00-0020	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.51	21.67
	33 31 11 00-0021	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	79.07	28.16
	33 31 11 00-0022	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	119.83	37.90
	33 31 11 00-0023	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	158.84	50.49
33 31 11 00-0024			1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
	33 31 11 00-0025	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	17.09	10.79
	33 31 11 00-0026	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.80	13.96
	33 31 11 00-0027	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	30.76	18.74
	33 31 11 00-0028	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	37.28	21.67
	33 31 11 00-0029	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	75.96	28.16
	33 31 11 00-0030	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	112.59	37.90
	33 31 11 00-0031	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	137.56	50.49
	33 31 11 00-0032	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	194.54	67.24
33 31 11 00-0033			Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
	33 31 11 00-0034	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	18.74	10.63
	33 31 11 00-0035	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	22.98	13.96
	33 31 11 00-0036	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	34.64	19.16
	33 31 11 00-0037	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	46.57	23.38
	33 31 11 00-0038	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.65	27.03
	33 31 11 00-0039	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	95.32	30.84
	33 31 11 00-0040	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	136.82	35.95
	33 31 11 00-0041	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	190.56	41.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0042		**1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0043	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	17.45	10.79
33 31 11 00-0044	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	22.16	13.96
33 31 11 00-0045	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.80	18.74
33 31 11 00-0046	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	39.21	21.67
33 31 11 00-0047	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	89.42	28.16
33 31 11 00-0048	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	134.90	37.90
33 31 11 00-0049	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	162.27	50.49
33 31 11 00-0050	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	186.30	67.24
33 31 11 00-0051		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0052	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	19.95	12.32
33 31 11 00-0053	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	26.68	14.71
33 31 11 00-0054	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	28.21	16.22
33 31 11 00-0055	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	34.26	17.72
33 31 11 00-0056	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	38.19	20.11
33 31 11 00-0057	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	69.80	24.89
33 31 11 00-0058	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	122.75	33.00
33 31 11 00-0059	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	79.08	36.03
33 31 11 00-0060	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	97.97	39.31
33 31 11 00-0061	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	99.71	44.15
33 31 11 00-0062	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	144.86	47.72
33 31 11 00-0063	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	155.77	52.55
33 31 11 00-0064	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	169.10	58.86
33 31 11 00-0065		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0066	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	25.74	16.32
33 31 11 00-0067	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	33.45	21.10
33 31 11 00-0068	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	46.71	27.84
33 31 11 00-0069	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	61.20	34.58
33 31 11 00-0070	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	111.38	37.90
33 31 11 00-0071	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	146.29	50.49
33 31 11 00-0072		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0073	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	27.04	16.32
33 31 11 00-0074	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	34.20	21.10
33 31 11 00-0075	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	47.68	27.84
33 31 11 00-0076	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	62.77	34.58
33 31 11 00-0077	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	105.49	37.90
33 31 11 00-0078	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	135.11	50.49
33 31 11 00-0079	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	178.89	67.37
33 31 11 00-0080	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	261.18	89.90
33 31 11 00-0081		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0082	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	29.06	16.32
33 31 11 00-0083	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	36.17	21.10
33 31 11 00-0084	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	46.34	27.84
33 31 11 00-0085	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	60.62	34.58
33 31 11 00-0086	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	62.09	34.58
33 31 11 00-0087		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0088	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	37.10	21.10
33 31 11 00-0089	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	48.87	27.84
33 31 11 00-0090	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	74.61	37.58
33 31 11 00-0091	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	105.24	45.45
33 31 11 00-0092	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	48.26	27.84
33 31 11 00-0093	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	69.94	37.58
33 31 11 00-0094	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	97.53	45.45
33 31 11 00-0095		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0096	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	28.65	16.32
33 31 11 00-0097	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	36.71	21.10
33 31 11 00-0098	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	55.24	27.84
33 31 11 00-0099	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	79.73	34.58
33 31 11 00-0100	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	42.19	21.10
33 31 11 00-0101	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	60.20	27.84
33 31 11 00-0102	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	53.30	27.84
33 31 11 00-0103	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	77.40	34.58
33 31 11 00-0104	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	79.53	34.58
33 31 11 00-0105		**Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0106	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.35	21.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0107	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	49.01	27.84
33 31 11 00-0108	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	68.87	37.58
33 31 11 00-0109	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	134.24	45.45
33 31 11 00-0110	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	315.26	50.33
33 31 11 00-0111		Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0112	EA	4" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain	170.94	86.70
33 31 11 00-0113	EA	6" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain	286.52	111.84
33 31 11 00-0114	EA	8" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain	384.35	157.61
33 31 11 00-0115	EA	10" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain	576.42	253.54
33 31 11 00-0116		Couplings, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0117	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	16.87	10.79
33 31 11 00-0118	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	21.49	13.88
33 31 11 00-0119	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	29.73	18.58
33 31 11 00-0120	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	35.44	21.67
33 31 11 00-0121	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	58.71	28.16
33 31 11 00-0122	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	104.27	37.90
33 31 11 00-0123	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	149.31	50.49
33 31 11 00-0124	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	226.28	67.24
33 31 11 00-0125		Adapters, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0126	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	92.88	59.13
33 31 11 00-0127	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	68.82	44.98
33 31 11 00-0128	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	69.43	44.98
33 31 11 00-0129	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	71.07	44.98
33 31 11 00-0130	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	93.33	59.13
33 31 11 00-0131	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	92.02	59.13
33 31 11 00-0132	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	89.87	59.13
33 31 11 00-0133	EA	4" Drain Grate, Drain And Sewer Fitting	47.14	30.41
33 31 11 00-0134		Caps, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0135	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	21.19	11.60
33 31 11 00-0136	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	30.14	14.45
33 31 11 00-0137	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	48.30	18.66
33 31 11 00-0138		Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0139	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	16.95	10.79
33 31 11 00-0140	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	21.93	13.96
33 31 11 00-0141	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	30.59	18.74
33 31 11 00-0142	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	37.13	21.67
33 31 11 00-0143	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	54.59	28.16
33 31 11 00-0144	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	136.15	37.90
33 31 11 00-0145		Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0146	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	9.11	3.26
33 31 11 00-0147	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	12.51	3.79
33 31 11 00-0148	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	17.19	4.41
33 31 11 00-0149	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	21.69	4.56
33 31 11 00-0150	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	27.12	4.73
33 31 11 00-0151	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	36.29	4.90
33 31 11 00-0152	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	46.79	5.07
33 31 11 00-0153	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	61.55	5.50
33 31 11 00-0154	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	75.16	5.66
33 31 11 00-0155	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	93.76	6.97
33 31 11 00-0156		Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0157	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	8.02	3.26
33 31 11 00-0158	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	10.57	3.79
33 31 11 00-0159	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	14.04	4.41
33 31 11 00-0160		Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0161		1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0160)*		
33 31 11 00-0162	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	52.08	19.84
33 31 11 00-0163	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	73.42	23.08
33 31 11 00-0164	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	140.54	26.16
33 31 11 00-0165	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	376.53	30.77
33 31 11 00-0166	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	486.24	39.23
33 31 11 00-0167		1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0160)*		
33 31 11 00-0168	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	48.17	19.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0169	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	69.12	23.08
33 31 11 00-0170	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	129.65	26.16
33 31 11 00-0171	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	273.98	30.77
33 31 11 00-0172	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	388.72	39.23
33 31 11 00-0173	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	816.35	55.39
33 31 11 00-0174	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,289.63	78.46
33 31 11 00-0175	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,135.72	103.85
33 31 11 00-0176	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,910.23	138.46
33 31 11 00-0177		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0178	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	78.69	29.77
33 31 11 00-0179	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	117.91	33.00
33 31 11 00-0180	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	131.06	34.62
33 31 11 00-0181	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	143.52	36.23
33 31 11 00-0182	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	162.21	37.84
33 31 11 00-0183	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	291.34	39.47
33 31 11 00-0184	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	367.20	40.38
33 31 11 00-0185	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	414.13	42.31
33 31 11 00-0186	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	600.65	43.92
33 31 11 00-0187	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	776.41	46.15
33 31 11 00-0188	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	451.50	49.16
33 31 11 00-0189	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	478.48	50.77
33 31 11 00-0190	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	671.00	52.38
33 31 11 00-0191	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	955.59	54.61
33 31 11 00-0192	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,075.32	58.85
33 31 11 00-0193		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0194	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	75.66	29.77
33 31 11 00-0195	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	107.81	33.00
33 31 11 00-0196	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	117.49	34.62
33 31 11 00-0197	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	139.19	36.23
33 31 11 00-0198	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	157.05	37.84
33 31 11 00-0199	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	229.60	39.47
33 31 11 00-0200	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	338.05	40.70
33 31 11 00-0201	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	345.30	42.31
33 31 11 00-0202	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	507.98	43.92
33 31 11 00-0203	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	560.70	46.15
33 31 11 00-0204	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	427.04	49.16
33 31 11 00-0205	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	440.49	50.77
33 31 11 00-0206	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	618.93	52.38
33 31 11 00-0207	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	740.80	54.61
33 31 11 00-0208	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	774.56	58.85
33 31 11 00-0209	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	953.54	70.77
33 31 11 00-0210	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,055.84	75.00
33 31 11 00-0211	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,313.83	83.08
33 31 11 00-0212		**Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0213	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	51.73	19.84
33 31 11 00-0214	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	75.73	23.08
33 31 11 00-0215	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	107.14	26.31
33 31 11 00-0216	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	191.77	30.77
33 31 11 00-0217	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	269.49	39.23
33 31 11 00-0218	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	514.60	55.39
33 31 11 00-0219	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	952.82	78.46
33 31 11 00-0220	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,574.05	103.85
33 31 11 00-0221	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,271.67	138.46
33 31 11 00-0222		**Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0223	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	89.33	21.46
33 31 11 00-0224	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	123.50	23.08
33 31 11 00-0225	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	130.45	24.69
33 31 11 00-0226	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	277.02	26.92
33 31 11 00-0227	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	316.97	28.54
33 31 11 00-0228	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	353.74	31.16
33 31 11 00-0229	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	404.24	32.77
33 31 11 00-0230	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	461.99	35.00
33 31 11 00-0231	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	692.42	47.31
33 31 11 00-0232		**Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0233	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	77.04	
33 31 11 00-0234	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	100.12	
33 31 11 00-0235	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	101.99	
33 31 11 00-0236	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	160.88	
33 31 11 00-0237	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	168.72	
33 31 11 00-0238	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	303.48	
33 31 11 00-0239	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	184.67	
33 31 11 00-0240	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	199.35	
33 31 11 00-0241	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	416.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0242	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	487.63	
33 31 11 00-0243	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	218.01	
33 31 11 00-0244	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	230.83	

33 31 11 00-0245 Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)
(33 31 11 00-0160)

33 31 11 00-0246	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	81.42	
33 31 11 00-0247	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	100.12	
33 31 11 00-0248	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	107.97	
33 31 11 00-0249	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	149.26	
33 31 11 00-0250	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	167.78	
33 31 11 00-0251	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	244.99	
33 31 11 00-0252	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	183.74	
33 31 11 00-0253	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	198.47	
33 31 11 00-0254	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	285.96	
33 31 11 00-0255	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	343.06	
33 31 11 00-0256	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	217.44	
33 31 11 00-0257	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	226.49	
33 31 11 00-0258	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	355.85	
33 31 11 00-0259	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	390.31	
33 31 11 00-0260	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	538.41	

33 31 11 00-0261 Couplings And Plug Fittings *(33 31 11)*

33 31 11 00-0262 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0261)*

Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps. Fernco 1056.

33 31 11 00-0263	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	15.07	5.57
33 31 11 00-0264	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	16.52	6.50
33 31 11 00-0265	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	18.99	7.43
33 31 11 00-0266	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	21.42	7.89
33 31 11 00-0267	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	25.84	8.36
33 31 11 00-0268	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	30.31	9.29
33 31 11 00-0269	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	37.96	10.21
33 31 11 00-0270	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	46.34	10.68
33 31 11 00-0271	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	87.55	11.14
33 31 11 00-0272	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	119.55	12.07
33 31 11 00-0273	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	231.66	12.54
33 31 11 00-0274	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	269.30	13.24
33 31 11 00-0275	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	298.43	13.93
33 31 11 00-0276	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling	357.66	14.86

33 31 11 00-0277 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0278	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	89.55
33 31 11 00-0279	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	89.98
33 31 11 00-0280	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	99.12
33 31 11 00-0281	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	95.76
33 31 11 00-0282	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	107.87
33 31 11 00-0283	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	121.05
33 31 11 00-0284	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	143.29
33 31 11 00-0285	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	120.91
33 31 11 00-0286	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	129.59
33 31 11 00-0287	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	152.57
33 31 11 00-0288	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	98.21
33 31 11 00-0289	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	107.35
33 31 11 00-0290	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	126.77
33 31 11 00-0291	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	150.32
33 31 11 00-0292	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	161.32

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	1,966.98	274.70
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	1,937.68	274.70
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	943.99	91.54
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,488.55	91.54
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	7,473.10	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	3,390.11	544.65
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	5,148.42	635.43
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	6,286.96	816.98

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

33 41 16 00-0001 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 *(33 41 16)*

Note: Includes fittings, couplings, elbows, etc.

33 41 16 00-0002	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	4.56	3.28
33 41 16 00-0003	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	4.97	3.54
33 41 16 00-0004	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	6.71	4.25
33 41 16 00-0005	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	9.90	5.31
33 41 16 00-0006	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	15.24	6.07
33 41 16 00-0007	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	19.37	7.09
33 41 16 00-0008	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	35.00	8.50

33 41 16 00-0009 Perforated Non Reinforced Concrete Drainage Piping, C444 *(33 41 16)*

33 41 16 00-0010	LF	6" Perforated Non Reinforced Concrete Drainage Pipe	24.56	9.42
		For Extra Strength, Add	*1.30*	
		For >1,000, Deduct	*-1.23*	
33 41 16 00-0011	LF	8" Perforated Non Reinforced Concrete Drainage Pipe	28.64	10.47
		For Extra Strength, Add	*1.61*	
		For >1,000, Deduct	*-1.43*	
33 41 16 00-0012	LF	10" Perforated Non Reinforced Concrete Drainage Pipe	32.37	11.52
		For Extra Strength, Add	*1.87*	
		For >1,000, Deduct	*-1.62*	
33 41 16 00-0013	LF	12" Perforated Non Reinforced Concrete Drainage Pipe	37.90	12.56
		For Extra Strength, Add	*2.35*	
		For >1,000, Deduct	*-1.90*	

33 41 16 00-0014 Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16)*

Note: Bell and spigot or tongue and groove. With seals and gaskets.

33 41 16 00-0015	LF	6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	20.52	9.42
		For >1,000, Deduct	*-1.03*	
33 41 16 00-0016	LF	8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	22.71	10.47
		For >1,000, Deduct	*-1.14*	
33 41 16 00-0017	LF	10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	25.05	11.52
		For >1,000, Deduct	*-1.25*	
33 41 16 00-0018	LF	12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	28.53	11.96
		For >1,000, Deduct	*-1.43*	
33 41 16 00-0019	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	33.08	13.46
		For >1,000, Deduct	*-1.65*	
33 41 16 00-0020	LF	18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	40.95	17.20
		For >1,000, Deduct	*-2.05*	
33 41 16 00-0021	LF	21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	51.18	22.06
		For >1,000, Deduct	*-2.56*	
33 41 16 00-0022	LF	24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	62.39	26.91
		For >1,000, Deduct	*-3.12*	

33 41 16 00-0023 Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 *(33 41 16)*

33 41 16 00-0024	LF	6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	19.19	9.42
		For >1,000, Deduct	*-0.96*	
33 41 16 00-0025	LF	8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	24.18	10.47
		For >1,000, Deduct	*-1.21*	
33 41 16 00-0026	LF	10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	30.40	11.52
		For >1,000, Deduct	*-1.52*	
33 41 16 00-0027	LF	12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	36.72	12.56
		For >1,000, Deduct	*-1.84*	
33 41 16 00-0028	LF	15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	42.01	13.98
		For >1,000, Deduct	*-2.10*	
33 41 16 00-0029	LF	18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	54.35	17.42
		For >1,000, Deduct	*-2.72*	

33 41 16 00-0030 Perforated Vitrified Clay Drainage Piping, C700 *(33 41 16)*

33 41 16 00-0031	LF	4" Perforated Vitrified Clay Drainage Pipe	18.52	10.47
33 41 16 00-0032	LF	6" Perforated Vitrified Clay Drainage Pipe	21.89	11.78
33 41 16 00-0033	LF	8" Perforated Vitrified Clay Drainage Pipe	24.42	11.78
33 41 16 00-0034	LF	10" Perforated Vitrified Clay Drainage Pipe	32.28	14.39
33 41 16 00-0035	LF	12" Perforated Vitrified Clay Drainage Pipe	37.90	15.70

33 41 16 00-0036 Geotextile Filter Fabric Sock *(33 41 16)*

33 41 16 00-0037	LF	3" Geotextile Filter Fabric Sock	0.54	
33 41 16 00-0038	LF	4" Geotextile Filter Fabric Sock	0.71	
33 41 16 00-0039	LF	6" Geotextile Filter Fabric Sock	1.08	
33 41 16 00-0040	LF	8" Geotextile Filter Fabric Sock	1.45	
33 41 16 00-0041	LF	10" Geotextile Filter Fabric Sock	2.09	
33 41 16 00-0042	LF	12" Geotextile Filter Fabric Sock	2.82	
33 41 16 00-0043	LF	15" Geotextile Filter Fabric Sock	3.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 00-0044		Strip-Perforated, Galvanized, Corrugated Steel Pipe *(33 41 16)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 00-0045	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	15.58	4.49
		For Full Perforated, Add	*0.66*	
33 41 16 00-0046	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	19.58	5.44
		For Full Perforated, Add	*0.87*	
33 41 16 00-0047	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	24.72	6.90
		For Full Perforated, Add	*1.09*	
33 41 16 00-0048	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	27.73	8.16
		For Full Perforated, Add	*1.14*	
33 41 16 00-0049	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	31.24	8.44
		For Full Perforated, Add	*1.44*	
33 41 16 00-0050	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	34.84	8.75
		For Full Perforated, Add	*1.73*	
33 41 16 00-0051	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	39.50	9.45
		For Full Perforated, Add	*2.06*	
33 41 16 00-0052		Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 00-0053	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	16.64	4.49
		For Full Perforated, Add	*0.77*	
33 41 16 00-0054	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	21.02	5.44
		For Full Perforated, Add	*1.02*	
33 41 16 00-0055	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	26.47	6.90
		For Full Perforated, Add	*1.27*	
33 41 16 00-0056	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	29.44	8.16
		For Full Perforated, Add	*1.31*	
33 41 16 00-0057	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	33.35	8.44
		For Full Perforated, Add	*1.65*	
33 41 16 00-0058	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	37.34	8.75
		For Full Perforated, Add	*1.98*	
33 41 16 00-0059	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	42.42	9.45
		For Full Perforated, Add	*2.35*	
33 41 16 00-0060		Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 00-0061	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	16.98	4.49
		For Full Perforated, Add	*0.80*	
33 41 16 00-0062	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	21.46	5.44
		For Full Perforated, Add	*1.06*	
33 41 16 00-0063	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	27.04	6.90
		For Full Perforated, Add	*1.32*	
33 41 16 00-0064	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	33.65	8.16
		For Full Perforated, Add	*1.73*	
33 41 16 00-0065	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	38.60	8.44
		For Full Perforated, Add	*2.17*	
33 41 16 00-0066	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	43.71	8.75
		For Full Perforated, Add	*2.62*	
33 41 16 00-0067	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	49.84	9.45
		For Full Perforated, Add	*3.10*	
33 41 16 00-0068		Prefabricated Composite Drains *(33 41 16)*		
33 41 16 00-0069		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 00-0068)*		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 00-0070	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	6.84	1.70
		For External Typar Geotextile Wrap, Add	*1.08*	
33 41 16 00-0071	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	29.82	
33 41 16 00-0072	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	29.82	
33 41 16 00-0073	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.84	
33 41 16 00-0074	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.84	
33 41 16 00-0075	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	10.60	2.12
		For External Typar Geotextile Wrap, Add	*1.62*	
33 41 16 00-0076	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	42.67	
33 41 16 00-0077	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	42.67	
33 41 16 00-0078	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	60.87	
33 41 16 00-0079	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	60.87	
33 41 19		**Underslab Drainage** *(33 41)*		
33 41 19 00-0001		Capillary Water Barrier Underslab Drainage *(33 41 19)*		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 00-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	47.10	
33 41 19 00-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	45.11	
33 41 19 00-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	44.30	
33 41 19 00-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	43.11	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	36.58	12.56
		For >1,000, Deduct	*-1.83*	
		For Class 4, Add	*1.77*	
		For Class 5, Add	*5.59*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	43.83	13.98
		For >1,000, Deduct	*-2.19*	
		For Class 4, Add	*2.27*	
		For Class 5, Add	*7.16*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	49.99	17.42
		For >1,000, Deduct	*-2.50*	
		For Class 4, Add	*2.38*	
		For Class 5, Add	*7.53*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	64.03	21.98
		For >1,000, Deduct	*-3.20*	
		For Class 4, Add	*3.10*	
		For Class 5, Add	*9.79*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	75.05	26.69
		For >1,000, Deduct	*-3.75*	
		For Class 4, Add	*3.51*	
		For Class 5, Add	*11.08*	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	94.50	33.54
		For >1,000, Deduct	*-4.73*	
		For Class 4, Add	*4.43*	
		For Class 5, Add	*13.98*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	100.46	34.62
		For >1,000, Deduct	*-5.02*	
		For Class 4, Add	*4.79*	
		For Class 5, Add	*15.12*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	123.99	39.35
		For >1,000, Deduct	*-6.20*	
		For Class 4, Add	*6.49*	
		For Class 5, Add	*20.51*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	160.13	43.28
		For >1,000, Deduct	*-8.01*	
		For Class 4, Add	*9.40*	
		For Class 5, Add	*29.67*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	191.53	48.20
		For >1,000, Deduct	*-9.58*	
		For Class 4, Add	*11.65*	
		For Class 5, Add	*36.80*	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	237.98	55.08
		For >1,000, Deduct	*-11.90*	
		For Class 4, Add	*15.13*	
		For Class 5, Add	*47.78*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	287.18	63.90
		For >1,000, Deduct	*-14.36*	
		For Class 4, Add	*18.61*	
		For Class 5, Add	*58.77*	

33 42 11 00-0015 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0016	EA	12" Concrete Reducing Wye Without Gaskets	436.98	47.86
33 42 11 00-0017	EA	15" Concrete Reducing Wye Without Gaskets	524.11	58.33
33 42 11 00-0018	EA	18" Concrete Reducing Wye Without Gaskets	647.00	64.31
33 42 11 00-0019	EA	21" Concrete Reducing Wye Without Gaskets	743.02	79.26
33 42 11 00-0020	EA	24" Concrete Reducing Wye Without Gaskets	840.23	95.71

33 42 11 00-0021 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0022	EA	12" Diameter Concrete Pipe Joint Gasket	4.13	
33 42 11 00-0023	EA	15" Diameter Concrete Pipe Joint Gasket	4.89	
33 42 11 00-0024	EA	18" Diameter Concrete Pipe Joint Gasket	5.67	
33 42 11 00-0025	EA	21" Diameter Concrete Pipe Joint Gasket	6.85	
33 42 11 00-0026	EA	24" Diameter Concrete Pipe Joint Gasket	8.02	
33 42 11 00-0027	EA	27" Diameter Concrete Pipe Joint Gasket	8.94	
33 42 11 00-0028	EA	30" Diameter Concrete Pipe Joint Gasket	9.82	
33 42 11 00-0029	EA	36" Diameter Concrete Pipe Joint Gasket	12.00	
33 42 11 00-0030	EA	42" Diameter Concrete Pipe Joint Gasket	13.91	
33 42 11 00-0031	EA	48" Diameter Concrete Pipe Joint Gasket	16.04	
33 42 11 00-0032	EA	54" Diameter Concrete Pipe Joint Gasket	19.67	
33 42 11 00-0033	EA	60" Diameter Concrete Pipe Joint Gasket	29.11	

33 42 11 00-0034 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

33 42 11 00-0035	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	184.51	138.51
33 42 11 00-0036	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	227.77	171.56
33 42 11 00-0037	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	283.63	217.21
33 42 11 00-0038	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	336.33	259.70
33 42 11 00-0039	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	387.39	300.55
33 42 11 00-0040	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	481.10	384.05
33 42 11 00-0041	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	636.21	528.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0042	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	795.23	667.36
33 42 11 00-0043	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	985.39	837.19
33 42 11 00-0044	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,104.57	943.58
33 42 11 00-0045	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,234.33	1,057.70
33 42 11 00-0046	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,366.31	1,174.96
33 42 11 00-0047	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,419.44	1,219.81
33 42 11 00-0048	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,466.16	1,259.17
33 42 11 00-0049	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,512.85	1,298.51
33 42 11 00-0050	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,560.48	1,337.86

33 42 11 00-0051 Strap Assembly *(33 42 11 00-0001)*

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

33 42 11 00-0052	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	156.21	
33 42 11 00-0053	EA	>24" Diameter Pipe, 12' Strap Assembly	218.93	

33 42 11 00-0054 Prestressed Concrete Cylinder Piping *(33 42 11)*

33 42 11 00-0055 150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0054)*

33 42 11 00-0056 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0055)*

Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".

33 42 11 00-0057	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	98.24	12.56
		For >1,000, Deduct	*-4.91*	
		For 100 PSI, Deduct	*-20.08*	
33 42 11 00-0058	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	104.91	13.98
		For >1,000, Deduct	*-5.25*	
		For 100 PSI, Deduct	*-21.24*	
33 42 11 00-0059	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	114.49	17.42
		For >1,000, Deduct	*-5.72*	
		For 100 PSI, Deduct	*-22.40*	
33 42 11 00-0060	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	125.65	21.98
		For >1,000, Deduct	*-6.28*	
		For 100 PSI, Deduct	*-23.56*	
33 42 11 00-0061	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	137.03	26.69
		For >1,000, Deduct	*-6.85*	
		For 100 PSI, Deduct	*-24.73*	
33 42 11 00-0062	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	160.79	34.62
		For >1,000, Deduct	*-8.04*	
		For 100 PSI, Deduct	*-27.68*	
33 42 11 00-0063	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	178.21	39.35
		For >1,000, Deduct	*-8.91*	
		For 100 PSI, Deduct	*-30.64*	
33 42 11 00-0064	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	206.62	43.28
		For >1,000, Deduct	*-10.33*	
		For 100 PSI, Deduct	*-36.35*	
33 42 11 00-0065	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	237.07	48.20
		For >1,000, Deduct	*-11.85*	
		For 100 PSI, Deduct	*-42.05*	
33 42 11 00-0066	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	313.01	61.71
		For >1,000, Deduct	*-15.65*	
		For 100 PSI, Deduct	*-56.21*	
33 42 11 00-0067	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	376.99	71.59
		For >1,000, Deduct	*-18.85*	
		For 100 PSI, Deduct	*-68.68*	

33 42 11 00-0068 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0055)*

33 42 11 00-0069	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	343.30	117.76
33 42 11 00-0070	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	475.94	168.24
33 42 11 00-0071	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	613.46	224.31
33 42 11 00-0072	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	750.97	280.39
33 42 11 00-0073	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	913.15	348.44
33 42 11 00-0074	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,167.68	467.32
33 42 11 00-0075	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,439.65	550.88
33 42 11 00-0076	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,676.86	642.96
33 42 11 00-0077	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,889.55	734.25
33 42 11 00-0078	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,326.56	916.83
33 42 11 00-0079	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,033.78	1,234.28

33 42 11 00-0080 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0055)*

33 42 11 00-0081	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	321.75	117.76
33 42 11 00-0082	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	448.05	168.24
33 42 11 00-0083	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	580.49	224.31
33 42 11 00-0084	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	712.93	280.39
33 42 11 00-0085	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	870.04	348.44
33 42 11 00-0086	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,108.51	435.92
33 42 11 00-0087	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,372.03	550.88
33 42 11 00-0088	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,598.67	642.96
33 42 11 00-0089	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,805.44	734.25
33 42 11 00-0090	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,204.37	916.83
33 42 11 00-0091	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,919.94	1,234.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0092		400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0054)*		
33 42 11 00-0093		400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*		
		Note: AWWA C301		
33 42 11 00-0094	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	188.59	34.62
		For >1,000, Deduct	*-9.43*	
33 42 11 00-0095	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	229.53	39.35
		For >1,000, Deduct	*-11.48*	
33 42 11 00-0096	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	267.55	43.28
		For >1,000, Deduct	*-13.38*	
33 42 11 00-0097		400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*		
		Note: AWWA C301		
33 42 11 00-0098	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	359.46	48.17
		For >1,000, Deduct	*-17.97*	
33 42 11 00-0099	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	430.49	61.71
		For >1,000, Deduct	*-21.52*	
33 42 11 00-0100	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	496.31	71.59
		For >1,000, Deduct	*-24.82*	
33 42 11 00-0101	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	558.59	79.35
		For >1,000, Deduct	*-27.93*	
33 42 11 00-0102	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	675.73	86.40
		For >1,000, Deduct	*-33.79*	
33 42 11 00-0103		Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0092)*		
		Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 42 11 00-0104	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	1,184.44	
33 42 11 00-0105	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	1,272.18	
33 42 11 00-0106	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	1,316.05	
33 42 11 00-0107	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	1,491.52	
33 42 11 00-0108	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	1,535.39	
33 42 11 00-0109	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	1,623.12	
33 42 11 00-0110	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	1,666.99	
33 42 11 00-0111	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	1,710.86	
33 42 11 00-0112	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,193.41	
33 42 11 00-0113	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,193.41	
33 42 11 00-0114	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,500.49	
33 42 11 00-0115	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,500.49	
33 42 11 00-0116	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,675.96	
33 42 11 00-0117	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,675.96	
33 42 11 00-0118	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,895.30	
33 42 11 00-0119	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,895.30	
33 42 11 00-0120		Quick Test Joints *(33 42 11 00-0092)*		
33 42 11 00-0121	EA	30" Quick Test Joint	334.97	
33 42 11 00-0122	EA	36" Quick Test Joint	338.92	
33 42 11 00-0123	EA	42" Quick Test Joint	342.85	
33 42 11 00-0124	EA	48" Quick Test Joint	350.53	
33 42 11 00-0125	EA	54" Quick Test Joint	368.92	
33 42 11 00-0126	EA	60" Quick Test Joint	383.97	
33 42 11 00-0127	EA	66" Quick Test Joint	405.27	
33 42 11 00-0128	EA	72" Quick Test Joint	426.56	
33 42 11 00-0129		Harnessed Joints *(33 42 11 00-0092)*		
33 42 11 00-0130		Harness Clamp Restrained Joints *(33 42 11 00-0129)*		
33 42 11 00-0131	EA	30" Harness Clamp Restrained Joint	2,854.59	
33 42 11 00-0132	EA	36" Harness Clamp Restrained Joint	2,965.91	
33 42 11 00-0133	EA	42" Harness Clamp Restrained Joint	3,077.21	
33 42 11 00-0134	EA	48" Harness Clamp Restrained Joint	3,188.52	
33 42 11 00-0135	EA	54" Harness Clamp Restrained Joint	3,309.29	
33 42 11 00-0136	EA	60" Harness Clamp Restrained Joint	3,479.15	
33 42 11 00-0137	EA	66" Harness Clamp Restrained Joint	3,595.35	
33 42 11 00-0138	EA	72" Harness Clamp Restrained Joint	3,851.11	
33 42 11 00-0139		Snap Ring Restrained Joints *(33 42 11 00-0129)*		
33 42 11 00-0140	EA	30" Snap Ring Restrained Joint	492.43	
33 42 11 00-0141	EA	36" Snap Ring Restrained Joint	560.80	
33 42 11 00-0142	EA	42" Snap Ring Restrained Joint	747.27	
33 42 11 00-0143	EA	48" Snap Ring Restrained Joint	847.84	
33 42 11 00-0144	EA	54" Snap Ring Restrained Joint	957.87	
33 42 11 00-0145	EA	60" Snap Ring Restrained Joint	1,084.79	
33 42 11 00-0146	EA	66" Snap Ring Restrained Joint	1,200.98	
33 42 11 00-0147	EA	72" Snap Ring Restrained Joint	1,338.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-0148 **Pipe Repairs** *(33 42 11 00-0092)*
Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.

33 42 11 00-0149 **Lined Cylinder Pipe Repair** *(33 42 11 00-0148)*

33 42 11 00-0150	EA	30" Lined Cylinder Pipe Repair	3,813.01	
33 42 11 00-0151	EA	36" Lined Cylinder Pipe Repair	4,711.06	
33 42 11 00-0152	EA	42" Lined Cylinder Pipe Repair	7,260.66	

33 42 11 00-0153 **Embedded Cylinder Pipe Repair** *(33 42 11 00-0148)*
Note: Field welded concrete enclosure assembly with concrete pipe.

33 42 11 00-0154	EA	48" Embedded Cylinder Pipe Repair	10,788.95	
33 42 11 00-0155	EA	54" Embedded Cylinder Pipe Repair	12,525.84	
33 42 11 00-0156	EA	60" Embedded Cylinder Pipe Repair	14,275.91	
33 42 11 00-0157	EA	66" Embedded Cylinder Pipe Repair	16,128.56	
33 42 11 00-0158	EA	72" Embedded Cylinder Pipe Repair	19,385.59	

33 42 11 00-0159 **High Density Polyethylene (HDPE) Drainage Piping** *(33 42 11)*

33 42 11 00-0160 **Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0159)*
Note: Excludes couplings and gaskets.

33 42 11 00-0161 **Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0160)*

33 42 11 00-0162	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.10	5.12
		For <100, Add	*2.05*	
		For >1,000, Deduct	*-0.56*	
33 42 11 00-0163	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.09	5.95
		For <100, Add	*2.38*	
		For >1,000, Deduct	*-0.70*	
33 42 11 00-0164	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.10	6.92
		For <100, Add	*2.77*	
		For >1,000, Deduct	*-0.86*	
33 42 11 00-0165	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.03	7.17
		For <100, Add	*2.87*	
		For >1,000, Deduct	*-0.95*	
33 42 11 00-0166	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.94	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-1.00*	
33 42 11 00-0167	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.21	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.11*	
33 42 11 00-0168	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.13	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.31*	
33 42 11 00-0169	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	34.91	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.75*	
33 42 11 00-0170	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	49.13	12.55
		For <100, Add	*5.02*	
		For >1,000, Deduct	*-2.46*	
33 42 11 00-0171	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	64.21	15.86
		For <100, Add	*6.35*	
		For >1,000, Deduct	*-3.21*	

33 42 11 00-0172 **Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0160)*

33 42 11 00-0173	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.85	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-0.99*	
33 42 11 00-0174	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.57	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.13*	
33 42 11 00-0175	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.67	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.33*	
33 42 11 00-0176	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.76	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.79*	
33 42 11 00-0177	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	51.47	12.55
		For <100, Add	*5.02*	
		For >1,000, Deduct	*-2.57*	
33 42 11 00-0178	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	65.95	15.86
		For <100, Add	*6.35*	
		For >1,000, Deduct	*-3.30*	
33 42 11 00-0179	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	84.01	17.31
		For <100, Add	*6.92*	
		For >1,000, Deduct	*-4.20*	
33 42 11 00-0180	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	91.99	19.53
		For <100, Add	*7.81*	
		For >1,000, Deduct	*-4.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0181		Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0182		Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0181)*		
33 42 11 00-0183	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	10.77	5.12
		For <100, Add	*2.05*	
		For >1,000, Deduct	*-0.54*	
33 42 11 00-0184	LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	13.08	5.95
		For <100, Add	*2.38*	
		For >1,000, Deduct	*-0.65*	
33 42 11 00-0185	LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.91	6.92
		For <100, Add	*2.77*	
		For >1,000, Deduct	*-0.80*	
33 42 11 00-0186	LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	18.16	7.17
		For <100, Add	*2.87*	
		For >1,000, Deduct	*-0.91*	
33 42 11 00-0187	LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.61	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-0.98*	
33 42 11 00-0188	LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.31	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.12*	
33 42 11 00-0189	LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.80	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.34*	
33 42 11 00-0190	LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.64	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.78*	
33 42 11 00-0191		Perforated, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0192		Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*		
33 42 11 00-0193	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.55	5.12
		For <100, Add	*2.05*	
		For >1,000, Deduct	*-0.58*	
33 42 11 00-0194	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.10	5.95
		For <100, Add	*2.38*	
		For >1,000, Deduct	*-0.71*	
33 42 11 00-0195	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.10	6.92
		For <100, Add	*2.77*	
		For >1,000, Deduct	*-0.86*	
33 42 11 00-0196	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.04	7.17
		For <100, Add	*2.87*	
		For >1,000, Deduct	*-0.95*	
33 42 11 00-0197	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.94	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-1.00*	
33 42 11 00-0198	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.22	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.11*	
33 42 11 00-0199	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.14	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.31*	
33 42 11 00-0200	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	34.91	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.75*	
33 42 11 00-0201	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	49.28	12.55
		For <100, Add	*5.02*	
		For >1,000, Deduct	*-2.46*	
33 42 11 00-0202	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	64.21	15.86
		For <100, Add	*6.35*	
		For >1,000, Deduct	*-3.21*	
33 42 11 00-0203		Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*		
33 42 11 00-0204	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.87	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-0.99*	
33 42 11 00-0205	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.58	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.13*	
33 42 11 00-0206	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.68	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.33*	
33 42 11 00-0207	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.76	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0208	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	51.47	12.55
		For <100, Add	*5.02*	
		For >1,000, Deduct	*-2.57*	
33 42 11 00-0209	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	65.95	15.86
		For <100, Add	*6.35*	
		For >1,000, Deduct	*-3.30*	
33 42 11 00-0210	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	84.01	17.31
		For <100, Add	*6.92*	
		For >1,000, Deduct	*-4.20*	
33 42 11 00-0211	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	91.99	19.53
		For <100, Add	*7.81*	
		For >1,000, Deduct	*-4.60*	

33 42 11 00-0212 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*

33 42 11 00-0213	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.05	5.12
		For <100, Add	*2.05*	
		For >1,000, Deduct	*-0.55*	
33 42 11 00-0214	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	13.08	5.95
		For <100, Add	*2.38*	
		For >1,000, Deduct	*-0.65*	
33 42 11 00-0215	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.85	6.92
		For <100, Add	*2.77*	
		For >1,000, Deduct	*-0.79*	
33 42 11 00-0216	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	18.16	7.17
		For <100, Add	*2.87*	
		For >1,000, Deduct	*-0.91*	
33 42 11 00-0217	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.61	7.42
		For <100, Add	*2.97*	
		For >1,000, Deduct	*-0.98*	
33 42 11 00-0218	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.31	7.68
		For <100, Add	*3.07*	
		For >1,000, Deduct	*-1.12*	
33 42 11 00-0219	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.80	7.96
		For <100, Add	*3.18*	
		For >1,000, Deduct	*-1.34*	
33 42 11 00-0220	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.64	9.33
		For <100, Add	*3.73*	
		For >1,000, Deduct	*-1.78*	

33 42 11 00-0221 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

33 42 11 00-0222 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0223	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	31.91	18.47
33 42 11 00-0224	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	38.09	21.55
33 42 11 00-0225	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	51.04	26.17
33 42 11 00-0226	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	68.66	32.33
33 42 11 00-0227	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	93.17	38.49
33 42 11 00-0228	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	126.60	50.29
33 42 11 00-0229	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	176.52	67.72
33 42 11 00-0230	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	214.30	77.31
33 42 11 00-0231	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	319.70	89.28
33 42 11 00-0232	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	396.62	103.13
33 42 11 00-0233	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	601.46	123.14
33 42 11 00-0234	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	744.83	146.23

33 42 11 00-0235 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0236	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	36.34	18.47
33 42 11 00-0237	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	42.96	21.55
33 42 11 00-0238	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	54.11	26.17
33 42 11 00-0239	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	72.04	32.33
33 42 11 00-0240	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	104.07	38.49
33 42 11 00-0241	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	123.26	50.29
33 42 11 00-0242	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	170.01	67.72

33 42 11 00-0243 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0244	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	20.72	12.31
33 42 11 00-0245	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	24.56	14.37
33 42 11 00-0246	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	31.57	17.44
33 42 11 00-0247	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	39.24	21.55
33 42 11 00-0248	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	50.12	25.65
33 42 11 00-0249	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	69.85	32.84
33 42 11 00-0250	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	94.55	45.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0251	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	137.73	51.30
33 42 11 00-0252	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	177.08	59.51
33 42 11 00-0253	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	206.32	68.76
33 42 11 00-0254	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	256.67	82.09
33 42 11 00-0255	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	330.61	97.49
33 42 11 00-0256		45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*		
33 42 11 00-0257	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	21.20	12.31
33 42 11 00-0258	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	25.57	14.37
33 42 11 00-0259	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	32.09	17.44
33 42 11 00-0260	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	43.44	21.55
33 42 11 00-0261	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	50.12	25.65
33 42 11 00-0262	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	69.76	32.84
33 42 11 00-0263	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	101.32	45.15
33 42 11 00-0264	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	142.97	51.30
33 42 11 00-0265	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	177.33	59.51
33 42 11 00-0266	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	217.60	68.76
33 42 11 00-0267	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	300.19	82.09
33 42 11 00-0268	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	369.62	97.49
33 42 11 00-0269		Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0159)*		
		Note: Excludes couplings and gaskets.		
33 42 11 00-0270		Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0269)*		
33 42 11 00-0271	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	28.92	18.47
33 42 11 00-0272	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	33.89	21.55
33 42 11 00-0273	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	44.31	26.17
33 42 11 00-0274	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	55.34	32.33
33 42 11 00-0275	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	70.62	38.49
33 42 11 00-0276	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	112.90	50.29
33 42 11 00-0277	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	144.24	67.72
33 42 11 00-0278	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	210.73	76.97
33 42 11 00-0279		Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0269)*		
33 42 11 00-0280	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	29.11	18.47
33 42 11 00-0281	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	34.49	21.55
33 42 11 00-0282	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	50.59	26.17
33 42 11 00-0283		45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0269)*		
33 42 11 00-0284	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	19.34	12.31
33 42 11 00-0285		90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0269)*		
33 42 11 00-0286	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	19.54	12.31
33 42 11 00-0287	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	23.37	14.37
33 42 11 00-0288	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	29.99	17.44
33 42 11 00-0289	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	37.77	21.55
33 42 11 00-0290		Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0159)*		
		Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0291		Couplings, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0290)*		
33 42 11 00-0292	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.29	
33 42 11 00-0293	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.52	
33 42 11 00-0294	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.80	
33 42 11 00-0295	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	0.98	
33 42 11 00-0296	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.06	
33 42 11 00-0297	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.51	
33 42 11 00-0298	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.23	
33 42 11 00-0299	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	3.55	
33 42 11 00-0300	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	5.44	
33 42 11 00-0301	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	7.12	
33 42 11 00-0302	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	11.20	
33 42 11 00-0303	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	15.15	
33 42 11 00-0304		Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0290)*		
33 42 11 00-0305	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	15.34	
33 42 11 00-0306	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	16.06	
33 42 11 00-0307	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	16.82	
33 42 11 00-0308	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	17.61	
33 42 11 00-0309	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	20.88	
33 42 11 00-0310	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	21.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0311	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	22.49	
33 42 11 00-0312	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	25.61	
33 42 11 00-0313	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	41.06	
33 42 11 00-0314	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	44.97	
33 42 11 00-0315	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	49.00	
33 42 11 00-0316	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	59.51	

33 42 11 00-0317 End Caps, Corrugated High Density Polyethylene (HDPE) Pipe *(33 42 11 00-0290)*

33 42 11 00-0318	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	21.23	
33 42 11 00-0319	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	24.49	
33 42 11 00-0320	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	37.15	
33 42 11 00-0321	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	60.21	
33 42 11 00-0322	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	69.58	
33 42 11 00-0323	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	92.62	
33 42 11 00-0324	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	96.60	

33 42 11 00-0325 Corrugated Metal Piping *(33 42 11)*

33 42 11 00-0326 Galvanized Corrugated Steel Piping *(33 42 11 00-0325)*

33 42 11 00-0327 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0328 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*

33 42 11 00-0329	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	25.26	7.85
		For Bituminous Coated Pipe, Add	*2.17*	
		For Bituminous Coated And 25% Paved, Add	*4.43*	
		For Smooth-Flo, Add	*7.91*	
33 42 11 00-0330	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	28.15	8.22
		For Bituminous Coated Pipe, Add	*2.72*	
		For Bituminous Coated And 25% Paved, Add	*5.57*	
		For Smooth-Flo, Add	*9.95*	
33 42 11 00-0331	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	31.15	8.97
		For Bituminous Coated Pipe, Add	*3.30*	
		For Bituminous Coated And 25% Paved, Add	*6.75*	
		For Smooth-Flo, Add	*12.06*	
33 42 11 00-0332	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	35.21	9.72
		For Bituminous Coated Pipe, Add	*3.95*	
		For Bituminous Coated And 25% Paved, Add	*8.08*	
		For Smooth-Flo, Add	*14.43*	
33 42 11 00-0333	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	38.87	10.47
		For Bituminous Coated Pipe, Add	*4.44*	
		For Bituminous Coated And 25% Paved, Add	*9.09*	
		For Smooth-Flo, Add	*16.23*	
33 42 11 00-0334	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	51.44	13.46
		For Bituminous Coated Pipe, Add	*5.77*	
		For Bituminous Coated And 25% Paved, Add	*11.80*	
		For Smooth-Flo, Add	*21.07*	
33 42 11 00-0335	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	66.78	17.31
		For Bituminous Coated Pipe, Add	*7.27*	
		For Bituminous Coated And 25% Paved, Add	*14.87*	
		For Smooth-Flo, Add	*26.56*	
33 42 11 00-0336	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	75.63	20.46
		For Bituminous Coated Pipe, Add	*8.61*	
		For Bituminous Coated And 25% Paved, Add	*17.60*	
		For Smooth-Flo, Add	*31.44*	
33 42 11 00-0337	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	85.03	23.61
		For Bituminous Coated Pipe, Add	*9.64*	
		For Bituminous Coated And 25% Paved, Add	*19.72*	
		For Smooth-Flo, Add	*35.21*	

33 42 11 00-0338 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*

33 42 11 00-0339	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	27.19	7.85
		For Bituminous Coated Pipe, Add	*2.20*	
		For Bituminous Coated And 25% Paved, Add	*5.09*	
		For Smooth-Flo, Add	*10.29*	
33 42 11 00-0340	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	30.53	8.22
		For Bituminous Coated Pipe, Add	*2.76*	
		For Bituminous Coated And 25% Paved, Add	*6.38*	
		For Smooth-Flo, Add	*12.90*	
33 42 11 00-0341	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	34.03	8.97
		For Bituminous Coated Pipe, Add	*3.34*	
		For Bituminous Coated And 25% Paved, Add	*7.73*	
		For Smooth-Flo, Add	*15.63*	
33 42 11 00-0342	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	38.53	9.72
		For Bituminous Coated Pipe, Add	*3.97*	
		For Bituminous Coated And 25% Paved, Add	*9.19*	
		For Smooth-Flo, Add	*18.58*	
33 42 11 00-0343	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	42.74	10.47
		For Bituminous Coated Pipe, Add	*4.49*	
		For Bituminous Coated And 25% Paved, Add	*10.40*	
		For Smooth-Flo, Add	*21.03*	
33 42 11 00-0344	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	56.16	13.46
		For Bituminous Coated Pipe, Add	*5.77*	
		For Bituminous Coated And 25% Paved, Add	*13.36*	
		For Smooth-Flo, Add	*27.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0345	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	72.51	17.31
		For Bituminous Coated Pipe, Add	*7.23*	
		For Bituminous Coated And 25% Paved, Add	*16.75*	
		For Smooth-Flo, Add	*33.85*	
33 42 11 00-0346	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	82.19	20.46
		For Bituminous Coated Pipe, Add	*8.51*	
		For Bituminous Coated And 25% Paved, Add	*19.71*	
		For Smooth-Flo, Add	*39.85*	
33 42 11 00-0347	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	92.54	23.61
		For Bituminous Coated Pipe, Add	*9.56*	
		For Bituminous Coated And 25% Paved, Add	*22.16*	
		For Smooth-Flo, Add	*44.78*	
33 42 11 00-0348	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	110.07	26.76
		For Bituminous Coated Pipe, Add	*11.76*	
		For Bituminous Coated And 25% Paved, Add	*27.25*	
		For Smooth-Flo, Add	*55.08*	
33 42 11 00-0349		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*		
33 42 11 00-0350	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	39.99	8.97
		For Bituminous Coated Pipe, Add	*3.82*	
		For Bituminous Coated And 25% Paved, Add	*6.90*	
		For Smooth-Flo, Add	*13.26*	
33 42 11 00-0351	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	45.46	9.72
		For Bituminous Coated Pipe, Add	*4.52*	
		For Bituminous Coated And 25% Paved, Add	*8.16*	
		For Smooth-Flo, Add	*15.68*	
33 42 11 00-0352	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	50.63	9.72
		For Bituminous Coated Pipe, Add	*5.12*	
		For Bituminous Coated And 25% Paved, Add	*9.25*	
		For Smooth-Flo, Add	*17.77*	
33 42 11 00-0353	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	65.91	13.46
		For Bituminous Coated Pipe, Add	*6.51*	
		For Bituminous Coated And 25% Paved, Add	*11.76*	
		For Smooth-Flo, Add	*22.60*	
33 42 11 00-0354	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	84.09	17.31
		For Bituminous Coated Pipe, Add	*8.05*	
		For Bituminous Coated And 25% Paved, Add	*14.54*	
		For Smooth-Flo, Add	*27.94*	
33 42 11 00-0355	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	95.57	20.46
		For Bituminous Coated Pipe, Add	*9.44*	
		For Bituminous Coated And 25% Paved, Add	*17.04*	
		For Smooth-Flo, Add	*32.75*	
33 42 11 00-0356	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	107.87	23.61
		For Bituminous Coated Pipe, Add	*10.65*	
		For Bituminous Coated And 25% Paved, Add	*19.24*	
		For Smooth-Flo, Add	*36.98*	
33 42 11 00-0357	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	126.99	26.76
		For Bituminous Coated Pipe, Add	*12.77*	
		For Bituminous Coated And 25% Paved, Add	*23.07*	
		For Smooth-Flo, Add	*44.33*	
33 42 11 00-0358	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	138.79	28.33
		For Bituminous Coated Pipe, Add	*13.99*	
		For Bituminous Coated And 25% Paved, Add	*25.26*	
		For Smooth-Flo, Add	*48.55*	
33 42 11 00-0359	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	167.99	34.62
		For Bituminous Coated Pipe, Add	*17.03*	
		For Bituminous Coated And 25% Paved, Add	*30.76*	
		For Smooth-Flo, Add	*59.11*	
33 42 11 00-0360		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*		
33 42 11 00-0361	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	94.92	17.31
		For Bituminous Coated Pipe, Add	*10.24*	
		For Bituminous Coated And 25% Paved, Add	*17.11*	
		For Smooth-Flo, Add	*24.41*	
33 42 11 00-0362	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	108.24	20.46
		For Bituminous Coated Pipe, Add	*12.00*	
		For Bituminous Coated And 25% Paved, Add	*20.04*	
		For Smooth-Flo, Add	*28.60*	
33 42 11 00-0363	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	122.25	23.61
		For Bituminous Coated Pipe, Add	*13.56*	
		For Bituminous Coated And 25% Paved, Add	*22.65*	
		For Smooth-Flo, Add	*32.32*	
33 42 11 00-0364	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	143.11	26.76
		For Bituminous Coated Pipe, Add	*16.06*	
		For Bituminous Coated And 25% Paved, Add	*26.83*	
		For Smooth-Flo, Add	*38.28*	
33 42 11 00-0365	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	156.72	28.33
		For Bituminous Coated Pipe, Add	*17.64*	
		For Bituminous Coated And 25% Paved, Add	*29.46*	
		For Smooth-Flo, Add	*42.04*	
33 42 11 00-0366	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	187.70	34.62
		For Bituminous Coated Pipe, Add	*21.10*	
		For Bituminous Coated And 25% Paved, Add	*35.25*	
		For Smooth-Flo, Add	*50.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0367	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	228.89	50.36
		For Bituminous Coated Pipe, Add	*22.66*	
		For Bituminous Coated And 25% Paved, Add	*37.85*	
		For Smooth-Flo, Add	*54.00*	
33 42 11 00-0368		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0369		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0370	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	76.72	17.31
		For Bituminous Coated Pipe, Add	*8.00*	
		For Bituminous Coated And 25% Paved, Add	*18.16*	
		For Smooth-Flo, Add	*36.15*	
33 42 11 00-0371	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	87.02	20.46
		For Bituminous Coated Pipe, Add	*9.39*	
		For Bituminous Coated And 25% Paved, Add	*21.32*	
		For Smooth-Flo, Add	*42.44*	
33 42 11 00-0372	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	97.86	23.61
		For Bituminous Coated Pipe, Add	*10.53*	
		For Bituminous Coated And 25% Paved, Add	*23.91*	
		For Smooth-Flo, Add	*47.60*	
33 42 11 00-0373	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	116.18	26.76
		For Bituminous Coated Pipe, Add	*12.87*	
		For Bituminous Coated And 25% Paved, Add	*29.21*	
		For Smooth-Flo, Add	*58.15*	
33 42 11 00-0374	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	126.58	28.33
		For Bituminous Coated Pipe, Add	*14.02*	
		For Bituminous Coated And 25% Paved, Add	*31.82*	
		For Smooth-Flo, Add	*63.35*	
33 42 11 00-0375	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	157.83	34.62
		For Bituminous Coated Pipe, Add	*18.00*	
		For Bituminous Coated And 25% Paved, Add	*40.87*	
		For Smooth-Flo, Add	*81.38*	
33 42 11 00-0376	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	196.11	50.36
		For Bituminous Coated Pipe, Add	*19.19*	
		For Bituminous Coated And 25% Paved, Add	*43.56*	
		For Smooth-Flo, Add	*86.74*	
33 42 11 00-0377	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	212.09	55.08
		For Bituminous Coated Pipe, Add	*20.38*	
		For Bituminous Coated And 25% Paved, Add	*46.27*	
		For Smooth-Flo, Add	*92.13*	
33 42 11 00-0378	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	225.92	59.02
		For Bituminous Coated Pipe, Add	*21.57*	
		For Bituminous Coated And 25% Paved, Add	*48.97*	
		For Smooth-Flo, Add	*97.51*	
33 42 11 00-0379	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	239.77	62.95
		For Bituminous Coated Pipe, Add	*22.77*	
		For Bituminous Coated And 25% Paved, Add	*51.69*	
		For Smooth-Flo, Add	*102.92*	
33 42 11 00-0380	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	254.14	66.90
		For Bituminous Coated Pipe, Add	*23.96*	
		For Bituminous Coated And 25% Paved, Add	*54.38*	
		For Smooth-Flo, Add	*108.28*	
33 42 11 00-0381	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	270.75	70.83
		For Bituminous Coated Pipe, Add	*25.16*	
		For Bituminous Coated And 25% Paved, Add	*57.10*	
		For Smooth-Flo, Add	*113.71*	
33 42 11 00-0382		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0383	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	126.32	26.76
		For Bituminous Coated Pipe, Add	*14.89*	
		For Bituminous Coated And 25% Paved, Add	*29.19*	
		For Smooth-Flo, Add	*58.98*	
33 42 11 00-0384	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	137.80	28.33
		For Bituminous Coated Pipe, Add	*16.26*	
		For Bituminous Coated And 25% Paved, Add	*31.87*	
		For Smooth-Flo, Add	*64.39*	
33 42 11 00-0385	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	170.17	34.62
		For Bituminous Coated Pipe, Add	*20.47*	
		For Bituminous Coated And 25% Paved, Add	*40.13*	
		For Smooth-Flo, Add	*81.07*	
33 42 11 00-0386	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	209.56	50.36
		For Bituminous Coated Pipe, Add	*21.88*	
		For Bituminous Coated And 25% Paved, Add	*42.88*	
		For Smooth-Flo, Add	*86.64*	
33 42 11 00-0387	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	226.61	55.08
		For Bituminous Coated Pipe, Add	*23.29*	
		For Bituminous Coated And 25% Paved, Add	*45.64*	
		For Smooth-Flo, Add	*92.21*	
33 42 11 00-0388	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	241.58	59.02
		For Bituminous Coated Pipe, Add	*24.71*	
		For Bituminous Coated And 25% Paved, Add	*48.42*	
		For Smooth-Flo, Add	*97.84*	
33 42 11 00-0389	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	256.49	62.95
		For Bituminous Coated Pipe, Add	*26.11*	
		For Bituminous Coated And 25% Paved, Add	*51.18*	
		For Smooth-Flo, Add	*103.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0390	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	271.96	66.90
		For Bituminous Coated Pipe, Add	*27.52*	
		For Bituminous Coated And 25% Paved, Add	*53.94*	
		For Smooth-Flo, Add	*108.98*	
33 42 11 00-0391	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	289.65	70.83
		For Bituminous Coated Pipe, Add	*28.94*	
		For Bituminous Coated And 25% Paved, Add	*56.71*	
		For Smooth-Flo, Add	*114.59*	
33 42 11 00-0392	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	309.15	78.70
		For Bituminous Coated Pipe, Add	*30.35*	
		For Bituminous Coated And 25% Paved, Add	*59.49*	
		For Smooth-Flo, Add	*120.19*	
33 42 11 00-0393	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	328.21	86.57
		For Bituminous Coated Pipe, Add	*31.74*	
		For Bituminous Coated And 25% Paved, Add	*62.21*	
		For Smooth-Flo, Add	*125.70*	
33 42 11 00-0394		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0395	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	162.68	28.33
		For Bituminous Coated Pipe, Add	*21.24*	
		For Bituminous Coated And 25% Paved, Add	*40.45*	
		For Smooth-Flo, Add	*65.94*	
33 42 11 00-0396	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	197.73	34.62
		For Bituminous Coated Pipe, Add	*25.98*	
		For Bituminous Coated And 25% Paved, Add	*49.50*	
		For Smooth-Flo, Add	*80.68*	
33 42 11 00-0397	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	239.52	50.36
		For Bituminous Coated Pipe, Add	*27.87*	
		For Bituminous Coated And 25% Paved, Add	*53.10*	
		For Smooth-Flo, Add	*86.54*	
33 42 11 00-0398	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	259.00	55.08
		For Bituminous Coated Pipe, Add	*29.76*	
		For Bituminous Coated And 25% Paved, Add	*56.70*	
		For Smooth-Flo, Add	*92.42*	
33 42 11 00-0399	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	276.38	59.02
		For Bituminous Coated Pipe, Add	*31.67*	
		For Bituminous Coated And 25% Paved, Add	*60.32*	
		For Smooth-Flo, Add	*98.32*	
33 42 11 00-0400	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	293.71	62.95
		For Bituminous Coated Pipe, Add	*33.56*	
		For Bituminous Coated And 25% Paved, Add	*63.93*	
		For Smooth-Flo, Add	*104.20*	
33 42 11 00-0401	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	311.64	66.90
		For Bituminous Coated Pipe, Add	*35.46*	
		For Bituminous Coated And 25% Paved, Add	*67.54*	
		For Smooth-Flo, Add	*110.09*	
33 42 11 00-0402	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	331.75	70.83
		For Bituminous Coated Pipe, Add	*37.36*	
		For Bituminous Coated And 25% Paved, Add	*71.16*	
		For Smooth-Flo, Add	*115.99*	
33 42 11 00-0403	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	353.64	78.70
		For Bituminous Coated Pipe, Add	*39.25*	
		For Bituminous Coated And 25% Paved, Add	*74.77*	
		For Smooth-Flo, Add	*121.87*	
33 42 11 00-0404	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	375.14	86.57
		For Bituminous Coated Pipe, Add	*41.13*	
		For Bituminous Coated And 25% Paved, Add	*78.35*	
		For Smooth-Flo, Add	*127.70*	
33 42 11 00-0405	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	395.77	94.44
		For Bituminous Coated Pipe, Add	*43.03*	
		For Bituminous Coated And 25% Paved, Add	*81.97*	
		For Smooth-Flo, Add	*133.61*	
33 42 11 00-0406		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0407	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	267.46	50.36
		For Bituminous Coated Pipe, Add	*33.46*	
		For Bituminous Coated And 25% Paved, Add	*63.57*	
		For Smooth-Flo, Add	*84.99*	
33 42 11 00-0408	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	289.23	55.08
		For Bituminous Coated Pipe, Add	*35.81*	
		For Bituminous Coated And 25% Paved, Add	*68.04*	
		For Smooth-Flo, Add	*90.96*	
33 42 11 00-0409	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	308.90	59.02
		For Bituminous Coated Pipe, Add	*38.17*	
		For Bituminous Coated And 25% Paved, Add	*72.52*	
		For Smooth-Flo, Add	*96.95*	
33 42 11 00-0410	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	328.53	62.95
		For Bituminous Coated Pipe, Add	*40.52*	
		For Bituminous Coated And 25% Paved, Add	*76.99*	
		For Smooth-Flo, Add	*102.93*	
33 42 11 00-0411	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	348.75	66.90
		For Bituminous Coated Pipe, Add	*42.88*	
		For Bituminous Coated And 25% Paved, Add	*81.47*	
		For Smooth-Flo, Add	*108.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0412	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	371.16	70.83
		For Bituminous Coated Pipe, Add	*45.24*	
		For Bituminous Coated And 25% Paved, Add	*85.95*	
		For Smooth-Flo, Add	*114.90*	
33 42 11 00-0413	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	395.33	78.70
		For Bituminous Coated Pipe, Add	*47.59*	
		For Bituminous Coated And 25% Paved, Add	*90.42*	
		For Smooth-Flo, Add	*120.87*	
33 42 11 00-0414	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	419.11	86.57
		For Bituminous Coated Pipe, Add	*49.92*	
		For Bituminous Coated And 25% Paved, Add	*94.85*	
		For Smooth-Flo, Add	*126.80*	
33 42 11 00-0415	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	442.05	94.44
		For Bituminous Coated Pipe, Add	*52.29*	
		For Bituminous Coated And 25% Paved, Add	*99.34*	
		For Smooth-Flo, Add	*132.81*	
33 42 11 00-0416	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	466.43	102.31
		For Bituminous Coated Pipe, Add	*54.63*	
		For Bituminous Coated And 25% Paved, Add	*103.79*	
		For Smooth-Flo, Add	*138.76*	
33 42 11 00-0417	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	492.82	110.18
		For Bituminous Coated Pipe, Add	*56.99*	
		For Bituminous Coated And 25% Paved, Add	*108.28*	
		For Smooth-Flo, Add	*144.75*	
33 42 11 00-0418	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	521.61	118.05
		For Bituminous Coated Pipe, Add	*59.35*	
		For Bituminous Coated And 25% Paved, Add	*112.77*	
		For Smooth-Flo, Add	*150.75*	
33 42 11 00-0419		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0420		16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*		
33 42 11 00-0421	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	98.16	23.61
		For Bituminous Coated Pipe, Add	*13.24*	
		For Bituminous Coated And 25% Paved, Add	*30.19*	
		For Smooth-Flo, Add	*47.93*	
33 42 11 00-0422	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	116.74	26.76
		For Bituminous Coated Pipe, Add	*16.22*	
		For Bituminous Coated And 25% Paved, Add	*36.99*	
		For Smooth-Flo, Add	*58.73*	
33 42 11 00-0423	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	127.08	28.33
		For Bituminous Coated Pipe, Add	*17.65*	
		For Bituminous Coated And 25% Paved, Add	*40.23*	
		For Smooth-Flo, Add	*63.87*	
33 42 11 00-0424	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	156.66	34.62
		For Bituminous Coated Pipe, Add	*22.21*	
		For Bituminous Coated And 25% Paved, Add	*50.64*	
		For Smooth-Flo, Add	*80.41*	
33 42 11 00-0425	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	194.81	50.36
		For Bituminous Coated Pipe, Add	*23.66*	
		For Bituminous Coated And 25% Paved, Add	*53.95*	
		For Smooth-Flo, Add	*85.66*	
33 42 11 00-0426	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	210.61	55.08
		For Bituminous Coated Pipe, Add	*25.11*	
		For Bituminous Coated And 25% Paved, Add	*57.25*	
		For Smooth-Flo, Add	*90.89*	
33 42 11 00-0427	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	224.23	59.02
		For Bituminous Coated Pipe, Add	*26.55*	
		For Bituminous Coated And 25% Paved, Add	*60.52*	
		For Smooth-Flo, Add	*96.09*	
33 42 11 00-0428	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	237.83	62.95
		For Bituminous Coated Pipe, Add	*27.98*	
		For Bituminous Coated And 25% Paved, Add	*63.79*	
		For Smooth-Flo, Add	*101.28*	
33 42 11 00-0429	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	252.09	66.90
		For Bituminous Coated Pipe, Add	*29.43*	
		For Bituminous Coated And 25% Paved, Add	*67.11*	
		For Smooth-Flo, Add	*106.55*	
33 42 11 00-0430	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	268.66	70.83
		For Bituminous Coated Pipe, Add	*30.92*	
		For Bituminous Coated And 25% Paved, Add	*70.50*	
		For Smooth-Flo, Add	*111.94*	
33 42 11 00-0431		14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*		
33 42 11 00-0432	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	129.42	26.76
		For Bituminous Coated Pipe, Add	*15.51*	
		For Bituminous Coated And 25% Paved, Add	*36.46*	
		For Smooth-Flo, Add	*66.01*	
33 42 11 00-0433	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	141.17	28.33
		For Bituminous Coated Pipe, Add	*16.93*	
		For Bituminous Coated And 25% Paved, Add	*39.79*	
		For Smooth-Flo, Add	*72.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0434	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	172.04	34.62
		For Bituminous Coated Pipe, Add	*20.85*	
		For Bituminous Coated And 25% Paved, Add	*48.99*	
		For Smooth-Flo, Add	*88.70*	
33 42 11 00-0435	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	211.42	50.36
		For Bituminous Coated Pipe, Add	*22.25*	
		For Bituminous Coated And 25% Paved, Add	*52.29*	
		For Smooth-Flo, Add	*94.68*	
33 42 11 00-0436	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	228.72	55.08
		For Bituminous Coated Pipe, Add	*23.71*	
		For Bituminous Coated And 25% Paved, Add	*55.71*	
		For Smooth-Flo, Add	*100.88*	
33 42 11 00-0437	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	243.76	59.02
		For Bituminous Coated Pipe, Add	*25.14*	
		For Bituminous Coated And 25% Paved, Add	*59.08*	
		For Smooth-Flo, Add	*106.98*	
33 42 11 00-0438	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	258.06	62.95
		For Bituminous Coated Pipe, Add	*26.43*	
		For Bituminous Coated And 25% Paved, Add	*62.11*	
		For Smooth-Flo, Add	*112.45*	
33 42 11 00-0439	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	274.37	66.90
		For Bituminous Coated Pipe, Add	*28.00*	
		For Bituminous Coated And 25% Paved, Add	*65.80*	
		For Smooth-Flo, Add	*119.15*	
33 42 11 00-0440	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	292.13	70.83
		For Bituminous Coated Pipe, Add	*29.43*	
		For Bituminous Coated And 25% Paved, Add	*69.17*	
		For Smooth-Flo, Add	*125.23*	
33 42 11 00-0441	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	311.63	78.70
		For Bituminous Coated Pipe, Add	*30.85*	
		For Bituminous Coated And 25% Paved, Add	*72.49*	
		For Smooth-Flo, Add	*131.26*	
33 42 11 00-0442	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	331.00	86.57
		For Bituminous Coated Pipe, Add	*32.30*	
		For Bituminous Coated And 25% Paved, Add	*75.91*	
		For Smooth-Flo, Add	*137.44*	

33 42 11 00-0443 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

33 42 11 00-0444	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	167.56	28.33
		For Bituminous Coated Pipe, Add	*22.21*	
		For Bituminous Coated And 25% Paved, Add	*42.20*	
		For Smooth-Flo, Add	*76.19*	
33 42 11 00-0445	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	201.10	34.62
		For Bituminous Coated Pipe, Add	*26.66*	
		For Bituminous Coated And 25% Paved, Add	*50.65*	
		For Smooth-Flo, Add	*91.44*	
33 42 11 00-0446	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	243.25	50.36
		For Bituminous Coated Pipe, Add	*28.62*	
		For Bituminous Coated And 25% Paved, Add	*54.37*	
		For Smooth-Flo, Add	*98.16*	
33 42 11 00-0447	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	263.00	55.08
		For Bituminous Coated Pipe, Add	*30.56*	
		For Bituminous Coated And 25% Paved, Add	*58.07*	
		For Smooth-Flo, Add	*104.83*	
33 42 11 00-0448	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	280.51	59.02
		For Bituminous Coated Pipe, Add	*32.49*	
		For Bituminous Coated And 25% Paved, Add	*61.73*	
		For Smooth-Flo, Add	*111.45*	
33 42 11 00-0449	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	298.16	62.95
		For Bituminous Coated Pipe, Add	*34.45*	
		For Bituminous Coated And 25% Paved, Add	*65.45*	
		For Smooth-Flo, Add	*118.16*	
33 42 11 00-0450	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	316.31	66.90
		For Bituminous Coated Pipe, Add	*36.39*	
		For Bituminous Coated And 25% Paved, Add	*69.14*	
		For Smooth-Flo, Add	*124.82*	
33 42 11 00-0451	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	336.61	70.83
		For Bituminous Coated Pipe, Add	*38.33*	
		For Bituminous Coated And 25% Paved, Add	*72.82*	
		For Smooth-Flo, Add	*131.47*	
33 42 11 00-0452	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	358.81	78.70
		For Bituminous Coated Pipe, Add	*40.28*	
		For Bituminous Coated And 25% Paved, Add	*76.54*	
		For Smooth-Flo, Add	*138.17*	
33 42 11 00-0453	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	380.63	86.57
		For Bituminous Coated Pipe, Add	*42.23*	
		For Bituminous Coated And 25% Paved, Add	*80.23*	
		For Smooth-Flo, Add	*144.84*	
33 42 11 00-0454	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	401.46	94.44
		For Bituminous Coated Pipe, Add	*44.17*	
		For Bituminous Coated And 25% Paved, Add	*83.92*	
		For Smooth-Flo, Add	*151.50*	

33 42 11 00-0455 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0456	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	273.73	50.36
		For Bituminous Coated Pipe, Add	*34.71*	
		For Bituminous Coated And 25% Paved, Add	*65.96*	
		For Smooth-Flo, Add	*103.62*	
33 42 11 00-0457	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	296.31	55.08
		For Bituminous Coated Pipe, Add	*37.23*	
		For Bituminous Coated And 25% Paved, Add	*70.73*	
		For Smooth-Flo, Add	*111.12*	
33 42 11 00-0458	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	316.48	59.02
		For Bituminous Coated Pipe, Add	*39.69*	
		For Bituminous Coated And 25% Paved, Add	*75.40*	
		For Smooth-Flo, Add	*118.46*	
33 42 11 00-0459	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	336.53	62.95
		For Bituminous Coated Pipe, Add	*42.12*	
		For Bituminous Coated And 25% Paved, Add	*80.03*	
		For Smooth-Flo, Add	*125.73*	
33 42 11 00-0460	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	357.29	66.90
		For Bituminous Coated Pipe, Add	*44.59*	
		For Bituminous Coated And 25% Paved, Add	*84.71*	
		For Smooth-Flo, Add	*133.09*	
33 42 11 00-0461	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	380.10	70.83
		For Bituminous Coated Pipe, Add	*47.03*	
		For Bituminous Coated And 25% Paved, Add	*89.35*	
		For Smooth-Flo, Add	*140.37*	
33 42 11 00-0462	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	404.82	78.70
		For Bituminous Coated Pipe, Add	*49.49*	
		For Bituminous Coated And 25% Paved, Add	*94.02*	
		For Smooth-Flo, Add	*147.72*	
33 42 11 00-0463	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	429.20	86.57
		For Bituminous Coated Pipe, Add	*51.94*	
		For Bituminous Coated And 25% Paved, Add	*98.69*	
		For Smooth-Flo, Add	*155.04*	
33 42 11 00-0464	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	452.52	94.44
		For Bituminous Coated Pipe, Add	*54.38*	
		For Bituminous Coated And 25% Paved, Add	*103.32*	
		For Smooth-Flo, Add	*162.32*	
33 42 11 00-0465	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	481.31	102.31
		For Bituminous Coated Pipe, Add	*57.60*	
		For Bituminous Coated And 25% Paved, Add	*109.45*	
		For Smooth-Flo, Add	*171.95*	
33 42 11 00-0466	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	509.18	110.18
		For Bituminous Coated Pipe, Add	*60.26*	
		For Bituminous Coated And 25% Paved, Add	*114.49*	
		For Smooth-Flo, Add	*179.88*	
33 42 11 00-0467	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	539.96	118.05
		For Bituminous Coated Pipe, Add	*63.02*	
		For Bituminous Coated And 25% Paved, Add	*119.74*	
		For Smooth-Flo, Add	*188.12*	

33 42 11 00-0468 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0469 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0470	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	35.02	8.97
		For Bituminous Coated Pipe, Add	*4.08*	
33 42 11 00-0471	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	39.75	9.72
		For Bituminous Coated Pipe, Add	*4.86*	
33 42 11 00-0472	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	44.20	10.47
		For Bituminous Coated Pipe, Add	*5.52*	
33 42 11 00-0473	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	58.13	13.46
		For Bituminous Coated Pipe, Add	*7.11*	
33 42 11 00-0474	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	74.99	17.31
		For Bituminous Coated Pipe, Add	*8.91*	
33 42 11 00-0475	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	85.18	20.46
		For Bituminous Coated Pipe, Add	*10.51*	
33 42 11 00-0476	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	95.98	23.61
		For Bituminous Coated Pipe, Add	*11.83*	
33 42 11 00-0477	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	114.04	26.76
		For Bituminous Coated Pipe, Add	*14.49*	
33 42 11 00-0478	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	124.40	28.33
		For Bituminous Coated Pipe, Add	*15.82*	

33 42 11 00-0479 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0480	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	37.94	8.97
		For Bituminous Coated Pipe, Add	*4.72*	
33 42 11 00-0481	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	43.17	9.72
		For Bituminous Coated Pipe, Add	*5.61*	
33 42 11 00-0482	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	48.09	10.47
		For Bituminous Coated Pipe, Add	*6.37*	
33 42 11 00-0483	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	62.97	13.46
		For Bituminous Coated Pipe, Add	*8.17*	
33 42 11 00-0484	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	80.81	17.31
		For Bituminous Coated Pipe, Add	*10.18*	
33 42 11 00-0485	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	91.99	20.46
		For Bituminous Coated Pipe, Add	*11.99*	
33 42 11 00-0486	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	103.75	23.61
		For Bituminous Coated Pipe, Add	*13.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0487	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	122.79	26.76
		For Bituminous Coated Pipe, Add	*16.39*	
33 42 11 00-0488	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	134.14	28.33
		For Bituminous Coated Pipe, Add	*17.93*	
33 42 11 00-0489	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	164.26	34.62
		For Bituminous Coated Pipe, Add	*22.28*	
33 42 11 00-0490	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	203.22	50.36
		For Bituminous Coated Pipe, Add	*23.81*	
33 42 11 00-0491	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	219.96	55.08
		For Bituminous Coated Pipe, Add	*25.36*	

33 42 11 00-0492 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0493	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	72.77	13.46
		For Bituminous Coated Pipe, Add	*8.54*	
33 42 11 00-0494	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	92.52	17.31
		For Bituminous Coated Pipe, Add	*10.54*	
33 42 11 00-0495	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	105.70	20.46
		For Bituminous Coated Pipe, Add	*12.40*	
33 42 11 00-0496	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	119.40	23.61
		For Bituminous Coated Pipe, Add	*14.02*	
33 42 11 00-0497	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	140.41	26.76
		For Bituminous Coated Pipe, Add	*16.74*	
33 42 11 00-0498	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	153.74	28.33
		For Bituminous Coated Pipe, Add	*18.38*	
33 42 11 00-0499	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	185.77	34.62
		For Bituminous Coated Pipe, Add	*22.29*	
33 42 11 00-0500	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	226.66	50.36
		For Bituminous Coated Pipe, Add	*23.91*	
33 42 11 00-0501	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	245.33	55.08
		For Bituminous Coated Pipe, Add	*25.54*	
33 42 11 00-0502	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	261.81	59.02
		For Bituminous Coated Pipe, Add	*27.17*	
33 42 11 00-0503	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	278.27	62.95
		For Bituminous Coated Pipe, Add	*28.79*	
33 42 11 00-0504	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	295.30	66.90
		For Bituminous Coated Pipe, Add	*30.42*	
33 42 11 00-0505	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	313.55	70.83
		For Bituminous Coated Pipe, Add	*31.86*	

33 42 11 00-0506 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0507 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0506)*

33 42 11 00-0508	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.22	4.49
		For Bituminous Coated Pipe, Add	*1.04*	
33 42 11 00-0509	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.09	4.49
		For Bituminous Coated Pipe, Add	*1.25*	
33 42 11 00-0510	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	16.50	5.61
		For Bituminous Coated Pipe, Add	*1.38*	
33 42 11 00-0511	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	17.61	5.61
		For Bituminous Coated Pipe, Add	*1.65*	
33 42 11 00-0512	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	20.87	6.73
		For Bituminous Coated Pipe, Add	*1.73*	
33 42 11 00-0513	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	22.28	6.73
		For Bituminous Coated Pipe, Add	*2.08*	

33 42 11 00-0514 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0506)*

33 42 11 00-0515	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.35	4.49
		For Bituminous Coated Pipe, Add	*1.03*	
33 42 11 00-0516	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.19	4.49
		For Bituminous Coated Pipe, Add	*1.23*	
33 42 11 00-0517	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	16.62	5.61
		For Bituminous Coated Pipe, Add	*1.35*	
33 42 11 00-0518	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	17.80	5.61
		For Bituminous Coated Pipe, Add	*1.63*	
33 42 11 00-0519	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	21.08	6.73
		For Bituminous Coated Pipe, Add	*1.71*	
33 42 11 00-0520	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	22.52	6.73
		For Bituminous Coated Pipe, Add	*2.05*	

33 42 11 00-0521 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0506)*

33 42 11 00-0522	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	6.44	
		For Bituminous Coated Pipe, Add	*1.45*	
33 42 11 00-0523	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	8.52	
		For Bituminous Coated Pipe, Add	*1.92*	
33 42 11 00-0524	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	10.45	
		For Bituminous Coated Pipe, Add	*2.35*	
33 42 11 00-0525	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.22	
		For Bituminous Coated Pipe, Add	*3.20*	
33 42 11 00-0526	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	6.24	
		For Bituminous Coated Pipe, Add	*0.73*	
33 42 11 00-0527	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	7.73	
		For Bituminous Coated Pipe, Add	*1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0528		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0529		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0530	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	38.04	7.85
33 42 11 00-0531	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	44.26	8.22
33 42 11 00-0532	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	50.69	8.97
33 42 11 00-0533	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	58.55	9.72
33 42 11 00-0534	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	65.18	10.47
33 42 11 00-0535	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	85.51	13.46
33 42 11 00-0536	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	109.81	17.31
33 42 11 00-0537	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	126.52	20.46
33 42 11 00-0538	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	142.05	23.61
33 42 11 00-0539		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0540	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	42.74	7.85
33 42 11 00-0541	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	50.09	8.22
33 42 11 00-0542	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	57.67	8.97
33 42 11 00-0543	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	66.63	9.72
33 42 11 00-0544	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	74.56	10.47
33 42 11 00-0545	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	97.03	13.46
33 42 11 00-0546	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	123.72	17.31
33 42 11 00-0547	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	142.48	20.46
33 42 11 00-0548	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	160.26	23.61
33 42 11 00-0549	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	193.37	26.76
33 42 11 00-0550		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0551	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	72.21	8.97
33 42 11 00-0552	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	83.61	9.72
33 42 11 00-0553	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	93.87	10.47
33 42 11 00-0554	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	121.15	13.46
33 42 11 00-0555	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	146.75	17.31
33 42 11 00-0556	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	176.22	20.46
33 42 11 00-0557	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	198.77	23.61
33 42 11 00-0558	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	237.31	26.76
33 42 11 00-0559	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	259.28	28.33
33 42 11 00-0560	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	317.23	34.62
33 42 11 00-0561		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0562	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	179.10	17.31
33 42 11 00-0563	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	206.96	20.46
33 42 11 00-0564	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	233.69	23.61
33 42 11 00-0565	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	276.43	26.76
33 42 11 00-0566	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	302.82	28.33
33 42 11 00-0567	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	365.05	34.62
33 42 11 00-0568	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	418.84	50.36
33 42 11 00-0569		3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0570		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0571	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	136.51	17.31
33 42 11 00-0572	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	157.31	20.46
33 42 11 00-0573	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	176.57	23.61
33 42 11 00-0574	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	213.01	26.76
33 42 11 00-0575	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	231.94	28.33
33 42 11 00-0576	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	294.34	34.62
33 42 11 00-0577	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	341.43	50.36
33 42 11 00-0578	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	366.19	55.08
33 42 11 00-0579	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	388.85	59.02
33 42 11 00-0580	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	411.53	62.95
33 42 11 00-0581	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	434.70	66.90
33 42 11 00-0582	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	460.18	70.83
33 42 11 00-0583		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0584	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	238.15	26.76
33 42 11 00-0585	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	259.73	28.33
33 42 11 00-0586	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	324.95	34.62
33 42 11 00-0587	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	374.73	50.36
33 42 11 00-0588	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	402.21	55.08
33 42 11 00-0589	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	427.69	59.02
33 42 11 00-0590	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	453.01	62.95
33 42 11 00-0591	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	478.89	66.90
33 42 11 00-0592	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	507.10	70.83
33 42 11 00-0593	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	537.06	78.70
33 42 11 00-0594	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	566.39	86.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0595		**12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0569)*		
33 42 11 00-0596	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	322.97	28.33
33 42 11 00-0597	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	395.30	34.62
33 42 11 00-0598	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	451.18	50.36
33 42 11 00-0599	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	484.79	55.08
33 42 11 00-0600	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	516.36	59.02
33 42 11 00-0601	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	547.82	62.95
33 42 11 00-0602	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	579.88	66.90
33 42 11 00-0603	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	614.19	70.83
33 42 11 00-0604	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	650.20	78.70
33 42 11 00-0605	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	685.74	86.57
33 42 11 00-0606	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	720.57	94.44
33 42 11 00-0607		**10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0569)*		
33 42 11 00-0608	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	520.84	50.36
33 42 11 00-0609	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	560.12	55.08
33 42 11 00-0610	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	597.42	59.02
33 42 11 00-0611	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	634.58	62.95
33 42 11 00-0612	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	672.37	66.90
33 42 11 00-0613	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	712.39	70.83
33 42 11 00-0614	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	754.12	78.70
33 42 11 00-0615	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	795.35	86.57
33 42 11 00-0616	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	835.90	94.44
33 42 11 00-0617	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	877.78	102.31
33 42 11 00-0618	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	921.78	110.18
33 42 11 00-0619	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	968.20	118.05
33 42 11 00-0620		**125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0326)*		
33 42 11 00-0621		**16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0620)*		
33 42 11 00-0622	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	171.15	23.61
33 42 11 00-0623	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	207.04	26.76
33 42 11 00-0624	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	225.10	28.33
33 42 11 00-0625	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	281.63	34.62
33 42 11 00-0626	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	327.69	50.36
33 42 11 00-0627	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	351.36	55.08
33 42 11 00-0628	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	372.80	59.02
33 42 11 00-0629	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	394.18	62.95
33 42 11 00-0630	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	416.34	66.90
33 42 11 00-0631	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	441.06	70.83
33 42 11 00-0632		**14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0620)*		
33 42 11 00-0633	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	236.91	26.76
33 42 11 00-0634	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	258.37	28.33
33 42 11 00-0635	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	317.91	34.62
33 42 11 00-0636	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	366.89	50.36
33 42 11 00-0637	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	394.11	55.08
33 42 11 00-0638	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	418.87	59.02
33 42 11 00-0639	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	441.92	62.95
33 42 11 00-0640	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	468.92	66.90
33 42 11 00-0641	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	496.42	70.83
33 42 11 00-0642	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	525.53	78.70
33 42 11 00-0643	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	554.78	86.57
33 42 11 00-0644		**12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0620)*		
33 42 11 00-0645	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	325.04	28.33
33 42 11 00-0646	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	391.68	34.62
33 42 11 00-0647	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	447.63	50.36
33 42 11 00-0648	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	480.97	55.08
33 42 11 00-0649	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	511.99	59.02
33 42 11 00-0650	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	543.36	62.95
33 42 11 00-0651	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	575.13	66.90
33 42 11 00-0652	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	608.97	70.83
33 42 11 00-0653	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	644.89	78.70
33 42 11 00-0654	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	680.32	86.57
33 42 11 00-0655	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	714.74	94.44
33 42 11 00-0656		**10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping** *(33 42 11 00-0620)*		
33 42 11 00-0657	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	520.81	50.36
33 42 11 00-0658	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	560.96	55.08
33 42 11 00-0659	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	598.38	59.02
33 42 11 00-0660	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	635.52	62.95
33 42 11 00-0661	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	673.48	66.90
33 42 11 00-0662	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	713.44	70.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0663	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	755.35	78.70
33 42 11 00-0664	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	796.92	86.57
33 42 11 00-0665	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	837.38	94.44
33 42 11 00-0666	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	888.73	102.31
33 42 11 00-0667	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	935.24	110.18
33 42 11 00-0668	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	985.34	118.05

33 42 11 00-0669 Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0325)*

33 42 11 00-0670 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*

33 42 11 00-0671 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*

33 42 11 00-0672	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	28.80	8.22
		For Bituminous Coated Pipe, Add	*2.97*	
		For Bituminous Coated And 25% Paved, Add	*7.17*	
		For Smooth-Flo, Add	*11.83*	
33 42 11 00-0673	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	31.74	8.97
		For Bituminous Coated Pipe, Add	*3.54*	
		For Bituminous Coated And 25% Paved, Add	*8.57*	
		For Smooth-Flo, Add	*14.13*	
33 42 11 00-0674	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	36.02	9.72
		For Bituminous Coated Pipe, Add	*4.27*	
		For Bituminous Coated And 25% Paved, Add	*10.31*	
		For Smooth-Flo, Add	*17.01*	
33 42 11 00-0675	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	40.24	10.47
		For Bituminous Coated Pipe, Add	*4.91*	
		For Bituminous Coated And 25% Paved, Add	*11.88*	
		For Smooth-Flo, Add	*19.59*	
33 42 11 00-0676	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	52.67	13.46
		For Bituminous Coated Pipe, Add	*6.24*	
		For Bituminous Coated And 25% Paved, Add	*15.09*	
		For Smooth-Flo, Add	*24.88*	
33 42 11 00-0677	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	69.05	17.31
		For Bituminous Coated Pipe, Add	*8.05*	
		For Bituminous Coated And 25% Paved, Add	*19.46*	
		For Smooth-Flo, Add	*32.09*	

33 42 11 00-0678 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*

33 42 11 00-0679	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	31.21	8.22
		For Bituminous Coated Pipe, Add	*3.08*	
		For Bituminous Coated And 25% Paved, Add	*7.20*	
		For Smooth-Flo, Add	*11.81*	
33 42 11 00-0680	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	34.68	8.97
		For Bituminous Coated Pipe, Add	*3.69*	
		For Bituminous Coated And 25% Paved, Add	*8.64*	
		For Smooth-Flo, Add	*14.17*	
33 42 11 00-0681	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	39.30	9.72
		For Bituminous Coated Pipe, Add	*4.39*	
		For Bituminous Coated And 25% Paved, Add	*10.27*	
		For Smooth-Flo, Add	*16.84*	
33 42 11 00-0682	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	44.04	10.47
		For Bituminous Coated Pipe, Add	*5.06*	
		For Bituminous Coated And 25% Paved, Add	*11.84*	
		For Smooth-Flo, Add	*19.41*	
33 42 11 00-0683	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	57.41	13.46
		For Bituminous Coated Pipe, Add	*6.41*	
		For Bituminous Coated And 25% Paved, Add	*14.99*	
		For Smooth-Flo, Add	*24.59*	
33 42 11 00-0684	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	74.69	17.31
		For Bituminous Coated Pipe, Add	*8.16*	
		For Bituminous Coated And 25% Paved, Add	*19.09*	
		For Smooth-Flo, Add	*31.32*	
33 42 11 00-0685	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	85.29	20.46
		For Bituminous Coated Pipe, Add	*9.72*	
		For Bituminous Coated And 25% Paved, Add	*22.75*	
		For Smooth-Flo, Add	*37.31*	

33 42 11 00-0686 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*

33 42 11 00-0687	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	44.57	9.44
		For Bituminous Coated Pipe, Add	*3.99*	
		For Bituminous Coated And 25% Paved, Add	*8.89*	
		For Smooth-Flo, Add	*13.66*	
33 42 11 00-0688	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	50.57	10.23
		For Bituminous Coated Pipe, Add	*4.74*	
		For Bituminous Coated And 25% Paved, Add	*10.54*	
		For Smooth-Flo, Add	*16.21*	
33 42 11 00-0689	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	56.58	11.02
		For Bituminous Coated Pipe, Add	*5.43*	
		For Bituminous Coated And 25% Paved, Add	*12.09*	
		For Smooth-Flo, Add	*18.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0690	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	73.44	14.16
		For Bituminous Coated Pipe, Add	*6.84*	
		For Bituminous Coated And 25% Paved, Add	*15.22*	
		For Smooth-Flo, Add	*23.41*	
33 42 11 00-0691	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	86.20	17.31
		For Bituminous Coated Pipe, Add	*8.56*	
		For Bituminous Coated And 25% Paved, Add	*19.05*	
		For Smooth-Flo, Add	*29.29*	
33 42 11 00-0692	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	98.58	20.46
		For Bituminous Coated Pipe, Add	*10.12*	
		For Bituminous Coated And 25% Paved, Add	*22.53*	
		For Smooth-Flo, Add	*34.64*	
33 42 11 00-0693	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	114.59	23.61
		For Bituminous Coated Pipe, Add	*12.00*	
		For Bituminous Coated And 25% Paved, Add	*26.72*	
		For Smooth-Flo, Add	*41.08*	
33 42 11 00-0694	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	128.47	26.76
		For Bituminous Coated Pipe, Add	*13.26*	
		For Bituminous Coated And 25% Paved, Add	*29.50*	
		For Smooth-Flo, Add	*45.36*	

33 42 11 00-0695 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*

33 42 11 00-0696	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	97.04	17.31
		For Bituminous Coated Pipe, Add	*10.31*	
		For Bituminous Coated And 25% Paved, Add	*21.71*	
		For Smooth-Flo, Add	*27.38*	
33 42 11 00-0697	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	111.21	20.46
		For Bituminous Coated Pipe, Add	*12.16*	
		For Bituminous Coated And 25% Paved, Add	*25.61*	
		For Smooth-Flo, Add	*32.30*	
33 42 11 00-0698	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	128.90	23.61
		For Bituminous Coated Pipe, Add	*14.31*	
		For Bituminous Coated And 25% Paved, Add	*30.13*	
		For Smooth-Flo, Add	*38.00*	
33 42 11 00-0699	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	144.66	26.76
		For Bituminous Coated Pipe, Add	*15.87*	
		For Bituminous Coated And 25% Paved, Add	*33.41*	
		For Smooth-Flo, Add	*42.14*	
33 42 11 00-0700	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	158.39	28.33
		For Bituminous Coated Pipe, Add	*17.42*	
		For Bituminous Coated And 25% Paved, Add	*36.68*	
		For Smooth-Flo, Add	*46.26*	

33 42 11 00-0701 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*

33 42 11 00-0702 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*

33 42 11 00-0703	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	128.32	26.76
		For Bituminous Coated Pipe, Add	*15.29*	
		For Bituminous Coated And 25% Paved, Add	*46.49*	
		For Smooth-Flo, Add	*52.00*	
33 42 11 00-0704	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	140.18	28.33
		For Bituminous Coated Pipe, Add	*16.74*	
		For Bituminous Coated And 25% Paved, Add	*50.88*	
		For Smooth-Flo, Add	*56.90*	
33 42 11 00-0705	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	172.91	34.62
		For Bituminous Coated Pipe, Add	*21.02*	
		For Bituminous Coated And 25% Paved, Add	*63.90*	
		For Smooth-Flo, Add	*71.47*	
33 42 11 00-0706	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	212.84	50.36
		For Bituminous Coated Pipe, Add	*22.54*	
		For Bituminous Coated And 25% Paved, Add	*68.51*	
		For Smooth-Flo, Add	*76.62*	
33 42 11 00-0707	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	230.81	55.08
		For Bituminous Coated Pipe, Add	*24.13*	
		For Bituminous Coated And 25% Paved, Add	*73.34*	
		For Smooth-Flo, Add	*82.03*	
33 42 11 00-0708	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	246.69	59.02
		For Bituminous Coated Pipe, Add	*25.73*	
		For Bituminous Coated And 25% Paved, Add	*78.21*	
		For Smooth-Flo, Add	*87.48*	
33 42 11 00-0709	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	262.51	62.95
		For Bituminous Coated Pipe, Add	*27.32*	
		For Bituminous Coated And 25% Paved, Add	*83.05*	
		For Smooth-Flo, Add	*92.88*	
33 42 11 00-0710	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	278.89	66.90
		For Bituminous Coated Pipe, Add	*28.91*	
		For Bituminous Coated And 25% Paved, Add	*87.87*	
		For Smooth-Flo, Add	*98.28*	

33 42 11 00-0711 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*

33 42 11 00-0712	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	165.09	28.33
		For Bituminous Coated Pipe, Add	*21.72*	
		For Bituminous Coated And 25% Paved, Add	*56.90*	
		For Smooth-Flo, Add	*67.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0713	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	200.54	34.62
		For Bituminous Coated Pipe, Add	*26.55*	
		For Bituminous Coated And 25% Paved, Add	*69.55*	
		For Smooth-Flo, Add	*82.29*	
33 42 11 00-0714	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	242.91	50.36
		For Bituminous Coated Pipe, Add	*28.55*	
		For Bituminous Coated And 25% Paved, Add	*74.80*	
		For Smooth-Flo, Add	*88.51*	
33 42 11 00-0715	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	263.32	55.08
		For Bituminous Coated Pipe, Add	*30.63*	
		For Bituminous Coated And 25% Paved, Add	*80.25*	
		For Smooth-Flo, Add	*94.95*	
33 42 11 00-0716	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	281.62	59.02
		For Bituminous Coated Pipe, Add	*32.71*	
		For Bituminous Coated And 25% Paved, Add	*85.71*	
		For Smooth-Flo, Add	*101.41*	
33 42 11 00-0717	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	299.89	62.95
		For Bituminous Coated Pipe, Add	*34.79*	
		For Bituminous Coated And 25% Paved, Add	*91.16*	
		For Smooth-Flo, Add	*107.86*	
33 42 11 00-0718	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	318.69	66.90
		For Bituminous Coated Pipe, Add	*36.87*	
		For Bituminous Coated And 25% Paved, Add	*96.59*	
		For Smooth-Flo, Add	*114.28*	
33 42 11 00-0719	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	339.78	70.83
		For Bituminous Coated Pipe, Add	*38.96*	
		For Bituminous Coated And 25% Paved, Add	*102.08*	
		For Smooth-Flo, Add	*120.78*	
33 42 11 00-0720	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	362.61	78.70
		For Bituminous Coated Pipe, Add	*41.04*	
		For Bituminous Coated And 25% Paved, Add	*107.54*	
		For Smooth-Flo, Add	*127.24*	
33 42 11 00-0721	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	386.16	86.57
		For Bituminous Coated Pipe, Add	*43.33*	
		For Bituminous Coated And 25% Paved, Add	*113.53*	
		For Smooth-Flo, Add	*134.33*	
33 42 11 00-0722		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*		
33 42 11 00-0723	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	270.85	50.36
		For Bituminous Coated Pipe, Add	*34.14*	
		For Bituminous Coated And 25% Paved, Add	*81.25*	
		For Smooth-Flo, Add	*88.25*	
33 42 11 00-0724	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	293.57	55.08
		For Bituminous Coated Pipe, Add	*36.68*	
		For Bituminous Coated And 25% Paved, Add	*87.29*	
		For Smooth-Flo, Add	*94.81*	
33 42 11 00-0725	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	314.16	59.02
		For Bituminous Coated Pipe, Add	*39.22*	
		For Bituminous Coated And 25% Paved, Add	*93.35*	
		For Smooth-Flo, Add	*101.39*	
33 42 11 00-0726	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	334.69	62.95
		For Bituminous Coated Pipe, Add	*41.75*	
		For Bituminous Coated And 25% Paved, Add	*99.37*	
		For Smooth-Flo, Add	*107.93*	
33 42 11 00-0727	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	355.80	66.90
		For Bituminous Coated Pipe, Add	*44.29*	
		For Bituminous Coated And 25% Paved, Add	*105.41*	
		For Smooth-Flo, Add	*114.48*	
33 42 11 00-0728	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	379.16	70.83
		For Bituminous Coated Pipe, Add	*46.84*	
		For Bituminous Coated And 25% Paved, Add	*111.47*	
		For Smooth-Flo, Add	*121.08*	
33 42 11 00-0729	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	404.28	78.70
		For Bituminous Coated Pipe, Add	*49.38*	
		For Bituminous Coated And 25% Paved, Add	*117.52*	
		For Smooth-Flo, Add	*127.64*	
33 42 11 00-0730	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	429.94	86.57
		For Bituminous Coated Pipe, Add	*52.09*	
		For Bituminous Coated And 25% Paved, Add	*123.97*	
		For Smooth-Flo, Add	*134.65*	
33 42 11 00-0731	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	457.33	94.44
		For Bituminous Coated Pipe, Add	*55.34*	
		For Bituminous Coated And 25% Paved, Add	*131.71*	
		For Smooth-Flo, Add	*143.06*	
33 42 11 00-0732		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0733		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0734	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	245.65	50.36
		For Bituminous Coated Pipe, Add	*29.10*	
		For Bituminous Coated And 25% Paved, Add	*71.00*	
		For Smooth-Flo, Add	*90.35*	
33 42 11 00-0735	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	265.79	55.08
		For Bituminous Coated Pipe, Add	*31.12*	
		For Bituminous Coated And 25% Paved, Add	*75.94*	
		For Smooth-Flo, Add	*96.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0736	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	283.66	59.02
		For Bituminous Coated Pipe, Add	*33.12*	
		For Bituminous Coated And 25% Paved, Add	*80.82*	
		For Smooth-Flo, Add	*102.84*	
33 42 11 00-0737	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	301.53	62.95
		For Bituminous Coated Pipe, Add	*35.12*	
		For Bituminous Coated And 25% Paved, Add	*85.70*	
		For Smooth-Flo, Add	*109.05*	
33 42 11 00-0738	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	320.04	66.90
		For Bituminous Coated Pipe, Add	*37.14*	
		For Bituminous Coated And 25% Paved, Add	*90.61*	
		For Smooth-Flo, Add	*115.31*	
33 42 11 00-0739	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	340.90	70.83
		For Bituminous Coated Pipe, Add	*39.19*	
		For Bituminous Coated And 25% Paved, Add	*95.61*	
		For Smooth-Flo, Add	*121.67*	
33 42 11 00-0740	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	363.50	78.70
		For Bituminous Coated Pipe, Add	*41.22*	
		For Bituminous Coated And 25% Paved, Add	*100.58*	
		For Smooth-Flo, Add	*127.99*	
33 42 11 00-0741	LF	137" x 87"" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	388.38	86.57
		For Bituminous Coated Pipe, Add	*43.78*	
		For Bituminous Coated And 25% Paved, Add	*106.81*	
		For Smooth-Flo, Add	*135.92*	
33 42 11 00-0742		10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0743	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	276.58	50.36
		For Bituminous Coated Pipe, Add	*35.28*	
		For Bituminous Coated And 25% Paved, Add	*79.74*	
		For Smooth-Flo, Add	*86.62*	
33 42 11 00-0744	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	299.19	55.08
		For Bituminous Coated Pipe, Add	*37.80*	
		For Bituminous Coated And 25% Paved, Add	*85.43*	
		For Smooth-Flo, Add	*92.80*	
33 42 11 00-0745	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	319.58	59.02
		For Bituminous Coated Pipe, Add	*40.31*	
		For Bituminous Coated And 25% Paved, Add	*91.09*	
		For Smooth-Flo, Add	*98.95*	
33 42 11 00-0746	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	340.04	62.95
		For Bituminous Coated Pipe, Add	*42.82*	
		For Bituminous Coated And 25% Paved, Add	*96.78*	
		For Smooth-Flo, Add	*105.13*	
33 42 11 00-0747	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	360.64	66.90
		For Bituminous Coated Pipe, Add	*45.26*	
		For Bituminous Coated And 25% Paved, Add	*102.28*	
		For Smooth-Flo, Add	*111.10*	
33 42 11 00-0748	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	384.35	70.83
		For Bituminous Coated Pipe, Add	*47.88*	
		For Bituminous Coated And 25% Paved, Add	*108.20*	
		For Smooth-Flo, Add	*117.54*	
33 42 11 00-0749	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	409.51	78.70
		For Bituminous Coated Pipe, Add	*50.42*	
		For Bituminous Coated And 25% Paved, Add	*113.96*	
		For Smooth-Flo, Add	*123.79*	
33 42 11 00-0750	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	436.93	86.57
		For Bituminous Coated Pipe, Add	*53.49*	
		For Bituminous Coated And 25% Paved, Add	*120.88*	
		For Smooth-Flo, Add	*131.31*	
33 42 11 00-0751	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	462.50	94.44
		For Bituminous Coated Pipe, Add	*56.38*	
		For Bituminous Coated And 25% Paved, Add	*127.41*	
		For Smooth-Flo, Add	*138.40*	
33 42 11 00-0752		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0753		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*		
33 42 11 00-0754	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	44.30	8.22
33 42 11 00-0755	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	50.26	8.97
33 42 11 00-0756	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	58.37	9.72
33 42 11 00-0757	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	66.04	10.47
33 42 11 00-0758	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	85.53	13.46
33 42 11 00-0759	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	111.73	17.31
33 42 11 00-0760		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*		
33 42 11 00-0761	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	49.83	8.22
33 42 11 00-0762	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	57.02	8.97
33 42 11 00-0763	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	65.91	9.72
33 42 11 00-0764	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	74.81	10.47
33 42 11 00-0765	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	96.43	13.46
33 42 11 00-0766	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	124.70	17.31
33 42 11 00-0767	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	144.99	20.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0768		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*		
33 42 11 00-0769	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	73.59	8.97
33 42 11 00-0770	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	85.54	9.72
33 42 11 00-0771	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	97.03	10.47
33 42 11 00-0772	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	124.16	13.46
33 42 11 00-0773	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	158.20	17.31
33 42 11 00-0774	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	184.00	20.46
33 42 11 00-0775	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	216.58	23.61
33 42 11 00-0776	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	240.80	26.76
33 42 11 00-0777		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*		
33 42 11 00-0778	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	184.47	17.31
33 42 11 00-0779	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	214.66	20.46
33 42 11 00-0780	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	251.34	23.61
33 42 11 00-0781	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	280.10	26.76
33 42 11 00-0782	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	306.78	28.33
33 42 11 00-0783		3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0784		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0785	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	243.09	26.76
33 42 11 00-0786	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	265.54	28.33
33 42 11 00-0787	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	331.69	34.62
33 42 11 00-0788	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	382.82	50.36
33 42 11 00-0789	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	412.60	55.08
33 42 11 00-0790	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	440.30	59.02
33 42 11 00-0791	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	467.90	62.95
33 42 11 00-0792	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	496.11	66.90
33 42 11 00-0793		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0794	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	328.90	28.33
33 42 11 00-0795	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	402.22	34.62
33 42 11 00-0796	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	459.58	50.36
33 42 11 00-0797	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	495.48	55.08
33 42 11 00-0798	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	529.33	59.02
33 42 11 00-0799	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	563.15	62.95
33 42 11 00-0800	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	597.45	66.90
33 42 11 00-0801	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	634.13	70.83
33 42 11 00-0802	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	672.50	78.70
33 42 11 00-0803	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	713.14	86.57
33 42 11 00-0804		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0805	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	529.22	50.36
33 42 11 00-0806	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	570.87	55.08
33 42 11 00-0807	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	610.48	59.02
33 42 11 00-0808	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	649.89	62.95
33 42 11 00-0809	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	689.93	66.90
33 42 11 00-0810	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	732.31	70.83
33 42 11 00-0811	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	776.41	78.70
33 42 11 00-0812	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	822.28	86.57
33 42 11 00-0813	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	873.95	94.44
33 42 11 00-0814		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0815		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*		
33 42 11 00-0816	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	453.32	50.36
33 42 11 00-0817	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	487.65	55.08
33 42 11 00-0818	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	519.55	59.02
33 42 11 00-0819	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	551.41	62.95
33 42 11 00-0820	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	584.03	66.90
33 42 11 00-0821	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	619.26	70.83
33 42 11 00-0822	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	656.11	78.70
33 42 11 00-0823	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	698.87	86.57
33 42 11 00-0824		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*		
33 42 11 00-0825	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	527.60	50.36
33 42 11 00-0826	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	567.82	55.08
33 42 11 00-0827	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	605.75	59.02
33 42 11 00-0828	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	643.84	62.95
33 42 11 00-0829	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	681.52	66.90
33 42 11 00-0830	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	723.56	70.83
33 42 11 00-0831	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	766.60	78.70
33 42 11 00-0832	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	815.53	86.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0833	LF	142" x 91" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	861.24	94.44
33 42 11 00-0834		Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0325)*		
33 42 11 00-0835		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*		
33 42 11 00-0836		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*		
33 42 11 00-0837	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	27.23	7.85
		For 1/2 Bituminous Coated And 25% Paved, Add	*4.41*	
33 42 11 00-0838	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	30.65	8.22
		For 1/2 Bituminous Coated And 25% Paved, Add	*5.56*	
33 42 11 00-0839	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	34.19	8.97
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.74*	
33 42 11 00-0840	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	38.83	9.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.06*	
33 42 11 00-0841	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.96	10.47
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.07*	
33 42 11 00-0842	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	56.74	13.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.77*	
33 42 11 00-0843	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	73.48	17.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.85*	
33 42 11 00-0844	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	83.54	20.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.56*	
33 42 11 00-0845	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	93.91	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*19.68*	
33 42 11 00-0846		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*		
33 42 11 00-0847	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	29.62	7.85
		For 1/2 Bituminous Coated And 25% Paved, Add	*4.19*	
33 42 11 00-0848	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	33.59	8.22
		For 1/2 Bituminous Coated And 25% Paved, Add	*5.26*	
33 42 11 00-0849	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	37.69	8.97
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.36*	
33 42 11 00-0850	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.90	9.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.56*	
33 42 11 00-0851	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	47.68	10.47
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.56*	
33 42 11 00-0852	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.52	13.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.00*	
33 42 11 00-0853	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	80.47	17.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.78*	
33 42 11 00-0854	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	91.59	20.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.23*	
33 42 11 00-0855	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	103.08	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.23*	
33 42 11 00-0856	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	123.01	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.42*	
33 42 11 00-0857		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*		
33 42 11 00-0858	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	45.07	8.97
		For 1/2 Bituminous Coated And 25% Paved, Add	*5.93*	
33 42 11 00-0859	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	51.50	9.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.01*	
33 42 11 00-0860	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	57.46	10.47
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.94*	
33 42 11 00-0861	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	74.72	13.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.13*	
33 42 11 00-0862	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	95.19	17.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.57*	
33 42 11 00-0863	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	108.65	20.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.74*	
33 42 11 00-0864	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	122.54	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.63*	
33 42 11 00-0865	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	145.24	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.08*	
33 42 11 00-0866	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	158.61	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.95*	
33 42 11 00-0867	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	193.39	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.00*	
33 42 11 00-0868		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*		
33 42 11 00-0869	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	108.43	17.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.77*	
33 42 11 00-0870	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	124.13	20.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.14*	
33 42 11 00-0871	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.12	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0872	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	164.95	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.72*	
33 42 11 00-0873	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	180.55	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*23.82*	
33 42 11 00-0874	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	217.48	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.74*	
33 42 11 00-0875	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	260.62	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*30.81*	

33 42 11 00-0876 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*

33 42 11 00-0877 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-0876)

33 42 11 00-0878	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	83.89	17.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.51*	
33 42 11 00-0879	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	95.45	20.46
		For 1/2 Bituminous Coated And 25% Paved, Add	*19.38*	
33 42 11 00-0880	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	107.30	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.74*	
33 42 11 00-0881	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	127.71	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*26.55*	
33 42 11 00-0882	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	139.15	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.93*	
33 42 11 00-0883	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	173.97	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.16*	
33 42 11 00-0884	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	213.31	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*39.60*	
33 42 11 00-0885	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	230.34	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.06*	
33 42 11 00-0886	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	245.25	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.52*	
33 42 11 00-0887	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	260.15	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.98*	
33 42 11 00-0888	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	275.61	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.44*	
33 42 11 00-0889	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	293.30	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.92*	

33 42 11 00-0890 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-0876)

33 42 11 00-0891	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	139.67	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*23.01*	
33 42 11 00-0892	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	152.36	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.12*	
33 42 11 00-0893	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	188.51	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.62*	
33 42 11 00-0894	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	229.16	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.80*	
33 42 11 00-0895	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	247.47	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*35.97*	
33 42 11 00-0896	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	263.72	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*38.17*	
33 42 11 00-0897	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	279.89	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*40.34*	
33 42 11 00-0898	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	296.62	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.51*	
33 42 11 00-0899	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	315.59	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.70*	
33 42 11 00-0900	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	336.35	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.89*	
33 42 11 00-0901	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	356.67	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.04*	

33 42 11 00-0902 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-0876)

33 42 11 00-0903	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	181.74	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.69*	
33 42 11 00-0904	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	221.04	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.22*	
33 42 11 00-0905	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	264.51	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.21*	
33 42 11 00-0906	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	285.70	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*47.21*	
33 42 11 00-0907	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	304.79	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.23*	
33 42 11 00-0908	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	323.83	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.24*	
33 42 11 00-0909	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	343.42	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.24*	
33 42 11 00-0910	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	365.24	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.25*	
33 42 11 00-0911	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	388.84	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.26*	
33 42 11 00-0912	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	412.03	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*65.24*	
33 42 11 00-0913	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	434.36	94.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*68.26*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0914		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0876)*		
33 42 11 00-0915	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	297.49	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*54.27*	
33 42 11 00-0916	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	321.33	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.07*	
33 42 11 00-0917	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	343.13	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.90*	
33 42 11 00-0918	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	364.85	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*65.71*	
33 42 11 00-0919	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	387.18	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*69.53*	
33 42 11 00-0920	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	411.73	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.36*	
33 42 11 00-0921	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	437.99	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.17*	
33 42 11 00-0922	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	463.88	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*80.95*	
33 42 11 00-0923	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	488.94	94.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*84.79*	
33 42 11 00-0924	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	515.43	102.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*88.59*	
33 42 11 00-0925	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	543.93	110.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*92.41*	
33 42 11 00-0926	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	574.84	118.05
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.25*	
33 42 11 00-0927		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*		
33 42 11 00-0928		16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*		
33 42 11 00-0929	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	107.69	23.61
		For 1/2 Bituminous Coated And 25% Paved, Add	*26.93*	
33 42 11 00-0930	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	128.41	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.00*	
33 42 11 00-0931	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	139.75	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*35.88*	
33 42 11 00-0932	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	172.62	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*45.17*	
33 42 11 00-0933	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	211.80	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*48.12*	
33 42 11 00-0934	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	228.66	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.06*	
33 42 11 00-0935	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	243.31	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.99*	
33 42 11 00-0936	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	257.93	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.90*	
33 42 11 00-0937	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	273.25	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.86*	
33 42 11 00-0938	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	290.89	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.89*	
33 42 11 00-0939		14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*		
33 42 11 00-0940	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	143.35	26.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.11*	
33 42 11 00-0941	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	156.41	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.97*	
33 42 11 00-0942	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	190.76	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.80*	
33 42 11 00-0943	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	231.43	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.63*	
33 42 11 00-0944	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	250.03	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*47.55*	
33 42 11 00-0945	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	266.35	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.42*	
33 42 11 00-0946	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	281.82	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.01*	
33 42 11 00-0947	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	299.52	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.15*	
33 42 11 00-0948	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	318.58	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.03*	
33 42 11 00-0949	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	339.36	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.87*	
33 42 11 00-0950	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	360.04	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*64.78*	
33 42 11 00-0951		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*		
33 42 11 00-0952	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	187.54	28.33
		For 1/2 Bituminous Coated And 25% Paved, Add	*37.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0953	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	225.08	34.62
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.98*	
33 42 11 00-0954	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	269.01	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*48.29*	
33 42 11 00-0955	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	290.49	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.57*	
33 42 11 00-0956	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	309.76	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*54.83*	
33 42 11 00-0957	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.18	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.13*	
33 42 11 00-0958	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	349.06	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.40*	
33 42 11 00-0959	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	371.11	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*64.68*	
33 42 11 00-0960	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	395.06	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*67.97*	
33 42 11 00-0961	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	418.64	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.25*	
33 42 11 00-0962	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	441.22	94.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.53*	

33 42 11 00-0963 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*

33 42 11 00-0964	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	304.99	50.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.58*	
33 42 11 00-0965	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.83	55.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.82*	
33 42 11 00-0966	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	352.22	59.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.97*	
33 42 11 00-0967	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	374.47	62.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.09*	
33 42 11 00-0968	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	397.41	66.90
		For 1/2 Bituminous Coated And 25% Paved, Add	*75.23*	
33 42 11 00-0969	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	422.45	70.83
		For 1/2 Bituminous Coated And 25% Paved, Add	*79.36*	
33 42 11 00-0970	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	449.37	78.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*83.51*	
33 42 11 00-0971	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	475.95	86.57
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.64*	
33 42 11 00-0972	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	501.48	94.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.77*	
33 42 11 00-0973	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	533.19	102.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*97.21*	
33 42 11 00-0974	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	563.44	110.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.69*	
33 42 11 00-0975	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	596.69	118.05
		For 1/2 Bituminous Coated And 25% Paved, Add	*106.35*	

33 42 11 00-0976 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*

33 42 11 00-0977 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-0978	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	38.21	8.97
33 42 11 00-0979	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	43.48	9.72
33 42 11 00-0980	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	48.47	10.47
33 42 11 00-0981	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	63.46	13.46
33 42 11 00-0982	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	81.37	17.31
33 42 11 00-0983	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	92.64	20.46
33 42 11 00-0984	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	104.49	23.61
33 42 11 00-0985	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	123.64	26.76
33 42 11 00-0986	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	135.06	28.33

33 42 11 00-0987 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-0988	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	41.67	8.97
33 42 11 00-0989	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	47.53	9.72
33 42 11 00-0990	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	53.06	10.47
33 42 11 00-0991	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	69.19	13.46
33 42 11 00-0992	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	88.27	17.31
33 42 11 00-0993	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	100.71	20.46
33 42 11 00-0994	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	113.71	23.61
33 42 11 00-0995	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	134.00	26.76
33 42 11 00-0996	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	146.61	28.33
33 42 11 00-0997	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	178.10	34.62
33 42 11 00-0998	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	218.30	50.36
33 42 11 00-0999	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	236.28	55.08

33 42 11 00-1000 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-1001	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	80.81	13.46
33 42 11 00-1002	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	102.18	17.31
33 42 11 00-1003	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	117.01	20.46
33 42 11 00-1004	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	132.30	23.61
33 42 11 00-1005	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	154.91	26.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1006	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	169.87	28.33
33 42 11 00-1007	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	203.64	34.62
33 42 11 00-1008	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	246.13	50.36
33 42 11 00-1009	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	266.42	55.08
33 42 11 00-1010	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	284.49	59.02
33 42 11 00-1011	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	302.59	62.95
33 42 11 00-1012	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	321.19	66.90
33 42 11 00-1013	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	340.88	70.83

33 42 11 00-1014 Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0325)*

33 42 11 00-1015 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*

33 42 11 00-1016 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*

33 42 11 00-1017	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	31.46	8.22
		For 1/2 Bituminous Coated And 40% Paved, Add	*7.18*	
33 42 11 00-1018	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	34.91	8.97
		For 1/2 Bituminous Coated And 40% Paved, Add	*8.58*	
33 42 11 00-1019	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	39.82	9.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*10.32*	
33 42 11 00-1020	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	44.63	10.47
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.89*	
33 42 11 00-1021	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	58.25	13.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.11*	
33 42 11 00-1022	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	76.24	17.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.48*	

33 42 11 00-1023 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*

33 42 11 00-1024	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	34.40	8.22
		For 1/2 Bituminous Coated And 40% Paved, Add	*7.44*	
33 42 11 00-1025	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	38.48	8.97
		For 1/2 Bituminous Coated And 40% Paved, Add	*8.91*	
33 42 11 00-1026	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	43.84	9.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*10.60*	
33 42 11 00-1027	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	49.28	10.47
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.23*	
33 42 11 00-1028	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	64.05	13.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.49*	
33 42 11 00-1029	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	83.15	17.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.73*	
33 42 11 00-1030	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	95.36	20.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.50*	

33 42 11 00-1031 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*

33 42 11 00-1032	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	45.76	8.97
		For 1/2 Bituminous Coated And 40% Paved, Add	*8.16*	
33 42 11 00-1033	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	52.47	9.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*9.70*	
33 42 11 00-1034	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	59.06	10.47
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.14*	
33 42 11 00-1035	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	76.25	13.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*14.06*	
33 42 11 00-1036	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	97.89	17.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*17.68*	
33 42 11 00-1037	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	112.56	20.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*20.95*	
33 42 11 00-1038	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	131.51	23.61
		For 1/2 Bituminous Coated And 40% Paved, Add	*24.94*	
33 42 11 00-1039	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	147.00	26.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.50*	

33 42 11 00-1040 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*

33 42 11 00-1041	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	111.13	17.31
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.60*	
33 42 11 00-1042	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	128.00	20.46
		For 1/2 Bituminous Coated And 40% Paved, Add	*21.98*	
33 42 11 00-1043	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	149.02	23.61
		For 1/2 Bituminous Coated And 40% Paved, Add	*25.96*	
33 42 11 00-1044	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	166.80	26.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*28.74*	
33 42 11 00-1045	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	182.55	28.33
		For 1/2 Bituminous Coated And 40% Paved, Add	*31.51*	

33 42 11 00-1046 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-1047 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*

33 42 11 00-1048	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	142.03	26.76
		For 1/2 Bituminous Coated And 40% Paved, Add	*41.30*	
33 42 11 00-1049	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	155.17	28.33
		For 1/2 Bituminous Coated And 40% Paved, Add	*45.19*	
33 42 11 00-1050	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	191.75	34.62
		For 1/2 Bituminous Coated And 40% Paved, Add	*56.76*	
33 42 11 00-1051	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	233.02	50.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*60.85*	
33 42 11 00-1052	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	252.44	55.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*65.16*	
33 42 11 00-1053	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	269.72	59.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*69.46*	
33 42 11 00-1054	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	286.97	62.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*73.76*	
33 42 11 00-1055	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	304.80	66.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*78.06*	

33 42 11 00-1056 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*

33 42 11 00-1057	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	184.57	28.33
		For 1/2 Bituminous Coated And 40% Paved, Add	*51.36*	
33 42 11 00-1058	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	224.34	34.62
		For 1/2 Bituminous Coated And 40% Paved, Add	*62.77*	
33 42 11 00-1059	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	268.51	50.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*67.51*	
33 42 11 00-1060	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	290.76	55.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*72.41*	
33 42 11 00-1061	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	310.95	59.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*77.35*	
33 42 11 00-1062	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	331.09	62.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*82.27*	
33 42 11 00-1063	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	351.76	66.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*87.18*	
33 42 11 00-1064	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	374.71	70.83
		For 1/2 Bituminous Coated And 40% Paved, Add	*92.13*	
33 42 11 00-1065	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	399.40	78.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*97.05*	
33 42 11 00-1066	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	425.02	86.57
		For 1/2 Bituminous Coated And 40% Paved, Add	*102.46*	

33 42 11 00-1067 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*

33 42 11 00-1068	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	301.46	50.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*73.07*	
33 42 11 00-1069	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	326.45	55.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*78.51*	
33 42 11 00-1070	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	349.34	59.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*83.96*	
33 42 11 00-1071	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	372.13	62.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*89.37*	
33 42 11 00-1072	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	397.34	66.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*95.46*	
33 42 11 00-1073	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	421.17	70.83
		For 1/2 Bituminous Coated And 40% Paved, Add	*100.26*	
33 42 11 00-1074	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	448.58	78.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*105.70*	
33 42 11 00-1075	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	476.65	86.57
		For 1/2 Bituminous Coated And 40% Paved, Add	*111.50*	
33 42 11 00-1076	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	506.96	94.44
		For 1/2 Bituminous Coated And 40% Paved, Add	*118.46*	

33 42 11 00-1077 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*

33 42 11 00-1078 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*

33 42 11 00-1079	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	271.84	50.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*66.44*	
33 42 11 00-1080	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	293.79	55.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*71.06*	
33 42 11 00-1081	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	313.49	59.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*75.64*	
33 42 11 00-1082	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	333.16	62.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*80.20*	
33 42 11 00-1083	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	353.47	66.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*84.80*	
33 42 11 00-1084	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	376.17	70.83
		For 1/2 Bituminous Coated And 40% Paved, Add	*89.47*	
33 42 11 00-1085	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	400.61	78.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1086	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	427.78	86.57
		For 1/2 Bituminous Coated And 40% Paved, Add	*99.95*	
33 42 11 00-1087		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1088	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	308.34	50.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*73.70*	
33 42 11 00-1089	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	333.22	55.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*78.96*	
33 42 11 00-1090	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	355.86	59.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*84.18*	
33 42 11 00-1091	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	378.58	62.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*89.44*	
33 42 11 00-1092	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	401.39	66.90
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.53*	
33 42 11 00-1093	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	427.44	70.83
		For 1/2 Bituminous Coated And 40% Paved, Add	*99.99*	
33 42 11 00-1094	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	454.92	78.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*105.33*	
33 42 11 00-1095	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	485.08	86.57
		For 1/2 Bituminous Coated And 40% Paved, Add	*111.72*	
33 42 11 00-1096	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	513.26	94.44
		For 1/2 Bituminous Coated And 40% Paved, Add	*117.75*	
33 42 11 00-1097		Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0325)*		
33 42 11 00-1098		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1097)*		
33 42 11 00-1099		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1098)*		
33 42 11 00-1100	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	16.08	4.49
		For Bituminous Coated Pipe, Add	*1.37*	
33 42 11 00-1101	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	20.53	5.61
		For Bituminous Coated Pipe, Add	*1.85*	
33 42 11 00-1102	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	26.52	6.73
		For Bituminous Coated Pipe, Add	*2.44*	
33 42 11 00-1103		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1098)*		
33 42 11 00-1104	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	17.65	4.49
		For Bituminous Coated Pipe, Add	*1.35*	
33 42 11 00-1105	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	22.74	5.61
		For Bituminous Coated Pipe, Add	*1.85*	
33 42 11 00-1106	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	29.48	6.73
		For Bituminous Coated Pipe, Add	*2.45*	
33 42 11 00-1107		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1097)*		
33 42 11 00-1108		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*		
33 42 11 00-1109	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	30.83	7.85
		For Bituminous Coated Pipe, Add	*2.69*	
33 42 11 00-1110	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	35.12	8.22
		For Bituminous Coated Pipe, Add	*3.37*	
33 42 11 00-1111	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	39.66	8.97
		For Bituminous Coated Pipe, Add	*4.10*	
33 42 11 00-1112	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	45.33	9.72
		For Bituminous Coated Pipe, Add	*4.89*	
33 42 11 00-1113	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	50.49	10.47
		For Bituminous Coated Pipe, Add	*5.55*	
33 42 11 00-1114		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*		
33 42 11 00-1115	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	34.19	7.85
		For Bituminous Coated Pipe, Add	*2.63*	
33 42 11 00-1116	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	39.40	8.22
		For Bituminous Coated Pipe, Add	*3.31*	
33 42 11 00-1117	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	44.79	8.97
		For Bituminous Coated Pipe, Add	*4.01*	
33 42 11 00-1118	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	51.28	9.72
		For Bituminous Coated Pipe, Add	*4.76*	
33 42 11 00-1119	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	57.32	10.47
		For Bituminous Coated Pipe, Add	*5.41*	
33 42 11 00-1120	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	74.78	13.46
		For Bituminous Coated Pipe, Add	*6.93*	
33 42 11 00-1121	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	95.38	17.31
		For Bituminous Coated Pipe, Add	*8.62*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1122		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1107)*		
33 42 11 00-1123	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	70.37	10.47
		For Bituminous Coated Pipe, Add	*5.14*	
33 42 11 00-1124	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	91.03	13.46
		For Bituminous Coated Pipe, Add	*6.53*	
33 42 11 00-1125	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	114.90	17.31
		For Bituminous Coated Pipe, Add	*8.05*	
33 42 11 00-1126	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	132.00	20.46
		For Bituminous Coated Pipe, Add	*9.47*	
33 42 11 00-1127	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	149.26	23.61
		For Bituminous Coated Pipe, Add	*10.72*	
33 42 11 00-1128	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	175.30	26.76
		For Bituminous Coated Pipe, Add	*12.72*	
33 42 11 00-1129		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1107)*		
33 42 11 00-1130	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	135.69	17.31
		For Bituminous Coated Pipe, Add	*7.92*	
33 42 11 00-1131	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	156.23	20.46
		For Bituminous Coated Pipe, Add	*9.29*	
33 42 11 00-1132	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	177.02	23.61
		For Bituminous Coated Pipe, Add	*10.55*	
33 42 11 00-1133	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	206.53	26.76
		For Bituminous Coated Pipe, Add	*12.37*	
33 42 11 00-1134	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	226.95	28.33
		For Bituminous Coated Pipe, Add	*13.64*	
33 42 11 00-1135		**3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1097)*		
33 42 11 00-1136		**16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1135)*		
33 42 11 00-1137	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	73.72	13.46
33 42 11 00-1138	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	94.06	17.31
33 42 11 00-1139	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	107.26	20.46
33 42 11 00-1140	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	121.42	23.61
33 42 11 00-1141	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	143.05	26.76
33 42 11 00-1142		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1135)*		
33 42 11 00-1143	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	82.28	13.46
33 42 11 00-1144	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	106.27	17.31
33 42 11 00-1145	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	121.43	20.46
33 42 11 00-1146	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	136.89	23.61
33 42 11 00-1147	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	161.17	26.76
33 42 11 00-1148	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	176.18	28.33
33 42 11 00-1149	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	214.11	34.62
33 42 11 00-1150	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	256.93	50.36
33 42 11 00-1151	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	277.45	55.08
33 42 11 00-1152		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1135)*		
33 42 11 00-1153	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	102.26	13.46
33 42 11 00-1154	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	128.73	17.31
33 42 11 00-1155	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	148.28	20.46
33 42 11 00-1156	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	167.68	23.61
33 42 11 00-1157	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	195.73	26.76
33 42 11 00-1158	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	214.45	28.33
33 42 11 00-1159	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	256.08	34.62
33 42 11 00-1160	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	302.71	50.36
33 42 11 00-1161	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	326.97	55.08
33 42 11 00-1162	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	349.14	59.02
33 42 11 00-1163	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	371.25	62.95
33 42 11 00-1164	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	393.93	66.90
33 42 11 00-1165		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1135)*		
33 42 11 00-1166	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	254.71	28.33
33 42 11 00-1167	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	298.67	34.62
33 42 11 00-1168	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	349.11	50.36
33 42 11 00-1169	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	377.20	55.08
33 42 11 00-1170	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	403.13	59.02
33 42 11 00-1171	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	429.06	62.95
33 42 11 00-1172	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	455.53	66.90
33 42 11 00-1173	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	484.27	70.83
33 42 11 00-1174	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	514.75	78.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1175		Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1097)*		
		Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1176		16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1175)*		
33 42 11 00-1177	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	51.18	8.97
33 42 11 00-1178	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	55.06	9.72
33 42 11 00-1179	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.80	10.47
33 42 11 00-1180	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.97	11.96
33 42 11 00-1181	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	85.44	13.46
33 42 11 00-1182	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	94.81	14.95
33 42 11 00-1183		14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1175)*		
33 42 11 00-1184	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	58.42	8.97
33 42 11 00-1185	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	67.19	9.72
33 42 11 00-1186	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.53	10.47
33 42 11 00-1187	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	86.89	11.96
33 42 11 00-1188	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	97.56	13.46
33 42 11 00-1189	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	108.17	14.95
33 42 11 00-1190	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	122.88	17.31
33 42 11 00-1191	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	141.31	20.46
33 42 11 00-1192	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	159.86	23.61
33 42 11 00-1193		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1175)*		
33 42 11 00-1194	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	121.25	13.46
33 42 11 00-1195	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.17	14.95
33 42 11 00-1196	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	151.30	17.31
33 42 11 00-1197	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	174.48	20.46
33 42 11 00-1198	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	197.77	23.61
33 42 11 00-1199	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	271.05	26.76
33 42 11 00-1200	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	298.17	28.33
33 42 11 00-1201		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1175)*		
33 42 11 00-1202	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	275.03	23.61
33 42 11 00-1203	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	318.67	26.76
33 42 11 00-1204	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	351.15	28.33
33 42 11 00-1205	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	408.49	34.62
33 42 11 00-1206	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	468.06	50.36
33 42 11 00-1207	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	505.71	55.08
33 42 11 00-1208	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	540.91	59.02
33 42 11 00-1209		Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0325)*		
33 42 11 00-1210		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1209)*		
33 42 11 00-1211		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1210)*		
33 42 11 00-1212	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	36.64	8.22
		For Bituminous Coated Pipe, Add	*3.38*	
33 42 11 00-1213	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	41.11	8.97
		For Bituminous Coated Pipe, Add	*4.04*	
33 42 11 00-1214	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	46.98	9.72
		For Bituminous Coated Pipe, Add	*4.80*	
33 42 11 00-1215		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1210)*		
33 42 11 00-1216	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	40.93	8.22
		For Bituminous Coated Pipe, Add	*3.37*	
33 42 11 00-1217	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	45.22	8.97
		For Bituminous Coated Pipe, Add	*3.88*	
33 42 11 00-1218	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	52.93	9.72
		For Bituminous Coated Pipe, Add	*4.77*	
33 42 11 00-1219	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	59.55	10.47
		For Bituminous Coated Pipe, Add	*5.47*	
33 42 11 00-1220	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	77.01	13.46
		For Bituminous Coated Pipe, Add	*6.92*	
33 42 11 00-1221		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1210)*		
33 42 11 00-1222	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	72.61	10.47
		For Bituminous Coated Pipe, Add	*5.21*	
33 42 11 00-1223	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	93.29	13.46
		For Bituminous Coated Pipe, Add	*6.57*	
33 42 11 00-1224	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	118.73	17.31
		For Bituminous Coated Pipe, Add	*8.20*	
33 42 11 00-1225	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	137.05	20.46
		For Bituminous Coated Pipe, Add	*9.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1226		10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1210)*		
33 42 11 00-1227	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	139.49	17.31
		For Bituminous Coated Pipe, Add	*7.91*	
33 42 11 00-1228	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	161.31	20.46
		For Bituminous Coated Pipe, Add	*9.34*	
33 42 11 00-1229	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	187.24	23.61
		For Bituminous Coated Pipe, Add	*10.94*	
33 42 11 00-1230	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	209.89	26.76
		For Bituminous Coated Pipe, Add	*12.17*	
33 42 11 00-1231		3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1209)*		
33 42 11 00-1232		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1233	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	164.53	26.76
33 42 11 00-1234	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	180.08	28.33
33 42 11 00-1235	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	218.93	34.62
33 42 11 00-1236		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1237	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	199.09	26.76
33 42 11 00-1238	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	218.35	28.33
33 42 11 00-1239	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	260.74	34.62
33 42 11 00-1240	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	307.71	50.36
33 42 11 00-1241	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	332.33	55.08
33 42 11 00-1242	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	354.85	59.02
33 42 11 00-1243		10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1244	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	258.55	28.33
33 42 11 00-1245	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	303.15	34.62
33 42 11 00-1246	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	353.94	50.36
33 42 11 00-1247	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	382.38	55.08
33 42 11 00-1248	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	408.66	59.02
33 42 11 00-1249	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	434.93	62.95
33 42 11 00-1250		Corrugated Steel Pipe Fittings *(33 42 11 00-0325)*		
		Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1251		Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings *(33 42 11 00-1250)*		
		Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1252	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	66.77	
33 42 11 00-1253	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	83.74	
33 42 11 00-1254	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	100.70	
33 42 11 00-1255	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	118.74	
33 42 11 00-1256	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	144.16	
33 42 11 00-1257	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	169.60	
33 42 11 00-1258	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	195.04	
33 42 11 00-1259	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	220.47	
33 42 11 00-1260	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	287.26	
33 42 11 00-1261	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	342.37	
33 42 11 00-1262	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	397.50	
33 42 11 00-1263	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	514.09	
33 42 11 00-1264	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	579.82	
33 42 11 00-1265	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	647.66	
33 42 11 00-1266	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	717.62	
33 42 11 00-1267	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	874.50	
33 42 11 00-1268	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	953.99	
33 42 11 00-1269	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,035.61	
33 42 11 00-1270	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,270.93	
33 42 11 00-1271	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,364.23	
33 42 11 00-1272	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,458.56	
33 42 11 00-1273	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,552.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1274	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,646.17	
33 42 11 00-1275	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,740.52	
33 42 11 00-1276	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,839.98	
33 42 11 00-1277	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,945.14	
33 42 11 00-1278	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,056.27	

33 42 11 00-1279 Fabricate Corrugated Steel Pipe Tees Or Laterals *(33 42 11 00-1250)*

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1280	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	86.92	
33 42 11 00-1281	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	111.30	
33 42 11 00-1282	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	135.67	
33 42 11 00-1283	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	160.06	
33 42 11 00-1284	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	195.04	
33 42 11 00-1285	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	231.06	
33 42 11 00-1286	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	267.14	
33 42 11 00-1287	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	303.15	
33 42 11 00-1288	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	397.50	
33 42 11 00-1289	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	473.82	
33 42 11 00-1290	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	551.19	
33 42 11 00-1291	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	715.49	
33 42 11 00-1292	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	805.59	
33 42 11 00-1293	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	898.86	
33 42 11 00-1294	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	994.27	
33 42 11 00-1295	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,212.62	
33 42 11 00-1296	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,320.76	
33 42 11 00-1297	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,430.99	
33 42 11 00-1298	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	1,760.63	
33 42 11 00-1299	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	1,886.79	
33 42 11 00-1300	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,012.92	
33 42 11 00-1301	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,140.11	
33 42 11 00-1302	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,267.32	
33 42 11 00-1303	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,393.44	
33 42 11 00-1304	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	2,526.59	
33 42 11 00-1305	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	2,667.16	
33 42 11 00-1306	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	2,815.51	

33 42 11 00-1307 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 42 11 00-1250)*

Note: Applied to pipe tasks.

33 42 11 00-1308	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	33.66	
33 42 11 00-1309	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	42.34	
33 42 11 00-1310	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	53.25	
33 42 11 00-1311	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	65.21	
33 42 11 00-1312	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	82.51	
33 42 11 00-1313	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	101.05	
33 42 11 00-1314	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	118.35	
33 42 11 00-1315	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	137.51	
33 42 11 00-1316	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	168.89	
33 42 11 00-1317	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	201.37	
33 42 11 00-1318	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	240.27	
33 42 11 00-1319	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	295.56	
33 42 11 00-1320	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	334.54	
33 42 11 00-1321	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	376.74	
33 42 11 00-1322	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	456.87	
33 42 11 00-1323	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	506.66	
33 42 11 00-1324	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	618.17	
33 42 11 00-1325	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	673.41	
33 42 11 00-1326	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	731.89	
33 42 11 00-1327	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	789.23	
33 42 11 00-1328	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	847.70	
33 42 11 00-1329	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	907.23	
33 42 11 00-1330	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	965.72	
33 42 11 00-1331	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,024.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1332	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,086.15	
33 42 11 00-1333	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,151.88	
33 42 11 00-1334	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,221.60	
33 42 11 00-1335		Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1250)*		
33 42 11 00-1336	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	7.82	
		For Bituminous Coated, Add	*2.27*	
33 42 11 00-1337	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	10.38	
		For Bituminous Coated, Add	*3.01*	
33 42 11 00-1338	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	13.08	
		For Bituminous Coated, Add	*3.79*	
33 42 11 00-1339	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	21.71	
		For Bituminous Coated, Add	*6.30*	
33 42 11 00-1340	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	27.38	
		For Bituminous Coated, Add	*7.94*	
33 42 11 00-1341	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	40.17	
		For Bituminous Coated, Add	*11.65*	
33 42 11 00-1342	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	47.67	
		For Bituminous Coated, Add	*13.82*	
33 42 11 00-1343	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	54.06	
		For Bituminous Coated, Add	*15.68*	
33 42 11 00-1344	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	93.55	
		For Bituminous Coated, Add	*27.13*	
33 42 11 00-1345	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	149.67	
		For Bituminous Coated, Add	*35.92*	
33 42 11 00-1346	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	175.86	
		For Bituminous Coated, Add	*42.21*	
33 42 11 00-1347	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	197.06	
		For Bituminous Coated, Add	*47.29*	
33 42 11 00-1348	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	279.46	
		For Bituminous Coated, Add	*67.07*	
33 42 11 00-1349	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	399.71	
		For Bituminous Coated, Add	*71.95*	
33 42 11 00-1350	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	491.23	
		For Bituminous Coated, Add	*88.42*	
33 42 11 00-1351	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	631.02	
		For Bituminous Coated, Add	*88.34*	
33 42 11 00-1352	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	674.92	
		For Bituminous Coated, Add	*94.49*	
33 42 11 00-1353	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	719.06	
		For Bituminous Coated, Add	*100.67*	
33 42 11 00-1354	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	762.98	
		For Bituminous Coated, Add	*106.82*	
33 42 11 00-1355	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	807.01	
		For Bituminous Coated, Add	*112.98*	
33 42 11 00-1356	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	851.16	
		For Bituminous Coated, Add	*119.16*	
33 42 11 00-1357	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	895.10	
		For Bituminous Coated, Add	*125.31*	
33 42 11 00-1358	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	1,060.15	
		For Bituminous Coated, Add	*127.22*	
33 42 11 00-1359	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	982.92	
		For Bituminous Coated, Add	*117.95*	
33 42 11 00-1360	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	1,026.73	
		For Bituminous Coated, Add	*123.21*	
33 42 11 00-1361	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	1,070.85	
		For Bituminous Coated, Add	*128.50*	
33 42 11 00-1362	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	1,115.02	
		For Bituminous Coated, Add	*133.80*	
33 42 11 00-1363		Vitrified Clay Piping *(33 42 11)*		
33 42 11 00-1364		Extra Strength Vitrified Clay Piping *(33 42 11 00-1363)*		
33 42 11 00-1365		Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-1364)*		
		Note: ASTM C700.		
33 42 11 00-1366	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	15.00	
		For 3' Lengths, Add	*1.08*	
		For 2' Lengths, Add	*1.44*	
		For Standard Strength, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.75*	
33 42 11 00-1367	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	25.03	
		For 3' Lengths, Add	*1.68*	
		For 2' Lengths, Add	*2.24*	
		For Standard Strength, Deduct	*-0.56*	
		For >1,000, Deduct	*-1.25*	
33 42 11 00-1368	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	29.60	
		For 3' Lengths, Add	*2.40*	
		For 2' Lengths, Add	*3.20*	
		For Standard Strength, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.48*	
33 42 11 00-1369	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	34.90	
		For 3' Lengths, Add	*3.68*	
		For 2' Lengths, Add	*4.90*	
		For Standard Strength, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1370	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	41.99	
		For 3' Lengths, Add	*5.19*	
		For 2' Lengths, Add	*6.92*	
		For Standard Strength, Deduct	*-1.73*	
		For >1,000, Deduct	*-2.10*	
33 42 11 00-1371	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	59.92	
		For 3' Lengths, Add	*9.73*	
		For 2' Lengths, Add	*12.98*	
		For Standard Strength, Deduct	*-3.24*	
		For >1,000, Deduct	*-3.00*	
33 42 11 00-1372	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	80.77	
		For 3' Lengths, Add	*13.95*	
		For 2' Lengths, Add	*18.60*	
		For Standard Strength, Deduct	*-4.65*	
		For >1,000, Deduct	*-4.04*	
33 42 11 00-1373	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	117.71	
		For 3' Lengths, Add	*22.35*	
		For 2' Lengths, Add	*29.80*	
		For Standard Strength, Deduct	*-7.45*	
		For >1,000, Deduct	*-5.89*	
33 42 11 00-1374	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	149.80	
		For 3' Lengths, Add	*29.20*	
		For 2' Lengths, Add	*38.93*	
		For Standard Strength, Deduct	*-9.73*	
		For >1,000, Deduct	*-7.49*	
33 42 11 00-1375	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	185.08	
		For 3' Lengths, Add	*36.41*	
		For 2' Lengths, Add	*48.54*	
		For Standard Strength, Deduct	*-12.14*	
		For >1,000, Deduct	*-9.25*	
33 42 11 00-1376	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	223.98	
		For 3' Lengths, Add	*43.98*	
		For 2' Lengths, Add	*58.64*	
		For Standard Strength, Deduct	*-14.66*	
		For >1,000, Deduct	*-11.20*	

33 42 11 00-1377 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-1364)*
Note: ASTM C425.

33 42 11 00-1378	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	21.52	
		For 3' Lengths, Add	*1.28*	
		For 2' Lengths, Add	*1.70*	
		For Standard Strength, Deduct	*-0.43*	
		For >1,000, Deduct	*-1.08*	
33 42 11 00-1379	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	26.37	
		For 3' Lengths, Add	*2.08*	
		For 2' Lengths, Add	*2.78*	
		For Standard Strength, Deduct	*-0.69*	
		For >1,000, Deduct	*-1.32*	
33 42 11 00-1380	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	31.40	
		For 3' Lengths, Add	*2.94*	
		For 2' Lengths, Add	*3.92*	
		For Standard Strength, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.57*	
33 42 11 00-1381	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	38.74	
		For 3' Lengths, Add	*4.83*	
		For 2' Lengths, Add	*6.44*	
		For Standard Strength, Deduct	*-1.61*	
		For >1,000, Deduct	*-1.94*	
33 42 11 00-1382	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	45.84	
		For 3' Lengths, Add	*6.35*	
		For 2' Lengths, Add	*8.46*	
		For Standard Strength, Deduct	*-2.12*	
		For >1,000, Deduct	*-2.29*	
33 42 11 00-1383	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	66.05	
		For 3' Lengths, Add	*11.57*	
		For 2' Lengths, Add	*15.43*	
		For Standard Strength, Deduct	*-3.86*	
		For >1,000, Deduct	*-3.30*	
33 42 11 00-1384	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	90.74	
		For 3' Lengths, Add	*16.94*	
		For 2' Lengths, Add	*22.59*	
		For Standard Strength, Deduct	*-5.65*	
		For >1,000, Deduct	*-4.54*	
33 42 11 00-1385	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	129.13	
		For 3' Lengths, Add	*25.77*	
		For 2' Lengths, Add	*34.36*	
		For Standard Strength, Deduct	*-8.59*	
		For >1,000, Deduct	*-6.46*	
33 42 11 00-1386	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	167.83	
		For 3' Lengths, Add	*34.61*	
		For 2' Lengths, Add	*46.14*	
		For Standard Strength, Deduct	*-11.54*	
		For >1,000, Deduct	*-8.39*	
33 42 11 00-1387	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	264.38	
		For 3' Lengths, Add	*60.20*	
		For 2' Lengths, Add	*80.26*	
		For Standard Strength, Deduct	*-20.07*	
		For >1,000, Deduct	*-13.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1388	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	372.96	
		For 3' Lengths, Add	*88.67*	
		For 2' Lengths, Add	*118.23*	
		For Standard Strength, Deduct	*-29.56*	
		For >1,000, Deduct	*-18.65*	

33 42 11 00-1389 Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-1363)*

33 42 11 00-1390 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*

33 42 11 00-1391 Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-1390)*

33 42 11 00-1392	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	59.93
33 42 11 00-1393	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	79.87
33 42 11 00-1394	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	111.89
33 42 11 00-1395	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	151.13
33 42 11 00-1396	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	197.47
33 42 11 00-1397	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	455.23
33 42 11 00-1398	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	639.76
33 42 11 00-1399	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	992.86
33 42 11 00-1400	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,147.25
33 42 11 00-1401	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,334.56
33 42 11 00-1402	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,988.92

33 42 11 00-1403 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1390)*

33 42 11 00-1404	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	68.25
33 42 11 00-1405	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	95.16
33 42 11 00-1406	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	126.97
33 42 11 00-1407	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	167.38
33 42 11 00-1408	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	210.51
33 42 11 00-1409	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	511.80
33 42 11 00-1410	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	741.00
33 42 11 00-1411	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	766.79
33 42 11 00-1412	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,467.00
33 42 11 00-1413	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,638.15
33 42 11 00-1414	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,417.48

33 42 11 00-1415 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*

33 42 11 00-1416 Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1415)*

33 42 11 00-1417	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	71.34
33 42 11 00-1418	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	93.61
33 42 11 00-1419	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	127.94
33 42 11 00-1420	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	168.66
33 42 11 00-1421	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	217.22
33 42 11 00-1422	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	477.22
33 42 11 00-1423	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	667.17
33 42 11 00-1424	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,027.44
33 42 11 00-1425	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,189.24
33 42 11 00-1426	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,386.92
33 42 11 00-1427	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,047.12

33 42 11 00-1428 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1415)*

33 42 11 00-1429	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	81.93
33 42 11 00-1430	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	111.64
33 42 11 00-1431	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	146.25
33 42 11 00-1432	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	188.43
33 42 11 00-1433	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	234.23
33 42 11 00-1434	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	538.18
33 42 11 00-1435	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	773.90
33 42 11 00-1436	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,481.82
33 42 11 00-1437	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,517.38
33 42 11 00-1438	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,700.98
33 42 11 00-1439	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,487.33

33 42 11 00-1440 Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*

33 42 11 00-1441 Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1440)*

33 42 11 00-1442	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	79.87
33 42 11 00-1443	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	103.03
33 42 11 00-1444	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	137.19
33 42 11 00-1445	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	177.72
33 42 11 00-1446	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	222.01
33 42 11 00-1447	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	486.67
33 42 11 00-1448	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	677.35
33 42 11 00-1449	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	973.09
33 42 11 00-1450	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,347.36
33 42 11 00-1451	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,434.77
33 42 11 00-1452	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,044.57

33 42 11 00-1453 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1454	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	97.31	
33 42 11 00-1455	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	130.98	
33 42 11 00-1456	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	169.84	
33 42 11 00-1457	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	215.99	
33 42 11 00-1458	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	266.65	
33 42 11 00-1459	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	591.60	
33 42 11 00-1460	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	846.95	
33 42 11 00-1461	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,249.25	
33 42 11 00-1462	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,650.01	
33 42 11 00-1463	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,913.67	
33 42 11 00-1464	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	2,695.17	

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

33 42 13 13-0001 Precast Reinforced Concrete Box Culvert *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 13 13-0002	LF	4' x 2' Precast Reinforced Concrete Box Culvert	219.19	39.35
		For Each LF Of Cut-Off Section, Add	*8.77*	
33 42 13 13-0003	LF	4' x 3' Precast Reinforced Concrete Box Culvert	251.97	39.35
		For Each LF Of Cut-Off Section, Add	*10.08*	
33 42 13 13-0004	LF	5' x 3' Precast Reinforced Concrete Box Culvert	304.42	49.19
		For Each LF Of Cut-Off Section, Add	*12.18*	
33 42 13 13-0005	LF	5' x 4' Precast Reinforced Concrete Box Culvert	310.67	49.19
		For Each LF Of Cut-Off Section, Add	*12.43*	
33 42 13 13-0006	LF	5' x 5' Precast Reinforced Concrete Box Culvert	313.79	49.19
		For Each LF Of Cut-Off Section, Add	*12.55*	
33 42 13 13-0007	LF	6' x 3' Precast Reinforced Concrete Box Culvert	323.97	51.15
		For Each LF Of Cut-Off Section, Add	*12.96*	
33 42 13 13-0008	LF	6' x 4' Precast Reinforced Concrete Box Culvert	325.53	51.15
		For Each LF Of Cut-Off Section, Add	*13.02*	
33 42 13 13-0009	LF	6' x 6' Precast Reinforced Concrete Box Culvert	353.63	51.15
		For Each LF Of Cut-Off Section, Add	*14.15*	
33 42 13 13-0010	LF	7' x 4' Precast Reinforced Concrete Box Culvert	369.37	59.02
		For Each LF Of Cut-Off Section, Add	*14.77*	
33 42 13 13-0011	LF	7' x 6' Precast Reinforced Concrete Box Culvert	411.86	80.28
		For Each LF Of Cut-Off Section, Add	*16.47*	
33 42 13 13-0012	LF	8' x 2' Precast Reinforced Concrete Box Culvert	355.19	51.15
		For Each LF Of Cut-Off Section, Add	*14.21*	
33 42 13 13-0013	LF	8' x 3' Precast Reinforced Concrete Box Culvert	370.93	59.02
		For Each LF Of Cut-Off Section, Add	*14.84*	
33 42 13 13-0014	LF	8' x 4' Precast Reinforced Concrete Box Culvert	375.61	59.02
		For Each LF Of Cut-Off Section, Add	*15.02*	
33 42 13 13-0015	LF	8' x 5' Precast Reinforced Concrete Box Culvert	460.54	78.70
		For Each LF Of Cut-Off Section, Add	*18.42*	
33 42 13 13-0016	LF	8' x 6' Precast Reinforced Concrete Box Culvert	461.79	78.70
		For Each LF Of Cut-Off Section, Add	*18.47*	
33 42 13 13-0017	LF	8' x 8' Precast Reinforced Concrete Box Culvert	522.05	98.37
		For Each LF Of Cut-Off Section, Add	*20.88*	
33 42 13 13-0018	LF	9' x 4' Precast Reinforced Concrete Box Culvert	500.81	78.70
		For Each LF Of Cut-Off Section, Add	*20.03*	
33 42 13 13-0019	LF	9' x 6' Precast Reinforced Concrete Box Culvert	544.84	98.37
		For Each LF Of Cut-Off Section, Add	*21.79*	
33 42 13 13-0020	LF	10' x 3' Precast Reinforced Concrete Box Culvert	546.40	98.37
		For Each LF Of Cut-Off Section, Add	*21.86*	
33 42 13 13-0021	LF	10' x 4' Precast Reinforced Concrete Box Culvert	643.19	98.37
		For Each LF Of Cut-Off Section, Add	*25.73*	
33 42 13 13-0022	LF	10' x 5' Precast Reinforced Concrete Box Culvert	688.79	118.05
		For Each LF Of Cut-Off Section, Add	*27.55*	
33 42 13 13-0023	LF	10' x 6' Precast Reinforced Concrete Box Culvert	695.03	118.05
		For Each LF Of Cut-Off Section, Add	*27.80*	
33 42 13 13-0024	LF	10' x 7' Precast Reinforced Concrete Box Culvert	696.60	118.05
		For Each LF Of Cut-Off Section, Add	*27.86*	
33 42 13 13-0025	LF	10' x 8' Precast Reinforced Concrete Box Culvert	698.78	118.05
		For Each LF Of Cut-Off Section, Add	*27.95*	
33 42 13 13-0026	LF	12' x 3' Precast Reinforced Concrete Box Culvert	740.62	137.72
		For Each LF Of Cut-Off Section, Add	*29.62*	
33 42 13 13-0027	LF	12' x 4' Precast Reinforced Concrete Box Culvert	740.62	137.72
		For Each LF Of Cut-Off Section, Add	*29.62*	
33 42 13 13-0028	LF	12' x 6' Precast Reinforced Concrete Box Culvert	740.62	137.72
		For Each LF Of Cut-Off Section, Add	*29.62*	
33 42 13 13-0029	LF	12' x 8' Precast Reinforced Concrete Box Culvert	740.62	137.72
		For Each LF Of Cut-Off Section, Add	*29.62*	
33 42 13 13-0030	LF	16' x 10' Precast Reinforced Concrete Box Culvert	1,035.97	157.39
		For Each LF Of Cut-Off Section, Add	*41.44*	
33 42 13 13-0031	LF	24' x 10' Precast Reinforced Concrete Box Culvert	1,379.39	157.39
		For Each LF Of Cut-Off Section, Add	*55.18*	

33 42 13 13-0032 Precast Reinforced Concrete Box Culvert For Roadways *(33 42 13 13)*

Note: AASHTO H/20, H/25 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 13 13-0033	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,671.42	39.35
		For Each LF Of Cut-Off Section, Add	*66.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0034	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,888.61	39.35
		For Each LF Of Cut-Off Section, Add	*75.54*	
33 42 13 13-0035	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,125.43	49.19
		For Each LF Of Cut-Off Section, Add	*85.02*	
33 42 13 13-0036	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,342.62	49.19
		For Each LF Of Cut-Off Section, Add	*93.70*	
33 42 13 13-0037	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,559.82	49.19
		For Each LF Of Cut-Off Section, Add	*102.39*	
33 42 13 13-0038	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,346.56	51.15
		For Each LF Of Cut-Off Section, Add	*93.86*	
33 42 13 13-0039	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,563.76	51.15
		For Each LF Of Cut-Off Section, Add	*102.55*	
33 42 13 13-0040	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,998.15	51.15
		For Each LF Of Cut-Off Section, Add	*119.93*	
33 42 13 13-0041	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,796.70	59.02
		For Each LF Of Cut-Off Section, Add	*111.87*	
33 42 13 13-0042	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,273.53	80.28
		For Each LF Of Cut-Off Section, Add	*130.94*	
33 42 13 13-0043	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	2,563.76	51.15
		For Each LF Of Cut-Off Section, Add	*102.55*	
33 42 13 13-0044	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,796.70	59.02
		For Each LF Of Cut-Off Section, Add	*111.87*	
33 42 13 13-0045	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,013.89	59.02
		For Each LF Of Cut-Off Section, Add	*120.56*	
33 42 13 13-0046	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,270.38	78.70
		For Each LF Of Cut-Off Section, Add	*130.82*	
33 42 13 13-0047	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,487.57	78.70
		For Each LF Of Cut-Off Section, Add	*139.50*	
33 42 13 13-0048	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,961.32	98.37
		For Each LF Of Cut-Off Section, Add	*158.45*	
33 42 13 13-0049	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,523.12	78.70
		For Each LF Of Cut-Off Section, Add	*140.92*	
33 42 13 13-0050	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,026.68	98.37
		For Each LF Of Cut-Off Section, Add	*161.07*	
33 42 13 13-0051	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,979.42	98.37
		For Each LF Of Cut-Off Section, Add	*159.18*	
33 42 13 13-0052	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	4,237.33	98.37
		For Each LF Of Cut-Off Section, Add	*169.49*	
33 42 13 13-0053	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	4,534.58	118.05
		For Each LF Of Cut-Off Section, Add	*181.38*	
33 42 13 13-0054	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,792.48	118.05
		For Each LF Of Cut-Off Section, Add	*191.70*	
33 42 13 13-0055	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	5,050.42	118.05
		For Each LF Of Cut-Off Section, Add	*202.02*	
33 42 13 13-0056	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	5,308.33	118.05
		For Each LF Of Cut-Off Section, Add	*212.33*	
33 42 13 13-0057	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	5,259.90	137.72
		For Each LF Of Cut-Off Section, Add	*210.40*	
33 42 13 13-0058	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	5,553.06	137.72
		For Each LF Of Cut-Off Section, Add	*222.12*	
33 42 13 13-0059	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	6,139.47	137.72
		For Each LF Of Cut-Off Section, Add	*245.58*	
33 42 13 13-0060	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	6,725.88	137.72
		For Each LF Of Cut-Off Section, Add	*269.04*	
33 42 13 13-0061	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	8,068.36	157.39
		For Each LF Of Cut-Off Section, Add	*322.73*	
33 42 13 13-0062	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	10,283.66	157.39
		For Each LF Of Cut-Off Section, Add	*411.35*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	989.86	524.32
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,253.26	559.27
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,624.52	732.57
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,489.33	1,048.63
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,436.55	1,398.18
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,425.06	1,842.95
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,205.38	2,542.13
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	7,367.58	2,996.07
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	8,877.73	3,647.46
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,691.06	4,415.29

33 42 23 00-0014 Precast Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	446.97	134.58
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	469.40	142.07
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	519.57	161.51
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	569.57	171.97
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	722.51	201.88
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	822.83	209.36
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	1,044.07	242.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	1,142.40	267.57
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	1,252.26	283.31
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall	1,405.25	283.31
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall	1,648.28	354.14
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall	2,252.05	424.96
33 42 23 00-0027		Precast Concrete Wingwalls *(33 42 23 00-0001)*		
33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	2,923.39	1,402.40
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,159.49	1,558.21
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,552.98	1,817.92
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	3,946.47	2,077.62
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,946.47	2,077.62
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,103.86	2,181.50
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,763.08	2,233.44
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	5,999.17	2,389.26
33 42 23 00-0036		Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*		
33 42 23 00-0037	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	2,200.58	550.88

33 42 26 End Sections for Stormwater Piping *(33 42)*

33 42 26 16 Corrugated Metal End Sections for Stormwater Piping *(33 42 26)*

33 42 26 16-0001 Corrugated Metal Pipe End Sections *(33 42 26 16)*

33 42 26 16-0002 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*

33 42 26 16-0003 Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	195.87	52.34
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	226.20	56.08
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	262.75	59.82
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	316.54	65.43
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	350.31	71.03

33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	556.71	80.38
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	719.00	94.44
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,094.88	110.18
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,335.63	125.92
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,592.68	157.39
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,861.10	188.87

33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	204.02	52.34
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	234.58	56.08
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	275.63	59.82
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	331.99	65.43
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	367.85	71.03
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	610.55	80.38
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	784.81	94.44
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,240.87	110.18
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,524.03	125.92
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,783.21	157.39
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,464.54	188.87
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,812.43	283.31
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,301.44	377.75
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,594.79	405.29
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,895.09	432.83

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)*

33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	22.96
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	25.41
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	28.42
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	30.88
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	34.49
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	59.15
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	63.68
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	86.14
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	92.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	112.54	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	115.65	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	124.27	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	143.85	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	160.70	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	165.19	
33 42 26 16-0048		Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0049		Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	226.20	56.08
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	262.75	59.82
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	316.53	65.43
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	350.31	71.03
33 42 26 16-0054		Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	219.17	56.08
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	249.74	59.82
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	279.30	65.43
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	314.75	71.03
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	455.33	80.38
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	657.02	94.44
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,014.74	110.18
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,282.22	125.92
33 42 26 16-0063		Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	222.74	56.08
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	257.50	59.82
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	291.43	65.43
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	329.13	71.03
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	479.77	80.38
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	690.36	94.44
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,068.06	110.18
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,343.59	125.92
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,617.90	157.39
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,122.92	188.87
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,967.29	283.31
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,299.39	377.75
33 42 26 16-0076		Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0048)*		
33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	25.41	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	28.42	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	30.88	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	34.49	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	59.15	
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	63.68	
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	86.14	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	95.96	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	112.54	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	117.05	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	135.64	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	156.37	
33 42 26 16-0089		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0090		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	290.56	52.34
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	334.02	56.08
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	394.70	59.82
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	487.59	65.43
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	634.00	71.03
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	945.59	80.38
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,280.68	94.44
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	1,590.48	94.44
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,026.93	110.18
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,887.95	125.92
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,201.83	157.39
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,311.79	188.87
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,894.99	283.31
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,732.80	377.75
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,260.00	405.29
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,606.30	432.83
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,018.65	472.19
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,982.20	511.54

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	41.65	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	44.09	
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	47.67	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	53.50	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	56.86	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	73.85	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	88.65	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	93.15	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	102.13	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	115.42	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	136.16	
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	187.29	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	203.18	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	260.38	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	282.14	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	300.77	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	320.26	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	340.07	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	344.03	56.08
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	419.10	59.82
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	455.22	65.43
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	491.30	71.03
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	731.54	80.38
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,294.92	94.44
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,373.47	94.44
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,833.20	110.18
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,812.51	125.92
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,222.31	157.39
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,895.83	188.87
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,520.94	283.31
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,857.30	377.75
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,465.41	405.29
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,793.61	432.83
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,495.15	472.19
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,001.42	511.54
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	44.09	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	47.67	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	50.36	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	55.12	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	63.96	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	82.97	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	90.14	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	102.13	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	115.42	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	136.16	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	171.35	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	216.53	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	293.75	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	332.95	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	349.23	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	362.78	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	379.13	
33 42 26 16-0165		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0166		4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	397.26	56.08
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	506.62	59.82
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	617.18	65.43
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	735.44	71.03
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	873.46	80.38
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,138.38	94.44
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,794.50	110.18
33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	278.36	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	547.65	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	600.94	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	625.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	460.54	56.08
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	601.49	59.82
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	798.10	65.43
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	936.71	71.03
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,111.03	80.38
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,348.07	94.44
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,056.86	110.18
33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	534.40	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	568.21	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	625.24	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	659.00	
33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)*		
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	48.77	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	54.47	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	59.25	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	66.05	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	97.61	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	104.75	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	139.45	
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	522.05	59.82
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	653.51	65.43
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	772.52	71.03
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,447.42	80.38
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	370.99	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	672.63	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	708.83	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,041.48	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	54.19	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	61.41	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	66.95	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	80.00	
33 42 26 19		**Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	33.84	15.39
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	54.14	23.08
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	69.56	28.85
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	110.70	46.15
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	126.86	51.92
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	135.70	55.77
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	153.85	61.54
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	188.53	73.07
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	309.12	82.69
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	344.32	92.31
33 42 26 23		**Concrete End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	586.78	87.70
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	789.93	108.57
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	977.32	137.43
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,119.95	164.35
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,186.48	190.22
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,482.05	234.52
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	1,827.91	352.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	2,254.35	444.48
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	2,722.17	557.58
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	2,978.69	628.80
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	3,244.07	704.34
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	3,515.95	783.04
33 42 26 23-0015		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section	740.07	91.68
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section	890.38	114.27
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,079.38	144.65
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,231.34	172.98
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,505.39	200.20
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section	1,794.74	319.75
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section	1,838.79	440.23
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,494.82	555.60
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section	2,985.73	697.10
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section	3,222.25	786.19
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section	3,603.81	880.55
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section	3,992.09	978.05

33 42 31 Stormwater Area Drains and Inlets *(33 42)*

33 42 31 00-0001 Storm Drains *(33 42 31)*
See CSI section 33 05 61 00-0001 for manhole structures.

33 42 31 00-0002 Catch Basins And Inlet Basins *(33 42 31 00-0001)*
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*
Note: Inside dimensions.

33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,272.11	257.89
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,511.55	302.16
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,751.01	346.36
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,990.45	390.64
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,229.91	434.83
33 42 31 00-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,549.39	256.33
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,937.98	341.78
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,507.51	466.06
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,028.81	543.74
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,479.18	621.42
33 42 31 00-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,660.37	279.64
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,296.27	388.39
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,843.91	504.90
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,285.24	582.58
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,175.52	745.69

33 42 31 00-0022 Cast In Place, Catch Basin *(33 42 31 00-0002)*
Note: Inside span, overall depth.

33 42 31 00-0023 3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,603.58	311.79
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,702.17	331.52
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,854.58	356.07
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,075.79	394.13
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,233.93	419.54
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,340.52	439.97
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,498.81	465.37
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,603.33	485.87
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,762.69	511.19
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,868.22	531.70
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,026.43	557.10
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	378.32	69.59
33 42 31 00-0036		3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*		
33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	1,847.97	360.42
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	1,973.24	385.74
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,131.83	411.14
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,389.91	455.34
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,564.64	484.08
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,687.66	507.93
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,864.30	536.67
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,987.34	560.51
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,163.05	589.26
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,285.92	613.10
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,461.73	641.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	432.73	80.24
33 42 31 00-0049		**4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,109.57	412.31
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,241.01	438.48
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,425.20	469.48
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	2,720.62	519.89
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	2,913.78	551.97
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,054.09	579.23
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,247.23	611.31
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,387.70	638.58
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,580.84	670.66
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,721.16	697.92
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,914.30	730.08
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	489.27	91.27
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,440.61	478.10
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,593.94	505.13
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,799.19	540.08
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,135.97	597.41
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,351.57	633.61
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,514.39	664.91
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,729.84	701.10
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,892.67	732.49
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,108.26	768.69
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,270.03	799.99
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,486.53	836.19
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	560.85	104.55
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	3,136.69	606.42
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	3,511.64	670.12
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	3,745.98	709.80
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	3,926.47	744.61
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,158.82	784.23
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,340.39	819.02
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,573.64	858.71
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,753.22	893.51
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,987.55	933.13
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	827.73	116.67
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,490.84	676.25
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,038.22	765.52
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,298.78	809.63
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,505.51	849.16
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,767.00	893.59
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,974.79	933.13
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,235.36	977.56
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,442.09	1,017.10
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,702.65	1,061.53
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	712.84	132.67
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	3,863.44	749.35
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	4,466.59	847.30
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	4,746.36	895.30
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	4,972.44	938.41
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,251.14	986.41
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,478.14	1,029.53
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,756.99	1,077.53
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,982.92	1,120.64
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,262.69	1,168.64
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	782.87	146.11
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,252.46	825.94
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,082.55	956.90
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,391.10	1,010.03
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,646.80	1,058.27
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,955.35	1,111.32
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,211.05	1,159.63
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,519.60	1,212.68
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,775.31	1,260.92
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,084.77	1,314.06
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	885.56	164.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	4,659.14	905.87
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	5,567.61	1,048.79
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	5,895.83	1,105.65
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,170.37	1,157.54
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,499.58	1,214.32
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,774.10	1,266.28
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,102.32	1,323.07
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,377.91	1,375.03
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,706.06	1,431.81
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	963.30	178.97
33 42 31 00-0130		**7'-6" x 7'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,276.66	1,016.71
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,072.43	1,144.41
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,419.39	1,204.92
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,714.66	1,260.54
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,062.62	1,321.05
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,357.89	1,376.67
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,704.85	1,437.17
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,000.13	1,492.79
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,348.16	1,553.30
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,043.49	194.19
33 42 31 00-0141		**8' x 8', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	5,736.97	1,106.19
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	6,595.89	1,243.75
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	6,962.77	1,307.92
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,277.69	1,367.26
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,644.49	1,431.43
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,957.29	1,490.77
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,326.22	1,554.93
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,641.15	1,614.28
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,001.04	1,678.43
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,125.99	209.80
33 42 31 00-0152		**Precast Concrete Catch Basins** *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0153		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	461.96	160.80
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	651.48	241.21
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	833.06	313.57
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	993.66	370.66
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,231.29	470.36
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	1,411.18	542.72
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	99.00	36.18
33 42 31 00-0161		**2' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	524.14	178.90
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	735.29	265.33
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	936.34	349.75
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,112.72	408.05
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	1,388.33	522.62
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	1,589.13	603.03
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	111.56	43.42
33 42 31 00-0169		**3' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	677.05	211.05
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	937.78	311.97
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,189.95	412.07
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	1,481.82	514.58
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	1,754.64	613.48
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,020.12	713.98
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	140.05	51.00
33 42 31 00-0177		**4' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	807.29	234.77
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,059.29	321.61
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	1,448.05	482.42
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	1,807.26	603.03
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	2,142.16	723.63
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	2,469.52	844.23
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	170.85	60.31
33 42 31 00-0185		**5' Diameter Precast Catch Basins** *(33 42 31 00-0152)*		
33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,089.96	321.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	1,516.20	482.42
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	1,944.83	643.23
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	2,386.77	804.03
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	2,824.29	964.84
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	3,291.86	1,125.64
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	227.41	80.40
33 42 31 00-0193		6' Diameter Precast Catch Basins *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	1,601.38	482.42
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	2,210.31	723.63
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	2,855.57	964.84
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	3,560.93	1,206.04
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	4,249.27	1,447.26
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	4,926.85	1,688.47
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	339.40	120.60
33 42 31 00-0201		Precast Catch Basins Accessories *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,100.00	522.62
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	404.44	64.33
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	246.45	68.34
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	315.29	100.51
		For Each Additional Inch In Height, Add	*35.78*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	373.11	120.60
		For Each Additional Inch In Height, Add	*42.06*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	435.05	140.71
		For Each Additional Inch In Height, Add	*49.08*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	558.98	201.01
		For Each Additional Inch In Height, Add	*59.69*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	482.39	
33 42 31 00-0210		Catch Basin Risers *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	292.67	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	326.50	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	366.74	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	315.05	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	351.16	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	395.73	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	348.40	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	380.47	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	425.23	
33 42 31 00-0220		Precast Concrete Inlet Boxes *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0221		Precast Concrete Inlet Boxes *(33 42 31 00-0220)*		
33 42 31 00-0222		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
		Note: Yard inlet.		
33 42 31 00-0223		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0222)*		
33 42 31 00-0224	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	498.39	56.28
33 42 31 00-0225	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	586.81	68.34
33 42 31 00-0226	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	675.23	80.40
33 42 31 00-0227	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	764.66	92.96
33 42 31 00-0228		24" x 24" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0222)*		
33 42 31 00-0229	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	132.64	
33 42 31 00-0230	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	209.01	
33 42 31 00-0231	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	293.42	
33 42 31 00-0232	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	377.81	
33 42 31 00-0233	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	462.23	
33 42 31 00-0234	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	546.62	
33 42 31 00-0235		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0236		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0235)*		
33 42 31 00-0237	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,030.07	157.39
33 42 31 00-0238	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,161.65	181.99
33 42 31 00-0239	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,293.23	206.58
33 42 31 00-0240	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,424.94	231.24
33 42 31 00-0241	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,556.64	255.89
33 42 31 00-0242	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,688.35	280.53
33 42 31 00-0243	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,820.05	305.19
33 42 31 00-0244		22" x 48" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0235)*		
33 42 31 00-0245	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	260.43	
33 42 31 00-0246	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	408.28	
33 42 31 00-0247	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	448.21	
33 42 31 00-0248	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	570.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0249	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	693.41	
33 42 31 00-0250	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	809.19	
33 42 31 00-0251	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	940.76	
33 42 31 00-0252	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,072.35	
33 42 31 00-0253	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,204.06	
33 42 31 00-0254	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,335.76	
33 42 31 00-0255	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,467.47	
33 42 31 00-0256	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,599.17	
33 42 31 00-0257		30" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0258		30" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0257)*		
33 42 31 00-0259	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,009.09	173.13
33 42 31 00-0260	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,141.84	200.19
33 42 31 00-0261	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,274.60	227.24
33 42 31 00-0262	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,407.50	254.35
33 42 31 00-0263	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,540.38	281.48
33 42 31 00-0264	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,673.26	308.59
33 42 31 00-0265	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,806.15	335.71
33 42 31 00-0266		30" x 48" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0257)*		
33 42 31 00-0267	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	258.84	
33 42 31 00-0268	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	401.21	
33 42 31 00-0269	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	442.15	
33 42 31 00-0270	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	562.51	
33 42 31 00-0271	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	682.88	
33 42 31 00-0272	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	802.44	
33 42 31 00-0273	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	933.04	
33 42 31 00-0274	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,062.85	
33 42 31 00-0275	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,193.45	
33 42 31 00-0276	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,323.26	
33 42 31 00-0277	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,453.84	
33 42 31 00-0278	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,584.44	
33 42 31 00-0279		42" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0280		42" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0279)*		
33 42 31 00-0281	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,193.58	188.87
33 42 31 00-0282	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,349.24	219.57
33 42 31 00-0283	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,504.89	251.05
33 42 31 00-0284	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,659.76	281.74
33 42 31 00-0285	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,815.42	313.21
33 42 31 00-0286	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,971.08	343.91
33 42 31 00-0287	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,125.94	374.60
33 42 31 00-0288		42" x 48" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0279)*		
33 42 31 00-0289	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	283.45	
33 42 31 00-0290	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	448.85	
33 42 31 00-0291	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	490.97	
33 42 31 00-0292	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	626.56	
33 42 31 00-0293	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	762.15	
33 42 31 00-0294	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	897.74	
33 42 31 00-0295	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,043.94	
33 42 31 00-0296	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,190.16	
33 42 31 00-0297	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,336.37	
33 42 31 00-0298	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,482.58	
33 42 31 00-0299	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,628.80	
33 42 31 00-0300	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,775.01	
33 42 31 00-0301		42" x 48" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0279)*		
33 42 31 00-0302	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	681.34	118.05
33 42 31 00-0303		48" x 54" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0304		48" x 54" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0303)*		
33 42 31 00-0305	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	1,643.34	209.86
33 42 31 00-0306	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	1,844.03	244.35
33 42 31 00-0307	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,044.73	278.84
33 42 31 00-0308	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,245.19	313.21
33 42 31 00-0309	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,445.64	347.58
33 42 31 00-0310	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,646.10	381.95
33 42 31 00-0311	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,846.55	416.32
33 42 31 00-0312		48" x 54" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0303)*		
33 42 31 00-0313	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	281.23	
33 42 31 00-0314	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	433.94	
33 42 31 00-0315	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	631.24	
33 42 31 00-0316	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	828.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0317	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,012.71	
33 42 31 00-0318	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,210.02	
33 42 31 00-0319	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,410.71	
33 42 31 00-0320	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,611.42	
33 42 31 00-0321	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,811.87	
33 42 31 00-0322	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,012.32	
33 42 31 00-0323	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,212.78	
33 42 31 00-0324	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,413.23	
33 42 31 00-0325		48" x 54" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0303)*		
33 42 31 00-0326	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	740.08	127.88
33 42 31 00-0327		48" x 66" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0328		48" x 66" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0327)*		
33 42 31 00-0329	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	1,860.98	264.42
33 42 31 00-0330	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,084.41	308.60
33 42 31 00-0331	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,307.83	352.79
33 42 31 00-0332	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,530.77	396.72
33 42 31 00-0333	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,753.72	440.65
33 42 31 00-0334	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,976.65	484.59
33 42 31 00-0335	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,199.59	528.52
33 42 31 00-0336		48" x 66" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0327)*		
33 42 31 00-0337	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	311.35	
33 42 31 00-0338	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	468.46	
33 42 31 00-0339	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	691.67	
33 42 31 00-0340	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	914.88	
33 42 31 00-0341	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,116.05	
33 42 31 00-0342	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,339.28	
33 42 31 00-0343	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,562.71	
33 42 31 00-0344	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,786.13	
33 42 31 00-0345	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,009.07	
33 42 31 00-0346	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,232.02	
33 42 31 00-0347	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,454.95	
33 42 31 00-0348	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,677.89	
33 42 31 00-0349		48" x 66" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0327)*		
33 42 31 00-0350	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	823.50	143.23
33 42 31 00-0351		42" x 102" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0221)*		
33 42 31 00-0352		42" x 102" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0351)*		
33 42 31 00-0353	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	2,433.36	356.50
33 42 31 00-0354	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	2,723.11	415.52
33 42 31 00-0355	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,012.86	473.76
33 42 31 00-0356	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,301.83	532.78
33 42 31 00-0357	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,591.58	591.01
33 42 31 00-0358	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,880.54	649.26
33 42 31 00-0359	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,171.08	708.27
33 42 31 00-0360		42" x 102" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0351)*		
33 42 31 00-0361	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	426.68	
33 42 31 00-0362	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	634.59	
33 42 31 00-0363	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	918.83	
33 42 31 00-0364	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,203.07	
33 42 31 00-0365	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,464.49	
33 42 31 00-0366	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,748.72	
33 42 31 00-0367	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,038.47	
33 42 31 00-0368	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,328.22	
33 42 31 00-0369	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,617.19	
33 42 31 00-0370	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,906.94	
33 42 31 00-0371	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,195.90	
33 42 31 00-0372	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,485.65	
33 42 31 00-0373		42" x 102" ID, Precast Concrete Inlet Box Tops *(33 42 31 00-0351)*		
33 42 31 00-0374	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	1,108.44	157.39
33 42 31 00-0375		Frames And Grates For Inlets *(33 42 31 00-0220)*		
33 42 31 00-0376		Inlet Frames And Grates *(33 42 31 00-0375)*		
33 42 31 00-0377	EA	24" x 24", Heavy Duty Inlet Grate Note: For type A, B, D, or E inlets.	234.03	37.38
33 42 31 00-0378	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	285.23	37.38
33 42 31 00-0379	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	285.23	37.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0380	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	285.23	37.38
33 42 31 00-0381	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	313.13	37.38
33 42 31 00-0382	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	262.88	74.77
33 42 31 00-0383	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	319.81	74.77
33 42 31 00-0384	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	384.44	93.46
33 42 31 00-0385	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	338.03	93.46
33 42 31 00-0386	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	343.43	93.46
33 42 31 00-0387	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	348.82	93.46
33 42 31 00-0388	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	354.22	93.46
33 42 31 00-0389	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	354.22	93.46
33 42 31 00-0390	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	359.62	93.46
33 42 31 00-0391	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	365.01	93.46
33 42 31 00-0392	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	521.51	93.46
33 42 31 00-0393	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	532.30	93.46
33 42 31 00-0394	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	543.10	93.46
33 42 31 00-0395	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	362.86	93.46
33 42 31 00-0396	EA	6" Type J Curb Back Piece For Type B And D Inlets (US Foundry 3004J6)	354.22	93.46
33 42 31 00-0397	EA	8" Type J Curb Back Piece For Type B And D Inlets (US Foundry 3004J8)	354.22	93.46
33 42 31 00-0398	EA	6" Type P Curb Back Piece For Type B And D Inlets (US Foundry 3005P6)	348.82	93.46
33 42 31 00-0399	EA	8" Type P Curb Back Piece For Type B And D Inlets (US Foundry 3005P8)	354.22	93.46
33 42 31 00-0400	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	338.03	93.46
33 42 31 00-0401	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	338.03	93.46
33 42 31 00-0402	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	675.00	93.46
33 42 31 00-0403	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	675.00	93.46
33 42 31 00-0404	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	340.53	102.81
33 42 31 00-0405	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	403.13	102.81
33 42 31 00-0406	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	403.13	102.81
33 42 31 00-0407	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	415.00	102.81
33 42 31 00-0408	EA	Type B Inlet Frame (US Foundry 5216 FRM)	473.29	102.81
33 42 31 00-0409	EA	Type D Inlet Frame (US Foundry 2999 FRM)	437.67	102.81
33 42 31 00-0410	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	489.38	102.81
33 42 31 00-0411	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	466.68	102.81
33 42 31 00-0412	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	691.94	149.55
33 42 31 00-0413	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	1,049.19	149.55
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	696.35	149.55
33 42 31 00-0415	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,077.72	149.55
33 42 31 00-0416	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,160.96	224.31
33 42 31 00-0417	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,222.44	299.08
33 42 31 00-0418	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	1,294.31	299.08
33 42 31 00-0419	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	1,294.31	299.08
33 42 31 00-0420	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	1,150.76	299.08
33 42 31 00-0421	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	1,150.76	299.08
33 42 31 00-0422	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	1,349.56	299.08
33 42 31 00-0423		Catch Basin Frames And Covers *(33 42 31 00-0001)*		
33 42 31 00-0424		Cast Iron Frames And Covers *(33 42 31 00-0423)*		
33 42 31 00-0425	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	272.75	80.40
33 42 31 00-0426	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	330.84	90.86
33 42 31 00-0427	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	362.36	94.07
33 42 31 00-0428	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	403.55	109.35
33 42 31 00-0429	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	457.21	124.62
33 42 31 00-0430	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	671.21	130.26
33 42 31 00-0431	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	385.80	98.89
33 42 31 00-0432	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	484.93	114.17
33 42 31 00-0433	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	536.55	119.00
33 42 31 00-0434	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	514.75	119.00
33 42 31 00-0435	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	533.17	123.82
33 42 31 00-0436	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	567.56	128.64
33 42 31 00-0437	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	663.16	138.29
33 42 31 00-0438		Stainless Steel Frame And Cover *(33 42 31 00-0423)*		
33 42 31 00-0439	EA	24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover Note: Swalegard Prefilter	4,742.70	138.29
33 42 31 00-0440		Area Yard Drain *(33 42 31 00-0001)*		
33 42 31 00-0441		Ductile Iron Grates *(33 42 31 00-0440)* Note: Not for traffic loading.		
33 42 31 00-0442	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	100.18	28.85
33 42 31 00-0443	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	119.66	30.77
33 42 31 00-0444	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	255.72	38.46
33 42 31 00-0445	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	305.68	46.15
33 42 31 00-0446		Concrete Drainage Inlet Structures (CALTRANS) *(33 42 31 00-0001)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0447		**Type OS Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0448	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	1,596.31	
33 42 31 00-0449	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	1,852.89	
33 42 31 00-0450	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,090.48	
33 42 31 00-0451	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,309.08	
33 42 31 00-0452	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,508.68	
33 42 31 00-0453	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,689.29	
33 42 31 00-0454	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	3,659.37	
33 42 31 00-0455	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	4,263.94	
33 42 31 00-0456	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	4,820.95	
33 42 31 00-0457	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,332.03	
33 42 31 00-0458	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,820.76	
33 42 31 00-0459	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,268.39	
33 42 31 00-0460	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,674.94	
33 42 31 00-0461		**Type OL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0462	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,173.69	
33 42 31 00-0463	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,412.92	
33 42 31 00-0464	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,633.17	
33 42 31 00-0465	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,834.42	
33 42 31 00-0466	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,015.87	
33 42 31 00-0467	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,179.12	
33 42 31 00-0468	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,120.39	
33 42 31 00-0469	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,710.56	
33 42 31 00-0470	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,253.20	
33 42 31 00-0471	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,749.07	
33 42 31 00-0472	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,225.18	
33 42 31 00-0473	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,660.17	
33 42 31 00-0474	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,054.07	
33 42 31 00-0475		**Type OL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0476	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,705.79	
33 42 31 00-0477	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,929.21	
33 42 31 00-0478	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,132.83	
33 42 31 00-0479	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,318.27	
33 42 31 00-0480	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,483.90	
33 42 31 00-0481	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,630.55	
33 42 31 00-0482	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,581.40	
33 42 31 00-0483	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,156.39	
33 42 31 00-0484	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,685.43	
33 42 31 00-0485	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,166.93	
33 42 31 00-0486	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,629.58	
33 42 31 00-0487	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,051.94	
33 42 31 00-0488	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,432.41	
33 42 31 00-0489		**Type OL-14 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0490	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,464.32	
33 42 31 00-0491	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,664.25	
33 42 31 00-0492	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,845.19	
33 42 31 00-0493	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,007.14	
33 42 31 00-0494	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,150.09	
33 42 31 00-0495	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,274.05	
33 42 31 00-0496	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,234.52	
33 42 31 00-0497	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,789.06	
33 42 31 00-0498	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,296.85	
33 42 31 00-0499	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,757.88	
33 42 31 00-0500	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,203.37	
33 42 31 00-0501	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,606.96	
33 42 31 00-0502	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,969.44	
33 42 31 00-0503		**Type OL-21 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0504	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,004.02	
33 42 31 00-0505	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,157.42	
33 42 31 00-0506	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,291.83	
33 42 31 00-0507	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,407.24	
33 42 31 00-0508	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,502.85	
33 42 31 00-0509	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,580.29	
33 42 31 00-0510	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,511.93	
33 42 31 00-0511	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,026.11	
33 42 31 00-0512	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,493.55	
33 42 31 00-0513	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,914.23	
33 42 31 00-0514	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,324.22	
33 42 31 00-0515	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,692.31	
33 42 31 00-0516	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,019.28	
33 42 31 00-0517		**Type GOL-7 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0518	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,637.86	
33 42 31 00-0519	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,901.76	
33 42 31 00-0520	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,143.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0521	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,363.94	
33 42 31 00-0522	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,563.00	
33 42 31 00-0523	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,741.00	
33 42 31 00-0524	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,763.90	
33 42 31 00-0525	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,421.09	
33 42 31 00-0526	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,025.69	
33 42 31 00-0527	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,576.89	
33 42 31 00-0528	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,107.09	
33 42 31 00-0529	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,591.04	
33 42 31 00-0530	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,027.92	
33 42 31 00-0531		**Type GOL-10 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0532	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,215.25	
33 42 31 00-0533	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,461.00	
33 42 31 00-0534	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,685.68	
33 42 31 00-0535	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,889.27	
33 42 31 00-0536	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,070.99	
33 42 31 00-0537	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,230.83	
33 42 31 00-0538	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,253.73	
33 42 31 00-0539	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,895.18	
33 42 31 00-0540	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,484.04	
33 42 31 00-0541	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,020.30	
33 42 31 00-0542	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,536.63	
33 42 31 00-0543	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,006.69	
33 42 31 00-0544	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,430.50	
33 42 31 00-0545		**Type G-1 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0546	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,075.53	
33 42 31 00-0547	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,284.74	
33 42 31 00-0548	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,477.89	
33 42 31 00-0549	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,656.57	
33 42 31 00-0550	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,820.80	
33 42 31 00-0551	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,968.94	
33 42 31 00-0552		**Type G-2 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0553	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,483.09	
33 42 31 00-0554	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,717.89	
33 42 31 00-0555	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,935.35	
33 42 31 00-0556	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,135.44	
33 42 31 00-0557	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,318.19	
33 42 31 00-0558	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,482.79	
33 42 31 00-0559	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,361.62	
33 42 31 00-0560	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,919.34	
33 42 31 00-0561	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,434.10	
33 42 31 00-0562	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,905.91	
33 42 31 00-0563	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,357.18	
33 42 31 00-0564	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,770.72	
33 42 31 00-0565	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,145.71	
33 42 31 00-0566		**Type G-3 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0567	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,166.10	
33 42 31 00-0568	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,372.25	
33 42 31 00-0569	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,563.12	
33 42 31 00-0570	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,739.55	
33 42 31 00-0571	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,899.90	
33 42 31 00-0572	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,045.78	
33 42 31 00-0573		**Type G-4_24 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0574	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,437.81	
33 42 31 00-0575	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,674.14	
33 42 31 00-0576	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,893.12	
33 42 31 00-0577	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,093.96	
33 42 31 00-0578	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,278.24	
33 42 31 00-0579	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,444.38	
33 42 31 00-0580	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,342.41	
33 42 31 00-0581	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,901.29	
33 42 31 00-0582	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,416.43	
33 42 31 00-0583	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,888.61	
33 42 31 00-0584	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,340.17	
33 42 31 00-0585	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,753.99	
33 42 31 00-0586	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,130.08	
33 42 31 00-0587		**Type G-4_18 Concrete Drainage Inlet Structure** *(33 42 31 00-0446)*		
33 42 31 00-0588	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,483.09	
33 42 31 00-0589	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,717.89	
33 42 31 00-0590	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,935.35	
33 42 31 00-0591	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,135.44	
33 42 31 00-0592	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,318.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0593	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,482.79	
33 42 31 00-0594	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,361.62	
33 42 31 00-0595	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	3,919.34	
33 42 31 00-0596	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,434.10	
33 42 31 00-0597	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,905.91	
33 42 31 00-0598	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,357.18	
33 42 31 00-0599	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,770.72	
33 42 31 00-0600	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,145.71	
33 42 31 00-0601		Type G-5 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0602	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,154.78	
33 42 31 00-0603	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,361.10	
33 42 31 00-0604	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,552.97	
33 42 31 00-0605	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,728.78	
33 42 31 00-0606	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,890.11	
33 42 31 00-0607	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,036.18	
33 42 31 00-0608		Type G-6 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0609	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,177.42	
33 42 31 00-0610	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,383.39	
33 42 31 00-0611	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,574.08	
33 42 31 00-0612	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,749.51	
33 42 31 00-0613	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,909.69	
33 42 31 00-0614	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,055.39	
33 42 31 00-0615		Type GT1 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0616	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,969.91	
33 42 31 00-0617	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,292.01	
33 42 31 00-0618	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,610.66	
33 42 31 00-0619	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,865.13	
33 42 31 00-0620	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,115.35	
33 42 31 00-0621	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,342.41	
33 42 31 00-0622		Type GT2 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0623	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,388.79	
33 42 31 00-0624	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,739.32	
33 42 31 00-0625	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,062.94	
33 42 31 00-0626	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,360.43	
33 42 31 00-0627	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,631.01	
33 42 31 00-0628	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,875.47	
33 42 31 00-0629	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,186.50	
33 42 31 00-0630	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,008.68	
33 42 31 00-0631	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,766.45	
33 42 31 00-0632	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,460.58	
33 42 31 00-0633	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,125.50	
33 42 31 00-0634	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,733.71	
33 42 31 00-0635	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,285.25	
33 42 31 00-0636		Type GT3 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0637	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,958.59	
33 42 31 00-0638	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,280.87	
33 42 31 00-0639	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,579.99	
33 42 31 00-0640	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,855.17	
33 42 31 00-0641	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,105.57	
33 42 31 00-0642	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,332.81	
33 42 31 00-0643		Type GT4 Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0644	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,468.05	
33 42 31 00-0645	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,815.68	
33 42 31 00-0646	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,137.22	
33 42 31 00-0647	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,431.82	
33 42 31 00-0648	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,700.32	
33 42 31 00-0649	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,942.70	
33 42 31 00-0650	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,196.10	
33 42 31 00-0651	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,018.10	
33 42 31 00-0652	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,775.68	
33 42 31 00-0653	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,468.84	
33 42 31 00-0654	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,133.60	
33 42 31 00-0655	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,741.68	
33 42 31 00-0656	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,293.06	
33 42 31 00-0657		Type GO Concrete Drainage Inlet Structure *(33 42 31 00-0446)*		
33 42 31 00-0658	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,403.84	
33 42 31 00-0659	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,630.38	
33 42 31 00-0660	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,839.95	
33 42 31 00-0661	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,032.53	
33 42 31 00-0662	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,208.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0663	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,367.55	
33 42 31 00-0664	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	3,255.97	
33 42 31 00-0665	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	3,797.22	
33 42 31 00-0666	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,295.51	
33 42 31 00-0667	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,752.47	
33 42 31 00-0668	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,190.56	
33 42 31 00-0669	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,590.76	
33 42 31 00-0670	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,954.65	

33 42 31 00-0671 Type GDO Concrete Drainage Inlet Structure *(33 42 31 00-0446)*

33 42 31 00-0672	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,834.06	
33 42 31 00-0673	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,131.80	
33 42 31 00-0674	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,407.33	
33 42 31 00-0675	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,661.45	
33 42 31 00-0676	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,892.59	
33 42 31 00-0677	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,102.30	
33 42 31 00-0678	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,187.62	
33 42 31 00-0679	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,885.14	
33 42 31 00-0680	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,528.36	
33 42 31 00-0681	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,118.14	
33 42 31 00-0682	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,682.58	
33 42 31 00-0683	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,199.26	
33 42 31 00-0684	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,668.18	

33 42 33 Stormwater Curbside Drains and Inlets *(33 42)*

33 42 33 00-0001 Curb Inlet Frames And Covers *(33 42 33)*

33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*

33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	462.22	94.07
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	496.99	109.35
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	511.27	109.35
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	560.55	128.64
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	562.06	137.49

33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*

See CSI section 03 31 13 00-0017 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*

Note: Excludes grates. See CSI section 33 42 36 00-0110 for grates.

33 42 36 00-0003 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0006	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	76.93	12.87
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*29.64*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*59.29*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.86*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*23.72*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*11.86*	

33 42 36 00-0007 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0008	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	37.42
33 42 36 00-0009	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	45.46
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	45.46

33 42 36 00-0011 Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0012	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	60.68
33 42 36 00-0013	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	60.68
33 42 36 00-0014	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	277.36
33 42 36 00-0015	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	514.52
33 42 36 00-0016	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	59.29

33 42 36 00-0017 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0018 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0017)*

33 42 36 00-0019	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	104.79	12.87
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	

33 42 36 00-0020 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0021	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	39.80	
33 42 36 00-0022	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	47.84	
33 42 36 00-0023	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	47.84	
33 42 36 00-0024		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0017)*		
33 42 36 00-0025	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	60.68	
33 42 36 00-0026	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	60.68	
33 42 36 00-0027	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	277.36	
33 42 36 00-0028	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	514.52	
33 42 36 00-0029	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	59.29	
33 42 36 00-0030		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0003)*		
33 42 36 00-0031		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0030)*		
33 42 36 00-0032	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	130.88	12.87
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	
33 42 36 00-0033		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0030)*		
33 42 36 00-0034	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	58.77	
33 42 36 00-0035	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	66.81	
33 42 36 00-0036	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	66.81	
33 42 36 00-0037		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0030)*		
33 42 36 00-0038	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	60.68	
33 42 36 00-0039	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	60.68	
33 42 36 00-0040	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	277.36	
33 42 36 00-0041	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	514.52	
33 42 36 00-0042	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	59.29	
33 42 36 00-0043		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0003)*		
33 42 36 00-0044		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0043)*		
33 42 36 00-0045	LF	6" Wide, Polymer Concrete, Modular Trench Drain	253.20	
33 42 36 00-0046		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0043)*		
33 42 36 00-0047	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	101.97	
33 42 36 00-0048	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	125.51	
33 42 36 00-0049	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	44.40	
33 42 36 00-0050		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0051		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0050)*		
33 42 36 00-0052		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	136.16	17.69
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	
33 42 36 00-0054		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	70.07	
33 42 36 00-0056	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	80.78	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	80.78	
33 42 36 00-0058		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0059	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	105.43	
33 42 36 00-0060	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	135.07	
33 42 36 00-0061	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	536.16	
33 42 36 00-0062	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,010.48	
33 42 36 00-0063	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	118.58	
33 42 36 00-0064		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0050)*		
33 42 36 00-0065		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0064)*		
33 42 36 00-0066	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	165.81	17.69
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0067		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0064)*		
33 42 36 00-0068	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	72.44	
33 42 36 00-0069	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	83.15	
33 42 36 00-0070	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	83.15	
33 42 36 00-0071		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0064)*		
33 42 36 00-0072	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	105.43	
33 42 36 00-0073	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	135.07	
33 42 36 00-0074	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	536.16	
33 42 36 00-0075	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,010.48	
33 42 36 00-0076	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	118.58	
33 42 36 00-0077		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0050)*		
33 42 36 00-0078		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0077)*		
33 42 36 00-0079	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	225.10	17.69
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	
33 42 36 00-0080		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0077)*		
33 42 36 00-0081	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	161.37	
33 42 36 00-0082	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	172.08	
33 42 36 00-0083	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	172.08	
33 42 36 00-0084		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0077)*		
33 42 36 00-0085	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	105.43	
33 42 36 00-0086	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	135.07	
33 42 36 00-0087	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	536.16	
33 42 36 00-0088	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,010.48	
33 42 36 00-0089	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	118.58	
33 42 36 00-0090		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0050)*		
33 42 36 00-0091		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0090)*		
33 42 36 00-0092	LF	12" Wide, Polymer Concrete, Modular Trench Drain	339.56	
33 42 36 00-0093		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0090)*		
33 42 36 00-0094	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	171.79	
33 42 36 00-0095	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	294.61	
33 42 36 00-0096	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	75.05	
33 42 36 00-0097		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0098		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0097)*		
33 42 36 00-0099		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	189.46	24.12
		For Acid Resistant Coated Frame, Add	*46.25*	
		For Galvanized Frame Assembly, Add	*46.25*	
		For Type 304 Stainless Steel Top Frame, Add	*284.59*	
33 42 36 00-0101		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	199.34	
33 42 36 00-0103	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	308.62	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	308.62	
33 42 36 00-0105		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0106	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	231.63	
33 42 36 00-0107	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	1,049.14	
33 42 36 00-0108	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	1,997.78	
33 42 36 00-0109	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	237.16	
33 42 36 00-0110		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0111		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0110)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0112	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	60.94	2.42
33 42 36 00-0113	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	51.99	2.42
33 42 36 00-0114	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	54.48	2.42
33 42 36 00-0115	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	47.89	2.42
33 42 36 00-0116	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	51.45	2.42
33 42 36 00-0117	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	52.04	2.42
33 42 36 00-0118	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	52.04	2.42
33 42 36 00-0119	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	51.45	2.42
33 42 36 00-0120	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	45.52	2.42
33 42 36 00-0121	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	45.52	2.42
33 42 36 00-0122	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	48.25	2.42
33 42 36 00-0123	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	48.25	2.42
33 42 36 00-0124	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	62.12	2.42
33 42 36 00-0125	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	62.12	2.42
33 42 36 00-0126	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	111.93	2.42
33 42 36 00-0127	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	111.93	2.42
33 42 36 00-0128	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	307.58	2.42
33 42 36 00-0129	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	43.15	2.42
33 42 36 00-0130	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	90.58	2.42

33 42 36 00-0131 12" Wide, Modular Trench Drain Grates *(33 42 36 00-0110)*

33 42 36 00-0132	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	164.51	2.61
33 42 36 00-0133	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	157.40	2.61
33 42 36 00-0134	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	137.24	2.61
33 42 36 00-0135	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	144.06	2.61
33 42 36 00-0136	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	124.79	2.61
33 42 36 00-0137	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	241.89	2.61
33 42 36 00-0138	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	241.89	2.61
33 42 36 00-0139	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	307.99	2.61
33 42 36 00-0140	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	307.99	2.61
33 42 36 00-0141	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	392.48	2.61
33 42 36 00-0142	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	392.48	2.61
33 42 36 00-0143	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	372.62	2.61
33 42 36 00-0144	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	177.26	2.61

33 42 36 00-0145 23" Wide, Modular Trench Drain Grates *(33 42 36 00-0110)*

33 42 36 00-0146	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	258.58	2.81
33 42 36 00-0147	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	218.26	2.81
33 42 36 00-0148	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	336.84	2.81
33 42 36 00-0149	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	250.28	2.81

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	11,659.81
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	13,792.77
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	16,089.04
		For Interior Polyurethane Coating, Add	*1,340.10*

33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	16,937.90
		For Interior Polyurethane Coating, Add	*711.00*
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	19,158.55
		For Interior Polyurethane Coating, Add	*893.70*
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	22,939.51
		For Interior Polyurethane Coating, Add	*1,340.10*
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	26,362.61
		For Interior Polyurethane Coating, Add	*1,550.70*
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	34,148.20
		For Interior Polyurethane Coating, Add	*2,057.80*

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	659.65	
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	891.12	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	516.21	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	388.41	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	148.77	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	2,175.39	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	4,350.79	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	6,526.26	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	421.28	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	489.44	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	978.88	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	2,107.36	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	581.03	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	749.25	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,023.97	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,820.63	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,325.47	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	2,904.86	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,648.27	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	710.40	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	865.89	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,360.08	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	677.38	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	822.23	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	975.60	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	57.51	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	64.97	

33 44 36 00-0041 Oil Skimmers *(33 44 36)*

33 44 36 00-0042 Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*

33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	4,685.16	505.46
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	4,910.24	505.46
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	4,706.00	505.46
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	4,994.64	505.46
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	4,942.54	505.46
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,133.23	505.46
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	4,991.52	505.46
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,279.12	505.46
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,264.09	674.08
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,504.80	674.08
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,327.65	674.08
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,673.61	674.08
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,872.64	674.08
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,113.35	674.08
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,923.70	674.08
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,270.70	674.08

33 44 36 00-0059 Oil Skimmers, Add-Ons *(33 44 36 00-0041)*

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	15.63
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	29.18
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	238.45
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	284.30

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines *(33 52 16 13)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	10.78	2.23
	33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	12.23	2.46
	33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	13.47	2.52
	33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	13.83	2.59
	33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	14.24	2.62
	33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	15.15	2.81
	33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	19.88	3.26
	33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	24.88	4.11
	33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	32.53	4.98
	33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	42.29	5.76
	33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	52.82	7.04
	33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	74.81	9.06

33 52 16 13-0015 Gas Line Taps *(33 52 16 13-0001)*

Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI *(33 52 16 13-0015)*

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	1,002.55	
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	1,157.19	
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	1,228.59	
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	1,787.06	
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	2,716.07	

33 52 16 13-0022 Steel, Schedule 40 *(33 52 16 13-0015)*

Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,563.89	
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,590.32	
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,629.95	
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,668.05	
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,694.36	
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	1,840.40	
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,890.02	

33 52 16 13-0030 Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*

Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	2.77	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	2.92	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.09	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.46	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.73	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.28	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.19	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	6.43	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.09	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	10.71	

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	15.60	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	15.60	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	19.26	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.70	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.70	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	25.68	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	34.29	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	46.86	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	47.40	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	54.54	

33 52 16 13-0053 Service Fittings *(33 52 16 13-0001)*

33 52 16 13-0054 Brass Fittings *(33 52 16 13-0053)*

33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	26.03	
33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	29.85	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	37.26	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	45.35	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	50.46	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	63.82	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	22.96	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	26.01	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	32.86	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	41.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	46.26	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	59.36	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	18.96	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	24.23	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	31.55	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	44.59	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	53.49	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	70.70	

33 52 16 13-0073 Anodless Gas Riser *(33 52 16 13-0053)*

33 52 16 13-0074	EA	3/4" Anodless Gas Riser	65.76	
33 52 16 13-0075	EA	1" Anodless Gas Riser	80.67	
33 52 16 13-0076	EA	1-1/4" Anodless Gas Riser	93.26	
33 52 16 13-0077	EA	1-1/2" Anodless Gas Riser	113.89	
33 52 16 13-0078	EA	2" Anodless Gas Riser	129.42	

33 52 16 13-0079 Brass Service Adapter *(33 52 16 13-0053)*

33 52 16 13-0080	EA	1/2" Brass Service Adapter	47.90	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	52.71	
33 52 16 13-0082	EA	1" Brass Service Adapter	62.79	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	72.15	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	82.51	
33 52 16 13-0085	EA	2" Brass Service Adapter	94.58	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	144.54	
33 52 16 13-0087	EA	3" Brass Service Adapter	175.59	
33 52 16 13-0088	EA	4" Brass Service Adapter	247.06	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*

Note: 60 PSI, PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" DR 9 (200 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	2.95	1.41
		For Colors, Add	*0.03*	
33 52 16 23-0003	LF	3/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.24	1.50
		For DR 13.5 (128 PSI), Deduct	*-0.05*	
		For Colors, Add	*0.03*	
33 52 16 23-0004	LF	1" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.54	1.60
		For DR 13.5 (128 PSI), Deduct	*-0.06*	
		For Colors, Add	*0.04*	
33 52 16 23-0005	LF	1-1/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.84	1.70
		For DR 13.5 (128 PSI), Deduct	*-0.07*	
		For Colors, Add	*0.05*	
33 52 16 23-0006	LF	1-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.31	2.05
		For DR 13.5 (128 PSI), Deduct	*-0.11*	
		For Colors, Add	*0.07*	
33 52 16 23-0007	LF	2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.76	2.23
		For DR 13.5 (128 PSI), Deduct	*-0.14*	
		For DR 15.5 (110 PSI), Deduct	*-0.26*	
		For Colors, Add	*0.09*	
33 52 16 23-0008	LF	2-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.71	2.61
		For DR 13.5 (128 PSI), Deduct	*-0.23*	
		For DR 15.5 (110 PSI), Deduct	*-0.42*	
		For Colors, Add	*0.15*	
33 52 16 23-0009	LF	3" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.80	3.10
		For DR 13.5 (128 PSI), Deduct	*-0.31*	
		For DR 15.5 (110 PSI), Deduct	*-0.58*	
		For Colors, Add	*0.20*	
33 52 16 23-0010	LF	4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.40	3.45
		For DR 13.5 (128 PSI), Deduct	*-0.58*	
		For DR 15.5 (110 PSI), Deduct	*-1.07*	
		For Colors, Add	*0.38*	
33 52 16 23-0011	LF	5" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	18.15	3.45
		For DR 13.5 (128 PSI), Deduct	*-0.81*	
		For DR 15.5 (110 PSI), Deduct	*-1.49*	
		For Colors, Add	*0.52*	
33 52 16 23-0012	LF	6" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	15.26	3.45
		For DR 13.5 (128 PSI), Deduct	*-1.04*	
		For DR 15.5 (110 PSI), Deduct	*-1.90*	
		For Colors, Add	*0.67*	
33 52 16 23-0013	LF	8" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	21.68	4.32
		For DR 13.5 (128 PSI), Deduct	*-1.72*	
		For DR 15.5 (110 PSI), Deduct	*-3.17*	
		For Colors, Add	*1.11*	

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	147.45	14.64
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	150.77	14.64
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	158.75	17.38
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	493.82	20.13
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	535.80	31.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	1,487.24	69.91
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	2,060.11	92.65

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	384.88	57.28
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	731.07	87.60
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	843.38	87.60
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	1,752.53	109.50
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,995.44	134.76
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,555.01	109.50
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,859.00	134.76
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	3,739.40	143.19
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,259.74	168.46
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	8,057.94	277.95
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading *(33 59 16)*

Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	6,466.26	271.15
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	6,752.64	314.88
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	10,443.51	366.66
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	20,215.85	446.37
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	33,708.44	557.96

33 60 Hydronic And Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 13 Preinsulated Pipe *(33 61 13)*

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	40.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.41*	
		For Schedule 80 Pipe, Add	*4.13*	
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	43.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
		For Schedule 80 Pipe, Add	*4.55*	
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.51*	
		For Schedule 80 Pipe, Add	*5.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.55*	
		For Schedule 80 Pipe, Add	*5.49*	
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.57*	
		For Schedule 80 Pipe, Add	*5.74*	
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
		For Schedule 80 Pipe, Add	*6.24*	
33 61 13 13-0009	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	71.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
		For Schedule 80 Pipe, Add	*6.74*	
33 61 13 13-0010	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	91.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.85*	
		For Schedule 80 Pipe, Add	*8.49*	
33 61 13 13-0011	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	113.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.09*	
		For Schedule 80 Pipe, Add	*10.86*	
33 61 13 13-0012	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	132.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.26*	
		For Schedule 80 Pipe, Add	*12.61*	
33 61 13 13-0013	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	176.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.84*	
		For Schedule 80 Pipe, Add	*18.36*	
33 61 13 13-0014	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	221.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.42*	
		For Schedule 80 Pipe, Add	*24.22*	
33 61 13 13-0015	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	274.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.02*	
		For Schedule 80 Pipe, Add	*30.22*	

33 61 13 13-0016 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0017	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	42.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
		For Schedule 80 Pipe, Add	*4.55*	
33 61 13 13-0018	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	46.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.50*	
		For Schedule 80 Pipe, Add	*5.00*	
33 61 13 13-0019	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.56*	
		For Schedule 80 Pipe, Add	*5.63*	
33 61 13 13-0020	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.60*	
		For Schedule 80 Pipe, Add	*6.04*	
33 61 13 13-0021	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	56.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
		For Schedule 80 Pipe, Add	*6.32*	
33 61 13 13-0022	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.69*	
		For Schedule 80 Pipe, Add	*6.87*	
33 61 13 13-0023	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	75.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.74*	
		For Schedule 80 Pipe, Add	*7.42*	
33 61 13 13-0024	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	95.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.93*	
		For Schedule 80 Pipe, Add	*9.34*	
33 61 13 13-0025	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	119.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.20*	
		For Schedule 80 Pipe, Add	*11.95*	
33 61 13 13-0026	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	139.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.39*	
		For Schedule 80 Pipe, Add	*13.87*	
33 61 13 13-0027	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	185.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.02*	
		For Schedule 80 Pipe, Add	*20.19*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0028		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	233.57	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.66*	
			For Schedule 80 Pipe, Add	*26.65*	
33 61 13 13-0029		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	289.67	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.32*	
			For Schedule 80 Pipe, Add	*33.24*	

33 61 13 13-0030 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0031		LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	43.46	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.48*	
			For Schedule 80 Pipe, Add	*4.75*	
33 61 13 13-0032		LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	47.39	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.52*	
			For Schedule 80 Pipe, Add	*5.23*	
33 61 13 13-0033		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.01	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
			For Schedule 80 Pipe, Add	*5.89*	
33 61 13 13-0034		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.43	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
			For Schedule 80 Pipe, Add	*6.32*	
33 61 13 13-0035		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.33	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
			For Schedule 80 Pipe, Add	*6.61*	
33 61 13 13-0036		LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.19	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.72*	
			For Schedule 80 Pipe, Add	*7.18*	
33 61 13 13-0037		LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	76.95	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.78*	
			For Schedule 80 Pipe, Add	*7.75*	
33 61 13 13-0038		LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	97.44	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.98*	
			For Schedule 80 Pipe, Add	*9.76*	
33 61 13 13-0039		LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	122.02	
			For High Density Polyethylene (HDPE) Jacket, Add	*1.25*	
			For Schedule 80 Pipe, Add	*12.49*	
33 61 13 13-0040		LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	142.29	
			For High Density Polyethylene (HDPE) Jacket, Add	*1.45*	
			For Schedule 80 Pipe, Add	*14.50*	
33 61 13 13-0041		LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	189.85	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.11*	
			For Schedule 80 Pipe, Add	*21.11*	
33 61 13 13-0042		LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	239.62	
			For High Density Polyethylene (HDPE) Jacket, Add	*2.79*	
			For Schedule 80 Pipe, Add	*27.86*	
33 61 13 13-0043		LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	297.23	
			For High Density Polyethylene (HDPE) Jacket, Add	*3.48*	
			For Schedule 80 Pipe, Add	*34.75*	

33 61 13 13-0044 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0045		LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.01	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.51*	
			For Schedule 80 Pipe, Add	*5.06*	
33 61 13 13-0046		LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.09	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.56*	
			For Schedule 80 Pipe, Add	*5.57*	
33 61 13 13-0047		LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	53.93	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
			For Schedule 80 Pipe, Add	*6.27*	
33 61 13 13-0048		LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.49	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
			For Schedule 80 Pipe, Add	*6.73*	
33 61 13 13-0049		LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.48	
			For High Density Polyethylene (HDPE) Jacket, Add	*0.70*	
			For Schedule 80 Pipe, Add	*7.04*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
		For Schedule 80 Pipe, Add	*7.65*	
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	79.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.83*	
		For Schedule 80 Pipe, Add	*8.26*	
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	100.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.04*	
		For Schedule 80 Pipe, Add	*10.40*	
33 61 13 13-0053	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	126.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.33*	
		For Schedule 80 Pipe, Add	*13.31*	
33 61 13 13-0054	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	147.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.55*	
		For Schedule 80 Pipe, Add	*15.45*	
33 61 13 13-0055	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	196.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.25*	
		For Schedule 80 Pipe, Add	*22.49*	
33 61 13 13-0056	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	248.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.97*	
		For Schedule 80 Pipe, Add	*29.68*	
33 61 13 13-0057	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	308.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.70*	
		For Schedule 80 Pipe, Add	*37.02*	

33 61 13 13-0058 Preinsulated Black Steel Fittings *(33 61 13 13)*

Note: No excavation or backfill.

33 61 13 13-0059 Elbows *(33 61 13 13-0058)*

33 61 13 13-0060 Elbows *(33 61 13 13-0059)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0061	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	304.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.25*	
33 61 13 13-0062	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	316.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.35*	
33 61 13 13-0063	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	364.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.94*	
33 61 13 13-0064	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	413.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.39*	
33 61 13 13-0065	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	496.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.62*	
33 61 13 13-0066	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	606.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.84*	
33 61 13 13-0067	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	705.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.74*	
33 61 13 13-0068	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	823.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.87*	
33 61 13 13-0069	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	966.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.11*	
33 61 13 13-0070	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,058.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.49*	
33 61 13 13-0071	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,476.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.61*	
33 61 13 13-0072	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,992.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.23*	
33 61 13 13-0073	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,523.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.10*	

33 61 13 13-0074 Elbows *(33 61 13 13-0059)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0075	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	320.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.56*	
33 61 13 13-0076	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0077	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	383.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.32*	
33 61 13 13-0078	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	433.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.80*	
33 61 13 13-0079	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	517.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.04*	
33 61 13 13-0080	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	628.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.28*	
33 61 13 13-0081	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	731.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 13-0082	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	853.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.46*	
33 61 13 13-0083	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,004.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.87*	
33 61 13 13-0084	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,101.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.35*	
33 61 13 13-0085	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,538.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.85*	
33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,072.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.82*	
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,628.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.20*	

33 61 13 13-0088 Elbows *(33 61 13 13-0059)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	336.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.88*	
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	349.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.00*	
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	401.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.69*	
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	453.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.20*	
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	538.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.46*	
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	650.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.72*	
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	756.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.75*	
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	882.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.05*	
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,042.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.63*	
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,144.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.21*	
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,600.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.10*	
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,152.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.41*	
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,733.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.31*	

33 61 13 13-0102 Elbows *(33 61 13 13-0059)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	352.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.20*	
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	365.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.32*	
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	420.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	473.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.61*	
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	559.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.88*	
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	672.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.16*	
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	781.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.26*	
33 61 13 13-0110	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	912.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.64*	
33 61 13 13-0111	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,080.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.39*	
33 61 13 13-0112	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,187.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.07*	
33 61 13 13-0113	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,662.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.34*	
33 61 13 13-0114	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,231.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.00*	
33 61 13 13-0115	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,839.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.42*	

33 61 13 13-0116 Tees *(33 61 13 13-0058)*

33 61 13 13-0117 Tees *(33 61 13 13-0116)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0118	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	453.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.30*	
33 61 13 13-0119	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	471.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.45*	
33 61 13 13-0120	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	543.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.34*	
33 61 13 13-0121	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	615.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.01*	
33 61 13 13-0122	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	739.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.34*	
33 61 13 13-0123	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	905.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.68*	
33 61 13 13-0124	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,053.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.01*	
33 61 13 13-0125	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,229.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.68*	
33 61 13 13-0126	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,444.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.02*	
33 61 13 13-0127	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,579.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.06*	
33 61 13 13-0128	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,200.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.66*	
33 61 13 13-0129	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,974.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.52*	
33 61 13 13-0130	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,763.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.72*	

33 61 13 13-0131 Tees *(33 61 13 13-0116)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0132	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	477.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.78*	
33 61 13 13-0133	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	495.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.94*	
33 61 13 13-0134	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	570.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0135	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	645.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.61*	
33 61 13 13-0136	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	770.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.97*	
33 61 13 13-0137	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	937.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.33*	
33 61 13 13-0138	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,091.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.76*	
33 61 13 13-0139	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,273.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.56*	
33 61 13 13-0140	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,500.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.15*	
33 61 13 13-0141	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,643.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.34*	
33 61 13 13-0142	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,292.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.51*	
33 61 13 13-0143	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,093.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.89*	
33 61 13 13-0144	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,919.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.85*	

33 61 13 13-0145 Tees *(33 61 13 13-0116)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0146	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	500.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	519.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.42*	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	598.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.44*	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	675.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	802.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.60*	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	970.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.98*	
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,128.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.52*	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,317.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.43*	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,557.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.27*	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,707.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.62*	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,385.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.36*	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,211.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.25*	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,076.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*47.98*	

33 61 13 13-0159 Tees *(33 61 13 13-0116)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	524.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.72*	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	544.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.91*	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	625.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.00*	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	705.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	833.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.22*	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,003.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.63*	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,166.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.27*	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,361.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.31*	
33 61 13 13-0168	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,613.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.40*	
33 61 13 13-0169	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,771.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.90*	
33 61 13 13-0170	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,477.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.21*	
33 61 13 13-0171	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,329.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.62*	
33 61 13 13-0172	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,232.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*51.11*	

33 61 13 13-0173 Reducers *(33 61 13 13-0058)*

33 61 13 13-0174 Reducers *(33 61 13 13-0173)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0175	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	259.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.52*	
33 61 13 13-0176	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	269.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.61*	
33 61 13 13-0177	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	310.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.10*	
33 61 13 13-0178	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	352.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.48*	
33 61 13 13-0179	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	426.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 13-0180	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	532.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.85*	
33 61 13 13-0181	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	614.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.60*	
33 61 13 13-0182	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	713.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.53*	
33 61 13 13-0183	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	834.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.40*	
33 61 13 13-0184	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	912.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.54*	
33 61 13 13-0185	EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,270.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.78*	
33 61 13 13-0186	EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,719.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.62*	
33 61 13 13-0187	EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,170.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.32*	

33 61 13 13-0188 Reducers *(33 61 13 13-0173)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0189	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	272.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.79*	
33 61 13 13-0190	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	283.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.88*	
33 61 13 13-0191	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	326.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.41*	
33 61 13 13-0192	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	369.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0193	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	444.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.01*	
33 61 13 13-0194	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	551.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.21*	
33 61 13 13-0195	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	635.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.02*	
33 61 13 13-0196	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	738.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.02*	
33 61 13 13-0197	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	866.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.02*	
33 61 13 13-0198	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	947.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.25*	
33 61 13 13-0199	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,322.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.82*	
33 61 13 13-0200	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,785.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.94*	
33 61 13 13-0201	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,258.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.07*	

33 61 13 13-0202 Reducers *(33 61 13 13-0173)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0203	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	285.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 13-0204	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	296.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.15*	
33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	341.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.72*	
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	386.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.15*	
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	461.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	569.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.58*	
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	656.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.44*	
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	762.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.51*	
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	897.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.65*	
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	983.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.97*	
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,373.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.85*	
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,851.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.26*	
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,345.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.82*	

33 61 13 13-0216 Reducers *(33 61 13 13-0173)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	298.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.32*	
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	310.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.42*	
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	357.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.03*	
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	403.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.48*	
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	479.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	587.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.94*	
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	677.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.86*	
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	787.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.00*	
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	928.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.28*	
33 61 13 13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,019.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.68*	
33 61 13 13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,425.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.89*	
33 61 13 13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,917.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.58*	
33 61 13 13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,433.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.57*	

33 61 13 13-0230 Preinsulated Type K Copper Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0231 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0232	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	35.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.32*	
33 61 13 13-0233	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	38.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.36*	
33 61 13 13-0234	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	42.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.40*	
33 61 13 13-0235	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.43*	
33 61 13 13-0236	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	47.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 13-0237	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 13-0238	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 13-0239	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	81.17	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
33 61 13 13-0240	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	101.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.85*	
33 61 13 13-0241	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	118.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.99*	
33 61 13 13-0242	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	154.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.44*	
33 61 13 13-0243	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	193.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.90*	
33 61 13 13-0244	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	239.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.37*	

33 61 13 13-0245 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0246	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	37.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.36*	
33 61 13 13-0247	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	40.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.39*	
33 61 13 13-0248	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	44.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.44*	
33 61 13 13-0249	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	47.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 13-0250	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0251	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 13-0252	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 13-0253	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	84.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 13-0254	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	105.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.94*	
33 61 13 13-0255	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	123.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.09*	
33 61 13 13-0256	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	162.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.58*	
33 61 13 13-0257	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	203.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.09*	
33 61 13 13-0258	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	251.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.60*	

33 61 13 13-0259 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0260	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	38.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.37*	
33 61 13 13-0261	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	41.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.41*	
33 61 13 13-0262	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.46*	
33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.56*	
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.61*	
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	86.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.76*	
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	107.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.98*	
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	125.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.14*	
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	165.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.65*	
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	207.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.18*	
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	257.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.72*	

33 61 13 13-0273 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	39.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.40*	
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	42.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.44*	
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	46.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.53*	
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.55*	
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.60*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.65*	
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	88.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	110.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.04*	
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	129.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.21*	
33 61 13 13-0284	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	171.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.76*	
33 61 13 13-0285	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	215.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.32*	
33 61 13 13-0286	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	266.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.90*	

33 61 13 13-0287 Preinsulated Copper Fittings *(33 61 13 13)*

33 61 13 13-0288 Elbows *(33 61 13 13-0287)*

33 61 13 13-0289 Elbows *(33 61 13 13-0288)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0290	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	264.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.69*	
33 61 13 13-0291	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	275.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.77*	
33 61 13 13-0292	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	316.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.29*	
33 61 13 13-0293	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	358.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.68*	
33 61 13 13-0294	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	431.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.88*	
33 61 13 13-0295	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	527.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.08*	
33 61 13 13-0296	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	613.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.86*	
33 61 13 13-0297	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	715.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.83*	
33 61 13 13-0298	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	839.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.78*	
33 61 13 13-0299	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	919.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.98*	
33 61 13 13-0300	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,282.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.42*	
33 61 13 13-0301	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,731.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.44*	
33 61 13 13-0302	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,192.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.40*	

33 61 13 13-0303 Elbows *(33 61 13 13-0288)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0304	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	278.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.96*	
33 61 13 13-0305	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	289.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.06*	
33 61 13 13-0306	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.62*	
33 61 13 13-0307	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	376.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.04*	
33 61 13 13-0308	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	449.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.25*	
33 61 13 13-0309	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	546.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0310	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	635.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.30*	
33 61 13 13-0311	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	741.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.34*	
33 61 13 13-0312	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	872.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.44*	
33 61 13 13-0313	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	956.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.72*	
33 61 13 13-0314	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,336.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.50*	
33 61 13 13-0315	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,800.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.82*	
33 61 13 13-0316	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,283.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.23*	

33 61 13 13-0317 Elbows *(33 61 13 13-0288)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0318	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	292.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.24*	
33 61 13 13-0319	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	303.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.34*	
33 61 13 13-0320	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	349.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.94*	
33 61 13 13-0321	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	394.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.39*	
33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	467.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.61*	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	565.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.84*	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	657.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.73*	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	767.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.86*	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	905.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.10*	
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	994.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.47*	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,390.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.59*	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,869.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.20*	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,375.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.06*	

33 61 13 13-0331 Elbows *(33 61 13 13-0288)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	306.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.52*	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.62*	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	365.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.26*	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	411.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.74*	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	486.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.98*	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	584.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.22*	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	679.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	792.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.37*	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	938.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.76*	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,031.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.22*	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,444.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.67*	
33 61 13 13-0343	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,938.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.58*	
33 61 13 13-0344	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,467.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.89*	

33 61 13 13-0345 Tees *(33 61 13 13-0287)*

33 61 13 13-0346 Tees *(33 61 13 13-0345)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0347	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	393.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.48*	
33 61 13 13-0348	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	409.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.60*	
33 61 13 13-0349	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	471.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.38*	
33 61 13 13-0350	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	534.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.96*	
33 61 13 13-0351	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	642.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.25*	
33 61 13 13-0352	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	786.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.54*	
33 61 13 13-0353	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	915.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.70*	
33 61 13 13-0354	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,068.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.15*	
33 61 13 13-0355	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,255.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.04*	
33 61 13 13-0356	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,372.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.82*	
33 61 13 13-0357	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,911.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.42*	
33 61 13 13-0358	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,584.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.38*	
33 61 13 13-0359	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,270.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.23*	

33 61 13 13-0360 Tees *(33 61 13 13-0345)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0361	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	414.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.89*	
33 61 13 13-0362	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	430.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.02*	
33 61 13 13-0363	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	495.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.86*	
33 61 13 13-0364	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	560.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.48*	
33 61 13 13-0365	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	669.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.79*	
33 61 13 13-0366	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	815.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.10*	
33 61 13 13-0367	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	948.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0368	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,106.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.91*	
33 61 13 13-0369	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,304.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.02*	
33 61 13 13-0370	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,427.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.93*	
33 61 13 13-0371	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,992.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.02*	
33 61 13 13-0372	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,687.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*29.43*	
33 61 13 13-0373	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,406.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.95*	

33 61 13 13-0374 Tees *(33 61 13 13-0345)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0375	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	435.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.30*	
33 61 13 13-0376	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	451.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.44*	
33 61 13 13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	519.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.33*	
33 61 13 13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	587.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.00*	
33 61 13 13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	697.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.33*	
33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	843.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.67*	
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	980.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.00*	
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,144.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.67*	
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,353.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.00*	
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,483.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.04*	
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,071.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.63*	
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,788.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.48*	
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,544.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*41.67*	

33 61 13 13-0388 Tees *(33 61 13 13-0345)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	455.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.71*	
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	472.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.86*	
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	543.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.81*	
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	613.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.52*	
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	724.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.88*	
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	871.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.23*	
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,013.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.65*	
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,182.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,401.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.98*	
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,539.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.15*	
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,152.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.24*	
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,891.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.54*	
33 61 13 13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,679.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*44.39*	

33 61 13 13-0402 Reducers *(33 61 13 13-0287)*

33 61 13 13-0403 Reducers *(33 61 13 13-0402)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	225.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.06*	
33 61 13 13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	234.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.13*	
33 61 13 13-0406	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	270.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.56*	
33 61 13 13-0407	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	306.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.89*	
33 61 13 13-0408	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	370.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 13-0409	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	463.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.21*	
33 61 13 13-0410	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	534.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.86*	
33 61 13 13-0411	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	620.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.67*	
33 61 13 13-0412	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	725.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.29*	
33 61 13 13-0413	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	792.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.28*	
33 61 13 13-0414	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,103.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.97*	
33 61 13 13-0415	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,494.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.30*	
33 61 13 13-0416	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,886.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.25*	

33 61 13 13-0417 Reducers *(33 61 13 13-0402)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0418	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	236.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.29*	
33 61 13 13-0419	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	246.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.37*	
33 61 13 13-0420	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	283.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.83*	
33 61 13 13-0421	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	321.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.18*	
33 61 13 13-0422	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	386.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.35*	
33 61 13 13-0423	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	478.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.53*	
33 61 13 13-0424	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	552.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.22*	
33 61 13 13-0425	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	641.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0426	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	752.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.84*	
33 61 13 13-0427	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	823.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.90*	
33 61 13 13-0428	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,148.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.87*	
33 61 13 13-0429	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,551.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.45*	
33 61 13 13-0430	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,962.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.77*	

33 61 13 13-0431 Reducers *(33 61 13 13-0402)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0432	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	248.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.52*	
33 61 13 13-0433	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	257.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.60*	
33 61 13 13-0434	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	296.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.10*	
33 61 13 13-0435	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	335.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.47*	
33 61 13 13-0436	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	401.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 13-0437	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	494.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.84*	
33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	570.56	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.59*	
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	662.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.52*	
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	779.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.38*	
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	854.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.52*	
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,193.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.77*	
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,608.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.60*	
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,038.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.29*	

33 61 13 13-0445 Reducers *(33 61 13 13-0402)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	259.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.75*	
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	269.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.84*	
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	310.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.37*	
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	350.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.76*	
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	416.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.96*	
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	510.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.16*	
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	588.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.95*	
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	683.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.95*	
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	807.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	885.98	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.14*	
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,238.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.66*	
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,666.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.74*	
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,114.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.81*	

33 61 13 13-0459 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0460 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	100.35
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	146.27
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	193.33
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	242.76
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	300.92

33 61 13 13-0466 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	105.49
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	153.91
33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	204.44
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	257.42
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	319.20
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	347.87
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	388.91
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	434.23
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	475.51
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	556.63

33 61 13 13-0477 Preinsulated Ductile Iron Fittings *(33 61 13 13)*

33 61 13 13-0478 Elbows *(33 61 13 13-0477)*

33 61 13 13-0479 Elbows *(33 61 13 13-0478)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	885.34
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,147.96
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,606.01
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,158.97
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,742.93

33 61 13 13-0485 Elbows *(33 61 13 13-0478)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	948.82
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,240.65
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,740.02
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,330.26
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,969.63
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,600.81
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,232.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,275.96	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,710.51	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,787.46	

33 61 13 13-0496 Tees *(33 61 13 13-0477)*

33 61 13 13-0497 Tees *(33 61 13 13-0496)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,321.18	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,712.63	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,393.43	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,221.69	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,090.01	

33 61 13 13-0503 Tees *(33 61 13 13-0496)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,415.45	
33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,850.28	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,592.43	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,476.05	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,426.66	
33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,237.14	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,158.26	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,677.19	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	9,771.28	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	12,795.59	

33 61 13 13-0514 Reducers *(33 61 13 13-0477)*

33 61 13 13-0515 Reducers *(33 61 13 13-0514)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	764.78	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	986.81	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,378.34	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,857.54	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,353.20	

33 61 13 13-0521 Reducers *(33 61 13 13-0514)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	817.46	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,063.75	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,489.56	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,999.70	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,541.36	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,003.48	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,526.48	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,362.18	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,595.32	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,348.62	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0532		Tempered Water Piping Pre-Insulated *(33 61 13 13)*		
33 61 13 13-0533		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0534	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	49.48	17.84
33 61 13 13-0535	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	60.20	20.14
33 61 13 13-0536	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	78.45	21.68
33 61 13 13-0537	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	103.87	27.10
33 61 13 13-0538	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	132.10	33.43
33 61 13 13-0539		Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0540	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	36.85	20.14
33 61 13 13-0541	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	38.99	20.14
33 61 13 13-0542	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	40.99	20.14
33 61 13 13-0543	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	49.25	23.80
33 61 13 13-0544	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	60.42	30.21
33 61 13 13-0545		Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation *(33 61 13 13-0532)*		
33 61 13 13-0546	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	36.85	20.14
33 61 13 13-0547	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	38.99	20.14
33 61 13 13-0548	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	40.99	20.14
33 61 13 13-0549	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	49.25	23.80
33 61 13 13-0550	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	60.42	30.21

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission And Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 00-0001		Electrical Handholes And Pull Boxes *(33 71 19)*		
33 71 19 00-0002		Electrical Pull Boxes *(33 71 19 00-0001)*		
		See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 00-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,230.75	
33 71 19 00-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,446.75	
33 71 19 00-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	1,650.88	
33 71 19 00-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	2,435.96	
33 71 19 00-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	2,568.84	
33 71 19 00-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,747.80	
33 71 19 00-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	3,151.04	
33 71 19 00-0010		Electrical Pull Boxes (CALTRANS) *(33 71 19 00-0001)*		
33 71 19 00-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	90.84	
33 71 19 00-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	31.21	
33 71 19 00-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	50.31	
33 71 19 00-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	95.13	
33 71 19 00-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	141.61	
		For Galvanized Steel Cover, Add	*22.50*	
33 71 19 00-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	43.16	
33 71 19 00-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	43.16	
33 71 19 00-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	131.74	
33 71 19 00-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	40.01	
33 71 19 00-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	59.11	
33 71 19 00-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	184.51	
		For Galvanized Steel Cover, Add	*41.25*	
33 71 19 00-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	56.91	
33 71 19 00-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	53.89	
33 71 19 00-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	140.54	
33 71 19 00-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	51.83	
33 71 19 00-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	70.93	
33 71 19 00-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	249.41	
		For Galvanized Steel Cover, Add	*57.75*	
33 71 19 00-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	65.71	
33 71 19 00-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	62.41	
33 71 19 00-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	82.21	
33 71 19 00-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	171.42	
33 71 19 00-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	219.71	
33 71 19 00-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	76.71	
33 71 19 00-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	71.21	
33 71 19 00-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	228.54	
33 71 19 00-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	313.21	
33 71 19 00-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	89.91	
33 71 19 00-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	87.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 00-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	308.84	
33 71 19 00-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	434.21	
33 71 19 00-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	144.91	
33 71 19 00-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	115.21	
33 71 19 00-0043		**Electrical Property Line Boxes** *(33 71 19)*		
33 71 19 00-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	2,082.26	311.38
33 71 19 00-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	2,403.42	322.91
33 71 19 00-0046	EA	6' x 4' x 5' Deep Property Line Box	2,675.44	392.10
33 71 19 00-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	4,072.31	576.62
33 71 19 00-0048		**Underground Electrical Concrete Markers** *(33 71 19)*		
33 71 19 00-0049	EA	36" x 6" x 6", Underground Electric Concrete Marker	264.61	
33 71 19 00-0050		**Manhole Accessories** *(33 71 19)*		
33 71 19 00-0051	EA	6" Precast Grade Ring Riser Casting	329.17	
33 71 19 00-0052	EA	12" Precast Grade Ring Riser Casting	356.51	
33 71 19 00-0053	EA	36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D	1,234.49	
33 71 19 00-0054	EA	42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1	1,604.47	
33 71 19 00-0055	EA	Cast Iron Adjusting Ring NEENAH #R-1979	550.06	
33 71 19 00-0056	EA	Cast Iron Frame And Cover NEENAH #R-1640-B	687.81	

END OF SECTION 33

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	444.56	165.10
		For Class 52 Rating, Deduct	*-21.38*	
		For Class 54 Rating, Add	*14.58*	
		For Class 55 Rating, Add	*32.41*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	469.73	167.99
		For Class 52 Rating, Deduct	*-23.67*	
		For Class 54 Rating, Add	*16.14*	
		For Class 55 Rating, Add	*35.87*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	494.90	170.87
		For Class 52 Rating, Deduct	*-25.96*	
		For Class 54 Rating, Add	*17.70*	
		For Class 55 Rating, Add	*39.34*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	520.08	173.76
		For Class 52 Rating, Deduct	*-28.25*	
		For Class 54 Rating, Add	*19.26*	
		For Class 55 Rating, Add	*42.81*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	545.25	176.65
		For Class 52 Rating, Deduct	*-30.54*	
		For Class 54 Rating, Add	*20.82*	
		For Class 55 Rating, Add	*46.28*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	570.42	179.53
		For Class 52 Rating, Deduct	*-32.82*	
		For Class 54 Rating, Add	*22.38*	
		For Class 55 Rating, Add	*49.74*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	595.59	182.42
		For Class 52 Rating, Deduct	*-35.11*	
		For Class 54 Rating, Add	*23.94*	
		For Class 55 Rating, Add	*53.21*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	620.77	185.30
		For Class 52 Rating, Deduct	*-37.40*	
		For Class 54 Rating, Add	*25.50*	
		For Class 55 Rating, Add	*56.68*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	645.94	188.19
		For Class 52 Rating, Deduct	*-39.69*	
		For Class 54 Rating, Add	*27.06*	
		For Class 55 Rating, Add	*60.15*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	671.11	191.08
		For Class 52 Rating, Deduct	*-41.98*	
		For Class 54 Rating, Add	*28.62*	
		For Class 55 Rating, Add	*63.61*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	696.28	193.97
		For Class 52 Rating, Deduct	*-44.26*	
		For Class 54 Rating, Add	*30.18*	
		For Class 55 Rating, Add	*67.08*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	721.46	196.86
		For Class 52 Rating, Deduct	*-46.55*	
		For Class 54 Rating, Add	*31.74*	
		For Class 55 Rating, Add	*70.55*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	746.64	199.74
		For Class 52 Rating, Deduct	*-48.84*	
		For Class 54 Rating, Add	*33.30*	
		For Class 55 Rating, Add	*74.01*	
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	771.81	202.63
		For Class 52 Rating, Deduct	*-51.13*	
		For Class 54 Rating, Add	*34.86*	
		For Class 55 Rating, Add	*77.48*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	796.98	205.51
		For Class 52 Rating, Deduct	*-53.42*	
		For Class 54 Rating, Add	*36.42*	
		For Class 55 Rating, Add	*80.95*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	822.16	208.40
		For Class 52 Rating, Deduct	*-55.70*	
		For Class 54 Rating, Add	*37.98*	
		For Class 55 Rating, Add	*84.42*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	847.33	211.28
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	872.50	214.17
		For Class 52 Rating, Deduct	*-60.28*	
		For Class 54 Rating, Add	*41.10*	
		For Class 55 Rating, Add	*91.35*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	897.67	217.06
		For Class 52 Rating, Deduct	*-62.57*	
		For Class 54 Rating, Add	*42.66*	
		For Class 55 Rating, Add	*94.82*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	922.85	219.94
		For Class 52 Rating, Deduct	*-64.86*	
		For Class 54 Rating, Add	*44.22*	
		For Class 55 Rating, Add	*98.29*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	948.02	222.83
		For Class 52 Rating, Deduct	*-67.14*	
		For Class 54 Rating, Add	*45.78*	
		For Class 55 Rating, Add	*101.75*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	973.19	225.71
		For Class 52 Rating, Deduct	*-69.43*	
		For Class 54 Rating, Add	*47.34*	
		For Class 55 Rating, Add	*105.22*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	998.37	228.60
		For Class 52 Rating, Deduct	*-71.72*	
		For Class 54 Rating, Add	*48.90*	
		For Class 55 Rating, Add	*108.69*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,023.54	231.48
		For Class 52 Rating, Deduct	*-74.01*	
		For Class 54 Rating, Add	*50.46*	
		For Class 55 Rating, Add	*112.16*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,048.71	234.38
		For Class 52 Rating, Deduct	*-76.30*	
		For Class 54 Rating, Add	*52.02*	
		For Class 55 Rating, Add	*115.62*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,073.89	237.27
		For Class 52 Rating, Deduct	*-78.58*	
		For Class 54 Rating, Add	*53.58*	
		For Class 55 Rating, Add	*119.09*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,099.07	240.15
		For Class 52 Rating, Deduct	*-80.87*	
		For Class 54 Rating, Add	*55.14*	
		For Class 55 Rating, Add	*122.56*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,124.24	243.04
		For Class 52 Rating, Deduct	*-83.16*	
		For Class 54 Rating, Add	*56.70*	
		For Class 55 Rating, Add	*126.03*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,149.41	245.92
		For Class 52 Rating, Deduct	*-85.45*	
		For Class 54 Rating, Add	*58.26*	
		For Class 55 Rating, Add	*129.49*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,174.58	248.81
		For Class 52 Rating, Deduct	*-87.74*	
		For Class 54 Rating, Add	*59.82*	
		For Class 55 Rating, Add	*132.96*	
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,199.76	251.69
		For Class 52 Rating, Deduct	*-90.02*	
		For Class 54 Rating, Add	*61.38*	
		For Class 55 Rating, Add	*136.43*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,224.93	254.58
		For Class 52 Rating, Deduct	*-92.31*	
		For Class 54 Rating, Add	*62.94*	
		For Class 55 Rating, Add	*139.89*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,250.10	257.47
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,275.27	260.35
		For Class 52 Rating, Deduct	*-96.89*	
		For Class 54 Rating, Add	*66.06*	
		For Class 55 Rating, Add	*146.83*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,300.45	263.24
		For Class 52 Rating, Deduct	*-99.18*	
		For Class 54 Rating, Add	*67.62*	
		For Class 55 Rating, Add	*150.30*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,325.62	266.12
		For Class 52 Rating, Deduct	*-101.46*	
		For Class 54 Rating, Add	*69.18*	
		For Class 55 Rating, Add	*153.76*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,350.79	269.01
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,375.96	271.89
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,401.14	274.79
		For Class 52 Rating, Deduct	*-108.33*	
		For Class 54 Rating, Add	*73.86*	
		For Class 55 Rating, Add	*164.17*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0043		6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*			
40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		562.08	207.82
		For Class 52 Rating, Deduct		*-27.19*	
		For Class 54 Rating, Add		*18.54*	
		For Class 55 Rating, Add		*41.21*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		592.05	210.71
		For Class 52 Rating, Deduct		*-30.01*	
		For Class 54 Rating, Add		*20.46*	
		For Class 55 Rating, Add		*45.48*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		622.03	213.59
		For Class 52 Rating, Deduct		*-32.82*	
		For Class 54 Rating, Add		*22.38*	
		For Class 55 Rating, Add		*49.74*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		652.00	216.48
		For Class 52 Rating, Deduct		*-35.64*	
		For Class 54 Rating, Add		*24.30*	
		For Class 55 Rating, Add		*54.01*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		681.98	219.36
		For Class 52 Rating, Deduct		*-38.46*	
		For Class 54 Rating, Add		*26.22*	
		For Class 55 Rating, Add		*58.28*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		711.95	222.25
		For Class 52 Rating, Deduct		*-41.27*	
		For Class 54 Rating, Add		*28.14*	
		For Class 55 Rating, Add		*62.55*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		741.92	225.14
		For Class 52 Rating, Deduct		*-44.09*	
		For Class 54 Rating, Add		*30.06*	
		For Class 55 Rating, Add		*66.81*	
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		771.89	228.03
		For Class 52 Rating, Deduct		*-46.90*	
		For Class 54 Rating, Add		*31.98*	
		For Class 55 Rating, Add		*71.08*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		801.87	230.92
		For Class 52 Rating, Deduct		*-49.72*	
		For Class 54 Rating, Add		*33.90*	
		For Class 55 Rating, Add		*75.35*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		831.84	233.80
		For Class 52 Rating, Deduct		*-52.54*	
		For Class 54 Rating, Add		*35.82*	
		For Class 55 Rating, Add		*79.62*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		861.81	236.69
		For Class 52 Rating, Deduct		*-55.35*	
		For Class 54 Rating, Add		*37.74*	
		For Class 55 Rating, Add		*83.88*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		891.79	239.57
		For Class 52 Rating, Deduct		*-58.17*	
		For Class 54 Rating, Add		*39.66*	
		For Class 55 Rating, Add		*88.15*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		921.76	242.46
		For Class 52 Rating, Deduct		*-60.98*	
		For Class 54 Rating, Add		*41.58*	
		For Class 55 Rating, Add		*92.42*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		951.73	245.34
		For Class 52 Rating, Deduct		*-63.80*	
		For Class 54 Rating, Add		*43.50*	
		For Class 55 Rating, Add		*96.69*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		981.70	248.23
		For Class 52 Rating, Deduct		*-66.62*	
		For Class 54 Rating, Add		*45.42*	
		For Class 55 Rating, Add		*100.95*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,011.68	251.12
		For Class 52 Rating, Deduct		*-69.43*	
		For Class 54 Rating, Add		*47.34*	
		For Class 55 Rating, Add		*105.22*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,041.66	254.00
		For Class 52 Rating, Deduct		*-72.25*	
		For Class 54 Rating, Add		*49.26*	
		For Class 55 Rating, Add		*109.49*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,071.63	256.89
		For Class 52 Rating, Deduct		*-75.06*	
		For Class 54 Rating, Add		*51.18*	
		For Class 55 Rating, Add		*113.76*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,101.60	259.77
		For Class 52 Rating, Deduct		*-77.88*	
		For Class 54 Rating, Add		*53.10*	
		For Class 55 Rating, Add		*118.02*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,131.58	262.66
		For Class 52 Rating, Deduct		*-80.70*	
		For Class 54 Rating, Add		*55.02*	
		For Class 55 Rating, Add		*122.29*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,161.55	265.55
		For Class 52 Rating, Deduct		*-83.51*	
		For Class 54 Rating, Add		*56.94*	
		For Class 55 Rating, Add		*126.56*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,191.52	268.44
		For Class 52 Rating, Deduct		*-86.33*	
		For Class 54 Rating, Add		*58.86*	
		For Class 55 Rating, Add		*130.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,221.49	271.33
		For Class 52 Rating, Deduct	*-89.14*	
		For Class 54 Rating, Add	*60.78*	
		For Class 55 Rating, Add	*135.09*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,251.47	274.21
		For Class 52 Rating, Deduct	*-91.96*	
		For Class 54 Rating, Add	*62.70*	
		For Class 55 Rating, Add	*139.36*	
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,281.44	277.10
		For Class 52 Rating, Deduct	*-94.78*	
		For Class 54 Rating, Add	*64.62*	
		For Class 55 Rating, Add	*143.63*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,311.41	279.98
		For Class 52 Rating, Deduct	*-97.59*	
		For Class 54 Rating, Add	*66.54*	
		For Class 55 Rating, Add	*147.90*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,341.38	282.87
		For Class 52 Rating, Deduct	*-100.41*	
		For Class 54 Rating, Add	*68.46*	
		For Class 55 Rating, Add	*152.16*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,371.36	285.75
		For Class 52 Rating, Deduct	*-103.22*	
		For Class 54 Rating, Add	*70.38*	
		For Class 55 Rating, Add	*156.43*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,401.33	288.64
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,431.31	291.52
		For Class 52 Rating, Deduct	*-108.86*	
		For Class 54 Rating, Add	*74.22*	
		For Class 55 Rating, Add	*164.97*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,461.28	294.41
		For Class 52 Rating, Deduct	*-111.67*	
		For Class 54 Rating, Add	*76.14*	
		For Class 55 Rating, Add	*169.23*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,491.26	297.30
		For Class 52 Rating, Deduct	*-114.49*	
		For Class 54 Rating, Add	*78.06*	
		For Class 55 Rating, Add	*173.50*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,521.23	300.18
		For Class 52 Rating, Deduct	*-117.30*	
		For Class 54 Rating, Add	*79.98*	
		For Class 55 Rating, Add	*177.77*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.20	303.07
		For Class 52 Rating, Deduct	*-120.12*	
		For Class 54 Rating, Add	*81.90*	
		For Class 55 Rating, Add	*182.04*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,581.17	305.96
		For Class 52 Rating, Deduct	*-122.94*	
		For Class 54 Rating, Add	*83.82*	
		For Class 55 Rating, Add	*186.30*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,611.15	308.85
		For Class 52 Rating, Deduct	*-125.75*	
		For Class 54 Rating, Add	*85.74*	
		For Class 55 Rating, Add	*190.57*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,641.12	311.73
		For Class 52 Rating, Deduct	*-128.57*	
		For Class 54 Rating, Add	*87.66*	
		For Class 55 Rating, Add	*194.84*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,671.09	314.62
		For Class 52 Rating, Deduct	*-131.38*	
		For Class 54 Rating, Add	*89.58*	
		For Class 55 Rating, Add	*199.11*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,701.07	317.51
		For Class 52 Rating, Deduct	*-134.20*	
		For Class 54 Rating, Add	*91.50*	
		For Class 55 Rating, Add	*203.37*	

40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	766.35	265.55
		For Class 52 Rating, Deduct	*-40.04*	
		For Class 54 Rating, Add	*27.30*	
		For Class 55 Rating, Add	*60.68*	
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	805.92	268.44
		For Class 52 Rating, Deduct	*-43.91*	
		For Class 54 Rating, Add	*29.94*	
		For Class 55 Rating, Add	*66.55*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	845.49	271.33
		For Class 52 Rating, Deduct	*-47.78*	
		For Class 54 Rating, Add	*32.58*	
		For Class 55 Rating, Add	*72.41*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	885.07	274.21
		For Class 52 Rating, Deduct	*-51.66*	
		For Class 54 Rating, Add	*35.22*	
		For Class 55 Rating, Add	*78.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	924.64	277.10
		For Class 52 Rating, Deduct	*-55.53*	
		For Class 54 Rating, Add	*37.86*	
		For Class 55 Rating, Add	*84.15*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	964.21	279.98
		For Class 52 Rating, Deduct	*-59.40*	
		For Class 54 Rating, Add	*40.50*	
		For Class 55 Rating, Add	*90.02*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,003.78	282.87
		For Class 52 Rating, Deduct	*-63.27*	
		For Class 54 Rating, Add	*43.14*	
		For Class 55 Rating, Add	*95.89*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,043.36	285.75
		For Class 52 Rating, Deduct	*-67.14*	
		For Class 54 Rating, Add	*45.78*	
		For Class 55 Rating, Add	*101.75*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,082.93	288.64
		For Class 52 Rating, Deduct	*-71.02*	
		For Class 54 Rating, Add	*48.42*	
		For Class 55 Rating, Add	*107.62*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,122.51	291.52
		For Class 52 Rating, Deduct	*-74.89*	
		For Class 54 Rating, Add	*51.06*	
		For Class 55 Rating, Add	*113.49*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,162.08	294.41
		For Class 52 Rating, Deduct	*-78.76*	
		For Class 54 Rating, Add	*53.70*	
		For Class 55 Rating, Add	*119.36*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,201.66	297.30
		For Class 52 Rating, Deduct	*-82.63*	
		For Class 54 Rating, Add	*56.34*	
		For Class 55 Rating, Add	*125.23*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,241.23	300.18
		For Class 52 Rating, Deduct	*-86.50*	
		For Class 54 Rating, Add	*58.98*	
		For Class 55 Rating, Add	*131.09*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,280.80	303.07
		For Class 52 Rating, Deduct	*-90.38*	
		For Class 54 Rating, Add	*61.62*	
		For Class 55 Rating, Add	*136.96*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,320.37	305.96
		For Class 52 Rating, Deduct	*-94.25*	
		For Class 54 Rating, Add	*64.26*	
		For Class 55 Rating, Add	*142.83*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,359.95	308.85
		For Class 52 Rating, Deduct	*-98.12*	
		For Class 54 Rating, Add	*66.90*	
		For Class 55 Rating, Add	*148.70*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,399.52	311.73
		For Class 52 Rating, Deduct	*-101.99*	
		For Class 54 Rating, Add	*69.54*	
		For Class 55 Rating, Add	*154.56*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,439.09	314.62
		For Class 52 Rating, Deduct	*-105.86*	
		For Class 54 Rating, Add	*72.18*	
		For Class 55 Rating, Add	*160.43*	
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,478.67	317.51
		For Class 52 Rating, Deduct	*-109.74*	
		For Class 54 Rating, Add	*74.82*	
		For Class 55 Rating, Add	*166.30*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,518.24	320.39
		For Class 52 Rating, Deduct	*-113.61*	
		For Class 54 Rating, Add	*77.46*	
		For Class 55 Rating, Add	*172.17*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,557.81	323.28
		For Class 52 Rating, Deduct	*-117.48*	
		For Class 54 Rating, Add	*80.10*	
		For Class 55 Rating, Add	*178.04*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,597.38	326.16
		For Class 52 Rating, Deduct	*-121.35*	
		For Class 54 Rating, Add	*82.74*	
		For Class 55 Rating, Add	*183.90*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,636.96	329.05
		For Class 52 Rating, Deduct	*-125.22*	
		For Class 54 Rating, Add	*85.38*	
		For Class 55 Rating, Add	*189.77*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,676.54	331.93
		For Class 52 Rating, Deduct	*-129.10*	
		For Class 54 Rating, Add	*88.02*	
		For Class 55 Rating, Add	*195.64*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,716.11	334.82
		For Class 52 Rating, Deduct	*-132.97*	
		For Class 54 Rating, Add	*90.66*	
		For Class 55 Rating, Add	*201.51*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,755.68	337.71
		For Class 52 Rating, Deduct	*-136.84*	
		For Class 54 Rating, Add	*93.30*	
		For Class 55 Rating, Add	*207.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,795.26	340.59
		For Class 52 Rating, Deduct	*-140.71*	
		For Class 54 Rating, Add	*95.94*	
		For Class 55 Rating, Add	*213.24*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,834.83	343.48
		For Class 52 Rating, Deduct	*-144.58*	
		For Class 54 Rating, Add	*98.58*	
		For Class 55 Rating, Add	*219.11*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,874.40	346.37
		For Class 52 Rating, Deduct	*-148.46*	
		For Class 54 Rating, Add	*101.22*	
		For Class 55 Rating, Add	*224.98*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,913.97	349.26
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,953.55	352.14
		For Class 52 Rating, Deduct	*-156.20*	
		For Class 54 Rating, Add	*106.50*	
		For Class 55 Rating, Add	*236.71*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,993.12	355.03
		For Class 52 Rating, Deduct	*-160.07*	
		For Class 54 Rating, Add	*109.14*	
		For Class 55 Rating, Add	*242.58*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,032.69	357.92
		For Class 52 Rating, Deduct	*-163.94*	
		For Class 54 Rating, Add	*111.78*	
		For Class 55 Rating, Add	*248.45*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,072.26	360.80
		For Class 52 Rating, Deduct	*-167.82*	
		For Class 54 Rating, Add	*114.42*	
		For Class 55 Rating, Add	*254.32*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,111.84	363.69
		For Class 52 Rating, Deduct	*-171.69*	
		For Class 54 Rating, Add	*117.06*	
		For Class 55 Rating, Add	*260.19*	
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,151.41	366.57
		For Class 52 Rating, Deduct	*-175.56*	
		For Class 54 Rating, Add	*119.70*	
		For Class 55 Rating, Add	*266.05*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,190.99	369.46
		For Class 52 Rating, Deduct	*-179.43*	
		For Class 54 Rating, Add	*122.34*	
		For Class 55 Rating, Add	*271.92*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,230.56	372.34
		For Class 52 Rating, Deduct	*-183.30*	
		For Class 54 Rating, Add	*124.98*	
		For Class 55 Rating, Add	*277.79*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,270.14	375.23
		For Class 52 Rating, Deduct	*-187.18*	
		For Class 54 Rating, Add	*127.62*	
		For Class 55 Rating, Add	*283.66*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	957.01	323.28
		For Class 52 Rating, Deduct	*-51.39*	
		For Class 54 Rating, Add	*35.04*	
		For Class 55 Rating, Add	*77.88*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,007.78	326.16
		For Class 52 Rating, Deduct	*-56.50*	
		For Class 54 Rating, Add	*38.52*	
		For Class 55 Rating, Add	*85.62*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,058.56	329.05
		For Class 52 Rating, Deduct	*-61.60*	
		For Class 54 Rating, Add	*42.00*	
		For Class 55 Rating, Add	*93.35*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,109.34	331.93
		For Class 52 Rating, Deduct	*-66.70*	
		For Class 54 Rating, Add	*45.48*	
		For Class 55 Rating, Add	*101.09*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,160.11	334.82
		For Class 52 Rating, Deduct	*-71.81*	
		For Class 54 Rating, Add	*48.96*	
		For Class 55 Rating, Add	*108.82*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,210.88	337.71
		For Class 52 Rating, Deduct	*-76.91*	
		For Class 54 Rating, Add	*52.44*	
		For Class 55 Rating, Add	*116.56*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,261.66	340.59
		For Class 52 Rating, Deduct	*-82.02*	
		For Class 54 Rating, Add	*55.92*	
		For Class 55 Rating, Add	*124.29*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,312.43	343.48
		For Class 52 Rating, Deduct	*-87.12*	
		For Class 54 Rating, Add	*59.40*	
		For Class 55 Rating, Add	*132.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,363.20	346.37
		For Class 52 Rating, Deduct	*-92.22*	
		For Class 54 Rating, Add	*62.88*	
		For Class 55 Rating, Add	*139.76*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,413.97	349.26
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,464.75	352.14
		For Class 52 Rating, Deduct	*-102.43*	
		For Class 54 Rating, Add	*69.84*	
		For Class 55 Rating, Add	*155.23*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,515.52	355.03
		For Class 52 Rating, Deduct	*-107.54*	
		For Class 54 Rating, Add	*73.32*	
		For Class 55 Rating, Add	*162.97*	
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,566.29	357.92
		For Class 52 Rating, Deduct	*-112.64*	
		For Class 54 Rating, Add	*76.80*	
		For Class 55 Rating, Add	*170.70*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,617.06	360.80
		For Class 52 Rating, Deduct	*-117.74*	
		For Class 54 Rating, Add	*80.28*	
		For Class 55 Rating, Add	*178.44*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,667.84	363.69
		For Class 52 Rating, Deduct	*-122.85*	
		For Class 54 Rating, Add	*83.76*	
		For Class 55 Rating, Add	*186.17*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,718.61	366.57
		For Class 52 Rating, Deduct	*-127.95*	
		For Class 54 Rating, Add	*87.24*	
		For Class 55 Rating, Add	*193.91*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,769.39	369.46
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*90.72*	
		For Class 55 Rating, Add	*201.64*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,820.16	372.34
		For Class 52 Rating, Deduct	*-138.16*	
		For Class 54 Rating, Add	*94.20*	
		For Class 55 Rating, Add	*209.38*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,870.94	375.23
		For Class 52 Rating, Deduct	*-143.26*	
		For Class 54 Rating, Add	*97.68*	
		For Class 55 Rating, Add	*217.11*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,921.71	378.12
		For Class 52 Rating, Deduct	*-148.37*	
		For Class 54 Rating, Add	*101.16*	
		For Class 55 Rating, Add	*224.84*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,972.48	381.00
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*104.64*	
		For Class 55 Rating, Add	*232.58*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,023.25	383.89
		For Class 52 Rating, Deduct	*-158.58*	
		For Class 54 Rating, Add	*108.12*	
		For Class 55 Rating, Add	*240.31*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,074.03	386.78
		For Class 52 Rating, Deduct	*-163.68*	
		For Class 54 Rating, Add	*111.60*	
		For Class 55 Rating, Add	*248.05*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,124.80	389.67
		For Class 52 Rating, Deduct	*-168.78*	
		For Class 54 Rating, Add	*115.08*	
		For Class 55 Rating, Add	*255.78*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,175.57	392.55
		For Class 52 Rating, Deduct	*-173.89*	
		For Class 54 Rating, Add	*118.56*	
		For Class 55 Rating, Add	*263.52*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,226.35	395.44
		For Class 52 Rating, Deduct	*-178.99*	
		For Class 54 Rating, Add	*122.04*	
		For Class 55 Rating, Add	*271.25*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,277.12	398.33
		For Class 52 Rating, Deduct	*-184.10*	
		For Class 54 Rating, Add	*125.52*	
		For Class 55 Rating, Add	*278.99*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,327.89	401.21
		For Class 52 Rating, Deduct	*-189.20*	
		For Class 54 Rating, Add	*129.00*	
		For Class 55 Rating, Add	*286.72*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,378.66	404.10
		For Class 52 Rating, Deduct	*-194.30*	
		For Class 54 Rating, Add	*132.48*	
		For Class 55 Rating, Add	*294.46*	
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,429.44	406.98
		For Class 52 Rating, Deduct	*-199.41*	
		For Class 54 Rating, Add	*135.96*	
		For Class 55 Rating, Add	*302.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,480.22	409.87
		For Class 52 Rating, Deduct	*-204.51*	
		For Class 54 Rating, Add	*139.44*	
		For Class 55 Rating, Add	*309.93*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,530.19	412.75
		For Class 52 Rating, Deduct	*-209.53*	
		For Class 54 Rating, Add	*142.86*	
		For Class 55 Rating, Add	*317.53*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,581.76	415.64
		For Class 52 Rating, Deduct	*-214.72*	
		For Class 54 Rating, Add	*146.40*	
		For Class 55 Rating, Add	*325.40*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,632.54	418.53
		For Class 52 Rating, Deduct	*-219.82*	
		For Class 54 Rating, Add	*149.88*	
		For Class 55 Rating, Add	*333.13*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,683.31	421.41
		For Class 52 Rating, Deduct	*-224.93*	
		For Class 54 Rating, Add	*153.36*	
		For Class 55 Rating, Add	*340.87*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,734.08	424.30
		For Class 52 Rating, Deduct	*-230.03*	
		For Class 54 Rating, Add	*156.84*	
		For Class 55 Rating, Add	*348.60*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,784.85	427.19
		For Class 52 Rating, Deduct	*-235.14*	
		For Class 54 Rating, Add	*160.32*	
		For Class 55 Rating, Add	*356.34*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,835.63	430.08
		For Class 52 Rating, Deduct	*-240.24*	
		For Class 54 Rating, Add	*163.80*	
		For Class 55 Rating, Add	*364.07*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,886.40	432.96
		For Class 52 Rating, Deduct	*-245.34*	
		For Class 54 Rating, Add	*167.28*	
		For Class 55 Rating, Add	*371.81*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,237.86	404.10
		For Class 52 Rating, Deduct	*-68.82*	
		For Class 54 Rating, Add	*46.92*	
		For Class 55 Rating, Add	*104.29*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,300.64	406.98
		For Class 52 Rating, Deduct	*-75.24*	
		For Class 54 Rating, Add	*51.30*	
		For Class 55 Rating, Add	*114.02*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,363.42	409.87
		For Class 52 Rating, Deduct	*-81.66*	
		For Class 54 Rating, Add	*55.68*	
		For Class 55 Rating, Add	*123.76*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,426.19	412.75
		For Class 52 Rating, Deduct	*-88.09*	
		For Class 54 Rating, Add	*60.06*	
		For Class 55 Rating, Add	*133.49*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,488.96	415.64
		For Class 52 Rating, Deduct	*-94.51*	
		For Class 54 Rating, Add	*64.44*	
		For Class 55 Rating, Add	*143.23*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.74	418.53
		For Class 52 Rating, Deduct	*-100.94*	
		For Class 54 Rating, Add	*68.82*	
		For Class 55 Rating, Add	*152.96*	
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,614.51	421.41
		For Class 52 Rating, Deduct	*-107.36*	
		For Class 54 Rating, Add	*73.20*	
		For Class 55 Rating, Add	*162.70*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,677.28	424.30
		For Class 52 Rating, Deduct	*-113.78*	
		For Class 54 Rating, Add	*77.58*	
		For Class 55 Rating, Add	*172.43*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,740.05	427.19
		For Class 52 Rating, Deduct	*-120.21*	
		For Class 54 Rating, Add	*81.96*	
		For Class 55 Rating, Add	*182.17*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,802.83	430.08
		For Class 52 Rating, Deduct	*-126.63*	
		For Class 54 Rating, Add	*86.34*	
		For Class 55 Rating, Add	*191.91*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,865.60	432.96
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*90.72*	
		For Class 55 Rating, Add	*201.64*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,928.37	435.85
		For Class 52 Rating, Deduct	*-139.48*	
		For Class 54 Rating, Add	*95.10*	
		For Class 55 Rating, Add	*211.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,991.14	438.74
		For Class 52 Rating, Deduct	*-145.90*	
		For Class 54 Rating, Add	*99.48*	
		For Class 55 Rating, Add	*221.11*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,053.92	441.62
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,116.69	444.51
		For Class 52 Rating, Deduct	*-158.75*	
		For Class 54 Rating, Add	*108.24*	
		For Class 55 Rating, Add	*240.58*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,179.47	447.39
		For Class 52 Rating, Deduct	*-165.18*	
		For Class 54 Rating, Add	*112.62*	
		For Class 55 Rating, Add	*250.32*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,242.24	450.28
		For Class 52 Rating, Deduct	*-171.60*	
		For Class 54 Rating, Add	*117.00*	
		For Class 55 Rating, Add	*260.05*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,305.02	453.16
		For Class 52 Rating, Deduct	*-178.02*	
		For Class 54 Rating, Add	*121.38*	
		For Class 55 Rating, Add	*269.79*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,367.79	456.05
		For Class 52 Rating, Deduct	*-184.45*	
		For Class 54 Rating, Add	*125.76*	
		For Class 55 Rating, Add	*279.52*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,430.56	458.93
		For Class 52 Rating, Deduct	*-190.87*	
		For Class 54 Rating, Add	*130.14*	
		For Class 55 Rating, Add	*289.26*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,493.33	461.82
		For Class 52 Rating, Deduct	*-197.30*	
		For Class 54 Rating, Add	*134.52*	
		For Class 55 Rating, Add	*298.99*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,556.11	464.71
		For Class 52 Rating, Deduct	*-203.72*	
		For Class 54 Rating, Add	*138.90*	
		For Class 55 Rating, Add	*308.73*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,618.88	467.60
		For Class 52 Rating, Deduct	*-210.14*	
		For Class 54 Rating, Add	*143.28*	
		For Class 55 Rating, Add	*318.46*	
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,681.65	470.49
		For Class 52 Rating, Deduct	*-216.57*	
		For Class 54 Rating, Add	*147.66*	
		For Class 55 Rating, Add	*328.20*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,744.43	473.37
		For Class 52 Rating, Deduct	*-222.99*	
		For Class 54 Rating, Add	*152.04*	
		For Class 55 Rating, Add	*337.93*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,807.20	476.26
		For Class 52 Rating, Deduct	*-229.42*	
		For Class 54 Rating, Add	*156.42*	
		For Class 55 Rating, Add	*347.67*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,869.97	479.14
		For Class 52 Rating, Deduct	*-235.84*	
		For Class 54 Rating, Add	*160.80*	
		For Class 55 Rating, Add	*357.40*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,932.74	482.03
		For Class 52 Rating, Deduct	*-242.26*	
		For Class 54 Rating, Add	*165.18*	
		For Class 55 Rating, Add	*367.14*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,995.53	484.92
		For Class 52 Rating, Deduct	*-248.69*	
		For Class 54 Rating, Add	*169.56*	
		For Class 55 Rating, Add	*376.88*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,058.30	487.80
		For Class 52 Rating, Deduct	*-255.11*	
		For Class 54 Rating, Add	*173.94*	
		For Class 55 Rating, Add	*386.61*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,121.07	490.69
		For Class 52 Rating, Deduct	*-261.54*	
		For Class 54 Rating, Add	*178.32*	
		For Class 55 Rating, Add	*396.35*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,183.84	493.57
		For Class 52 Rating, Deduct	*-267.96*	
		For Class 54 Rating, Add	*182.70*	
		For Class 55 Rating, Add	*406.08*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,246.62	496.46
		For Class 52 Rating, Deduct	*-274.38*	
		For Class 54 Rating, Add	*187.08*	
		For Class 55 Rating, Add	*415.82*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,309.39	499.34
		For Class 52 Rating, Deduct	*-280.81*	
		For Class 54 Rating, Add	*191.46*	
		For Class 55 Rating, Add	*425.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.16	502.23
		For Class 52 Rating, Deduct	*-287.23*	
		For Class 54 Rating, Add	*195.84*	
		For Class 55 Rating, Add	*435.29*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,434.93	505.12
		For Class 52 Rating, Deduct	*-293.66*	
		For Class 54 Rating, Add	*200.22*	
		For Class 55 Rating, Add	*445.02*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,497.71	508.01
		For Class 52 Rating, Deduct	*-300.08*	
		For Class 54 Rating, Add	*204.60*	
		For Class 55 Rating, Add	*454.76*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,560.48	510.90
		For Class 52 Rating, Deduct	*-306.50*	
		For Class 54 Rating, Add	*208.98*	
		For Class 55 Rating, Add	*464.49*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,623.25	513.78
		For Class 52 Rating, Deduct	*-312.93*	
		For Class 54 Rating, Add	*213.36*	
		For Class 55 Rating, Add	*474.23*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,610.73	484.92
		For Class 52 Rating, Deduct	*-96.36*	
		For Class 54 Rating, Add	*65.70*	
		For Class 55 Rating, Add	*146.03*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,686.30	487.80
		For Class 52 Rating, Deduct	*-104.19*	
		For Class 54 Rating, Add	*71.04*	
		For Class 55 Rating, Add	*157.90*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,761.87	490.69
		For Class 52 Rating, Deduct	*-112.02*	
		For Class 54 Rating, Add	*76.38*	
		For Class 55 Rating, Add	*169.77*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,837.44	493.57
		For Class 52 Rating, Deduct	*-119.86*	
		For Class 54 Rating, Add	*81.72*	
		For Class 55 Rating, Add	*181.64*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,913.02	496.46
		For Class 52 Rating, Deduct	*-127.69*	
		For Class 54 Rating, Add	*87.06*	
		For Class 55 Rating, Add	*193.51*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,988.59	499.34
		For Class 52 Rating, Deduct	*-135.52*	
		For Class 54 Rating, Add	*92.40*	
		For Class 55 Rating, Add	*205.37*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,064.16	502.23
		For Class 52 Rating, Deduct	*-143.35*	
		For Class 54 Rating, Add	*97.74*	
		For Class 55 Rating, Add	*217.24*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,139.73	505.12
		For Class 52 Rating, Deduct	*-151.18*	
		For Class 54 Rating, Add	*103.08*	
		For Class 55 Rating, Add	*229.11*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,215.31	508.01
		For Class 52 Rating, Deduct	*-159.02*	
		For Class 54 Rating, Add	*108.42*	
		For Class 55 Rating, Add	*240.98*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,290.88	510.90
		For Class 52 Rating, Deduct	*-166.85*	
		For Class 54 Rating, Add	*113.76*	
		For Class 55 Rating, Add	*252.85*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,366.45	513.78
		For Class 52 Rating, Deduct	*-174.68*	
		For Class 54 Rating, Add	*119.10*	
		For Class 55 Rating, Add	*264.72*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,442.02	516.67
		For Class 52 Rating, Deduct	*-182.51*	
		For Class 54 Rating, Add	*124.44*	
		For Class 55 Rating, Add	*276.59*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,517.60	519.55
		For Class 52 Rating, Deduct	*-190.34*	
		For Class 54 Rating, Add	*129.78*	
		For Class 55 Rating, Add	*288.46*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,593.17	522.44
		For Class 52 Rating, Deduct	*-198.18*	
		For Class 54 Rating, Add	*135.12*	
		For Class 55 Rating, Add	*300.33*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,668.75	525.33
		For Class 52 Rating, Deduct	*-206.01*	
		For Class 54 Rating, Add	*140.46*	
		For Class 55 Rating, Add	*312.20*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,744.32	528.21
		For Class 52 Rating, Deduct	*-213.84*	
		For Class 54 Rating, Add	*145.80*	
		For Class 55 Rating, Add	*324.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,819.90	531.10
		For Class 52 Rating, Deduct	*-221.67*	
		For Class 54 Rating, Add	*151.14*	
		For Class 55 Rating, Add	*335.93*	
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,895.47	533.98
		For Class 52 Rating, Deduct	*-229.50*	
		For Class 54 Rating, Add	*156.48*	
		For Class 55 Rating, Add	*347.80*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,971.04	536.87
		For Class 52 Rating, Deduct	*-237.34*	
		For Class 54 Rating, Add	*161.82*	
		For Class 55 Rating, Add	*359.67*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,046.61	539.75
		For Class 52 Rating, Deduct	*-245.17*	
		For Class 54 Rating, Add	*167.16*	
		For Class 55 Rating, Add	*371.54*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,122.19	542.64
		For Class 52 Rating, Deduct	*-253.00*	
		For Class 54 Rating, Add	*172.50*	
		For Class 55 Rating, Add	*383.41*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,197.76	545.53
		For Class 52 Rating, Deduct	*-260.83*	
		For Class 54 Rating, Add	*177.84*	
		For Class 55 Rating, Add	*395.28*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,273.33	548.42
		For Class 52 Rating, Deduct	*-268.66*	
		For Class 54 Rating, Add	*183.18*	
		For Class 55 Rating, Add	*407.15*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,348.90	551.31
		For Class 52 Rating, Deduct	*-276.50*	
		For Class 54 Rating, Add	*188.52*	
		For Class 55 Rating, Add	*419.02*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,424.48	554.19
		For Class 52 Rating, Deduct	*-284.33*	
		For Class 54 Rating, Add	*193.86*	
		For Class 55 Rating, Add	*430.89*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,500.05	557.08
		For Class 52 Rating, Deduct	*-292.16*	
		For Class 54 Rating, Add	*199.20*	
		For Class 55 Rating, Add	*442.76*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,575.62	559.96
		For Class 52 Rating, Deduct	*-299.99*	
		For Class 54 Rating, Add	*204.54*	
		For Class 55 Rating, Add	*454.62*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,651.21	562.85
		For Class 52 Rating, Deduct	*-307.82*	
		For Class 54 Rating, Add	*209.88*	
		For Class 55 Rating, Add	*466.49*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,726.78	565.74
		For Class 52 Rating, Deduct	*-315.66*	
		For Class 54 Rating, Add	*215.22*	
		For Class 55 Rating, Add	*478.36*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.35	568.62
		For Class 52 Rating, Deduct	*-323.49*	
		For Class 54 Rating, Add	*220.56*	
		For Class 55 Rating, Add	*490.23*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,877.92	571.51
		For Class 52 Rating, Deduct	*-331.32*	
		For Class 54 Rating, Add	*225.90*	
		For Class 55 Rating, Add	*502.10*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,953.50	574.39
		For Class 52 Rating, Deduct	*-339.15*	
		For Class 54 Rating, Add	*231.24*	
		For Class 55 Rating, Add	*513.97*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,029.07	577.28
		For Class 52 Rating, Deduct	*-346.98*	
		For Class 54 Rating, Add	*236.58*	
		For Class 55 Rating, Add	*525.84*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,104.64	580.16
		For Class 52 Rating, Deduct	*-354.82*	
		For Class 54 Rating, Add	*241.92*	
		For Class 55 Rating, Add	*537.71*	
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,180.21	583.05
		For Class 52 Rating, Deduct	*-362.65*	
		For Class 54 Rating, Add	*247.26*	
		For Class 55 Rating, Add	*549.58*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,255.79	585.94
		For Class 52 Rating, Deduct	*-370.48*	
		For Class 54 Rating, Add	*252.60*	
		For Class 55 Rating, Add	*561.45*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,331.36	588.82
		For Class 52 Rating, Deduct	*-378.31*	
		For Class 54 Rating, Add	*257.94*	
		For Class 55 Rating, Add	*573.31*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,406.93	591.72
		For Class 52 Rating, Deduct	*-386.14*	
		For Class 54 Rating, Add	*263.28*	
		For Class 55 Rating, Add	*585.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0242		16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,878.08	554.19
		For Class 52 Rating, Deduct	*-114.22*	
		For Class 54 Rating, Add	*77.88*	
		For Class 55 Rating, Add	*173.10*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.65	557.08
		For Class 52 Rating, Deduct	*-123.38*	
		For Class 54 Rating, Add	*84.12*	
		For Class 55 Rating, Add	*186.97*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,053.22	559.96
		For Class 52 Rating, Deduct	*-132.53*	
		For Class 54 Rating, Add	*90.36*	
		For Class 55 Rating, Add	*200.84*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,140.81	562.85
		For Class 52 Rating, Deduct	*-141.68*	
		For Class 54 Rating, Add	*96.60*	
		For Class 55 Rating, Add	*214.71*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,228.38	565.74
		For Class 52 Rating, Deduct	*-150.83*	
		For Class 54 Rating, Add	*102.84*	
		For Class 55 Rating, Add	*228.58*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,315.95	568.62
		For Class 52 Rating, Deduct	*-159.98*	
		For Class 54 Rating, Add	*109.08*	
		For Class 55 Rating, Add	*242.45*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.52	571.51
		For Class 52 Rating, Deduct	*-169.14*	
		For Class 54 Rating, Add	*115.32*	
		For Class 55 Rating, Add	*256.32*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,491.10	574.39
		For Class 52 Rating, Deduct	*-178.29*	
		For Class 54 Rating, Add	*121.56*	
		For Class 55 Rating, Add	*270.19*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,578.67	577.28
		For Class 52 Rating, Deduct	*-187.44*	
		For Class 54 Rating, Add	*127.80*	
		For Class 55 Rating, Add	*284.06*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,666.24	580.16
		For Class 52 Rating, Deduct	*-196.59*	
		For Class 54 Rating, Add	*134.04*	
		For Class 55 Rating, Add	*297.93*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,753.81	583.05
		For Class 52 Rating, Deduct	*-205.74*	
		For Class 54 Rating, Add	*140.28*	
		For Class 55 Rating, Add	*311.80*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,841.39	585.94
		For Class 52 Rating, Deduct	*-214.90*	
		For Class 54 Rating, Add	*146.52*	
		For Class 55 Rating, Add	*325.67*	
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,928.96	588.82
		For Class 52 Rating, Deduct	*-224.05*	
		For Class 54 Rating, Add	*152.76*	
		For Class 55 Rating, Add	*339.53*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,016.53	591.72
		For Class 52 Rating, Deduct	*-233.20*	
		For Class 54 Rating, Add	*159.00*	
		For Class 55 Rating, Add	*353.40*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,104.10	594.60
		For Class 52 Rating, Deduct	*-242.35*	
		For Class 54 Rating, Add	*165.24*	
		For Class 55 Rating, Add	*367.27*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,191.68	597.49
		For Class 52 Rating, Deduct	*-251.50*	
		For Class 54 Rating, Add	*171.48*	
		For Class 55 Rating, Add	*381.14*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,279.25	600.37
		For Class 52 Rating, Deduct	*-260.66*	
		For Class 54 Rating, Add	*177.72*	
		For Class 55 Rating, Add	*395.01*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,366.83	603.26
		For Class 52 Rating, Deduct	*-269.81*	
		For Class 54 Rating, Add	*183.96*	
		For Class 55 Rating, Add	*408.88*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,454.40	606.15
		For Class 52 Rating, Deduct	*-278.96*	
		For Class 54 Rating, Add	*190.20*	
		For Class 55 Rating, Add	*422.75*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.98	609.03
		For Class 52 Rating, Deduct	*-288.11*	
		For Class 54 Rating, Add	*196.44*	
		For Class 55 Rating, Add	*436.62*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,629.55	611.92
		For Class 52 Rating, Deduct	*-297.26*	
		For Class 54 Rating, Add	*202.68*	
		For Class 55 Rating, Add	*450.49*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,717.12	614.80
		For Class 52 Rating, Deduct	*-306.42*	
		For Class 54 Rating, Add	*208.92*	
		For Class 55 Rating, Add	*464.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,804.69	617.69
		For Class 52 Rating, Deduct	*-315.57*	
		For Class 54 Rating, Add	*215.16*	
		For Class 55 Rating, Add	*478.23*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,892.27	620.57
		For Class 52 Rating, Deduct	*-324.72*	
		For Class 54 Rating, Add	*221.40*	
		For Class 55 Rating, Add	*492.10*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,979.84	623.46
		For Class 52 Rating, Deduct	*-333.87*	
		For Class 54 Rating, Add	*227.64*	
		For Class 55 Rating, Add	*505.97*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,067.41	626.35
		For Class 52 Rating, Deduct	*-343.02*	
		For Class 54 Rating, Add	*233.88*	
		For Class 55 Rating, Add	*519.84*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,154.98	629.23
		For Class 52 Rating, Deduct	*-352.18*	
		For Class 54 Rating, Add	*240.12*	
		For Class 55 Rating, Add	*533.71*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,242.56	632.13
		For Class 52 Rating, Deduct	*-361.33*	
		For Class 54 Rating, Add	*246.36*	
		For Class 55 Rating, Add	*547.58*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,330.13	635.01
		For Class 52 Rating, Deduct	*-370.48*	
		For Class 54 Rating, Add	*252.60*	
		For Class 55 Rating, Add	*561.45*	
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,417.70	637.90
		For Class 52 Rating, Deduct	*-379.63*	
		For Class 54 Rating, Add	*258.84*	
		For Class 55 Rating, Add	*575.32*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,505.29	640.78
		For Class 52 Rating, Deduct	*-388.78*	
		For Class 54 Rating, Add	*265.08*	
		For Class 55 Rating, Add	*589.18*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,592.86	643.67
		For Class 52 Rating, Deduct	*-397.94*	
		For Class 54 Rating, Add	*271.32*	
		For Class 55 Rating, Add	*603.05*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,680.43	646.55
		For Class 52 Rating, Deduct	*-407.09*	
		For Class 54 Rating, Add	*277.56*	
		For Class 55 Rating, Add	*616.92*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,768.00	649.44
		For Class 52 Rating, Deduct	*-416.24*	
		For Class 54 Rating, Add	*283.80*	
		For Class 55 Rating, Add	*630.79*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,855.58	652.33
		For Class 52 Rating, Deduct	*-425.39*	
		For Class 54 Rating, Add	*290.04*	
		For Class 55 Rating, Add	*644.66*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,943.15	655.21
		For Class 52 Rating, Deduct	*-434.54*	
		For Class 54 Rating, Add	*296.28*	
		For Class 55 Rating, Add	*658.53*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,030.72	658.10
		For Class 52 Rating, Deduct	*-443.70*	
		For Class 54 Rating, Add	*302.52*	
		For Class 55 Rating, Add	*672.40*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,118.29	660.98
		For Class 52 Rating, Deduct	*-452.85*	
		For Class 54 Rating, Add	*308.76*	
		For Class 55 Rating, Add	*686.27*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,170.39	624.62
		For Class 52 Rating, Deduct	*-134.64*	
		For Class 54 Rating, Add	*91.80*	
		For Class 55 Rating, Add	*204.04*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,270.76	627.50
		For Class 52 Rating, Deduct	*-145.20*	
		For Class 54 Rating, Add	*99.00*	
		For Class 55 Rating, Add	*220.04*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,371.14	630.39
		For Class 52 Rating, Deduct	*-155.76*	
		For Class 54 Rating, Add	*106.20*	
		For Class 55 Rating, Add	*236.05*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,471.51	633.27
		For Class 52 Rating, Deduct	*-166.32*	
		For Class 54 Rating, Add	*113.40*	
		For Class 55 Rating, Add	*252.05*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,571.88	636.16
		For Class 52 Rating, Deduct	*-176.88*	
		For Class 54 Rating, Add	*120.60*	
		For Class 55 Rating, Add	*268.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,672.25	639.05
		For Class 52 Rating, Deduct	*-187.44*	
		For Class 54 Rating, Add	*127.80*	
		For Class 55 Rating, Add	*284.06*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,772.63	641.93
		For Class 52 Rating, Deduct	*-198.00*	
		For Class 54 Rating, Add	*135.00*	
		For Class 55 Rating, Add	*300.06*	
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,873.00	644.82
		For Class 52 Rating, Deduct	*-208.56*	
		For Class 54 Rating, Add	*142.20*	
		For Class 55 Rating, Add	*316.06*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,973.38	647.71
		For Class 52 Rating, Deduct	*-219.12*	
		For Class 54 Rating, Add	*149.40*	
		For Class 55 Rating, Add	*332.07*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,073.75	650.60
		For Class 52 Rating, Deduct	*-229.68*	
		For Class 54 Rating, Add	*156.60*	
		For Class 55 Rating, Add	*348.07*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,174.13	653.48
		For Class 52 Rating, Deduct	*-240.24*	
		For Class 54 Rating, Add	*163.80*	
		For Class 55 Rating, Add	*364.07*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,274.50	656.37
		For Class 52 Rating, Deduct	*-250.80*	
		For Class 54 Rating, Add	*171.00*	
		For Class 55 Rating, Add	*380.08*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,374.87	659.26
		For Class 52 Rating, Deduct	*-261.36*	
		For Class 54 Rating, Add	*178.20*	
		For Class 55 Rating, Add	*396.08*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,475.24	662.14
		For Class 52 Rating, Deduct	*-271.92*	
		For Class 54 Rating, Add	*185.40*	
		For Class 55 Rating, Add	*412.08*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,575.62	665.03
		For Class 52 Rating, Deduct	*-282.48*	
		For Class 54 Rating, Add	*192.60*	
		For Class 55 Rating, Add	*428.09*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,675.99	667.91
		For Class 52 Rating, Deduct	*-293.04*	
		For Class 54 Rating, Add	*199.80*	
		For Class 55 Rating, Add	*444.09*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,776.36	670.80
		For Class 52 Rating, Deduct	*-303.60*	
		For Class 54 Rating, Add	*207.00*	
		For Class 55 Rating, Add	*460.09*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,876.73	673.68
		For Class 52 Rating, Deduct	*-314.16*	
		For Class 54 Rating, Add	*214.20*	
		For Class 55 Rating, Add	*476.10*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,977.11	676.57
		For Class 52 Rating, Deduct	*-324.72*	
		For Class 54 Rating, Add	*221.40*	
		For Class 55 Rating, Add	*492.10*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,077.48	679.46
		For Class 52 Rating, Deduct	*-335.28*	
		For Class 54 Rating, Add	*228.60*	
		For Class 55 Rating, Add	*508.10*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,177.85	682.34
		For Class 52 Rating, Deduct	*-345.84*	
		For Class 54 Rating, Add	*235.80*	
		For Class 55 Rating, Add	*524.10*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.23	685.23
		For Class 52 Rating, Deduct	*-356.40*	
		For Class 54 Rating, Add	*243.00*	
		For Class 55 Rating, Add	*540.11*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,378.61	688.12
		For Class 52 Rating, Deduct	*-366.96*	
		For Class 54 Rating, Add	*250.20*	
		For Class 55 Rating, Add	*556.11*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,478.98	691.01
		For Class 52 Rating, Deduct	*-377.52*	
		For Class 54 Rating, Add	*257.40*	
		For Class 55 Rating, Add	*572.11*	
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,579.35	693.89
		For Class 52 Rating, Deduct	*-388.08*	
		For Class 54 Rating, Add	*264.60*	
		For Class 55 Rating, Add	*588.12*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,679.73	696.78
		For Class 52 Rating, Deduct	*-398.64*	
		For Class 54 Rating, Add	*271.80*	
		For Class 55 Rating, Add	*604.12*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,780.10	699.67
		For Class 52 Rating, Deduct	*-409.20*	
		For Class 54 Rating, Add	*279.00*	
		For Class 55 Rating, Add	*620.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,880.47	702.55
		For Class 52 Rating, Deduct	*-419.76*	
		For Class 54 Rating, Add	*286.20*	
		For Class 55 Rating, Add	*636.13*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,980.84	705.44
		For Class 52 Rating, Deduct	*-430.32*	
		For Class 54 Rating, Add	*293.40*	
		For Class 55 Rating, Add	*652.13*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,081.22	708.32
		For Class 52 Rating, Deduct	*-440.88*	
		For Class 54 Rating, Add	*300.60*	
		For Class 55 Rating, Add	*668.13*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,181.59	711.21
		For Class 52 Rating, Deduct	*-451.44*	
		For Class 54 Rating, Add	*307.80*	
		For Class 55 Rating, Add	*684.14*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.96	714.09
		For Class 52 Rating, Deduct	*-462.00*	
		For Class 54 Rating, Add	*315.00*	
		For Class 55 Rating, Add	*700.14*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,382.33	716.98
		For Class 52 Rating, Deduct	*-472.56*	
		For Class 54 Rating, Add	*322.20*	
		For Class 55 Rating, Add	*716.14*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,482.71	719.87
		For Class 52 Rating, Deduct	*-483.12*	
		For Class 54 Rating, Add	*329.40*	
		For Class 55 Rating, Add	*732.15*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,583.08	722.75
		For Class 52 Rating, Deduct	*-493.68*	
		For Class 54 Rating, Add	*336.60*	
		For Class 55 Rating, Add	*748.15*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,683.46	725.64
		For Class 52 Rating, Deduct	*-504.24*	
		For Class 54 Rating, Add	*343.80*	
		For Class 55 Rating, Add	*764.15*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,783.83	728.53
		For Class 52 Rating, Deduct	*-514.80*	
		For Class 54 Rating, Add	*351.00*	
		For Class 55 Rating, Add	*780.16*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,884.21	731.42
		For Class 52 Rating, Deduct	*-525.36*	
		For Class 54 Rating, Add	*358.20*	
		For Class 55 Rating, Add	*796.16*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,527.41	712.95
		For Class 52 Rating, Deduct	*-159.19*	
		For Class 54 Rating, Add	*108.54*	
		For Class 55 Rating, Add	*241.25*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,642.18	715.83
		For Class 52 Rating, Deduct	*-171.34*	
		For Class 54 Rating, Add	*116.82*	
		For Class 55 Rating, Add	*259.65*	
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,756.97	718.72
		For Class 52 Rating, Deduct	*-183.48*	
		For Class 54 Rating, Add	*125.10*	
		For Class 55 Rating, Add	*278.06*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,871.74	721.60
		For Class 52 Rating, Deduct	*-195.62*	
		For Class 54 Rating, Add	*133.38*	
		For Class 55 Rating, Add	*296.46*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,986.51	724.49
		For Class 52 Rating, Deduct	*-207.77*	
		For Class 54 Rating, Add	*141.66*	
		For Class 55 Rating, Add	*314.86*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,101.28	727.37
		For Class 52 Rating, Deduct	*-219.91*	
		For Class 54 Rating, Add	*149.94*	
		For Class 55 Rating, Add	*333.27*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,216.06	730.26
		For Class 52 Rating, Deduct	*-232.06*	
		For Class 54 Rating, Add	*158.22*	
		For Class 55 Rating, Add	*351.67*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,330.83	733.15
		For Class 52 Rating, Deduct	*-244.20*	
		For Class 54 Rating, Add	*166.50*	
		For Class 55 Rating, Add	*370.07*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,445.60	736.03
		For Class 52 Rating, Deduct	*-256.34*	
		For Class 54 Rating, Add	*174.78*	
		For Class 55 Rating, Add	*388.48*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,560.37	738.92
		For Class 52 Rating, Deduct	*-268.49*	
		For Class 54 Rating, Add	*183.06*	
		For Class 55 Rating, Add	*406.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,675.15	741.80
		For Class 52 Rating, Deduct	*-280.63*	
		For Class 54 Rating, Add	*191.34*	
		For Class 55 Rating, Add	*425.29*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,789.92	744.69
		For Class 52 Rating, Deduct	*-292.78*	
		For Class 54 Rating, Add	*199.62*	
		For Class 55 Rating, Add	*443.69*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,904.69	747.57
		For Class 52 Rating, Deduct	*-304.92*	
		For Class 54 Rating, Add	*207.90*	
		For Class 55 Rating, Add	*462.09*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,019.46	750.46
		For Class 52 Rating, Deduct	*-317.06*	
		For Class 54 Rating, Add	*216.18*	
		For Class 55 Rating, Add	*480.50*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,134.24	753.36
		For Class 52 Rating, Deduct	*-329.21*	
		For Class 54 Rating, Add	*224.46*	
		For Class 55 Rating, Add	*498.90*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,249.02	756.24
		For Class 52 Rating, Deduct	*-341.35*	
		For Class 54 Rating, Add	*232.74*	
		For Class 55 Rating, Add	*517.30*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,363.79	759.13
		For Class 52 Rating, Deduct	*-353.50*	
		For Class 54 Rating, Add	*241.02*	
		For Class 55 Rating, Add	*535.71*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,478.56	762.01
		For Class 52 Rating, Deduct	*-365.64*	
		For Class 54 Rating, Add	*249.30*	
		For Class 55 Rating, Add	*554.11*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,593.34	764.90
		For Class 52 Rating, Deduct	*-377.78*	
		For Class 54 Rating, Add	*257.58*	
		For Class 55 Rating, Add	*572.51*	
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,708.11	767.78
		For Class 52 Rating, Deduct	*-389.93*	
		For Class 54 Rating, Add	*265.86*	
		For Class 55 Rating, Add	*590.92*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,822.88	770.67
		For Class 52 Rating, Deduct	*-402.07*	
		For Class 54 Rating, Add	*274.14*	
		For Class 55 Rating, Add	*609.32*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,937.65	773.56
		For Class 52 Rating, Deduct	*-414.22*	
		For Class 54 Rating, Add	*282.42*	
		For Class 55 Rating, Add	*627.73*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,052.43	776.44
		For Class 52 Rating, Deduct	*-426.36*	
		For Class 54 Rating, Add	*290.70*	
		For Class 55 Rating, Add	*646.13*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,167.20	779.33
		For Class 52 Rating, Deduct	*-438.50*	
		For Class 54 Rating, Add	*298.98*	
		For Class 55 Rating, Add	*664.53*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.97	782.21
		For Class 52 Rating, Deduct	*-450.65*	
		For Class 54 Rating, Add	*307.26*	
		For Class 55 Rating, Add	*682.94*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,396.74	785.10
		For Class 52 Rating, Deduct	*-462.79*	
		For Class 54 Rating, Add	*315.54*	
		For Class 55 Rating, Add	*701.34*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,511.52	787.98
		For Class 52 Rating, Deduct	*-474.94*	
		For Class 54 Rating, Add	*323.82*	
		For Class 55 Rating, Add	*719.74*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,626.29	790.87
		For Class 52 Rating, Deduct	*-487.08*	
		For Class 54 Rating, Add	*332.10*	
		For Class 55 Rating, Add	*738.15*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,741.06	793.77
		For Class 52 Rating, Deduct	*-499.22*	
		For Class 54 Rating, Add	*340.38*	
		For Class 55 Rating, Add	*756.55*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,855.85	796.65
		For Class 52 Rating, Deduct	*-511.37*	
		For Class 54 Rating, Add	*348.66*	
		For Class 55 Rating, Add	*774.95*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,970.62	799.54
		For Class 52 Rating, Deduct	*-523.51*	
		For Class 54 Rating, Add	*356.94*	
		For Class 55 Rating, Add	*793.36*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,085.39	802.42
		For Class 52 Rating, Deduct	*-535.66*	
		For Class 54 Rating, Add	*365.22*	
		For Class 55 Rating, Add	*811.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,200.16	805.31
		For Class 52 Rating, Deduct	*-547.80*	
		For Class 54 Rating, Add	*373.50*	
		For Class 55 Rating, Add	*830.17*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,314.94	808.19
		For Class 52 Rating, Deduct	*-559.94*	
		For Class 54 Rating, Add	*381.78*	
		For Class 55 Rating, Add	*848.57*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,429.71	811.08
		For Class 52 Rating, Deduct	*-572.09*	
		For Class 54 Rating, Add	*390.06*	
		For Class 55 Rating, Add	*866.97*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,544.48	813.96
		For Class 52 Rating, Deduct	*-584.23*	
		For Class 54 Rating, Add	*398.34*	
		For Class 55 Rating, Add	*885.38*	
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,659.25	816.85
		For Class 52 Rating, Deduct	*-596.38*	
		For Class 54 Rating, Add	*406.62*	
		For Class 55 Rating, Add	*903.78*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,774.03	819.74
		For Class 52 Rating, Deduct	*-608.52*	
		For Class 54 Rating, Add	*414.90*	
		For Class 55 Rating, Add	*922.18*	

40 05 19 00-0359 24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,083.42	842.83
		For Class 52 Rating, Deduct	*-198.70*	
		For Class 54 Rating, Add	*135.48*	
		For Class 55 Rating, Add	*301.13*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,224.59	845.72
		For Class 52 Rating, Deduct	*-213.75*	
		For Class 54 Rating, Add	*145.74*	
		For Class 55 Rating, Add	*323.93*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,365.76	848.60
		For Class 52 Rating, Deduct	*-228.80*	
		For Class 54 Rating, Add	*156.00*	
		For Class 55 Rating, Add	*346.74*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.93	851.49
		For Class 52 Rating, Deduct	*-243.85*	
		For Class 54 Rating, Add	*166.26*	
		For Class 55 Rating, Add	*369.54*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,648.11	854.37
		For Class 52 Rating, Deduct	*-258.90*	
		For Class 54 Rating, Add	*176.52*	
		For Class 55 Rating, Add	*392.35*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,789.28	857.26
		For Class 52 Rating, Deduct	*-273.94*	
		For Class 54 Rating, Add	*186.78*	
		For Class 55 Rating, Add	*415.15*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,930.45	860.15
		For Class 52 Rating, Deduct	*-288.99*	
		For Class 54 Rating, Add	*197.04*	
		For Class 55 Rating, Add	*437.95*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,071.62	863.03
		For Class 52 Rating, Deduct	*-304.04*	
		For Class 54 Rating, Add	*207.30*	
		For Class 55 Rating, Add	*460.76*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,212.80	865.92
		For Class 52 Rating, Deduct	*-319.09*	
		For Class 54 Rating, Add	*217.56*	
		For Class 55 Rating, Add	*483.56*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,353.97	868.80
		For Class 52 Rating, Deduct	*-334.14*	
		For Class 54 Rating, Add	*227.82*	
		For Class 55 Rating, Add	*506.37*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,495.14	871.69
		For Class 52 Rating, Deduct	*-349.18*	
		For Class 54 Rating, Add	*238.08*	
		For Class 55 Rating, Add	*529.17*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,636.33	874.58
		For Class 52 Rating, Deduct	*-364.23*	
		For Class 54 Rating, Add	*248.34*	
		For Class 55 Rating, Add	*551.98*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,777.50	877.47
		For Class 52 Rating, Deduct	*-379.28*	
		For Class 54 Rating, Add	*258.60*	
		For Class 55 Rating, Add	*574.78*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,918.67	880.36
		For Class 52 Rating, Deduct	*-394.33*	
		For Class 54 Rating, Add	*268.86*	
		For Class 55 Rating, Add	*597.59*	
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,059.84	883.24
		For Class 52 Rating, Deduct	*-409.38*	
		For Class 54 Rating, Add	*279.12*	
		For Class 55 Rating, Add	*620.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,201.02	886.13
		For Class 52 Rating, Deduct	*-424.42*	
		For Class 54 Rating, Add	*289.38*	
		For Class 55 Rating, Add	*643.20*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,342.19	889.01
		For Class 52 Rating, Deduct	*-439.47*	
		For Class 54 Rating, Add	*299.64*	
		For Class 55 Rating, Add	*666.00*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,483.36	891.90
		For Class 52 Rating, Deduct	*-454.52*	
		For Class 54 Rating, Add	*309.90*	
		For Class 55 Rating, Add	*688.80*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,624.53	894.78
		For Class 52 Rating, Deduct	*-469.57*	
		For Class 54 Rating, Add	*320.16*	
		For Class 55 Rating, Add	*711.61*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,765.71	897.67
		For Class 52 Rating, Deduct	*-484.62*	
		For Class 54 Rating, Add	*330.42*	
		For Class 55 Rating, Add	*734.41*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,906.88	900.56
		For Class 52 Rating, Deduct	*-499.66*	
		For Class 54 Rating, Add	*340.68*	
		For Class 55 Rating, Add	*757.22*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,048.05	903.44
		For Class 52 Rating, Deduct	*-514.71*	
		For Class 54 Rating, Add	*350.94*	
		For Class 55 Rating, Add	*780.02*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,189.22	906.33
		For Class 52 Rating, Deduct	*-529.76*	
		For Class 54 Rating, Add	*361.20*	
		For Class 55 Rating, Add	*802.83*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,330.40	909.21
		For Class 52 Rating, Deduct	*-544.81*	
		For Class 54 Rating, Add	*371.46*	
		For Class 55 Rating, Add	*825.63*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,471.58	912.10
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*381.72*	
		For Class 55 Rating, Add	*848.44*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,612.75	914.99
		For Class 52 Rating, Deduct	*-574.90*	
		For Class 54 Rating, Add	*391.98*	
		For Class 55 Rating, Add	*871.24*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,753.92	917.88
		For Class 52 Rating, Deduct	*-589.95*	
		For Class 54 Rating, Add	*402.24*	
		For Class 55 Rating, Add	*894.05*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,895.10	920.77
		For Class 52 Rating, Deduct	*-605.00*	
		For Class 54 Rating, Add	*412.50*	
		For Class 55 Rating, Add	*916.85*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,036.27	923.65
		For Class 52 Rating, Deduct	*-620.05*	
		For Class 54 Rating, Add	*422.76*	
		For Class 55 Rating, Add	*939.65*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,251.79	975.60
		For Class 52 Rating, Deduct	*-635.10*	
		For Class 54 Rating, Add	*433.02*	
		For Class 55 Rating, Add	*962.46*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,392.96	978.49
		For Class 52 Rating, Deduct	*-650.14*	
		For Class 54 Rating, Add	*443.28*	
		For Class 55 Rating, Add	*985.26*	
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,534.13	981.38
		For Class 52 Rating, Deduct	*-665.19*	
		For Class 54 Rating, Add	*453.54*	
		For Class 55 Rating, Add	*1,008.07*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,675.30	984.26
		For Class 52 Rating, Deduct	*-680.24*	
		For Class 54 Rating, Add	*463.80*	
		For Class 55 Rating, Add	*1,030.87*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,816.48	987.15
		For Class 52 Rating, Deduct	*-695.29*	
		For Class 54 Rating, Add	*474.06*	
		For Class 55 Rating, Add	*1,053.68*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,957.66	990.03
		For Class 52 Rating, Deduct	*-710.34*	
		For Class 54 Rating, Add	*484.32*	
		For Class 55 Rating, Add	*1,076.48*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,098.83	992.92
		For Class 52 Rating, Deduct	*-725.38*	
		For Class 54 Rating, Add	*494.58*	
		For Class 55 Rating, Add	*1,099.29*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,240.00	995.81
		For Class 52 Rating, Deduct	*-740.43*	
		For Class 54 Rating, Add	*504.84*	
		For Class 55 Rating, Add	*1,122.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,381.18	998.70
		For Class 52 Rating, Deduct	*-755.48*	
		For Class 54 Rating, Add	*515.10*	
		For Class 55 Rating, Add	*1,144.90*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,673.82	1,189.19
		For Class 52 Rating, Deduct	*-315.92*	
		For Class 54 Rating, Add	*215.40*	
		For Class 55 Rating, Add	*478.76*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,875.79	1,192.08
		For Class 52 Rating, Deduct	*-337.66*	
		For Class 54 Rating, Add	*230.22*	
		For Class 55 Rating, Add	*511.70*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,077.76	1,194.97
		For Class 52 Rating, Deduct	*-359.39*	
		For Class 54 Rating, Add	*245.04*	
		For Class 55 Rating, Add	*544.64*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,279.74	1,197.85
		For Class 52 Rating, Deduct	*-381.13*	
		For Class 54 Rating, Add	*259.86*	
		For Class 55 Rating, Add	*577.58*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,481.71	1,200.75
		For Class 52 Rating, Deduct	*-402.86*	
		For Class 54 Rating, Add	*274.68*	
		For Class 55 Rating, Add	*610.52*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,683.68	1,203.63
		For Class 52 Rating, Deduct	*-424.60*	
		For Class 54 Rating, Add	*289.50*	
		For Class 55 Rating, Add	*643.46*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,885.65	1,206.52
		For Class 52 Rating, Deduct	*-446.34*	
		For Class 54 Rating, Add	*304.32*	
		For Class 55 Rating, Add	*676.40*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,087.63	1,209.40
		For Class 52 Rating, Deduct	*-468.07*	
		For Class 54 Rating, Add	*319.14*	
		For Class 55 Rating, Add	*709.34*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,289.60	1,212.29
		For Class 52 Rating, Deduct	*-489.81*	
		For Class 54 Rating, Add	*333.96*	
		For Class 55 Rating, Add	*742.28*	
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,491.57	1,215.18
		For Class 52 Rating, Deduct	*-511.54*	
		For Class 54 Rating, Add	*348.78*	
		For Class 55 Rating, Add	*775.22*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,693.54	1,218.06
		For Class 52 Rating, Deduct	*-533.28*	
		For Class 54 Rating, Add	*363.60*	
		For Class 55 Rating, Add	*808.16*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,895.53	1,220.95
		For Class 52 Rating, Deduct	*-555.02*	
		For Class 54 Rating, Add	*378.42*	
		For Class 55 Rating, Add	*841.10*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,097.50	1,223.83
		For Class 52 Rating, Deduct	*-576.75*	
		For Class 54 Rating, Add	*393.24*	
		For Class 55 Rating, Add	*874.04*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,299.47	1,226.72
		For Class 52 Rating, Deduct	*-598.49*	
		For Class 54 Rating, Add	*408.06*	
		For Class 55 Rating, Add	*906.98*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,501.44	1,229.60
		For Class 52 Rating, Deduct	*-620.22*	
		For Class 54 Rating, Add	*422.88*	
		For Class 55 Rating, Add	*939.92*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,703.42	1,232.49
		For Class 52 Rating, Deduct	*-641.96*	
		For Class 54 Rating, Add	*437.70*	
		For Class 55 Rating, Add	*972.86*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,905.39	1,235.38
		For Class 52 Rating, Deduct	*-663.70*	
		For Class 54 Rating, Add	*452.52*	
		For Class 55 Rating, Add	*1,005.80*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,107.36	1,238.26
		For Class 52 Rating, Deduct	*-685.43*	
		For Class 54 Rating, Add	*467.34*	
		For Class 55 Rating, Add	*1,038.74*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,309.33	1,241.16
		For Class 52 Rating, Deduct	*-707.17*	
		For Class 54 Rating, Add	*482.16*	
		For Class 55 Rating, Add	*1,071.68*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,511.31	1,244.04
		For Class 52 Rating, Deduct	*-728.90*	
		For Class 54 Rating, Add	*496.98*	
		For Class 55 Rating, Add	*1,104.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,713.28	1,246.93
		For Class 52 Rating, Deduct	*-750.64*	
		For Class 54 Rating, Add	*511.80*	
		For Class 55 Rating, Add	*1,137.56*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,915.25	1,249.81
		For Class 52 Rating, Deduct	*-772.38*	
		For Class 54 Rating, Add	*526.62*	
		For Class 55 Rating, Add	*1,170.50*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,117.22	1,252.70
		For Class 52 Rating, Deduct	*-794.11*	
		For Class 54 Rating, Add	*541.44*	
		For Class 55 Rating, Add	*1,203.44*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,319.20	1,255.59
		For Class 52 Rating, Deduct	*-815.85*	
		For Class 54 Rating, Add	*556.26*	
		For Class 55 Rating, Add	*1,236.38*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,520.37	1,258.47
		For Class 52 Rating, Deduct	*-837.50*	
		For Class 54 Rating, Add	*571.02*	
		For Class 55 Rating, Add	*1,269.19*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,723.15	1,261.36
		For Class 52 Rating, Deduct	*-859.32*	
		For Class 54 Rating, Add	*585.90*	
		For Class 55 Rating, Add	*1,302.26*	
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,925.13	1,264.24
		For Class 52 Rating, Deduct	*-881.06*	
		For Class 54 Rating, Add	*600.72*	
		For Class 55 Rating, Add	*1,335.20*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,127.10	1,267.13
		For Class 52 Rating, Deduct	*-902.79*	
		For Class 54 Rating, Add	*615.54*	
		For Class 55 Rating, Add	*1,368.14*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,329.07	1,270.01
		For Class 52 Rating, Deduct	*-924.53*	
		For Class 54 Rating, Add	*630.36*	
		For Class 55 Rating, Add	*1,401.08*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,531.04	1,272.90
		For Class 52 Rating, Deduct	*-946.26*	
		For Class 54 Rating, Add	*645.18*	
		For Class 55 Rating, Add	*1,434.02*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,733.02	1,275.79
		For Class 52 Rating, Deduct	*-968.00*	
		For Class 54 Rating, Add	*660.00*	
		For Class 55 Rating, Add	*1,466.96*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,934.99	1,278.67
		For Class 52 Rating, Deduct	*-989.74*	
		For Class 54 Rating, Add	*674.82*	
		For Class 55 Rating, Add	*1,499.90*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,136.96	1,281.57
		For Class 52 Rating, Deduct	*-1,011.47*	
		For Class 54 Rating, Add	*689.64*	
		For Class 55 Rating, Add	*1,532.84*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,338.93	1,284.45
		For Class 52 Rating, Deduct	*-1,033.21*	
		For Class 54 Rating, Add	*704.46*	
		For Class 55 Rating, Add	*1,565.78*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,540.91	1,287.34
		For Class 52 Rating, Deduct	*-1,054.94*	
		For Class 54 Rating, Add	*719.28*	
		For Class 55 Rating, Add	*1,598.72*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,742.88	1,290.22
		For Class 52 Rating, Deduct	*-1,076.68*	
		For Class 54 Rating, Add	*734.10*	
		For Class 55 Rating, Add	*1,631.66*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,944.85	1,293.11
		For Class 52 Rating, Deduct	*-1,098.42*	
		For Class 54 Rating, Add	*748.92*	
		For Class 55 Rating, Add	*1,664.60*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,146.82	1,296.00
		For Class 52 Rating, Deduct	*-1,120.15*	
		For Class 54 Rating, Add	*763.74*	
		For Class 55 Rating, Add	*1,697.54*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,392.48	1,506.70
		For Class 52 Rating, Deduct	*-452.06*	
		For Class 54 Rating, Add	*308.22*	
		For Class 55 Rating, Add	*685.07*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,665.66	1,509.59
		For Class 52 Rating, Deduct	*-481.62*	
		For Class 54 Rating, Add	*328.38*	
		For Class 55 Rating, Add	*729.88*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,938.83	1,512.47
		For Class 52 Rating, Deduct	*-511.19*	
		For Class 54 Rating, Add	*348.54*	
		For Class 55 Rating, Add	*774.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,212.00	1,515.36
		For Class 52 Rating, Deduct	*-540.76*	
		For Class 54 Rating, Add	*368.70*	
		For Class 55 Rating, Add	*819.50*	
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,485.17	1,518.24
		For Class 52 Rating, Deduct	*-570.33*	
		For Class 54 Rating, Add	*388.86*	
		For Class 55 Rating, Add	*864.31*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,758.35	1,521.13
		For Class 52 Rating, Deduct	*-599.90*	
		For Class 54 Rating, Add	*409.02*	
		For Class 55 Rating, Add	*909.12*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,031.52	1,524.03
		For Class 52 Rating, Deduct	*-629.46*	
		For Class 54 Rating, Add	*429.18*	
		For Class 55 Rating, Add	*953.92*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,304.69	1,526.91
		For Class 52 Rating, Deduct	*-659.03*	
		For Class 54 Rating, Add	*449.34*	
		For Class 55 Rating, Add	*998.73*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,577.86	1,529.80
		For Class 52 Rating, Deduct	*-688.60*	
		For Class 54 Rating, Add	*469.50*	
		For Class 55 Rating, Add	*1,043.54*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,851.05	1,532.68
		For Class 52 Rating, Deduct	*-718.17*	
		For Class 54 Rating, Add	*489.66*	
		For Class 55 Rating, Add	*1,088.35*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,124.22	1,535.57
		For Class 52 Rating, Deduct	*-747.74*	
		For Class 54 Rating, Add	*509.82*	
		For Class 55 Rating, Add	*1,133.16*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,397.39	1,538.45
		For Class 52 Rating, Deduct	*-777.30*	
		For Class 54 Rating, Add	*529.98*	
		For Class 55 Rating, Add	*1,177.97*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,670.56	1,541.34
		For Class 52 Rating, Deduct	*-806.87*	
		For Class 54 Rating, Add	*550.14*	
		For Class 55 Rating, Add	*1,222.78*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,943.74	1,544.22
		For Class 52 Rating, Deduct	*-836.44*	
		For Class 54 Rating, Add	*570.30*	
		For Class 55 Rating, Add	*1,267.59*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,216.91	1,547.11
		For Class 52 Rating, Deduct	*-866.01*	
		For Class 54 Rating, Add	*590.46*	
		For Class 55 Rating, Add	*1,312.40*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,490.08	1,550.00
		For Class 52 Rating, Deduct	*-895.58*	
		For Class 54 Rating, Add	*610.62*	
		For Class 55 Rating, Add	*1,357.20*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,763.25	1,552.88
		For Class 52 Rating, Deduct	*-925.14*	
		For Class 54 Rating, Add	*630.78*	
		For Class 55 Rating, Add	*1,402.01*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,036.43	1,555.77
		For Class 52 Rating, Deduct	*-954.71*	
		For Class 54 Rating, Add	*650.94*	
		For Class 55 Rating, Add	*1,446.82*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,309.60	1,558.65
		For Class 52 Rating, Deduct	*-984.28*	
		For Class 54 Rating, Add	*671.10*	
		For Class 55 Rating, Add	*1,491.63*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,582.77	1,561.54
		For Class 52 Rating, Deduct	*-1,013.85*	
		For Class 54 Rating, Add	*691.26*	
		For Class 55 Rating, Add	*1,536.44*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,855.94	1,564.43
		For Class 52 Rating, Deduct	*-1,043.42*	
		For Class 54 Rating, Add	*711.42*	
		For Class 55 Rating, Add	*1,581.25*	
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,129.12	1,567.32
		For Class 52 Rating, Deduct	*-1,072.98*	
		For Class 54 Rating, Add	*731.58*	
		For Class 55 Rating, Add	*1,626.06*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,402.30	1,570.21
		For Class 52 Rating, Deduct	*-1,102.55*	
		For Class 54 Rating, Add	*751.74*	
		For Class 55 Rating, Add	*1,670.87*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,675.47	1,573.09
		For Class 52 Rating, Deduct	*-1,132.12*	
		For Class 54 Rating, Add	*771.90*	
		For Class 55 Rating, Add	*1,715.68*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,948.65	1,575.98
		For Class 52 Rating, Deduct	*-1,161.69*	
		For Class 54 Rating, Add	*792.06*	
		For Class 55 Rating, Add	*1,760.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,221.82	1,578.86
		For Class 52 Rating, Deduct	*-1,191.26*	
		For Class 54 Rating, Add	*812.22*	
		For Class 55 Rating, Add	*1,805.29*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,494.99	1,581.75
		For Class 52 Rating, Deduct	*-1,220.82*	
		For Class 54 Rating, Add	*832.38*	
		For Class 55 Rating, Add	*1,850.10*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,768.16	1,584.63
		For Class 52 Rating, Deduct	*-1,250.39*	
		For Class 54 Rating, Add	*852.54*	
		For Class 55 Rating, Add	*1,894.91*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,041.34	1,587.52
		For Class 52 Rating, Deduct	*-1,279.96*	
		For Class 54 Rating, Add	*872.70*	
		For Class 55 Rating, Add	*1,939.72*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,314.51	1,590.41
		For Class 52 Rating, Deduct	*-1,309.53*	
		For Class 54 Rating, Add	*892.86*	
		For Class 55 Rating, Add	*1,984.53*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,587.68	1,593.29
		For Class 52 Rating, Deduct	*-1,339.10*	
		For Class 54 Rating, Add	*913.02*	
		For Class 55 Rating, Add	*2,029.34*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,860.85	1,596.18
		For Class 52 Rating, Deduct	*-1,368.66*	
		For Class 54 Rating, Add	*933.18*	
		For Class 55 Rating, Add	*2,074.15*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,134.03	1,599.06
		For Class 52 Rating, Deduct	*-1,398.23*	
		For Class 54 Rating, Add	*953.34*	
		For Class 55 Rating, Add	*2,118.96*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,407.20	1,601.95
		For Class 52 Rating, Deduct	*-1,427.80*	
		For Class 54 Rating, Add	*973.50*	
		For Class 55 Rating, Add	*2,163.77*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,680.37	1,604.84
		For Class 52 Rating, Deduct	*-1,457.37*	
		For Class 54 Rating, Add	*993.66*	
		For Class 55 Rating, Add	*2,208.57*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,953.54	1,607.73
		For Class 52 Rating, Deduct	*-1,486.94*	
		For Class 54 Rating, Add	*1,013.82*	
		For Class 55 Rating, Add	*2,253.38*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,226.73	1,610.62
		For Class 52 Rating, Deduct	*-1,516.50*	
		For Class 54 Rating, Add	*1,033.98*	
		For Class 55 Rating, Add	*2,298.19*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,499.90	1,613.50
		For Class 52 Rating, Deduct	*-1,546.07*	
		For Class 54 Rating, Add	*1,054.14*	
		For Class 55 Rating, Add	*2,343.00*	

40 05 19 00-0476 42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,360.06	1,899.26
		For Class 52 Rating, Deduct	*-603.06*	
		For Class 54 Rating, Add	*411.18*	
		For Class 55 Rating, Add	*913.92*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,766.03	1,902.14
		For Class 52 Rating, Deduct	*-647.24*	
		For Class 54 Rating, Add	*441.30*	
		For Class 55 Rating, Add	*980.86*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,167.20	1,905.03
		For Class 52 Rating, Deduct	*-690.89*	
		For Class 54 Rating, Add	*471.06*	
		For Class 55 Rating, Add	*1,047.01*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,572.37	1,907.91
		For Class 52 Rating, Deduct	*-734.98*	
		For Class 54 Rating, Add	*501.12*	
		For Class 55 Rating, Add	*1,113.82*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,973.55	1,910.80
		For Class 52 Rating, Deduct	*-778.62*	
		For Class 54 Rating, Add	*530.88*	
		For Class 55 Rating, Add	*1,179.97*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,379.52	1,913.68
		For Class 52 Rating, Deduct	*-822.80*	
		For Class 54 Rating, Add	*561.00*	
		For Class 55 Rating, Add	*1,246.92*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,779.89	1,916.57
		For Class 52 Rating, Deduct	*-866.36*	
		For Class 54 Rating, Add	*590.70*	
		For Class 55 Rating, Add	*1,312.93*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,185.87	1,919.45
		For Class 52 Rating, Deduct	*-910.54*	
		For Class 54 Rating, Add	*620.82*	
		For Class 55 Rating, Add	*1,379.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,587.05	1,922.34
		For Class 52 Rating, Deduct	*-954.18*	
		For Class 54 Rating, Add	*650.58*	
		For Class 55 Rating, Add	*1,446.02*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,992.22	1,925.23
		For Class 52 Rating, Deduct	*-998.27*	
		For Class 54 Rating, Add	*680.64*	
		For Class 55 Rating, Add	*1,512.84*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,393.39	1,928.11
		For Class 52 Rating, Deduct	*-1,041.92*	
		For Class 54 Rating, Add	*710.40*	
		For Class 55 Rating, Add	*1,578.98*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,798.56	1,931.01
		For Class 52 Rating, Deduct	*-1,086.01*	
		For Class 54 Rating, Add	*740.46*	
		For Class 55 Rating, Add	*1,645.80*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,199.74	1,933.89
		For Class 52 Rating, Deduct	*-1,129.66*	
		For Class 54 Rating, Add	*770.22*	
		For Class 55 Rating, Add	*1,711.94*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,601.71	1,936.78
		For Class 52 Rating, Deduct	*-1,173.39*	
		For Class 54 Rating, Add	*800.04*	
		For Class 55 Rating, Add	*1,778.22*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,006.08	1,939.66
		For Class 52 Rating, Deduct	*-1,217.39*	
		For Class 54 Rating, Add	*830.04*	
		For Class 55 Rating, Add	*1,844.90*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,407.25	1,942.55
		For Class 52 Rating, Deduct	*-1,261.04*	
		For Class 54 Rating, Add	*859.80*	
		For Class 55 Rating, Add	*1,911.05*	
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,813.23	1,945.44
		For Class 52 Rating, Deduct	*-1,305.22*	
		For Class 54 Rating, Add	*889.92*	
		For Class 55 Rating, Add	*1,978.00*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,214.40	1,948.32
		For Class 52 Rating, Deduct	*-1,348.86*	
		For Class 54 Rating, Add	*919.68*	
		For Class 55 Rating, Add	*2,044.14*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,619.57	1,951.21
		For Class 52 Rating, Deduct	*-1,392.95*	
		For Class 54 Rating, Add	*949.74*	
		For Class 55 Rating, Add	*2,110.96*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,020.74	1,954.09
		For Class 52 Rating, Deduct	*-1,436.60*	
		For Class 54 Rating, Add	*979.50*	
		For Class 55 Rating, Add	*2,177.10*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,426.72	1,956.98
		For Class 52 Rating, Deduct	*-1,480.78*	
		For Class 54 Rating, Add	*1,009.62*	
		For Class 55 Rating, Add	*2,244.05*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,827.90	1,959.86
		For Class 52 Rating, Deduct	*-1,524.42*	
		For Class 54 Rating, Add	*1,039.38*	
		For Class 55 Rating, Add	*2,310.20*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,233.07	1,962.75
		For Class 52 Rating, Deduct	*-1,568.51*	
		For Class 54 Rating, Add	*1,069.44*	
		For Class 55 Rating, Add	*2,377.01*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,634.25	1,965.64
		For Class 52 Rating, Deduct	*-1,612.16*	
		For Class 54 Rating, Add	*1,099.20*	
		For Class 55 Rating, Add	*2,443.16*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,040.22	1,968.52
		For Class 52 Rating, Deduct	*-1,656.34*	
		For Class 54 Rating, Add	*1,129.32*	
		For Class 55 Rating, Add	*2,510.10*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,441.39	1,971.42
		For Class 52 Rating, Deduct	*-1,699.98*	
		For Class 54 Rating, Add	*1,159.08*	
		For Class 55 Rating, Add	*2,576.25*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,845.76	1,974.30
		For Class 52 Rating, Deduct	*-1,743.98*	
		For Class 54 Rating, Add	*1,189.08*	
		For Class 55 Rating, Add	*2,642.93*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,247.74	1,977.19
		For Class 52 Rating, Deduct	*-1,787.72*	
		For Class 54 Rating, Add	*1,218.90*	
		For Class 55 Rating, Add	*2,709.21*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,568.91	1,980.07
		For Class 52 Rating, Deduct	*-1,822.57*	
		For Class 54 Rating, Add	*1,242.66*	
		For Class 55 Rating, Add	*2,762.02*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,054.08	1,982.96
		For Class 52 Rating, Deduct	*-1,875.46*	
		For Class 54 Rating, Add	*1,278.72*	
		For Class 55 Rating, Add	*2,842.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,455.25	1,985.85
		For Class 52 Rating, Deduct	*-1,919.10*	
		For Class 54 Rating, Add	*1,308.48*	
		For Class 55 Rating, Add	*2,908.31*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,860.43	1,988.73
		For Class 52 Rating, Deduct	*-1,963.19*	
		For Class 54 Rating, Add	*1,338.54*	
		For Class 55 Rating, Add	*2,975.13*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,261.60	1,991.62
		For Class 52 Rating, Deduct	*-2,006.84*	
		For Class 54 Rating, Add	*1,368.30*	
		For Class 55 Rating, Add	*3,041.27*	
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,667.57	1,994.50
		For Class 52 Rating, Deduct	*-2,051.02*	
		For Class 54 Rating, Add	*1,398.42*	
		For Class 55 Rating, Add	*3,108.22*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,067.95	1,997.39
		For Class 52 Rating, Deduct	*-2,094.58*	
		For Class 54 Rating, Add	*1,428.12*	
		For Class 55 Rating, Add	*3,174.23*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,473.93	2,000.27
		For Class 52 Rating, Deduct	*-2,138.75*	
		For Class 54 Rating, Add	*1,458.24*	
		For Class 55 Rating, Add	*3,241.18*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,875.10	2,003.16
		For Class 52 Rating, Deduct	*-2,182.40*	
		For Class 54 Rating, Add	*1,488.00*	
		For Class 55 Rating, Add	*3,307.33*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,280.27	2,006.05
		For Class 52 Rating, Deduct	*-2,226.49*	
		For Class 54 Rating, Add	*1,518.06*	
		For Class 55 Rating, Add	*3,374.14*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,490.35	2,387.06
		For Class 52 Rating, Deduct	*-756.10*	
		For Class 54 Rating, Add	*515.52*	
		For Class 55 Rating, Add	*1,145.83*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,079.53	2,389.94
		For Class 52 Rating, Deduct	*-820.42*	
		For Class 54 Rating, Add	*559.38*	
		For Class 55 Rating, Add	*1,243.32*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,667.90	2,392.83
		For Class 52 Rating, Deduct	*-884.66*	
		For Class 54 Rating, Add	*603.18*	
		For Class 55 Rating, Add	*1,340.67*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,261.07	2,395.71
		For Class 52 Rating, Deduct	*-949.43*	
		For Class 54 Rating, Add	*647.34*	
		For Class 55 Rating, Add	*1,438.82*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,850.24	2,398.60
		For Class 52 Rating, Deduct	*-1,013.76*	
		For Class 54 Rating, Add	*691.20*	
		For Class 55 Rating, Add	*1,536.31*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,439.42	2,401.49
		For Class 52 Rating, Deduct	*-1,078.09*	
		For Class 54 Rating, Add	*735.06*	
		For Class 55 Rating, Add	*1,633.79*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,031.79	2,404.37
		For Class 52 Rating, Deduct	*-1,142.77*	
		For Class 54 Rating, Add	*779.16*	
		For Class 55 Rating, Add	*1,731.81*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,621.76	2,407.26
		For Class 52 Rating, Deduct	*-1,207.18*	
		For Class 54 Rating, Add	*823.08*	
		For Class 55 Rating, Add	*1,829.43*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,210.13	2,410.14
		For Class 52 Rating, Deduct	*-1,271.42*	
		For Class 54 Rating, Add	*866.88*	
		For Class 55 Rating, Add	*1,926.79*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,803.31	2,413.03
		For Class 52 Rating, Deduct	*-1,336.19*	
		For Class 54 Rating, Add	*911.04*	
		For Class 55 Rating, Add	*2,024.94*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,392.48	2,415.91
		For Class 52 Rating, Deduct	*-1,400.52*	
		For Class 54 Rating, Add	*954.90*	
		For Class 55 Rating, Add	*2,122.42*	
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,985.65	2,418.81
		For Class 52 Rating, Deduct	*-1,465.29*	
		For Class 54 Rating, Add	*999.06*	
		For Class 55 Rating, Add	*2,220.58*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,574.02	2,421.70
		For Class 52 Rating, Deduct	*-1,529.53*	
		For Class 54 Rating, Add	*1,042.86*	
		For Class 55 Rating, Add	*2,317.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,163.21	2,424.58
		For Class 52 Rating, Deduct	*-1,593.86*	
		For Class 54 Rating, Add	*1,086.72*	
		For Class 55 Rating, Add	*2,415.42*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,756.38	2,427.47
		For Class 52 Rating, Deduct	*-1,658.62*	
		For Class 54 Rating, Add	*1,130.88*	
		For Class 55 Rating, Add	*2,513.57*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,345.55	2,430.35
		For Class 52 Rating, Deduct	*-1,722.95*	
		For Class 54 Rating, Add	*1,174.74*	
		For Class 55 Rating, Add	*2,611.06*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,933.92	2,433.24
		For Class 52 Rating, Deduct	*-1,787.19*	
		For Class 54 Rating, Add	*1,218.54*	
		For Class 55 Rating, Add	*2,708.41*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,527.10	2,436.12
		For Class 52 Rating, Deduct	*-1,851.96*	
		For Class 54 Rating, Add	*1,262.70*	
		For Class 55 Rating, Add	*2,806.56*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,116.27	2,439.01
		For Class 52 Rating, Deduct	*-1,916.29*	
		For Class 54 Rating, Add	*1,306.56*	
		For Class 55 Rating, Add	*2,904.05*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,704.64	2,441.90
		For Class 52 Rating, Deduct	*-1,980.53*	
		For Class 54 Rating, Add	*1,350.36*	
		For Class 55 Rating, Add	*3,001.40*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,297.82	2,444.78
		For Class 52 Rating, Deduct	*-2,045.30*	
		For Class 54 Rating, Add	*1,394.52*	
		For Class 55 Rating, Add	*3,099.55*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,887.79	2,447.67
		For Class 52 Rating, Deduct	*-2,109.71*	
		For Class 54 Rating, Add	*1,438.44*	
		For Class 55 Rating, Add	*3,197.17*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,476.16	2,450.55
		For Class 52 Rating, Deduct	*-2,173.95*	
		For Class 54 Rating, Add	*1,482.24*	
		For Class 55 Rating, Add	*3,294.53*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,069.33	2,453.44
		For Class 52 Rating, Deduct	*-2,238.72*	
		For Class 54 Rating, Add	*1,526.40*	
		For Class 55 Rating, Add	*3,392.68*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,658.51	2,456.32
		For Class 52 Rating, Deduct	*-2,303.05*	
		For Class 54 Rating, Add	*1,570.26*	
		For Class 55 Rating, Add	*3,490.16*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,246.88	2,459.22
		For Class 52 Rating, Deduct	*-2,367.29*	
		For Class 54 Rating, Add	*1,614.06*	
		For Class 55 Rating, Add	*3,587.52*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,840.06	2,462.11
		For Class 52 Rating, Deduct	*-2,432.06*	
		For Class 54 Rating, Add	*1,658.22*	
		For Class 55 Rating, Add	*3,685.67*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,429.23	2,464.99
		For Class 52 Rating, Deduct	*-2,496.38*	
		For Class 54 Rating, Add	*1,702.08*	
		For Class 55 Rating, Add	*3,783.16*	
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,946.41	2,467.88
		For Class 52 Rating, Deduct	*-2,552.79*	
		For Class 54 Rating, Add	*1,740.54*	
		For Class 55 Rating, Add	*3,868.64*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,611.58	2,470.76
		For Class 52 Rating, Deduct	*-2,625.48*	
		For Class 54 Rating, Add	*1,790.10*	
		For Class 55 Rating, Add	*3,978.80*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,199.95	2,473.65
		For Class 52 Rating, Deduct	*-2,689.72*	
		For Class 54 Rating, Add	*1,833.90*	
		For Class 55 Rating, Add	*4,076.15*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,793.92	2,476.53
		For Class 52 Rating, Deduct	*-2,754.58*	
		For Class 54 Rating, Add	*1,878.12*	
		For Class 55 Rating, Add	*4,174.43*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,382.30	2,479.42
		For Class 52 Rating, Deduct	*-2,818.82*	
		For Class 54 Rating, Add	*1,921.92*	
		For Class 55 Rating, Add	*4,271.79*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,970.67	2,482.30
		For Class 52 Rating, Deduct	*-2,883.06*	
		For Class 54 Rating, Add	*1,965.72*	
		For Class 55 Rating, Add	*4,369.14*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,564.64	2,485.19
		For Class 52 Rating, Deduct	*-2,947.91*	
		For Class 54 Rating, Add	*2,009.94*	
		For Class 55 Rating, Add	*4,467.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,153.01	2,488.08
		For Class 52 Rating, Deduct	*-3,012.15*	
		For Class 54 Rating, Add	*2,053.74*	
		For Class 55 Rating, Add	*4,564.78*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,742.19	2,490.96
		For Class 52 Rating, Deduct	*-3,076.48*	
		For Class 54 Rating, Add	*2,097.60*	
		For Class 55 Rating, Add	*4,662.27*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,335.36	2,493.85
		For Class 52 Rating, Deduct	*-3,141.25*	
		For Class 54 Rating, Add	*2,141.76*	
		For Class 55 Rating, Add	*4,760.42*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	336.12	132.09
		For Class 52 Rating, Deduct	*-14.96*	
		For Class 54 Rating, Add	*10.20*	
		For Class 55 Rating, Add	*22.67*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	360.42	134.39
		For Class 52 Rating, Deduct	*-17.25*	
		For Class 54 Rating, Add	*11.76*	
		For Class 55 Rating, Add	*26.14*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	384.72	136.70
		For Class 52 Rating, Deduct	*-19.54*	
		For Class 54 Rating, Add	*13.32*	
		For Class 55 Rating, Add	*29.61*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	409.02	139.01
		For Class 52 Rating, Deduct	*-21.82*	
		For Class 54 Rating, Add	*14.88*	
		For Class 55 Rating, Add	*33.07*	
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	433.32	141.32
		For Class 52 Rating, Deduct	*-24.11*	
		For Class 54 Rating, Add	*16.44*	
		For Class 55 Rating, Add	*36.54*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	457.61	143.63
		For Class 52 Rating, Deduct	*-26.40*	
		For Class 54 Rating, Add	*18.00*	
		For Class 55 Rating, Add	*40.01*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	481.92	145.94
		For Class 52 Rating, Deduct	*-28.69*	
		For Class 54 Rating, Add	*19.56*	
		For Class 55 Rating, Add	*43.48*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	506.22	148.24
		For Class 52 Rating, Deduct	*-30.98*	
		For Class 54 Rating, Add	*21.12*	
		For Class 55 Rating, Add	*46.94*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	530.51	150.56
		For Class 52 Rating, Deduct	*-33.26*	
		For Class 54 Rating, Add	*22.68*	
		For Class 55 Rating, Add	*50.41*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	554.81	152.87
		For Class 52 Rating, Deduct	*-35.55*	
		For Class 54 Rating, Add	*24.24*	
		For Class 55 Rating, Add	*53.88*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	579.11	155.17
		For Class 52 Rating, Deduct	*-37.84*	
		For Class 54 Rating, Add	*25.80*	
		For Class 55 Rating, Add	*57.34*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	603.41	157.48
		For Class 52 Rating, Deduct	*-40.13*	
		For Class 54 Rating, Add	*27.36*	
		For Class 55 Rating, Add	*60.81*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	627.71	159.80
		For Class 52 Rating, Deduct	*-42.42*	
		For Class 54 Rating, Add	*28.92*	
		For Class 55 Rating, Add	*64.28*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	652.01	162.10
		For Class 52 Rating, Deduct	*-44.70*	
		For Class 54 Rating, Add	*30.48*	
		For Class 55 Rating, Add	*67.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	676.30	164.41
		For Class 52 Rating, Deduct	*-46.99*	
		For Class 54 Rating, Add	*32.04*	
		For Class 55 Rating, Add	*71.21*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	700.60	166.73
		For Class 52 Rating, Deduct	*-49.28*	
		For Class 54 Rating, Add	*33.60*	
		For Class 55 Rating, Add	*74.68*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	724.91	169.03
		For Class 52 Rating, Deduct	*-51.57*	
		For Class 54 Rating, Add	*35.16*	
		For Class 55 Rating, Add	*78.15*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	749.20	171.34
		For Class 52 Rating, Deduct	*-53.86*	
		For Class 54 Rating, Add	*36.72*	
		For Class 55 Rating, Add	*81.62*	
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	773.50	173.64
		For Class 52 Rating, Deduct	*-56.14*	
		For Class 54 Rating, Add	*38.28*	
		For Class 55 Rating, Add	*85.08*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	797.80	175.96
		For Class 52 Rating, Deduct	*-58.43*	
		For Class 54 Rating, Add	*39.84*	
		For Class 55 Rating, Add	*88.55*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	822.09	178.27
		For Class 52 Rating, Deduct	*-60.72*	
		For Class 54 Rating, Add	*41.40*	
		For Class 55 Rating, Add	*92.02*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	846.40	180.57
		For Class 52 Rating, Deduct	*-63.01*	
		For Class 54 Rating, Add	*42.96*	
		For Class 55 Rating, Add	*95.49*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	870.70	182.88
		For Class 52 Rating, Deduct	*-65.30*	
		For Class 54 Rating, Add	*44.52*	
		For Class 55 Rating, Add	*98.95*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	894.99	185.20
		For Class 52 Rating, Deduct	*-67.58*	
		For Class 54 Rating, Add	*46.08*	
		For Class 55 Rating, Add	*102.42*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	919.29	187.50
		For Class 52 Rating, Deduct	*-69.87*	
		For Class 54 Rating, Add	*47.64*	
		For Class 55 Rating, Add	*105.89*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	943.59	189.81
		For Class 52 Rating, Deduct	*-72.16*	
		For Class 54 Rating, Add	*49.20*	
		For Class 55 Rating, Add	*109.36*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	967.89	192.12
		For Class 52 Rating, Deduct	*-74.45*	
		For Class 54 Rating, Add	*50.76*	
		For Class 55 Rating, Add	*112.82*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	992.19	194.43
		For Class 52 Rating, Deduct	*-76.74*	
		For Class 54 Rating, Add	*52.32*	
		For Class 55 Rating, Add	*116.29*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,016.49	196.74
		For Class 52 Rating, Deduct	*-79.02*	
		For Class 54 Rating, Add	*53.88*	
		For Class 55 Rating, Add	*119.76*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,040.78	199.05
		For Class 52 Rating, Deduct	*-81.31*	
		For Class 54 Rating, Add	*55.44*	
		For Class 55 Rating, Add	*123.22*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,065.08	201.35
		For Class 52 Rating, Deduct	*-83.60*	
		For Class 54 Rating, Add	*57.00*	
		For Class 55 Rating, Add	*126.69*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,089.39	203.67
		For Class 52 Rating, Deduct	*-85.89*	
		For Class 54 Rating, Add	*58.56*	
		For Class 55 Rating, Add	*130.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,113.68	205.98
		For Class 52 Rating, Deduct	*-88.18*	
		For Class 54 Rating, Add	*60.12*	
		For Class 55 Rating, Add	*133.63*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,137.98	208.28
		For Class 52 Rating, Deduct	*-90.46*	
		For Class 54 Rating, Add	*61.68*	
		For Class 55 Rating, Add	*137.09*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,162.28	210.59
		For Class 52 Rating, Deduct	*-92.75*	
		For Class 54 Rating, Add	*63.24*	
		For Class 55 Rating, Add	*140.56*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,186.58	212.91
		For Class 52 Rating, Deduct	*-95.04*	
		For Class 54 Rating, Add	*64.80*	
		For Class 55 Rating, Add	*144.03*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,210.88	215.21
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,235.18	217.52
		For Class 52 Rating, Deduct	*-99.62*	
		For Class 54 Rating, Add	*67.92*	
		For Class 55 Rating, Add	*150.96*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,259.47	219.83
		For Class 52 Rating, Deduct	*-101.90*	
		For Class 54 Rating, Add	*69.48*	
		For Class 55 Rating, Add	*154.43*	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	420.70	166.25
		For Class 52 Rating, Deduct	*-18.57*	
		For Class 54 Rating, Add	*12.66*	
		For Class 55 Rating, Add	*28.14*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	449.80	168.57
		For Class 52 Rating, Deduct	*-21.38*	
		For Class 54 Rating, Add	*14.58*	
		For Class 55 Rating, Add	*32.41*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	478.90	170.87
		For Class 52 Rating, Deduct	*-24.20*	
		For Class 54 Rating, Add	*16.50*	
		For Class 55 Rating, Add	*36.67*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	508.00	173.18
		For Class 52 Rating, Deduct	*-27.02*	
		For Class 54 Rating, Add	*18.42*	
		For Class 55 Rating, Add	*40.94*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	537.10	175.50
		For Class 52 Rating, Deduct	*-29.83*	
		For Class 54 Rating, Add	*20.34*	
		For Class 55 Rating, Add	*45.21*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	566.20	177.80
		For Class 52 Rating, Deduct	*-32.65*	
		For Class 54 Rating, Add	*22.26*	
		For Class 55 Rating, Add	*49.48*	
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	595.29	180.11
		For Class 52 Rating, Deduct	*-35.46*	
		For Class 54 Rating, Add	*24.18*	
		For Class 55 Rating, Add	*53.74*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	624.39	182.42
		For Class 52 Rating, Deduct	*-38.28*	
		For Class 54 Rating, Add	*26.10*	
		For Class 55 Rating, Add	*58.01*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	653.50	184.73
		For Class 52 Rating, Deduct	*-41.10*	
		For Class 54 Rating, Add	*28.02*	
		For Class 55 Rating, Add	*62.28*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	682.59	187.04
		For Class 52 Rating, Deduct	*-43.91*	
		For Class 54 Rating, Add	*29.94*	
		For Class 55 Rating, Add	*66.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	711.69	189.35
		For Class 52 Rating, Deduct	*-46.73*	
		For Class 54 Rating, Add	*31.86*	
		For Class 55 Rating, Add	*70.81*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	740.79	191.65
		For Class 52 Rating, Deduct	*-49.54*	
		For Class 54 Rating, Add	*33.78*	
		For Class 55 Rating, Add	*75.08*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	769.88	193.97
		For Class 52 Rating, Deduct	*-52.36*	
		For Class 54 Rating, Add	*35.70*	
		For Class 55 Rating, Add	*79.35*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	798.99	196.28
		For Class 52 Rating, Deduct	*-55.18*	
		For Class 54 Rating, Add	*37.62*	
		For Class 55 Rating, Add	*83.62*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	828.09	198.58
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	857.18	200.89
		For Class 52 Rating, Deduct	*-60.81*	
		For Class 54 Rating, Add	*41.46*	
		For Class 55 Rating, Add	*92.15*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	886.28	203.21
		For Class 52 Rating, Deduct	*-63.62*	
		For Class 54 Rating, Add	*43.38*	
		For Class 55 Rating, Add	*96.42*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	915.38	205.51
		For Class 52 Rating, Deduct	*-66.44*	
		For Class 54 Rating, Add	*45.30*	
		For Class 55 Rating, Add	*100.69*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	944.48	207.82
		For Class 52 Rating, Deduct	*-69.26*	
		For Class 54 Rating, Add	*47.22*	
		For Class 55 Rating, Add	*104.95*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	973.58	210.13
		For Class 52 Rating, Deduct	*-72.07*	
		For Class 54 Rating, Add	*49.14*	
		For Class 55 Rating, Add	*109.22*	
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,002.68	212.44
		For Class 52 Rating, Deduct	*-74.89*	
		For Class 54 Rating, Add	*51.06*	
		For Class 55 Rating, Add	*113.49*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,031.77	214.75
		For Class 52 Rating, Deduct	*-77.70*	
		For Class 54 Rating, Add	*52.98*	
		For Class 55 Rating, Add	*117.76*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.87	217.06
		For Class 52 Rating, Deduct	*-80.52*	
		For Class 54 Rating, Add	*54.90*	
		For Class 55 Rating, Add	*122.02*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,089.98	219.36
		For Class 52 Rating, Deduct	*-83.34*	
		For Class 54 Rating, Add	*56.82*	
		For Class 55 Rating, Add	*126.29*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,119.07	221.68
		For Class 52 Rating, Deduct	*-86.15*	
		For Class 54 Rating, Add	*58.74*	
		For Class 55 Rating, Add	*130.56*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,148.17	223.99
		For Class 52 Rating, Deduct	*-88.97*	
		For Class 54 Rating, Add	*60.66*	
		For Class 55 Rating, Add	*134.83*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,177.27	226.29
		For Class 52 Rating, Deduct	*-91.78*	
		For Class 54 Rating, Add	*62.58*	
		For Class 55 Rating, Add	*139.09*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,206.37	228.60
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0624		EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,235.47	230.92
			For Class 52 Rating, Deduct	*-97.42*	
			For Class 54 Rating, Add	*66.42*	
			For Class 55 Rating, Add	*147.63*	
40 05 19 00-0625		EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,264.57	233.22
			For Class 52 Rating, Deduct	*-100.23*	
			For Class 54 Rating, Add	*68.34*	
			For Class 55 Rating, Add	*151.90*	
40 05 19 00-0626		EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,293.66	235.53
			For Class 52 Rating, Deduct	*-103.05*	
			For Class 54 Rating, Add	*70.26*	
			For Class 55 Rating, Add	*156.16*	
40 05 19 00-0627		EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,322.76	237.83
			For Class 52 Rating, Deduct	*-105.86*	
			For Class 54 Rating, Add	*72.18*	
			For Class 55 Rating, Add	*160.43*	
40 05 19 00-0628		EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.87	240.15
			For Class 52 Rating, Deduct	*-108.68*	
			For Class 54 Rating, Add	*74.10*	
			For Class 55 Rating, Add	*164.70*	
40 05 19 00-0629		EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,380.96	242.46
			For Class 52 Rating, Deduct	*-111.50*	
			For Class 54 Rating, Add	*76.02*	
			For Class 55 Rating, Add	*168.97*	
40 05 19 00-0630		EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,410.06	244.76
			For Class 52 Rating, Deduct	*-114.31*	
			For Class 54 Rating, Add	*77.94*	
			For Class 55 Rating, Add	*173.23*	
40 05 19 00-0631		EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,439.16	247.07
			For Class 52 Rating, Deduct	*-117.13*	
			For Class 54 Rating, Add	*79.86*	
			For Class 55 Rating, Add	*177.50*	
40 05 19 00-0632		EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,468.25	249.39
			For Class 52 Rating, Deduct	*-119.94*	
			For Class 54 Rating, Add	*81.78*	
			For Class 55 Rating, Add	*181.77*	
40 05 19 00-0633		EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,497.36	251.69
			For Class 52 Rating, Deduct	*-122.76*	
			For Class 54 Rating, Add	*83.70*	
			For Class 55 Rating, Add	*186.04*	
40 05 19 00-0634		EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,526.46	254.00
			For Class 52 Rating, Deduct	*-125.58*	
			For Class 54 Rating, Add	*85.62*	
			For Class 55 Rating, Add	*190.30*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636		EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	568.28	212.44
			For Class 52 Rating, Deduct	*-27.10*	
			For Class 54 Rating, Add	*18.48*	
			For Class 55 Rating, Add	*41.07*	
40 05 19 00-0637		EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	606.97	214.75
			For Class 52 Rating, Deduct	*-30.98*	
			For Class 54 Rating, Add	*21.12*	
			For Class 55 Rating, Add	*46.94*	
40 05 19 00-0638		EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	645.67	217.06
			For Class 52 Rating, Deduct	*-34.85*	
			For Class 54 Rating, Add	*23.76*	
			For Class 55 Rating, Add	*52.81*	
40 05 19 00-0639		EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	684.38	219.36
			For Class 52 Rating, Deduct	*-38.72*	
			For Class 54 Rating, Add	*26.40*	
			For Class 55 Rating, Add	*58.68*	
40 05 19 00-0640		EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	723.07	221.68
			For Class 52 Rating, Deduct	*-42.59*	
			For Class 54 Rating, Add	*29.04*	
			For Class 55 Rating, Add	*64.55*	
40 05 19 00-0641		EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	761.77	223.99
			For Class 52 Rating, Deduct	*-46.46*	
			For Class 54 Rating, Add	*31.68*	
			For Class 55 Rating, Add	*70.41*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	800.47	226.29
		For Class 52 Rating, Deduct	*-50.34*	
		For Class 54 Rating, Add	*34.32*	
		For Class 55 Rating, Add	*76.28*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	839.17	228.60
		For Class 52 Rating, Deduct	*-54.21*	
		For Class 54 Rating, Add	*36.96*	
		For Class 55 Rating, Add	*82.15*	
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	877.87	230.92
		For Class 52 Rating, Deduct	*-58.08*	
		For Class 54 Rating, Add	*39.60*	
		For Class 55 Rating, Add	*88.02*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	916.57	233.22
		For Class 52 Rating, Deduct	*-61.95*	
		For Class 54 Rating, Add	*42.24*	
		For Class 55 Rating, Add	*93.89*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	955.26	235.53
		For Class 52 Rating, Deduct	*-65.82*	
		For Class 54 Rating, Add	*44.88*	
		For Class 55 Rating, Add	*99.75*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	993.96	237.83
		For Class 52 Rating, Deduct	*-69.70*	
		For Class 54 Rating, Add	*47.52*	
		For Class 55 Rating, Add	*105.62*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,032.67	240.15
		For Class 52 Rating, Deduct	*-73.57*	
		For Class 54 Rating, Add	*50.16*	
		For Class 55 Rating, Add	*111.49*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,071.36	242.46
		For Class 52 Rating, Deduct	*-77.44*	
		For Class 54 Rating, Add	*52.80*	
		For Class 55 Rating, Add	*117.36*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,110.06	244.76
		For Class 52 Rating, Deduct	*-81.31*	
		For Class 54 Rating, Add	*55.44*	
		For Class 55 Rating, Add	*123.22*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,148.76	247.07
		For Class 52 Rating, Deduct	*-85.18*	
		For Class 54 Rating, Add	*58.08*	
		For Class 55 Rating, Add	*129.09*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,187.45	249.39
		For Class 52 Rating, Deduct	*-89.06*	
		For Class 54 Rating, Add	*60.72*	
		For Class 55 Rating, Add	*134.96*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.16	251.69
		For Class 52 Rating, Deduct	*-92.93*	
		For Class 54 Rating, Add	*63.36*	
		For Class 55 Rating, Add	*140.83*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,264.86	254.00
		For Class 52 Rating, Deduct	*-96.80*	
		For Class 54 Rating, Add	*66.00*	
		For Class 55 Rating, Add	*146.70*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,303.55	256.32
		For Class 52 Rating, Deduct	*-100.67*	
		For Class 54 Rating, Add	*68.64*	
		For Class 55 Rating, Add	*152.56*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,342.25	258.62
		For Class 52 Rating, Deduct	*-104.54*	
		For Class 54 Rating, Add	*71.28*	
		For Class 55 Rating, Add	*158.43*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,380.95	260.93
		For Class 52 Rating, Deduct	*-108.42*	
		For Class 54 Rating, Add	*73.92*	
		For Class 55 Rating, Add	*164.30*	
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,419.65	263.24
		For Class 52 Rating, Deduct	*-112.29*	
		For Class 54 Rating, Add	*76.56*	
		For Class 55 Rating, Add	*170.17*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,458.35	265.55
		For Class 52 Rating, Deduct	*-116.16*	
		For Class 54 Rating, Add	*79.20*	
		For Class 55 Rating, Add	*176.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,497.05	267.86
		For Class 52 Rating, Deduct	*-120.03*	
		For Class 54 Rating, Add	*81.84*	
		For Class 55 Rating, Add	*181.90*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,535.74	270.17
		For Class 52 Rating, Deduct	*-123.90*	
		For Class 54 Rating, Add	*84.48*	
		For Class 55 Rating, Add	*187.77*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,574.44	272.47
		For Class 52 Rating, Deduct	*-127.78*	
		For Class 54 Rating, Add	*87.12*	
		For Class 55 Rating, Add	*193.64*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,613.14	274.79
		For Class 52 Rating, Deduct	*-131.65*	
		For Class 54 Rating, Add	*89.76*	
		For Class 55 Rating, Add	*199.51*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,651.84	277.10
		For Class 52 Rating, Deduct	*-135.52*	
		For Class 54 Rating, Add	*92.40*	
		For Class 55 Rating, Add	*205.37*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,690.54	279.40
		For Class 52 Rating, Deduct	*-139.39*	
		For Class 54 Rating, Add	*95.04*	
		For Class 55 Rating, Add	*211.24*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,729.23	281.71
		For Class 52 Rating, Deduct	*-143.26*	
		For Class 54 Rating, Add	*97.68*	
		For Class 55 Rating, Add	*217.11*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,767.94	284.03
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*100.32*	
		For Class 55 Rating, Add	*222.98*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,806.64	286.33
		For Class 52 Rating, Deduct	*-151.01*	
		For Class 54 Rating, Add	*102.96*	
		For Class 55 Rating, Add	*228.85*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,845.33	288.64
		For Class 52 Rating, Deduct	*-154.88*	
		For Class 54 Rating, Add	*105.60*	
		For Class 55 Rating, Add	*234.71*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,884.03	290.95
		For Class 52 Rating, Deduct	*-158.75*	
		For Class 54 Rating, Add	*108.24*	
		For Class 55 Rating, Add	*240.58*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,922.73	293.26
		For Class 52 Rating, Deduct	*-162.62*	
		For Class 54 Rating, Add	*110.88*	
		For Class 55 Rating, Add	*246.45*	
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,961.43	295.57
		For Class 52 Rating, Deduct	*-166.50*	
		For Class 54 Rating, Add	*113.52*	
		For Class 55 Rating, Add	*252.32*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,000.13	297.88
		For Class 52 Rating, Deduct	*-170.37*	
		For Class 54 Rating, Add	*116.16*	
		For Class 55 Rating, Add	*258.18*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,038.83	300.18
		For Class 52 Rating, Deduct	*-174.24*	
		For Class 54 Rating, Add	*118.80*	
		For Class 55 Rating, Add	*264.05*	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	707.05	258.62
		For Class 52 Rating, Deduct	*-34.67*	
		For Class 54 Rating, Add	*23.64*	
		For Class 55 Rating, Add	*52.54*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	756.95	260.93
		For Class 52 Rating, Deduct	*-39.78*	
		For Class 54 Rating, Add	*27.12*	
		For Class 55 Rating, Add	*60.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	806.85	263.24
		For Class 52 Rating, Deduct	*-44.88*	
		For Class 54 Rating, Add	*30.60*	
		For Class 55 Rating, Add	*68.01*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	856.75	265.55
		For Class 52 Rating, Deduct	*-49.98*	
		For Class 54 Rating, Add	*34.08*	
		For Class 55 Rating, Add	*75.75*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	906.65	267.86
		For Class 52 Rating, Deduct	*-55.09*	
		For Class 54 Rating, Add	*37.56*	
		For Class 55 Rating, Add	*83.48*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	956.54	270.17
		For Class 52 Rating, Deduct	*-60.19*	
		For Class 54 Rating, Add	*41.04*	
		For Class 55 Rating, Add	*91.22*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,006.44	272.47
		For Class 52 Rating, Deduct	*-65.30*	
		For Class 54 Rating, Add	*44.52*	
		For Class 55 Rating, Add	*98.95*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,056.34	274.79
		For Class 52 Rating, Deduct	*-70.40*	
		For Class 54 Rating, Add	*48.00*	
		For Class 55 Rating, Add	*106.69*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,106.24	277.10
		For Class 52 Rating, Deduct	*-75.50*	
		For Class 54 Rating, Add	*51.48*	
		For Class 55 Rating, Add	*114.42*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,156.14	279.40
		For Class 52 Rating, Deduct	*-80.61*	
		For Class 54 Rating, Add	*54.96*	
		For Class 55 Rating, Add	*122.16*	
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,206.03	281.71
		For Class 52 Rating, Deduct	*-85.71*	
		For Class 54 Rating, Add	*58.44*	
		For Class 55 Rating, Add	*129.89*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,255.94	284.03
		For Class 52 Rating, Deduct	*-90.82*	
		For Class 54 Rating, Add	*61.92*	
		For Class 55 Rating, Add	*137.63*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,305.84	286.33
		For Class 52 Rating, Deduct	*-95.92*	
		For Class 54 Rating, Add	*65.40*	
		For Class 55 Rating, Add	*145.36*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,355.73	288.64
		For Class 52 Rating, Deduct	*-101.02*	
		For Class 54 Rating, Add	*68.88*	
		For Class 55 Rating, Add	*153.10*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,405.63	290.95
		For Class 52 Rating, Deduct	*-106.13*	
		For Class 54 Rating, Add	*72.36*	
		For Class 55 Rating, Add	*160.83*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,455.53	293.26
		For Class 52 Rating, Deduct	*-111.23*	
		For Class 54 Rating, Add	*75.84*	
		For Class 55 Rating, Add	*168.57*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,505.43	295.57
		For Class 52 Rating, Deduct	*-116.34*	
		For Class 54 Rating, Add	*79.32*	
		For Class 55 Rating, Add	*176.30*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,555.33	297.88
		For Class 52 Rating, Deduct	*-121.44*	
		For Class 54 Rating, Add	*82.80*	
		For Class 55 Rating, Add	*184.04*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,605.23	300.18
		For Class 52 Rating, Deduct	*-126.54*	
		For Class 54 Rating, Add	*86.28*	
		For Class 55 Rating, Add	*191.77*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,655.12	302.50
		For Class 52 Rating, Deduct	*-131.65*	
		For Class 54 Rating, Add	*89.76*	
		For Class 55 Rating, Add	*199.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,705.02	304.80
		For Class 52 Rating, Deduct	*-136.75*	
		For Class 54 Rating, Add	*93.24*	
		For Class 55 Rating, Add	*207.24*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,754.93	307.11
		For Class 52 Rating, Deduct	*-141.86*	
		For Class 54 Rating, Add	*96.72*	
		For Class 55 Rating, Add	*214.98*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,804.82	309.42
		For Class 52 Rating, Deduct	*-146.96*	
		For Class 54 Rating, Add	*100.20*	
		For Class 55 Rating, Add	*222.71*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,854.72	311.73
		For Class 52 Rating, Deduct	*-152.06*	
		For Class 54 Rating, Add	*103.68*	
		For Class 55 Rating, Add	*230.45*	
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,904.62	314.04
		For Class 52 Rating, Deduct	*-157.17*	
		For Class 54 Rating, Add	*107.16*	
		For Class 55 Rating, Add	*238.18*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,954.51	316.35
		For Class 52 Rating, Deduct	*-162.27*	
		For Class 54 Rating, Add	*110.64*	
		For Class 55 Rating, Add	*245.92*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,004.42	318.65
		For Class 52 Rating, Deduct	*-167.38*	
		For Class 54 Rating, Add	*114.12*	
		For Class 55 Rating, Add	*253.65*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,054.32	320.97
		For Class 52 Rating, Deduct	*-172.48*	
		For Class 54 Rating, Add	*117.60*	
		For Class 55 Rating, Add	*261.39*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,104.21	323.28
		For Class 52 Rating, Deduct	*-177.58*	
		For Class 54 Rating, Add	*121.08*	
		For Class 55 Rating, Add	*269.12*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,154.11	325.58
		For Class 52 Rating, Deduct	*-182.69*	
		For Class 54 Rating, Add	*124.56*	
		For Class 55 Rating, Add	*276.86*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,204.01	327.89
		For Class 52 Rating, Deduct	*-187.79*	
		For Class 54 Rating, Add	*128.04*	
		For Class 55 Rating, Add	*284.59*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,253.91	330.21
		For Class 52 Rating, Deduct	*-192.90*	
		For Class 54 Rating, Add	*131.52*	
		For Class 55 Rating, Add	*292.33*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,303.81	332.51
		For Class 52 Rating, Deduct	*-198.00*	
		For Class 54 Rating, Add	*135.00*	
		For Class 55 Rating, Add	*300.06*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,353.71	334.82
		For Class 52 Rating, Deduct	*-203.10*	
		For Class 54 Rating, Add	*138.48*	
		For Class 55 Rating, Add	*307.79*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,403.60	337.14
		For Class 52 Rating, Deduct	*-208.21*	
		For Class 54 Rating, Add	*141.96*	
		For Class 55 Rating, Add	*315.53*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,453.50	339.44
		For Class 52 Rating, Deduct	*-213.31*	
		For Class 54 Rating, Add	*145.44*	
		For Class 55 Rating, Add	*323.26*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,503.41	341.75
		For Class 52 Rating, Deduct	*-218.42*	
		For Class 54 Rating, Add	*148.92*	
		For Class 55 Rating, Add	*331.00*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,553.30	344.06
		For Class 52 Rating, Deduct	*-223.52*	
		For Class 54 Rating, Add	*152.40*	
		For Class 55 Rating, Add	*338.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,603.20	346.37
		For Class 52 Rating, Deduct	*-228.62*	
		For Class 54 Rating, Add	*155.88*	
		For Class 55 Rating, Add	*346.47*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	907.41	323.28
		For Class 52 Rating, Deduct	*-45.94*	
		For Class 54 Rating, Add	*31.32*	
		For Class 55 Rating, Add	*69.61*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	969.31	325.58
		For Class 52 Rating, Deduct	*-52.36*	
		For Class 54 Rating, Add	*35.70*	
		For Class 55 Rating, Add	*79.35*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,031.21	327.89
		For Class 52 Rating, Deduct	*-58.78*	
		For Class 54 Rating, Add	*40.08*	
		For Class 55 Rating, Add	*89.08*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,093.11	330.21
		For Class 52 Rating, Deduct	*-65.21*	
		For Class 54 Rating, Add	*44.46*	
		For Class 55 Rating, Add	*98.82*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,155.01	332.51
		For Class 52 Rating, Deduct	*-71.63*	
		For Class 54 Rating, Add	*48.84*	
		For Class 55 Rating, Add	*108.56*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,216.91	334.82
		For Class 52 Rating, Deduct	*-78.06*	
		For Class 54 Rating, Add	*53.22*	
		For Class 55 Rating, Add	*118.29*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,278.80	337.14
		For Class 52 Rating, Deduct	*-84.48*	
		For Class 54 Rating, Add	*57.60*	
		For Class 55 Rating, Add	*128.03*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,340.70	339.44
		For Class 52 Rating, Deduct	*-90.90*	
		For Class 54 Rating, Add	*61.98*	
		For Class 55 Rating, Add	*137.76*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,402.61	341.75
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,464.50	344.06
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,526.40	346.37
		For Class 52 Rating, Deduct	*-110.18*	
		For Class 54 Rating, Add	*75.12*	
		For Class 55 Rating, Add	*166.97*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,588.30	348.68
		For Class 52 Rating, Deduct	*-116.60*	
		For Class 54 Rating, Add	*79.50*	
		For Class 55 Rating, Add	*176.70*	
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,650.20	350.99
		For Class 52 Rating, Deduct	*-123.02*	
		For Class 54 Rating, Add	*83.88*	
		For Class 55 Rating, Add	*186.44*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,712.10	353.29
		For Class 52 Rating, Deduct	*-129.45*	
		For Class 54 Rating, Add	*88.26*	
		For Class 55 Rating, Add	*196.17*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,774.00	355.61
		For Class 52 Rating, Deduct	*-135.87*	
		For Class 54 Rating, Add	*92.64*	
		For Class 55 Rating, Add	*205.91*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,835.89	357.92
		For Class 52 Rating, Deduct	*-142.30*	
		For Class 54 Rating, Add	*97.02*	
		For Class 55 Rating, Add	*215.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,897.79	360.22
		For Class 52 Rating, Deduct	*-148.72*	
		For Class 54 Rating, Add	*101.40*	
		For Class 55 Rating, Add	*225.38*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,959.70	362.53
		For Class 52 Rating, Deduct	*-155.14*	
		For Class 54 Rating, Add	*105.78*	
		For Class 55 Rating, Add	*235.11*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,021.59	364.85
		For Class 52 Rating, Deduct	*-161.57*	
		For Class 54 Rating, Add	*110.16*	
		For Class 55 Rating, Add	*244.85*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,083.49	367.15
		For Class 52 Rating, Deduct	*-167.99*	
		For Class 54 Rating, Add	*114.54*	
		For Class 55 Rating, Add	*254.58*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,145.39	369.46
		For Class 52 Rating, Deduct	*-174.42*	
		For Class 54 Rating, Add	*118.92*	
		For Class 55 Rating, Add	*264.32*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,207.28	371.77
		For Class 52 Rating, Deduct	*-180.84*	
		For Class 54 Rating, Add	*123.30*	
		For Class 55 Rating, Add	*274.05*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,269.19	374.08
		For Class 52 Rating, Deduct	*-187.26*	
		For Class 54 Rating, Add	*127.68*	
		For Class 55 Rating, Add	*283.79*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,331.09	376.39
		For Class 52 Rating, Deduct	*-193.69*	
		For Class 54 Rating, Add	*132.06*	
		For Class 55 Rating, Add	*293.53*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,392.98	378.69
		For Class 52 Rating, Deduct	*-200.11*	
		For Class 54 Rating, Add	*136.44*	
		For Class 55 Rating, Add	*303.26*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,454.88	381.00
		For Class 52 Rating, Deduct	*-206.54*	
		For Class 54 Rating, Add	*140.82*	
		For Class 55 Rating, Add	*313.00*	
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,516.77	383.32
		For Class 52 Rating, Deduct	*-212.96*	
		For Class 54 Rating, Add	*145.20*	
		For Class 55 Rating, Add	*322.73*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,578.68	385.62
		For Class 52 Rating, Deduct	*-219.38*	
		For Class 54 Rating, Add	*149.58*	
		For Class 55 Rating, Add	*332.47*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,640.58	387.93
		For Class 52 Rating, Deduct	*-225.81*	
		For Class 54 Rating, Add	*153.96*	
		For Class 55 Rating, Add	*342.20*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,702.47	390.24
		For Class 52 Rating, Deduct	*-232.23*	
		For Class 54 Rating, Add	*158.34*	
		For Class 55 Rating, Add	*351.94*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,764.37	392.55
		For Class 52 Rating, Deduct	*-238.66*	
		For Class 54 Rating, Add	*162.72*	
		For Class 55 Rating, Add	*361.67*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,826.27	394.86
		For Class 52 Rating, Deduct	*-245.08*	
		For Class 54 Rating, Add	*167.10*	
		For Class 55 Rating, Add	*371.41*	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,888.17	397.17
		For Class 52 Rating, Deduct	*-251.50*	
		For Class 54 Rating, Add	*171.48*	
		For Class 55 Rating, Add	*381.14*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,950.07	399.47
		For Class 52 Rating, Deduct	*-257.93*	
		For Class 54 Rating, Add	*175.86*	
		For Class 55 Rating, Add	*390.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,011.97	401.79
		For Class 52 Rating, Deduct	*-264.35*	
		For Class 54 Rating, Add	*180.24*	
		For Class 55 Rating, Add	*400.61*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,073.86	404.10
		For Class 52 Rating, Deduct	*-270.78*	
		For Class 54 Rating, Add	*184.62*	
		For Class 55 Rating, Add	*410.35*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,135.76	406.40
		For Class 52 Rating, Deduct	*-277.20*	
		For Class 54 Rating, Add	*189.00*	
		For Class 55 Rating, Add	*420.08*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,197.67	408.71
		For Class 52 Rating, Deduct	*-283.62*	
		For Class 54 Rating, Add	*193.38*	
		For Class 55 Rating, Add	*429.82*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,259.56	411.03
		For Class 52 Rating, Deduct	*-290.05*	
		For Class 54 Rating, Add	*197.76*	
		For Class 55 Rating, Add	*439.55*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,211.78	387.93
		For Class 52 Rating, Deduct	*-68.64*	
		For Class 54 Rating, Add	*46.80*	
		For Class 55 Rating, Add	*104.02*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,286.47	390.24
		For Class 52 Rating, Deduct	*-76.47*	
		For Class 54 Rating, Add	*52.14*	
		For Class 55 Rating, Add	*115.89*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,361.17	392.55
		For Class 52 Rating, Deduct	*-84.30*	
		For Class 54 Rating, Add	*57.48*	
		For Class 55 Rating, Add	*127.76*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,435.87	394.86
		For Class 52 Rating, Deduct	*-92.14*	
		For Class 54 Rating, Add	*62.82*	
		For Class 55 Rating, Add	*139.63*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,510.57	397.17
		For Class 52 Rating, Deduct	*-99.97*	
		For Class 54 Rating, Add	*68.16*	
		For Class 55 Rating, Add	*151.50*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.27	399.47
		For Class 52 Rating, Deduct	*-107.80*	
		For Class 54 Rating, Add	*73.50*	
		For Class 55 Rating, Add	*163.37*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,659.97	401.79
		For Class 52 Rating, Deduct	*-115.63*	
		For Class 54 Rating, Add	*78.84*	
		For Class 55 Rating, Add	*175.24*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,734.66	404.10
		For Class 52 Rating, Deduct	*-123.46*	
		For Class 54 Rating, Add	*84.18*	
		For Class 55 Rating, Add	*187.10*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,809.36	406.40
		For Class 52 Rating, Deduct	*-131.30*	
		For Class 54 Rating, Add	*89.52*	
		For Class 55 Rating, Add	*198.97*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,884.07	408.71
		For Class 52 Rating, Deduct	*-139.13*	
		For Class 54 Rating, Add	*94.86*	
		For Class 55 Rating, Add	*210.84*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,958.76	411.03
		For Class 52 Rating, Deduct	*-146.96*	
		For Class 54 Rating, Add	*100.20*	
		For Class 55 Rating, Add	*222.71*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,033.46	413.33
		For Class 52 Rating, Deduct	*-154.79*	
		For Class 54 Rating, Add	*105.54*	
		For Class 55 Rating, Add	*234.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,108.16	415.64
		For Class 52 Rating, Deduct	*-162.62*	
		For Class 54 Rating, Add	*110.88*	
		For Class 55 Rating, Add	*246.45*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.86	417.95
		For Class 52 Rating, Deduct	*-170.46*	
		For Class 54 Rating, Add	*116.22*	
		For Class 55 Rating, Add	*258.32*	
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,257.56	420.26
		For Class 52 Rating, Deduct	*-178.29*	
		For Class 54 Rating, Add	*121.56*	
		For Class 55 Rating, Add	*270.19*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,332.26	422.57
		For Class 52 Rating, Deduct	*-186.12*	
		For Class 54 Rating, Add	*126.90*	
		For Class 55 Rating, Add	*282.06*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,406.95	424.88
		For Class 52 Rating, Deduct	*-193.95*	
		For Class 54 Rating, Add	*132.24*	
		For Class 55 Rating, Add	*293.93*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,481.65	427.19
		For Class 52 Rating, Deduct	*-201.78*	
		For Class 54 Rating, Add	*137.58*	
		For Class 55 Rating, Add	*305.79*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,556.36	429.50
		For Class 52 Rating, Deduct	*-209.62*	
		For Class 54 Rating, Add	*142.92*	
		For Class 55 Rating, Add	*317.66*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,631.05	431.81
		For Class 52 Rating, Deduct	*-217.45*	
		For Class 54 Rating, Add	*148.26*	
		For Class 55 Rating, Add	*329.53*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,705.75	434.11
		For Class 52 Rating, Deduct	*-225.28*	
		For Class 54 Rating, Add	*153.60*	
		For Class 55 Rating, Add	*341.40*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,780.45	436.43
		For Class 52 Rating, Deduct	*-233.11*	
		For Class 54 Rating, Add	*158.94*	
		For Class 55 Rating, Add	*353.27*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,855.14	438.74
		For Class 52 Rating, Deduct	*-240.94*	
		For Class 54 Rating, Add	*164.28*	
		For Class 55 Rating, Add	*365.14*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,929.85	441.04
		For Class 52 Rating, Deduct	*-248.78*	
		For Class 54 Rating, Add	*169.62*	
		For Class 55 Rating, Add	*377.01*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,004.55	443.35
		For Class 52 Rating, Deduct	*-256.61*	
		For Class 54 Rating, Add	*174.96*	
		For Class 55 Rating, Add	*388.88*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,079.24	445.66
		For Class 52 Rating, Deduct	*-264.44*	
		For Class 54 Rating, Add	*180.30*	
		For Class 55 Rating, Add	*400.75*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,153.94	447.97
		For Class 52 Rating, Deduct	*-272.27*	
		For Class 54 Rating, Add	*185.64*	
		For Class 55 Rating, Add	*412.62*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,228.64	450.28
		For Class 52 Rating, Deduct	*-280.10*	
		For Class 54 Rating, Add	*190.98*	
		For Class 55 Rating, Add	*424.48*	
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,303.34	452.58
		For Class 52 Rating, Deduct	*-287.94*	
		For Class 54 Rating, Add	*196.32*	
		For Class 55 Rating, Add	*436.35*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,378.04	454.90
		For Class 52 Rating, Deduct	*-295.77*	
		For Class 54 Rating, Add	*201.66*	
		For Class 55 Rating, Add	*448.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,452.74	457.21
		For Class 52 Rating, Deduct	*-303.60*	
		For Class 54 Rating, Add	*207.00*	
		For Class 55 Rating, Add	*460.09*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,527.43	459.51
		For Class 52 Rating, Deduct	*-311.43*	
		For Class 54 Rating, Add	*212.34*	
		For Class 55 Rating, Add	*471.96*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,602.13	461.82
		For Class 52 Rating, Deduct	*-319.26*	
		For Class 54 Rating, Add	*217.68*	
		For Class 55 Rating, Add	*483.83*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,676.84	464.14
		For Class 52 Rating, Deduct	*-327.10*	
		For Class 54 Rating, Add	*223.02*	
		For Class 55 Rating, Add	*495.70*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,751.53	466.44
		For Class 52 Rating, Deduct	*-334.93*	
		For Class 54 Rating, Add	*228.36*	
		For Class 55 Rating, Add	*507.57*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,826.23	468.75
		For Class 52 Rating, Deduct	*-342.76*	
		For Class 54 Rating, Add	*233.70*	
		For Class 55 Rating, Add	*519.44*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,900.93	471.06
		For Class 52 Rating, Deduct	*-350.59*	
		For Class 54 Rating, Add	*239.04*	
		For Class 55 Rating, Add	*531.31*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,975.63	473.37
		For Class 52 Rating, Deduct	*-358.42*	
		For Class 54 Rating, Add	*244.38*	
		For Class 55 Rating, Add	*543.18*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,410.15	443.35
		For Class 52 Rating, Deduct	*-81.22*	
		For Class 54 Rating, Add	*55.38*	
		For Class 55 Rating, Add	*123.09*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,496.84	445.66
		For Class 52 Rating, Deduct	*-90.38*	
		For Class 54 Rating, Add	*61.62*	
		For Class 55 Rating, Add	*136.96*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,583.54	447.97
		For Class 52 Rating, Deduct	*-99.53*	
		For Class 54 Rating, Add	*67.86*	
		For Class 55 Rating, Add	*150.83*	
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,670.24	450.28
		For Class 52 Rating, Deduct	*-108.68*	
		For Class 54 Rating, Add	*74.10*	
		For Class 55 Rating, Add	*164.70*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,756.94	452.58
		For Class 52 Rating, Deduct	*-117.83*	
		For Class 54 Rating, Add	*80.34*	
		For Class 55 Rating, Add	*178.57*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,843.64	454.90
		For Class 52 Rating, Deduct	*-126.98*	
		For Class 54 Rating, Add	*86.58*	
		For Class 55 Rating, Add	*192.44*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,930.34	457.21
		For Class 52 Rating, Deduct	*-136.14*	
		For Class 54 Rating, Add	*92.82*	
		For Class 55 Rating, Add	*206.31*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,017.03	459.51
		For Class 52 Rating, Deduct	*-145.29*	
		For Class 54 Rating, Add	*99.06*	
		For Class 55 Rating, Add	*220.18*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,103.73	461.82
		For Class 52 Rating, Deduct	*-154.44*	
		For Class 54 Rating, Add	*105.30*	
		For Class 55 Rating, Add	*234.05*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.44	464.14
		For Class 52 Rating, Deduct	*-162.71*	
		For Class 54 Rating, Add	*110.94*	
		For Class 55 Rating, Add	*246.58*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,277.13	466.44
		For Class 52 Rating, Deduct	*-172.74*	
		For Class 54 Rating, Add	*117.78*	
		For Class 55 Rating, Add	*261.79*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,363.83	468.75
		For Class 52 Rating, Deduct	*-181.90*	
		For Class 54 Rating, Add	*124.02*	
		For Class 55 Rating, Add	*275.66*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,450.53	471.06
		For Class 52 Rating, Deduct	*-191.05*	
		For Class 54 Rating, Add	*130.26*	
		For Class 55 Rating, Add	*289.52*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,537.23	473.37
		For Class 52 Rating, Deduct	*-200.20*	
		For Class 54 Rating, Add	*136.50*	
		For Class 55 Rating, Add	*303.39*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,623.93	475.68
		For Class 52 Rating, Deduct	*-209.35*	
		For Class 54 Rating, Add	*142.74*	
		For Class 55 Rating, Add	*317.26*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,710.63	477.99
		For Class 52 Rating, Deduct	*-218.50*	
		For Class 54 Rating, Add	*148.98*	
		For Class 55 Rating, Add	*331.13*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,797.32	480.29
		For Class 52 Rating, Deduct	*-227.66*	
		For Class 54 Rating, Add	*155.22*	
		For Class 55 Rating, Add	*345.00*	
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,884.02	482.61
		For Class 52 Rating, Deduct	*-236.81*	
		For Class 54 Rating, Add	*161.46*	
		For Class 55 Rating, Add	*358.87*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,970.73	484.92
		For Class 52 Rating, Deduct	*-245.96*	
		For Class 54 Rating, Add	*167.70*	
		For Class 55 Rating, Add	*372.74*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,057.42	487.22
		For Class 52 Rating, Deduct	*-255.11*	
		For Class 54 Rating, Add	*173.94*	
		For Class 55 Rating, Add	*386.61*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,144.12	489.53
		For Class 52 Rating, Deduct	*-264.26*	
		For Class 54 Rating, Add	*180.18*	
		For Class 55 Rating, Add	*400.48*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,230.81	491.85
		For Class 52 Rating, Deduct	*-273.42*	
		For Class 54 Rating, Add	*186.42*	
		For Class 55 Rating, Add	*414.35*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,317.51	494.15
		For Class 52 Rating, Deduct	*-282.57*	
		For Class 54 Rating, Add	*192.66*	
		For Class 55 Rating, Add	*428.22*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,404.22	496.46
		For Class 52 Rating, Deduct	*-291.72*	
		For Class 54 Rating, Add	*198.90*	
		For Class 55 Rating, Add	*442.09*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,490.91	498.77
		For Class 52 Rating, Deduct	*-300.87*	
		For Class 54 Rating, Add	*205.14*	
		For Class 55 Rating, Add	*455.96*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,577.61	501.08
		For Class 52 Rating, Deduct	*-310.02*	
		For Class 54 Rating, Add	*211.38*	
		For Class 55 Rating, Add	*469.83*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,664.31	503.39
		For Class 52 Rating, Deduct	*-319.18*	
		For Class 54 Rating, Add	*217.62*	
		For Class 55 Rating, Add	*483.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,751.00	505.70
		For Class 52 Rating, Deduct	*-328.33*	
		For Class 54 Rating, Add	*223.86*	
		For Class 55 Rating, Add	*497.57*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,837.71	508.01
		For Class 52 Rating, Deduct	*-337.48*	
		For Class 54 Rating, Add	*230.10*	
		For Class 55 Rating, Add	*511.44*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,924.41	510.32
		For Class 52 Rating, Deduct	*-346.63*	
		For Class 54 Rating, Add	*236.34*	
		For Class 55 Rating, Add	*525.31*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,011.10	512.62
		For Class 52 Rating, Deduct	*-355.78*	
		For Class 54 Rating, Add	*242.58*	
		For Class 55 Rating, Add	*539.17*	
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,097.80	514.93
		For Class 52 Rating, Deduct	*-364.94*	
		For Class 54 Rating, Add	*248.82*	
		For Class 55 Rating, Add	*553.04*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,184.50	517.25
		For Class 52 Rating, Deduct	*-374.09*	
		For Class 54 Rating, Add	*255.06*	
		For Class 55 Rating, Add	*566.91*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,271.20	519.55
		For Class 52 Rating, Deduct	*-383.24*	
		For Class 54 Rating, Add	*261.30*	
		For Class 55 Rating, Add	*580.78*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,357.90	521.86
		For Class 52 Rating, Deduct	*-392.39*	
		For Class 54 Rating, Add	*267.54*	
		For Class 55 Rating, Add	*594.65*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,444.60	524.17
		For Class 52 Rating, Deduct	*-401.54*	
		For Class 54 Rating, Add	*273.78*	
		For Class 55 Rating, Add	*608.52*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,531.29	526.48
		For Class 52 Rating, Deduct	*-410.70*	
		For Class 54 Rating, Add	*280.02*	
		For Class 55 Rating, Add	*622.39*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,617.99	528.79
		For Class 52 Rating, Deduct	*-419.85*	
		For Class 54 Rating, Add	*286.26*	
		For Class 55 Rating, Add	*636.26*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,633.12	499.70
		For Class 52 Rating, Deduct	*-96.36*	
		For Class 54 Rating, Add	*65.70*	
		For Class 55 Rating, Add	*146.03*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,732.61	502.01
		For Class 52 Rating, Deduct	*-106.92*	
		For Class 54 Rating, Add	*72.90*	
		For Class 55 Rating, Add	*162.03*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,832.11	504.32
		For Class 52 Rating, Deduct	*-117.48*	
		For Class 54 Rating, Add	*80.10*	
		For Class 55 Rating, Add	*178.04*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,931.61	506.62
		For Class 52 Rating, Deduct	*-128.04*	
		For Class 54 Rating, Add	*87.30*	
		For Class 55 Rating, Add	*194.04*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,031.10	508.94
		For Class 52 Rating, Deduct	*-138.60*	
		For Class 54 Rating, Add	*94.50*	
		For Class 55 Rating, Add	*210.04*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,130.61	511.25
		For Class 52 Rating, Deduct	*-149.16*	
		For Class 54 Rating, Add	*101.70*	
		For Class 55 Rating, Add	*226.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,230.10	513.55
		For Class 52 Rating, Deduct	*-159.72*	
		For Class 54 Rating, Add	*108.90*	
		For Class 55 Rating, Add	*242.05*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,329.60	515.86
		For Class 52 Rating, Deduct	*-170.28*	
		For Class 54 Rating, Add	*116.10*	
		For Class 55 Rating, Add	*258.05*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,429.10	518.17
		For Class 52 Rating, Deduct	*-180.84*	
		For Class 54 Rating, Add	*123.30*	
		For Class 55 Rating, Add	*274.05*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,528.60	520.48
		For Class 52 Rating, Deduct	*-191.40*	
		For Class 54 Rating, Add	*130.50*	
		For Class 55 Rating, Add	*290.06*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,628.10	522.79
		For Class 52 Rating, Deduct	*-201.96*	
		For Class 54 Rating, Add	*137.70*	
		For Class 55 Rating, Add	*306.06*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,727.60	525.09
		For Class 52 Rating, Deduct	*-212.52*	
		For Class 54 Rating, Add	*144.90*	
		For Class 55 Rating, Add	*322.06*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,827.09	527.41
		For Class 52 Rating, Deduct	*-223.08*	
		For Class 54 Rating, Add	*152.10*	
		For Class 55 Rating, Add	*338.07*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,926.59	529.72
		For Class 52 Rating, Deduct	*-233.64*	
		For Class 54 Rating, Add	*159.30*	
		For Class 55 Rating, Add	*354.07*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,026.10	532.02
		For Class 52 Rating, Deduct	*-244.20*	
		For Class 54 Rating, Add	*166.50*	
		For Class 55 Rating, Add	*370.07*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,125.59	534.33
		For Class 52 Rating, Deduct	*-254.76*	
		For Class 54 Rating, Add	*173.70*	
		For Class 55 Rating, Add	*386.08*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,225.09	536.65
		For Class 52 Rating, Deduct	*-265.32*	
		For Class 54 Rating, Add	*180.90*	
		For Class 55 Rating, Add	*402.08*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,324.59	538.95
		For Class 52 Rating, Deduct	*-275.88*	
		For Class 54 Rating, Add	*188.10*	
		For Class 55 Rating, Add	*418.08*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,424.08	541.26
		For Class 52 Rating, Deduct	*-286.44*	
		For Class 54 Rating, Add	*195.30*	
		For Class 55 Rating, Add	*434.09*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,523.59	543.57
		For Class 52 Rating, Deduct	*-297.00*	
		For Class 54 Rating, Add	*202.50*	
		For Class 55 Rating, Add	*450.09*	
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,623.09	545.88
		For Class 52 Rating, Deduct	*-307.56*	
		For Class 54 Rating, Add	*209.70*	
		For Class 55 Rating, Add	*466.09*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,722.58	548.19
		For Class 52 Rating, Deduct	*-318.12*	
		For Class 54 Rating, Add	*216.90*	
		For Class 55 Rating, Add	*482.10*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,822.08	550.50
		For Class 52 Rating, Deduct	*-328.68*	
		For Class 54 Rating, Add	*224.10*	
		For Class 55 Rating, Add	*498.10*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,921.58	552.80
		For Class 52 Rating, Deduct	*-339.24*	
		For Class 54 Rating, Add	*231.30*	
		For Class 55 Rating, Add	*514.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0858		EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,021.08	555.12
			For Class 52 Rating, Deduct	*-349.80*	
			For Class 54 Rating, Add	*238.50*	
			For Class 55 Rating, Add	*530.11*	
40 05 19 00-0859		EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,120.58	557.43
			For Class 52 Rating, Deduct	*-360.36*	
			For Class 54 Rating, Add	*245.70*	
			For Class 55 Rating, Add	*546.11*	
40 05 19 00-0860		EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,220.08	559.73
			For Class 52 Rating, Deduct	*-370.92*	
			For Class 54 Rating, Add	*252.90*	
			For Class 55 Rating, Add	*562.11*	
40 05 19 00-0861		EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,319.57	562.04
			For Class 52 Rating, Deduct	*-381.48*	
			For Class 54 Rating, Add	*260.10*	
			For Class 55 Rating, Add	*578.12*	
40 05 19 00-0862		EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,419.07	564.36
			For Class 52 Rating, Deduct	*-392.04*	
			For Class 54 Rating, Add	*267.30*	
			For Class 55 Rating, Add	*594.12*	
40 05 19 00-0863		EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,518.58	566.66
			For Class 52 Rating, Deduct	*-402.60*	
			For Class 54 Rating, Add	*274.50*	
			For Class 55 Rating, Add	*610.12*	
40 05 19 00-0864		EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,618.07	568.97
			For Class 52 Rating, Deduct	*-413.16*	
			For Class 54 Rating, Add	*281.70*	
			For Class 55 Rating, Add	*626.13*	
40 05 19 00-0865		EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,717.57	571.28
			For Class 52 Rating, Deduct	*-423.72*	
			For Class 54 Rating, Add	*288.90*	
			For Class 55 Rating, Add	*642.13*	
40 05 19 00-0866		EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,817.07	573.59
			For Class 52 Rating, Deduct	*-434.28*	
			For Class 54 Rating, Add	*296.10*	
			For Class 55 Rating, Add	*658.13*	
40 05 19 00-0867		EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,916.57	575.90
			For Class 52 Rating, Deduct	*-444.84*	
			For Class 54 Rating, Add	*303.30*	
			For Class 55 Rating, Add	*674.13*	
40 05 19 00-0868		EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,016.07	578.21
			For Class 52 Rating, Deduct	*-455.40*	
			For Class 54 Rating, Add	*310.50*	
			For Class 55 Rating, Add	*690.14*	
40 05 19 00-0869		EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,115.57	580.52
			For Class 52 Rating, Deduct	*-465.96*	
			For Class 54 Rating, Add	*317.70*	
			For Class 55 Rating, Add	*706.14*	
40 05 19 00-0870		EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,215.06	582.83
			For Class 52 Rating, Deduct	*-476.52*	
			For Class 54 Rating, Add	*324.90*	
			For Class 55 Rating, Add	*722.14*	
40 05 19 00-0871		EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,314.56	585.13
			For Class 52 Rating, Deduct	*-487.08*	
			For Class 54 Rating, Add	*332.10*	
			For Class 55 Rating, Add	*738.15*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873		EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,887.37	570.35
			For Class 52 Rating, Deduct	*-112.55*	
			For Class 54 Rating, Add	*76.74*	
			For Class 55 Rating, Add	*170.57*	
40 05 19 00-0874		EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,001.27	572.67
			For Class 52 Rating, Deduct	*-124.70*	
			For Class 54 Rating, Add	*85.02*	
			For Class 55 Rating, Add	*188.97*	
40 05 19 00-0875		EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,115.17	574.97
			For Class 52 Rating, Deduct	*-136.84*	
			For Class 54 Rating, Add	*93.30*	
			For Class 55 Rating, Add	*207.37*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,229.07	577.28
		For Class 52 Rating, Deduct	*-148.98*	
		For Class 54 Rating, Add	*101.58*	
		For Class 55 Rating, Add	*225.78*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,342.97	579.58
		For Class 52 Rating, Deduct	*-161.13*	
		For Class 54 Rating, Add	*109.86*	
		For Class 55 Rating, Add	*244.18*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,456.86	581.90
		For Class 52 Rating, Deduct	*-173.27*	
		For Class 54 Rating, Add	*118.14*	
		For Class 55 Rating, Add	*262.59*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,570.76	584.21
		For Class 52 Rating, Deduct	*-185.42*	
		For Class 54 Rating, Add	*126.42*	
		For Class 55 Rating, Add	*280.99*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,684.67	586.51
		For Class 52 Rating, Deduct	*-197.56*	
		For Class 54 Rating, Add	*134.70*	
		For Class 55 Rating, Add	*299.39*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,798.56	588.82
		For Class 52 Rating, Deduct	*-209.70*	
		For Class 54 Rating, Add	*142.98*	
		For Class 55 Rating, Add	*317.80*	
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,912.46	591.14
		For Class 52 Rating, Deduct	*-221.85*	
		For Class 54 Rating, Add	*151.26*	
		For Class 55 Rating, Add	*336.20*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,026.36	593.44
		For Class 52 Rating, Deduct	*-233.99*	
		For Class 54 Rating, Add	*159.54*	
		For Class 55 Rating, Add	*354.60*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,140.26	595.75
		For Class 52 Rating, Deduct	*-246.14*	
		For Class 54 Rating, Add	*167.82*	
		For Class 55 Rating, Add	*373.01*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,254.16	598.07
		For Class 52 Rating, Deduct	*-258.28*	
		For Class 54 Rating, Add	*176.10*	
		For Class 55 Rating, Add	*391.41*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,368.05	600.37
		For Class 52 Rating, Deduct	*-270.42*	
		For Class 54 Rating, Add	*184.38*	
		For Class 55 Rating, Add	*409.82*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,481.95	602.68
		For Class 52 Rating, Deduct	*-282.57*	
		For Class 54 Rating, Add	*192.66*	
		For Class 55 Rating, Add	*428.22*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,595.85	604.99
		For Class 52 Rating, Deduct	*-294.71*	
		For Class 54 Rating, Add	*200.94*	
		For Class 55 Rating, Add	*446.62*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,709.75	607.30
		For Class 52 Rating, Deduct	*-306.86*	
		For Class 54 Rating, Add	*209.22*	
		For Class 55 Rating, Add	*465.03*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,823.65	609.61
		For Class 52 Rating, Deduct	*-319.00*	
		For Class 54 Rating, Add	*217.50*	
		For Class 55 Rating, Add	*483.43*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,937.55	611.92
		For Class 52 Rating, Deduct	*-331.14*	
		For Class 54 Rating, Add	*225.78*	
		For Class 55 Rating, Add	*501.83*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,051.44	614.22
		For Class 52 Rating, Deduct	*-343.29*	
		For Class 54 Rating, Add	*234.06*	
		For Class 55 Rating, Add	*520.24*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,165.34	616.54
		For Class 52 Rating, Deduct	*-355.43*	
		For Class 54 Rating, Add	*242.34*	
		For Class 55 Rating, Add	*538.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,279.25	618.85
		For Class 52 Rating, Deduct	*-367.58*	
		For Class 54 Rating, Add	*250.62*	
		For Class 55 Rating, Add	*557.04*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,393.14	621.15
		For Class 52 Rating, Deduct	*-379.72*	
		For Class 54 Rating, Add	*258.90*	
		For Class 55 Rating, Add	*575.45*	
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,507.04	623.46
		For Class 52 Rating, Deduct	*-391.86*	
		For Class 54 Rating, Add	*267.18*	
		For Class 55 Rating, Add	*593.85*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,620.94	625.78
		For Class 52 Rating, Deduct	*-404.01*	
		For Class 54 Rating, Add	*275.46*	
		For Class 55 Rating, Add	*612.26*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,734.83	628.08
		For Class 52 Rating, Deduct	*-416.15*	
		For Class 54 Rating, Add	*283.74*	
		For Class 55 Rating, Add	*630.66*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,848.74	630.39
		For Class 52 Rating, Deduct	*-428.30*	
		For Class 54 Rating, Add	*292.02*	
		For Class 55 Rating, Add	*649.06*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,962.64	632.70
		For Class 52 Rating, Deduct	*-440.44*	
		For Class 54 Rating, Add	*300.30*	
		For Class 55 Rating, Add	*667.47*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,076.53	635.01
		For Class 52 Rating, Deduct	*-452.58*	
		For Class 54 Rating, Add	*308.58*	
		For Class 55 Rating, Add	*685.87*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,190.43	637.32
		For Class 52 Rating, Deduct	*-464.73*	
		For Class 54 Rating, Add	*316.86*	
		For Class 55 Rating, Add	*704.27*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,304.33	639.63
		For Class 52 Rating, Deduct	*-476.87*	
		For Class 54 Rating, Add	*325.14*	
		For Class 55 Rating, Add	*722.68*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,418.23	641.93
		For Class 52 Rating, Deduct	*-489.02*	
		For Class 54 Rating, Add	*333.42*	
		For Class 55 Rating, Add	*741.08*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,532.13	644.25
		For Class 52 Rating, Deduct	*-501.16*	
		For Class 54 Rating, Add	*341.70*	
		For Class 55 Rating, Add	*759.49*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,646.03	646.55
		For Class 52 Rating, Deduct	*-513.30*	
		For Class 54 Rating, Add	*349.98*	
		For Class 55 Rating, Add	*777.89*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,759.92	648.86
		For Class 52 Rating, Deduct	*-525.45*	
		For Class 54 Rating, Add	*358.26*	
		For Class 55 Rating, Add	*796.29*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,873.82	651.17
		For Class 52 Rating, Deduct	*-537.59*	
		For Class 54 Rating, Add	*366.54*	
		For Class 55 Rating, Add	*814.70*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,987.73	653.48
		For Class 52 Rating, Deduct	*-549.74*	
		For Class 54 Rating, Add	*374.82*	
		For Class 55 Rating, Add	*833.10*	
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,101.62	655.79
		For Class 52 Rating, Deduct	*-561.88*	
		For Class 54 Rating, Add	*383.10*	
		For Class 55 Rating, Add	*851.50*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,314.42	674.26
		For Class 52 Rating, Deduct	*-142.21*	
		For Class 54 Rating, Add	*96.96*	
		For Class 55 Rating, Add	*215.51*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,454.71	676.57
		For Class 52 Rating, Deduct	*-157.26*	
		For Class 54 Rating, Add	*107.22*	
		For Class 55 Rating, Add	*238.31*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,595.01	678.89
		For Class 52 Rating, Deduct	*-172.30*	
		For Class 54 Rating, Add	*117.48*	
		For Class 55 Rating, Add	*261.12*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,735.31	681.19
		For Class 52 Rating, Deduct	*-187.35*	
		For Class 54 Rating, Add	*127.74*	
		For Class 55 Rating, Add	*283.92*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,875.60	683.50
		For Class 52 Rating, Deduct	*-202.40*	
		For Class 54 Rating, Add	*138.00*	
		For Class 55 Rating, Add	*306.73*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,015.91	685.81
		For Class 52 Rating, Deduct	*-217.45*	
		For Class 54 Rating, Add	*148.26*	
		For Class 55 Rating, Add	*329.53*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,156.21	688.12
		For Class 52 Rating, Deduct	*-232.50*	
		For Class 54 Rating, Add	*158.52*	
		For Class 55 Rating, Add	*352.34*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,296.50	690.43
		For Class 52 Rating, Deduct	*-247.54*	
		For Class 54 Rating, Add	*168.78*	
		For Class 55 Rating, Add	*375.14*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,436.80	692.74
		For Class 52 Rating, Deduct	*-262.59*	
		For Class 54 Rating, Add	*179.04*	
		For Class 55 Rating, Add	*397.95*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,577.10	695.04
		For Class 52 Rating, Deduct	*-277.64*	
		For Class 54 Rating, Add	*189.30*	
		For Class 55 Rating, Add	*420.75*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,717.40	697.36
		For Class 52 Rating, Deduct	*-292.69*	
		For Class 54 Rating, Add	*199.56*	
		For Class 55 Rating, Add	*443.56*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,857.70	699.67
		For Class 52 Rating, Deduct	*-307.74*	
		For Class 54 Rating, Add	*209.82*	
		For Class 55 Rating, Add	*466.36*	
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,998.00	701.97
		For Class 52 Rating, Deduct	*-322.78*	
		For Class 54 Rating, Add	*220.08*	
		For Class 55 Rating, Add	*489.16*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,138.29	704.28
		For Class 52 Rating, Deduct	*-337.83*	
		For Class 54 Rating, Add	*230.34*	
		For Class 55 Rating, Add	*511.97*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.59	706.60
		For Class 52 Rating, Deduct	*-352.88*	
		For Class 54 Rating, Add	*240.60*	
		For Class 55 Rating, Add	*534.77*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,418.89	708.90
		For Class 52 Rating, Deduct	*-367.93*	
		For Class 54 Rating, Add	*250.86*	
		For Class 55 Rating, Add	*557.58*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,559.19	711.21
		For Class 52 Rating, Deduct	*-382.98*	
		For Class 54 Rating, Add	*261.12*	
		For Class 55 Rating, Add	*580.38*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,699.49	713.52
		For Class 52 Rating, Deduct	*-398.02*	
		For Class 54 Rating, Add	*271.38*	
		For Class 55 Rating, Add	*603.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,839.78	715.83
		For Class 52 Rating, Deduct	*-413.07*	
		For Class 54 Rating, Add	*281.64*	
		For Class 55 Rating, Add	*625.99*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,980.08	718.14
		For Class 52 Rating, Deduct	*-428.12*	
		For Class 54 Rating, Add	*291.90*	
		For Class 55 Rating, Add	*648.80*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,120.39	720.44
		For Class 52 Rating, Deduct	*-443.17*	
		For Class 54 Rating, Add	*302.16*	
		For Class 55 Rating, Add	*671.60*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,260.68	722.75
		For Class 52 Rating, Deduct	*-458.22*	
		For Class 54 Rating, Add	*312.42*	
		For Class 55 Rating, Add	*694.41*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,400.98	725.07
		For Class 52 Rating, Deduct	*-473.26*	
		For Class 54 Rating, Add	*322.68*	
		For Class 55 Rating, Add	*717.21*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,541.28	727.37
		For Class 52 Rating, Deduct	*-488.31*	
		For Class 54 Rating, Add	*332.94*	
		For Class 55 Rating, Add	*740.01*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,681.58	729.68
		For Class 52 Rating, Deduct	*-503.36*	
		For Class 54 Rating, Add	*343.20*	
		For Class 55 Rating, Add	*762.82*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,821.88	731.99
		For Class 52 Rating, Deduct	*-518.41*	
		For Class 54 Rating, Add	*353.46*	
		For Class 55 Rating, Add	*785.62*	
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,962.18	734.30
		For Class 52 Rating, Deduct	*-533.46*	
		For Class 54 Rating, Add	*363.72*	
		For Class 55 Rating, Add	*808.43*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,102.47	736.61
		For Class 52 Rating, Deduct	*-548.50*	
		For Class 54 Rating, Add	*373.98*	
		For Class 55 Rating, Add	*831.23*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,242.77	738.92
		For Class 52 Rating, Deduct	*-563.55*	
		For Class 54 Rating, Add	*384.24*	
		For Class 55 Rating, Add	*854.04*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,442.55	780.49
		For Class 52 Rating, Deduct	*-578.60*	
		For Class 54 Rating, Add	*394.50*	
		For Class 55 Rating, Add	*876.84*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,582.85	782.79
		For Class 52 Rating, Deduct	*-593.65*	
		For Class 54 Rating, Add	*404.76*	
		For Class 55 Rating, Add	*899.65*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,723.14	785.10
		For Class 52 Rating, Deduct	*-608.70*	
		For Class 54 Rating, Add	*415.02*	
		For Class 55 Rating, Add	*922.45*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,863.45	787.41
		For Class 52 Rating, Deduct	*-623.74*	
		For Class 54 Rating, Add	*425.28*	
		For Class 55 Rating, Add	*945.26*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,003.75	789.72
		For Class 52 Rating, Deduct	*-638.79*	
		For Class 54 Rating, Add	*435.54*	
		For Class 55 Rating, Add	*968.06*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,144.04	792.03
		For Class 52 Rating, Deduct	*-653.84*	
		For Class 54 Rating, Add	*445.80*	
		For Class 55 Rating, Add	*990.86*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,284.34	794.33
		For Class 52 Rating, Deduct	*-668.89*	
		For Class 54 Rating, Add	*456.06*	
		For Class 55 Rating, Add	*1,013.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,424.65	796.65
		For Class 52 Rating, Deduct	*-683.94*	
		For Class 54 Rating, Add	*466.32*	
		For Class 55 Rating, Add	*1,036.47*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,564.94	798.96
		For Class 52 Rating, Deduct	*-698.98*	
		For Class 54 Rating, Add	*476.58*	
		For Class 55 Rating, Add	*1,059.28*	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,505.45	951.36
		For Class 52 Rating, Deduct	*-227.04*	
		For Class 54 Rating, Add	*154.80*	
		For Class 55 Rating, Add	*344.07*	
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,706.55	953.67
		For Class 52 Rating, Deduct	*-248.78*	
		For Class 54 Rating, Add	*169.62*	
		For Class 55 Rating, Add	*377.01*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,907.65	955.97
		For Class 52 Rating, Deduct	*-270.51*	
		For Class 54 Rating, Add	*184.44*	
		For Class 55 Rating, Add	*409.95*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,108.75	958.29
		For Class 52 Rating, Deduct	*-292.25*	
		For Class 54 Rating, Add	*199.26*	
		For Class 55 Rating, Add	*442.89*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,309.84	960.60
		For Class 52 Rating, Deduct	*-313.98*	
		For Class 54 Rating, Add	*214.08*	
		For Class 55 Rating, Add	*475.83*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,510.94	962.90
		For Class 52 Rating, Deduct	*-335.72*	
		For Class 54 Rating, Add	*228.90*	
		For Class 55 Rating, Add	*508.77*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,712.05	965.21
		For Class 52 Rating, Deduct	*-357.46*	
		For Class 54 Rating, Add	*243.72*	
		For Class 55 Rating, Add	*541.71*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,913.14	967.53
		For Class 52 Rating, Deduct	*-379.19*	
		For Class 54 Rating, Add	*258.54*	
		For Class 55 Rating, Add	*574.65*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,114.24	969.83
		For Class 52 Rating, Deduct	*-400.93*	
		For Class 54 Rating, Add	*273.36*	
		For Class 55 Rating, Add	*607.59*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,315.34	972.14
		For Class 52 Rating, Deduct	*-422.66*	
		For Class 54 Rating, Add	*288.18*	
		For Class 55 Rating, Add	*640.53*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,516.44	974.45
		For Class 52 Rating, Deduct	*-444.40*	
		For Class 54 Rating, Add	*303.00*	
		For Class 55 Rating, Add	*673.47*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,717.54	976.76
		For Class 52 Rating, Deduct	*-466.14*	
		For Class 54 Rating, Add	*317.82*	
		For Class 55 Rating, Add	*706.41*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,918.64	979.07
		For Class 52 Rating, Deduct	*-487.87*	
		For Class 54 Rating, Add	*332.64*	
		For Class 55 Rating, Add	*739.35*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,119.73	981.38
		For Class 52 Rating, Deduct	*-509.61*	
		For Class 54 Rating, Add	*347.46*	
		For Class 55 Rating, Add	*772.29*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,320.83	983.68
		For Class 52 Rating, Deduct	*-531.34*	
		For Class 54 Rating, Add	*362.28*	
		For Class 55 Rating, Add	*805.23*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,521.94	986.00
		For Class 52 Rating, Deduct	*-553.08*	
		For Class 54 Rating, Add	*377.10*	
		For Class 55 Rating, Add	*838.17*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,723.03	988.30
		For Class 52 Rating, Deduct	*-574.82*	
		For Class 54 Rating, Add	*391.92*	
		For Class 55 Rating, Add	*871.11*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,924.13	990.61
		For Class 52 Rating, Deduct	*-596.55*	
		For Class 54 Rating, Add	*406.74*	
		For Class 55 Rating, Add	*904.05*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,125.23	992.92
		For Class 52 Rating, Deduct	*-618.29*	
		For Class 54 Rating, Add	*421.56*	
		For Class 55 Rating, Add	*936.99*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,326.32	995.23
		For Class 52 Rating, Deduct	*-640.02*	
		For Class 54 Rating, Add	*436.38*	
		For Class 55 Rating, Add	*969.93*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,527.43	997.54
		For Class 52 Rating, Deduct	*-661.76*	
		For Class 54 Rating, Add	*451.20*	
		For Class 55 Rating, Add	*1,002.87*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,728.53	999.85
		For Class 52 Rating, Deduct	*-683.50*	
		For Class 54 Rating, Add	*466.02*	
		For Class 55 Rating, Add	*1,035.81*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,929.62	1,002.15
		For Class 52 Rating, Deduct	*-705.23*	
		For Class 54 Rating, Add	*480.84*	
		For Class 55 Rating, Add	*1,068.75*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,130.72	1,004.47
		For Class 52 Rating, Deduct	*-726.97*	
		For Class 54 Rating, Add	*495.66*	
		For Class 55 Rating, Add	*1,101.69*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,331.82	1,006.78
		For Class 52 Rating, Deduct	*-748.70*	
		For Class 54 Rating, Add	*510.48*	
		For Class 55 Rating, Add	*1,134.63*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,532.92	1,009.08
		For Class 52 Rating, Deduct	*-770.44*	
		For Class 54 Rating, Add	*525.30*	
		For Class 55 Rating, Add	*1,167.57*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,734.02	1,011.39
		For Class 52 Rating, Deduct	*-792.18*	
		For Class 54 Rating, Add	*540.12*	
		For Class 55 Rating, Add	*1,200.51*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,935.12	1,013.71
		For Class 52 Rating, Deduct	*-813.91*	
		For Class 54 Rating, Add	*554.94*	
		For Class 55 Rating, Add	*1,233.45*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,136.21	1,016.01
		For Class 52 Rating, Deduct	*-835.65*	
		For Class 54 Rating, Add	*569.76*	
		For Class 55 Rating, Add	*1,266.39*	
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,337.31	1,018.32
		For Class 52 Rating, Deduct	*-857.38*	
		For Class 54 Rating, Add	*584.58*	
		For Class 55 Rating, Add	*1,299.33*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,538.42	1,020.64
		For Class 52 Rating, Deduct	*-879.12*	
		For Class 54 Rating, Add	*599.40*	
		For Class 55 Rating, Add	*1,332.27*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,739.51	1,022.94
		For Class 52 Rating, Deduct	*-900.86*	
		For Class 54 Rating, Add	*614.22*	
		For Class 55 Rating, Add	*1,365.21*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,940.61	1,025.25
		For Class 52 Rating, Deduct	*-922.59*	
		For Class 54 Rating, Add	*629.04*	
		For Class 55 Rating, Add	*1,398.15*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0984		EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,141.71	1,027.56
			For Class 52 Rating, Deduct	*-944.33*	
			For Class 54 Rating, Add	*643.86*	
			For Class 55 Rating, Add	*1,431.09*	
40 05 19 00-0985		EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,342.80	1,029.87
			For Class 52 Rating, Deduct	*-966.06*	
			For Class 54 Rating, Add	*658.68*	
			For Class 55 Rating, Add	*1,464.03*	
40 05 19 00-0986		EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,543.91	1,032.18
			For Class 52 Rating, Deduct	*-987.80*	
			For Class 54 Rating, Add	*673.50*	
			For Class 55 Rating, Add	*1,496.97*	
40 05 19 00-0987		EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,745.01	1,034.49
			For Class 52 Rating, Deduct	*-1,009.54*	
			For Class 54 Rating, Add	*688.32*	
			For Class 55 Rating, Add	*1,529.91*	
40 05 19 00-0988		EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,946.10	1,036.79
			For Class 52 Rating, Deduct	*-1,031.27*	
			For Class 54 Rating, Add	*703.14*	
			For Class 55 Rating, Add	*1,562.85*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990		EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,735.90	1,205.36
			For Class 52 Rating, Deduct	*-320.06*	
			For Class 54 Rating, Add	*218.22*	
			For Class 55 Rating, Add	*485.03*	
40 05 19 00-0991		EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,008.20	1,207.67
			For Class 52 Rating, Deduct	*-349.62*	
			For Class 54 Rating, Add	*238.38*	
			For Class 55 Rating, Add	*529.84*	
40 05 19 00-0992		EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,280.51	1,209.98
			For Class 52 Rating, Deduct	*-379.19*	
			For Class 54 Rating, Add	*258.54*	
			For Class 55 Rating, Add	*574.65*	
40 05 19 00-0993		EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,552.80	1,212.29
			For Class 52 Rating, Deduct	*-408.76*	
			For Class 54 Rating, Add	*278.70*	
			For Class 55 Rating, Add	*619.46*	
40 05 19 00-0994		EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,825.10	1,214.60
			For Class 52 Rating, Deduct	*-438.33*	
			For Class 54 Rating, Add	*298.86*	
			For Class 55 Rating, Add	*664.27*	
40 05 19 00-0995		EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,097.40	1,216.90
			For Class 52 Rating, Deduct	*-467.90*	
			For Class 54 Rating, Add	*319.02*	
			For Class 55 Rating, Add	*709.08*	
40 05 19 00-0996		EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,369.69	1,219.22
			For Class 52 Rating, Deduct	*-497.46*	
			For Class 54 Rating, Add	*339.18*	
			For Class 55 Rating, Add	*753.88*	
40 05 19 00-0997		EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,642.00	1,221.53
			For Class 52 Rating, Deduct	*-527.03*	
			For Class 54 Rating, Add	*359.34*	
			For Class 55 Rating, Add	*798.69*	
40 05 19 00-0998		EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,914.30	1,223.83
			For Class 52 Rating, Deduct	*-556.60*	
			For Class 54 Rating, Add	*379.50*	
			For Class 55 Rating, Add	*843.50*	
40 05 19 00-0999		EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,186.59	1,226.14
			For Class 52 Rating, Deduct	*-586.17*	
			For Class 54 Rating, Add	*399.66*	
			For Class 55 Rating, Add	*888.31*	
40 05 19 00-1000		EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,458.89	1,228.46
			For Class 52 Rating, Deduct	*-615.74*	
			For Class 54 Rating, Add	*419.82*	
			For Class 55 Rating, Add	*933.12*	
40 05 19 00-1001		EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,731.20	1,230.76
			For Class 52 Rating, Deduct	*-645.30*	
			For Class 54 Rating, Add	*439.98*	
			For Class 55 Rating, Add	*977.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,003.49	1,233.07
		For Class 52 Rating, Deduct	*-674.87*	
		For Class 54 Rating, Add	*460.14*	
		For Class 55 Rating, Add	*1,022.74*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,275.79	1,235.38
		For Class 52 Rating, Deduct	*-704.44*	
		For Class 54 Rating, Add	*480.30*	
		For Class 55 Rating, Add	*1,067.55*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,548.09	1,237.69
		For Class 52 Rating, Deduct	*-734.01*	
		For Class 54 Rating, Add	*500.46*	
		For Class 55 Rating, Add	*1,112.36*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,820.38	1,240.00
		For Class 52 Rating, Deduct	*-763.58*	
		For Class 54 Rating, Add	*520.62*	
		For Class 55 Rating, Add	*1,157.16*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,092.69	1,242.31
		For Class 52 Rating, Deduct	*-793.14*	
		For Class 54 Rating, Add	*540.78*	
		For Class 55 Rating, Add	*1,201.97*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,364.99	1,244.61
		For Class 52 Rating, Deduct	*-822.71*	
		For Class 54 Rating, Add	*560.94*	
		For Class 55 Rating, Add	*1,246.78*	
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,637.28	1,246.93
		For Class 52 Rating, Deduct	*-852.28*	
		For Class 54 Rating, Add	*581.10*	
		For Class 55 Rating, Add	*1,291.59*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,909.58	1,249.24
		For Class 52 Rating, Deduct	*-881.85*	
		For Class 54 Rating, Add	*601.26*	
		For Class 55 Rating, Add	*1,336.40*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,181.88	1,251.54
		For Class 52 Rating, Deduct	*-911.42*	
		For Class 54 Rating, Add	*621.42*	
		For Class 55 Rating, Add	*1,381.21*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,454.18	1,253.85
		For Class 52 Rating, Deduct	*-940.98*	
		For Class 54 Rating, Add	*641.58*	
		For Class 55 Rating, Add	*1,426.02*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,726.48	1,256.16
		For Class 52 Rating, Deduct	*-970.55*	
		For Class 54 Rating, Add	*661.74*	
		For Class 55 Rating, Add	*1,470.83*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,998.77	1,258.47
		For Class 52 Rating, Deduct	*-1,000.12*	
		For Class 54 Rating, Add	*681.90*	
		For Class 55 Rating, Add	*1,515.64*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,271.07	1,260.78
		For Class 52 Rating, Deduct	*-1,029.69*	
		For Class 54 Rating, Add	*702.06*	
		For Class 55 Rating, Add	*1,560.45*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,543.37	1,263.09
		For Class 52 Rating, Deduct	*-1,059.26*	
		For Class 54 Rating, Add	*722.22*	
		For Class 55 Rating, Add	*1,605.25*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,815.67	1,265.40
		For Class 52 Rating, Deduct	*-1,088.82*	
		For Class 54 Rating, Add	*742.38*	
		For Class 55 Rating, Add	*1,650.06*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,087.97	1,267.71
		For Class 52 Rating, Deduct	*-1,118.39*	
		For Class 54 Rating, Add	*762.54*	
		For Class 55 Rating, Add	*1,694.87*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,360.27	1,270.01
		For Class 52 Rating, Deduct	*-1,147.96*	
		For Class 54 Rating, Add	*782.70*	
		For Class 55 Rating, Add	*1,739.68*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,632.56	1,272.33
		For Class 52 Rating, Deduct	*-1,177.53*	
		For Class 54 Rating, Add	*802.86*	
		For Class 55 Rating, Add	*1,784.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,904.86	1,274.64
		For Class 52 Rating, Deduct	*-1,207.10*	
		For Class 54 Rating, Add	*823.02*	
		For Class 55 Rating, Add	*1,829.30*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,177.17	1,276.94
		For Class 52 Rating, Deduct	*-1,236.66*	
		For Class 54 Rating, Add	*843.18*	
		For Class 55 Rating, Add	*1,874.11*	
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,449.46	1,279.25
		For Class 52 Rating, Deduct	*-1,266.23*	
		For Class 54 Rating, Add	*863.34*	
		For Class 55 Rating, Add	*1,918.92*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,721.76	1,281.57
		For Class 52 Rating, Deduct	*-1,295.80*	
		For Class 54 Rating, Add	*883.50*	
		For Class 55 Rating, Add	*1,963.73*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,994.06	1,283.87
		For Class 52 Rating, Deduct	*-1,325.37*	
		For Class 54 Rating, Add	*903.66*	
		For Class 55 Rating, Add	*2,008.53*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,266.35	1,286.18
		For Class 52 Rating, Deduct	*-1,354.94*	
		For Class 54 Rating, Add	*923.82*	
		For Class 55 Rating, Add	*2,053.34*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,538.66	1,288.49
		For Class 52 Rating, Deduct	*-1,384.50*	
		For Class 54 Rating, Add	*943.98*	
		For Class 55 Rating, Add	*2,098.15*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,810.96	1,290.80
		For Class 52 Rating, Deduct	*-1,414.07*	
		For Class 54 Rating, Add	*964.14*	
		For Class 55 Rating, Add	*2,142.96*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	287.11	112.93
		For Class 52 Rating, Deduct	*-12.76*	
		For Class 54 Rating, Add	*8.70*	
		For Class 55 Rating, Add	*19.34*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	310.90	114.91
		For Class 52 Rating, Deduct	*-15.05*	
		For Class 54 Rating, Add	*10.26*	
		For Class 55 Rating, Add	*22.80*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	334.69	116.88
		For Class 52 Rating, Deduct	*-17.34*	
		For Class 54 Rating, Add	*11.82*	
		For Class 55 Rating, Add	*26.27*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	358.48	118.85
		For Class 52 Rating, Deduct	*-19.62*	
		For Class 54 Rating, Add	*13.38*	
		For Class 55 Rating, Add	*29.74*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	382.27	120.83
		For Class 52 Rating, Deduct	*-21.91*	
		For Class 54 Rating, Add	*14.94*	
		For Class 55 Rating, Add	*33.21*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	406.06	122.80
		For Class 52 Rating, Deduct	*-24.20*	
		For Class 54 Rating, Add	*16.50*	
		For Class 55 Rating, Add	*36.67*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	429.85	124.78
		For Class 52 Rating, Deduct	*-26.49*	
		For Class 54 Rating, Add	*18.06*	
		For Class 55 Rating, Add	*40.14*	
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	453.64	126.75
		For Class 52 Rating, Deduct	*-28.78*	
		For Class 54 Rating, Add	*19.62*	
		For Class 55 Rating, Add	*43.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	477.43	128.73
		For Class 52 Rating, Deduct	*-31.06*	
		For Class 54 Rating, Add	*21.18*	
		For Class 55 Rating, Add	*47.08*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	501.23	130.70
		For Class 52 Rating, Deduct	*-33.35*	
		For Class 54 Rating, Add	*22.74*	
		For Class 55 Rating, Add	*50.54*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	525.02	132.67
		For Class 52 Rating, Deduct	*-35.64*	
		For Class 54 Rating, Add	*24.30*	
		For Class 55 Rating, Add	*54.01*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	548.81	134.65
		For Class 52 Rating, Deduct	*-37.93*	
		For Class 54 Rating, Add	*25.86*	
		For Class 55 Rating, Add	*57.48*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	572.60	136.63
		For Class 52 Rating, Deduct	*-40.22*	
		For Class 54 Rating, Add	*27.42*	
		For Class 55 Rating, Add	*60.95*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	596.39	138.60
		For Class 52 Rating, Deduct	*-42.50*	
		For Class 54 Rating, Add	*28.98*	
		For Class 55 Rating, Add	*64.41*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	620.18	140.57
		For Class 52 Rating, Deduct	*-44.79*	
		For Class 54 Rating, Add	*30.54*	
		For Class 55 Rating, Add	*67.88*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	643.97	142.55
		For Class 52 Rating, Deduct	*-47.08*	
		For Class 54 Rating, Add	*32.10*	
		For Class 55 Rating, Add	*71.35*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	667.76	144.52
		For Class 52 Rating, Deduct	*-49.37*	
		For Class 54 Rating, Add	*33.66*	
		For Class 55 Rating, Add	*74.81*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	691.55	146.49
		For Class 52 Rating, Deduct	*-51.66*	
		For Class 54 Rating, Add	*35.22*	
		For Class 55 Rating, Add	*78.28*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	715.34	148.46
		For Class 52 Rating, Deduct	*-53.94*	
		For Class 54 Rating, Add	*36.78*	
		For Class 55 Rating, Add	*81.75*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	739.14	150.44
		For Class 52 Rating, Deduct	*-56.23*	
		For Class 54 Rating, Add	*38.34*	
		For Class 55 Rating, Add	*85.22*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	762.93	152.42
		For Class 52 Rating, Deduct	*-58.52*	
		For Class 54 Rating, Add	*39.90*	
		For Class 55 Rating, Add	*88.68*	
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	786.72	154.38
		For Class 52 Rating, Deduct	*-60.81*	
		For Class 54 Rating, Add	*41.46*	
		For Class 55 Rating, Add	*92.15*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	810.51	156.36
		For Class 52 Rating, Deduct	*-63.10*	
		For Class 54 Rating, Add	*43.02*	
		For Class 55 Rating, Add	*95.62*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	834.30	158.34
		For Class 52 Rating, Deduct	*-65.38*	
		For Class 54 Rating, Add	*44.58*	
		For Class 55 Rating, Add	*99.09*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	858.10	160.31
		For Class 52 Rating, Deduct	*-67.67*	
		For Class 54 Rating, Add	*46.14*	
		For Class 55 Rating, Add	*102.55*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	881.89	162.28
		For Class 52 Rating, Deduct	*-69.96*	
		For Class 54 Rating, Add	*47.70*	
		For Class 55 Rating, Add	*106.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	905.68	164.26
		For Class 52 Rating, Deduct	*-72.25*	
		For Class 54 Rating, Add	*49.26*	
		For Class 55 Rating, Add	*109.49*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	929.47	166.24
		For Class 52 Rating, Deduct	*-74.54*	
		For Class 54 Rating, Add	*50.82*	
		For Class 55 Rating, Add	*112.96*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	953.26	168.21
		For Class 52 Rating, Deduct	*-76.82*	
		For Class 54 Rating, Add	*52.38*	
		For Class 55 Rating, Add	*116.42*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	977.06	170.18
		For Class 52 Rating, Deduct	*-79.11*	
		For Class 54 Rating, Add	*53.94*	
		For Class 55 Rating, Add	*119.89*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,000.85	172.16
		For Class 52 Rating, Deduct	*-81.40*	
		For Class 54 Rating, Add	*55.50*	
		For Class 55 Rating, Add	*123.36*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,024.64	174.14
		For Class 52 Rating, Deduct	*-83.69*	
		For Class 54 Rating, Add	*57.06*	
		For Class 55 Rating, Add	*126.83*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,048.43	176.11
		For Class 52 Rating, Deduct	*-85.98*	
		For Class 54 Rating, Add	*58.62*	
		For Class 55 Rating, Add	*130.29*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,072.22	178.08
		For Class 52 Rating, Deduct	*-88.26*	
		For Class 54 Rating, Add	*60.18*	
		For Class 55 Rating, Add	*133.76*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,096.01	180.06
		For Class 52 Rating, Deduct	*-90.55*	
		For Class 54 Rating, Add	*61.74*	
		For Class 55 Rating, Add	*137.23*	
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,119.80	182.03
		For Class 52 Rating, Deduct	*-92.84*	
		For Class 54 Rating, Add	*63.30*	
		For Class 55 Rating, Add	*140.69*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,143.59	184.01
		For Class 52 Rating, Deduct	*-95.13*	
		For Class 54 Rating, Add	*64.86*	
		For Class 55 Rating, Add	*144.16*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,167.38	185.98
		For Class 52 Rating, Deduct	*-97.42*	
		For Class 54 Rating, Add	*66.42*	
		For Class 55 Rating, Add	*147.63*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,191.17	187.96
		For Class 52 Rating, Deduct	*-99.70*	
		For Class 54 Rating, Add	*67.98*	
		For Class 55 Rating, Add	*151.10*	
40 05 19 00-1069		6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	360.18	142.16
		For Class 52 Rating, Deduct	*-15.93*	
		For Class 54 Rating, Add	*10.86*	
		For Class 55 Rating, Add	*24.14*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	388.77	144.12
		For Class 52 Rating, Deduct	*-18.74*	
		For Class 54 Rating, Add	*12.78*	
		For Class 55 Rating, Add	*28.41*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	417.36	146.09
		For Class 52 Rating, Deduct	*-21.56*	
		For Class 54 Rating, Add	*14.70*	
		For Class 55 Rating, Add	*32.67*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	445.95	148.07
		For Class 52 Rating, Deduct	*-24.38*	
		For Class 54 Rating, Add	*16.62*	
		For Class 55 Rating, Add	*36.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	474.55	150.05
		For Class 52 Rating, Deduct	*-27.19*	
		For Class 54 Rating, Add	*18.54*	
		For Class 55 Rating, Add	*41.21*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	503.14	152.01
		For Class 52 Rating, Deduct	*-30.01*	
		For Class 54 Rating, Add	*20.46*	
		For Class 55 Rating, Add	*45.48*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	531.73	153.99
		For Class 52 Rating, Deduct	*-32.82*	
		For Class 54 Rating, Add	*22.38*	
		For Class 55 Rating, Add	*49.74*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	560.32	155.97
		For Class 52 Rating, Deduct	*-35.64*	
		For Class 54 Rating, Add	*24.30*	
		For Class 55 Rating, Add	*54.01*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	588.91	157.95
		For Class 52 Rating, Deduct	*-38.46*	
		For Class 54 Rating, Add	*26.22*	
		For Class 55 Rating, Add	*58.28*	
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	617.50	159.91
		For Class 52 Rating, Deduct	*-41.27*	
		For Class 54 Rating, Add	*28.14*	
		For Class 55 Rating, Add	*62.55*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	646.09	161.89
		For Class 52 Rating, Deduct	*-44.09*	
		For Class 54 Rating, Add	*30.06*	
		For Class 55 Rating, Add	*66.81*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	674.68	163.87
		For Class 52 Rating, Deduct	*-46.90*	
		For Class 54 Rating, Add	*31.98*	
		For Class 55 Rating, Add	*71.08*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	703.27	165.84
		For Class 52 Rating, Deduct	*-49.72*	
		For Class 54 Rating, Add	*33.90*	
		For Class 55 Rating, Add	*75.35*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	731.86	167.81
		For Class 52 Rating, Deduct	*-52.54*	
		For Class 54 Rating, Add	*35.82*	
		For Class 55 Rating, Add	*79.62*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	760.46	169.79
		For Class 52 Rating, Deduct	*-55.35*	
		For Class 54 Rating, Add	*37.74*	
		For Class 55 Rating, Add	*83.88*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	789.05	171.77
		For Class 52 Rating, Deduct	*-58.17*	
		For Class 54 Rating, Add	*39.66*	
		For Class 55 Rating, Add	*88.15*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	817.64	173.74
		For Class 52 Rating, Deduct	*-60.98*	
		For Class 54 Rating, Add	*41.58*	
		For Class 55 Rating, Add	*92.42*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	846.23	175.71
		For Class 52 Rating, Deduct	*-63.80*	
		For Class 54 Rating, Add	*43.50*	
		For Class 55 Rating, Add	*96.69*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	874.82	177.69
		For Class 52 Rating, Deduct	*-66.62*	
		For Class 54 Rating, Add	*45.42*	
		For Class 55 Rating, Add	*100.95*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	903.41	179.67
		For Class 52 Rating, Deduct	*-69.43*	
		For Class 54 Rating, Add	*47.34*	
		For Class 55 Rating, Add	*105.22*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	932.00	181.64
		For Class 52 Rating, Deduct	*-72.25*	
		For Class 54 Rating, Add	*49.26*	
		For Class 55 Rating, Add	*109.49*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	960.59	183.61
		For Class 52 Rating, Deduct	*-75.06*	
		For Class 54 Rating, Add	*51.18*	
		For Class 55 Rating, Add	*113.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	989.19	185.59
		For Class 52 Rating, Deduct	*-77.88*	
		For Class 54 Rating, Add	*53.10*	
		For Class 55 Rating, Add	*118.02*	
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,017.78	187.56
		For Class 52 Rating, Deduct	*-80.70*	
		For Class 54 Rating, Add	*55.02*	
		For Class 55 Rating, Add	*122.29*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,046.38	189.53
		For Class 52 Rating, Deduct	*-83.51*	
		For Class 54 Rating, Add	*56.94*	
		For Class 55 Rating, Add	*126.56*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,074.97	191.51
		For Class 52 Rating, Deduct	*-86.33*	
		For Class 54 Rating, Add	*58.86*	
		For Class 55 Rating, Add	*130.83*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,103.56	193.49
		For Class 52 Rating, Deduct	*-89.14*	
		For Class 54 Rating, Add	*60.78*	
		For Class 55 Rating, Add	*135.09*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,132.15	195.46
		For Class 52 Rating, Deduct	*-91.96*	
		For Class 54 Rating, Add	*62.70*	
		For Class 55 Rating, Add	*139.36*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,160.74	197.43
		For Class 52 Rating, Deduct	*-94.78*	
		For Class 54 Rating, Add	*64.62*	
		For Class 55 Rating, Add	*143.63*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,189.33	199.41
		For Class 52 Rating, Deduct	*-97.59*	
		For Class 54 Rating, Add	*66.54*	
		For Class 55 Rating, Add	*147.90*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,217.92	201.37
		For Class 52 Rating, Deduct	*-100.41*	
		For Class 54 Rating, Add	*68.46*	
		For Class 55 Rating, Add	*152.16*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,246.51	203.35
		For Class 52 Rating, Deduct	*-103.22*	
		For Class 54 Rating, Add	*70.38*	
		For Class 55 Rating, Add	*156.43*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,275.10	205.32
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,303.69	207.30
		For Class 52 Rating, Deduct	*-108.86*	
		For Class 54 Rating, Add	*74.22*	
		For Class 55 Rating, Add	*164.97*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,332.28	209.27
		For Class 52 Rating, Deduct	*-111.67*	
		For Class 54 Rating, Add	*76.14*	
		For Class 55 Rating, Add	*169.23*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,360.88	211.25
		For Class 52 Rating, Deduct	*-114.49*	
		For Class 54 Rating, Add	*78.06*	
		For Class 55 Rating, Add	*173.50*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,389.47	213.22
		For Class 52 Rating, Deduct	*-117.30*	
		For Class 54 Rating, Add	*79.98*	
		For Class 55 Rating, Add	*177.77*	
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,418.06	215.19
		For Class 52 Rating, Deduct	*-120.12*	
		For Class 54 Rating, Add	*81.90*	
		For Class 55 Rating, Add	*182.04*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,446.65	217.17
		For Class 52 Rating, Deduct	*-122.94*	
		For Class 54 Rating, Add	*83.82*	
		For Class 55 Rating, Add	*186.30*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	485.60	181.64
		For Class 52 Rating, Deduct	*-23.14*	
		For Class 54 Rating, Add	*15.78*	
		For Class 55 Rating, Add	*35.07*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	523.79	183.61
		For Class 52 Rating, Deduct	*-27.02*	
		For Class 54 Rating, Add	*18.42*	
		For Class 55 Rating, Add	*40.94*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	561.99	185.59
		For Class 52 Rating, Deduct	*-30.89*	
		For Class 54 Rating, Add	*21.06*	
		For Class 55 Rating, Add	*46.81*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	600.18	187.56
		For Class 52 Rating, Deduct	*-34.76*	
		For Class 54 Rating, Add	*23.70*	
		For Class 55 Rating, Add	*52.68*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	638.38	189.53
		For Class 52 Rating, Deduct	*-38.63*	
		For Class 54 Rating, Add	*26.34*	
		For Class 55 Rating, Add	*58.55*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	676.57	191.51
		For Class 52 Rating, Deduct	*-42.50*	
		For Class 54 Rating, Add	*28.98*	
		For Class 55 Rating, Add	*64.41*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	714.76	193.49
		For Class 52 Rating, Deduct	*-46.38*	
		For Class 54 Rating, Add	*31.62*	
		For Class 55 Rating, Add	*70.28*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	752.95	195.46
		For Class 52 Rating, Deduct	*-50.25*	
		For Class 54 Rating, Add	*34.26*	
		For Class 55 Rating, Add	*76.15*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	791.14	197.43
		For Class 52 Rating, Deduct	*-54.12*	
		For Class 54 Rating, Add	*36.90*	
		For Class 55 Rating, Add	*82.02*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	829.33	199.41
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	867.52	201.37
		For Class 52 Rating, Deduct	*-61.86*	
		For Class 54 Rating, Add	*42.18*	
		For Class 55 Rating, Add	*93.75*	
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	905.71	203.35
		For Class 52 Rating, Deduct	*-65.74*	
		For Class 54 Rating, Add	*44.82*	
		For Class 55 Rating, Add	*99.62*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	943.90	205.32
		For Class 52 Rating, Deduct	*-69.61*	
		For Class 54 Rating, Add	*47.46*	
		For Class 55 Rating, Add	*105.49*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	982.09	207.30
		For Class 52 Rating, Deduct	*-73.48*	
		For Class 54 Rating, Add	*50.10*	
		For Class 55 Rating, Add	*111.36*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,020.28	209.27
		For Class 52 Rating, Deduct	*-77.35*	
		For Class 54 Rating, Add	*52.74*	
		For Class 55 Rating, Add	*117.22*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,058.48	211.25
		For Class 52 Rating, Deduct	*-81.22*	
		For Class 54 Rating, Add	*55.38*	
		For Class 55 Rating, Add	*123.09*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,096.67	213.22
		For Class 52 Rating, Deduct	*-85.10*	
		For Class 54 Rating, Add	*58.02*	
		For Class 55 Rating, Add	*128.96*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,134.86	215.19
		For Class 52 Rating, Deduct	*-88.97*	
		For Class 54 Rating, Add	*60.66*	
		For Class 55 Rating, Add	*134.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.05	217.17
		For Class 52 Rating, Deduct	*-92.84*	
		For Class 54 Rating, Add	*63.30*	
		For Class 55 Rating, Add	*140.69*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,211.24	219.15
		For Class 52 Rating, Deduct	*-96.71*	
		For Class 54 Rating, Add	*65.94*	
		For Class 55 Rating, Add	*146.56*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,249.43	221.12
		For Class 52 Rating, Deduct	*-100.58*	
		For Class 54 Rating, Add	*68.58*	
		For Class 55 Rating, Add	*152.43*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,287.62	223.09
		For Class 52 Rating, Deduct	*-104.46*	
		For Class 54 Rating, Add	*71.22*	
		For Class 55 Rating, Add	*158.30*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,325.81	225.07
		For Class 52 Rating, Deduct	*-108.33*	
		For Class 54 Rating, Add	*73.86*	
		For Class 55 Rating, Add	*164.17*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,364.00	227.05
		For Class 52 Rating, Deduct	*-112.20*	
		For Class 54 Rating, Add	*76.50*	
		For Class 55 Rating, Add	*170.03*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,402.19	229.02
		For Class 52 Rating, Deduct	*-116.07*	
		For Class 54 Rating, Add	*79.14*	
		For Class 55 Rating, Add	*175.90*	
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,440.39	230.99
		For Class 52 Rating, Deduct	*-119.94*	
		For Class 54 Rating, Add	*81.78*	
		For Class 55 Rating, Add	*181.77*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,478.58	232.97
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*84.42*	
		For Class 55 Rating, Add	*187.64*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,516.77	234.95
		For Class 52 Rating, Deduct	*-127.69*	
		For Class 54 Rating, Add	*87.06*	
		For Class 55 Rating, Add	*193.51*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,554.96	236.91
		For Class 52 Rating, Deduct	*-131.56*	
		For Class 54 Rating, Add	*89.70*	
		For Class 55 Rating, Add	*199.37*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,593.16	238.89
		For Class 52 Rating, Deduct	*-135.43*	
		For Class 54 Rating, Add	*92.34*	
		For Class 55 Rating, Add	*205.24*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,631.35	240.87
		For Class 52 Rating, Deduct	*-139.30*	
		For Class 54 Rating, Add	*94.98*	
		For Class 55 Rating, Add	*211.11*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,669.54	242.85
		For Class 52 Rating, Deduct	*-143.18*	
		For Class 54 Rating, Add	*97.62*	
		For Class 55 Rating, Add	*216.98*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,707.73	244.81
		For Class 52 Rating, Deduct	*-147.05*	
		For Class 54 Rating, Add	*100.26*	
		For Class 55 Rating, Add	*222.84*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,745.92	246.79
		For Class 52 Rating, Deduct	*-150.92*	
		For Class 54 Rating, Add	*102.90*	
		For Class 55 Rating, Add	*228.71*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,784.11	248.77
		For Class 52 Rating, Deduct	*-154.79*	
		For Class 54 Rating, Add	*105.54*	
		For Class 55 Rating, Add	*234.58*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,822.31	250.74
		For Class 52 Rating, Deduct	*-158.66*	
		For Class 54 Rating, Add	*108.18*	
		For Class 55 Rating, Add	*240.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,860.50	252.71
		For Class 52 Rating, Deduct	*-162.54*	
		For Class 54 Rating, Add	*110.82*	
		For Class 55 Rating, Add	*246.32*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,898.69	254.69
		For Class 52 Rating, Deduct	*-166.41*	
		For Class 54 Rating, Add	*113.46*	
		For Class 55 Rating, Add	*252.18*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,936.88	256.67
		For Class 52 Rating, Deduct	*-170.28*	
		For Class 54 Rating, Add	*116.10*	
		For Class 55 Rating, Add	*258.05*	

40 05 19 00-1149 10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	606.23	221.12
		For Class 52 Rating, Deduct	*-29.83*	
		For Class 54 Rating, Add	*20.34*	
		For Class 55 Rating, Add	*45.21*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	655.62	223.09
		For Class 52 Rating, Deduct	*-34.94*	
		For Class 54 Rating, Add	*23.82*	
		For Class 55 Rating, Add	*52.94*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	705.01	225.07
		For Class 52 Rating, Deduct	*-40.04*	
		For Class 54 Rating, Add	*27.30*	
		For Class 55 Rating, Add	*60.68*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	754.40	227.05
		For Class 52 Rating, Deduct	*-45.14*	
		For Class 54 Rating, Add	*30.78*	
		For Class 55 Rating, Add	*68.41*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	803.79	229.02
		For Class 52 Rating, Deduct	*-50.25*	
		For Class 54 Rating, Add	*34.26*	
		For Class 55 Rating, Add	*76.15*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	853.19	230.99
		For Class 52 Rating, Deduct	*-55.35*	
		For Class 54 Rating, Add	*37.74*	
		For Class 55 Rating, Add	*83.88*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	902.58	232.97
		For Class 52 Rating, Deduct	*-60.46*	
		For Class 54 Rating, Add	*41.22*	
		For Class 55 Rating, Add	*91.62*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	951.97	234.95
		For Class 52 Rating, Deduct	*-65.56*	
		For Class 54 Rating, Add	*44.70*	
		For Class 55 Rating, Add	*99.35*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,001.36	236.91
		For Class 52 Rating, Deduct	*-70.66*	
		For Class 54 Rating, Add	*48.18*	
		For Class 55 Rating, Add	*107.09*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,050.76	238.89
		For Class 52 Rating, Deduct	*-75.77*	
		For Class 54 Rating, Add	*51.66*	
		For Class 55 Rating, Add	*114.82*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,100.15	240.87
		For Class 52 Rating, Deduct	*-80.87*	
		For Class 54 Rating, Add	*55.14*	
		For Class 55 Rating, Add	*122.56*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,149.54	242.85
		For Class 52 Rating, Deduct	*-85.98*	
		For Class 54 Rating, Add	*58.62*	
		For Class 55 Rating, Add	*130.29*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,198.93	244.81
		For Class 52 Rating, Deduct	*-91.08*	
		For Class 54 Rating, Add	*62.10*	
		For Class 55 Rating, Add	*138.03*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,248.32	246.79
		For Class 52 Rating, Deduct	*-96.18*	
		For Class 54 Rating, Add	*65.58*	
		For Class 55 Rating, Add	*145.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,297.71	248.77
		For Class 52 Rating, Deduct	*-101.29*	
		For Class 54 Rating, Add	*69.06*	
		For Class 55 Rating, Add	*153.50*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,347.11	250.74
		For Class 52 Rating, Deduct	*-106.39*	
		For Class 54 Rating, Add	*72.54*	
		For Class 55 Rating, Add	*161.23*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,396.50	252.71
		For Class 52 Rating, Deduct	*-111.50*	
		For Class 54 Rating, Add	*76.02*	
		For Class 55 Rating, Add	*168.97*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,445.89	254.69
		For Class 52 Rating, Deduct	*-116.60*	
		For Class 54 Rating, Add	*79.50*	
		For Class 55 Rating, Add	*176.70*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,495.28	256.67
		For Class 52 Rating, Deduct	*-121.70*	
		For Class 54 Rating, Add	*82.98*	
		For Class 55 Rating, Add	*184.44*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,544.67	258.63
		For Class 52 Rating, Deduct	*-126.81*	
		For Class 54 Rating, Add	*86.46*	
		For Class 55 Rating, Add	*192.17*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,594.06	260.60
		For Class 52 Rating, Deduct	*-131.91*	
		For Class 54 Rating, Add	*89.94*	
		For Class 55 Rating, Add	*199.91*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,643.45	262.58
		For Class 52 Rating, Deduct	*-137.02*	
		For Class 54 Rating, Add	*93.42*	
		For Class 55 Rating, Add	*207.64*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,692.84	264.55
		For Class 52 Rating, Deduct	*-142.12*	
		For Class 54 Rating, Add	*96.90*	
		For Class 55 Rating, Add	*215.38*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,742.23	266.53
		For Class 52 Rating, Deduct	*-147.22*	
		For Class 54 Rating, Add	*100.38*	
		For Class 55 Rating, Add	*223.11*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,791.62	268.50
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,841.02	270.48
		For Class 52 Rating, Deduct	*-157.43*	
		For Class 54 Rating, Add	*107.34*	
		For Class 55 Rating, Add	*238.58*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,890.41	272.45
		For Class 52 Rating, Deduct	*-162.54*	
		For Class 54 Rating, Add	*110.82*	
		For Class 55 Rating, Add	*246.32*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,939.80	274.43
		For Class 52 Rating, Deduct	*-167.64*	
		For Class 54 Rating, Add	*114.30*	
		For Class 55 Rating, Add	*254.05*	
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,989.19	276.40
		For Class 52 Rating, Deduct	*-172.74*	
		For Class 54 Rating, Add	*117.78*	
		For Class 55 Rating, Add	*261.79*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,038.58	278.38
		For Class 52 Rating, Deduct	*-177.85*	
		For Class 54 Rating, Add	*121.26*	
		For Class 55 Rating, Add	*269.52*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,087.97	280.35
		For Class 52 Rating, Deduct	*-182.95*	
		For Class 54 Rating, Add	*124.74*	
		For Class 55 Rating, Add	*277.26*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,137.36	282.32
		For Class 52 Rating, Deduct	*-188.06*	
		For Class 54 Rating, Add	*128.22*	
		For Class 55 Rating, Add	*284.99*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,186.75	284.30
		For Class 52 Rating, Deduct		*-193.16*	
		For Class 54 Rating, Add		*131.70*	
		For Class 55 Rating, Add		*292.73*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,236.14	286.27
		For Class 52 Rating, Deduct		*-198.26*	
		For Class 54 Rating, Add		*135.18*	
		For Class 55 Rating, Add		*300.46*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,285.53	288.25
		For Class 52 Rating, Deduct		*-203.37*	
		For Class 54 Rating, Add		*138.66*	
		For Class 55 Rating, Add		*308.19*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,334.93	290.22
		For Class 52 Rating, Deduct		*-208.47*	
		For Class 54 Rating, Add		*142.14*	
		For Class 55 Rating, Add		*315.93*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,384.33	292.20
		For Class 52 Rating, Deduct		*-213.58*	
		For Class 54 Rating, Add		*145.62*	
		For Class 55 Rating, Add		*323.66*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,433.72	294.17
		For Class 52 Rating, Deduct		*-218.68*	
		For Class 54 Rating, Add		*149.10*	
		For Class 55 Rating, Add		*331.40*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,483.11	296.15
		For Class 52 Rating, Deduct		*-223.78*	
		For Class 54 Rating, Add		*152.58*	
		For Class 55 Rating, Add		*339.13*	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		780.39	276.40
		For Class 52 Rating, Deduct		*-39.78*	
		For Class 54 Rating, Add		*27.12*	
		For Class 55 Rating, Add		*60.28*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		841.78	278.38
		For Class 52 Rating, Deduct		*-46.20*	
		For Class 54 Rating, Add		*31.50*	
		For Class 55 Rating, Add		*70.01*	
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		903.17	280.35
		For Class 52 Rating, Deduct		*-52.62*	
		For Class 54 Rating, Add		*35.88*	
		For Class 55 Rating, Add		*79.75*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		964.56	282.32
		For Class 52 Rating, Deduct		*-59.05*	
		For Class 54 Rating, Add		*40.26*	
		For Class 55 Rating, Add		*89.48*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,025.95	284.30
		For Class 52 Rating, Deduct		*-65.47*	
		For Class 54 Rating, Add		*44.64*	
		For Class 55 Rating, Add		*99.22*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,087.34	286.27
		For Class 52 Rating, Deduct		*-71.90*	
		For Class 54 Rating, Add		*49.02*	
		For Class 55 Rating, Add		*108.96*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,148.73	288.25
		For Class 52 Rating, Deduct		*-78.32*	
		For Class 54 Rating, Add		*53.40*	
		For Class 55 Rating, Add		*118.69*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,210.13	290.22
		For Class 52 Rating, Deduct		*-84.74*	
		For Class 54 Rating, Add		*57.78*	
		For Class 55 Rating, Add		*128.43*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,271.53	292.20
		For Class 52 Rating, Deduct		*-91.17*	
		For Class 54 Rating, Add		*62.16*	
		For Class 55 Rating, Add		*138.16*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,332.92	294.17
		For Class 52 Rating, Deduct		*-97.59*	
		For Class 54 Rating, Add		*66.54*	
		For Class 55 Rating, Add		*147.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,394.31	296.15
		For Class 52 Rating, Deduct	*-104.02*	
		For Class 54 Rating, Add	*70.92*	
		For Class 55 Rating, Add	*157.63*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,455.70	298.12
		For Class 52 Rating, Deduct	*-110.44*	
		For Class 54 Rating, Add	*75.30*	
		For Class 55 Rating, Add	*167.37*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,517.09	300.09
		For Class 52 Rating, Deduct	*-116.86*	
		For Class 54 Rating, Add	*79.68*	
		For Class 55 Rating, Add	*177.10*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,578.48	302.07
		For Class 52 Rating, Deduct	*-123.29*	
		For Class 54 Rating, Add	*84.06*	
		For Class 55 Rating, Add	*186.84*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,639.87	304.05
		For Class 52 Rating, Deduct	*-129.71*	
		For Class 54 Rating, Add	*88.44*	
		For Class 55 Rating, Add	*196.57*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,701.26	306.02
		For Class 52 Rating, Deduct	*-136.14*	
		For Class 54 Rating, Add	*92.82*	
		For Class 55 Rating, Add	*206.31*	
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,762.65	307.99
		For Class 52 Rating, Deduct	*-142.56*	
		For Class 54 Rating, Add	*97.20*	
		For Class 55 Rating, Add	*216.04*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,824.05	309.97
		For Class 52 Rating, Deduct	*-148.98*	
		For Class 54 Rating, Add	*101.58*	
		For Class 55 Rating, Add	*225.78*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,885.44	311.95
		For Class 52 Rating, Deduct	*-155.41*	
		For Class 54 Rating, Add	*105.96*	
		For Class 55 Rating, Add	*235.51*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,946.83	313.90
		For Class 52 Rating, Deduct	*-161.83*	
		For Class 54 Rating, Add	*110.34*	
		For Class 55 Rating, Add	*245.25*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,008.22	315.88
		For Class 52 Rating, Deduct	*-168.26*	
		For Class 54 Rating, Add	*114.72*	
		For Class 55 Rating, Add	*254.98*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,069.61	317.86
		For Class 52 Rating, Deduct	*-174.68*	
		For Class 54 Rating, Add	*119.10*	
		For Class 55 Rating, Add	*264.72*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,131.00	319.84
		For Class 52 Rating, Deduct	*-181.10*	
		For Class 54 Rating, Add	*123.48*	
		For Class 55 Rating, Add	*274.45*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,192.39	321.80
		For Class 52 Rating, Deduct	*-187.53*	
		For Class 54 Rating, Add	*127.86*	
		For Class 55 Rating, Add	*284.19*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,253.78	323.78
		For Class 52 Rating, Deduct	*-193.95*	
		For Class 54 Rating, Add	*132.24*	
		For Class 55 Rating, Add	*293.93*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,315.17	325.76
		For Class 52 Rating, Deduct	*-200.38*	
		For Class 54 Rating, Add	*136.62*	
		For Class 55 Rating, Add	*303.66*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,376.56	327.74
		For Class 52 Rating, Deduct	*-206.80*	
		For Class 54 Rating, Add	*141.00*	
		For Class 55 Rating, Add	*313.40*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.96	329.70
		For Class 52 Rating, Deduct	*-213.22*	
		For Class 54 Rating, Add	*145.38*	
		For Class 55 Rating, Add	*323.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,499.35	331.68
		For Class 52 Rating, Deduct	*-219.65*	
		For Class 54 Rating, Add	*149.76*	
		For Class 55 Rating, Add	*332.87*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,560.74	333.66
		For Class 52 Rating, Deduct	*-226.07*	
		For Class 54 Rating, Add	*154.14*	
		For Class 55 Rating, Add	*342.60*	
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,622.13	335.63
		For Class 52 Rating, Deduct	*-232.50*	
		For Class 54 Rating, Add	*158.52*	
		For Class 55 Rating, Add	*352.34*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,683.52	337.60
		For Class 52 Rating, Deduct	*-238.92*	
		For Class 54 Rating, Add	*162.90*	
		For Class 55 Rating, Add	*362.07*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,744.91	339.58
		For Class 52 Rating, Deduct	*-245.34*	
		For Class 54 Rating, Add	*167.28*	
		For Class 55 Rating, Add	*371.81*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,806.30	341.56
		For Class 52 Rating, Deduct	*-251.77*	
		For Class 54 Rating, Add	*171.66*	
		For Class 55 Rating, Add	*381.54*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,867.69	343.53
		For Class 52 Rating, Deduct	*-258.19*	
		For Class 54 Rating, Add	*176.04*	
		For Class 55 Rating, Add	*391.28*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,929.09	345.50
		For Class 52 Rating, Deduct	*-264.62*	
		For Class 54 Rating, Add	*180.42*	
		For Class 55 Rating, Add	*401.01*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,990.48	347.48
		For Class 52 Rating, Deduct	*-271.04*	
		For Class 54 Rating, Add	*184.80*	
		For Class 55 Rating, Add	*410.75*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,051.88	349.45
		For Class 52 Rating, Deduct	*-277.46*	
		For Class 54 Rating, Add	*189.18*	
		For Class 55 Rating, Add	*420.48*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,113.27	351.43
		For Class 52 Rating, Deduct	*-283.89*	
		For Class 54 Rating, Add	*193.56*	
		For Class 55 Rating, Add	*430.22*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,018.55	331.68
		For Class 52 Rating, Deduct	*-56.76*	
		For Class 54 Rating, Add	*38.70*	
		For Class 55 Rating, Add	*86.02*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,092.74	333.66
		For Class 52 Rating, Deduct	*-64.59*	
		For Class 54 Rating, Add	*44.04*	
		For Class 55 Rating, Add	*97.89*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,166.93	335.63
		For Class 52 Rating, Deduct	*-72.42*	
		For Class 54 Rating, Add	*49.38*	
		For Class 55 Rating, Add	*109.76*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,241.12	337.60
		For Class 52 Rating, Deduct	*-80.26*	
		For Class 54 Rating, Add	*54.72*	
		For Class 55 Rating, Add	*121.62*	
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,315.31	339.58
		For Class 52 Rating, Deduct	*-88.09*	
		For Class 54 Rating, Add	*60.06*	
		For Class 55 Rating, Add	*133.49*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,389.50	341.56
		For Class 52 Rating, Deduct	*-95.92*	
		For Class 54 Rating, Add	*65.40*	
		For Class 55 Rating, Add	*145.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,463.69	343.53
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,537.89	345.50
		For Class 52 Rating, Deduct	*-111.58*	
		For Class 54 Rating, Add	*76.08*	
		For Class 55 Rating, Add	*169.10*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,612.08	347.48
		For Class 52 Rating, Deduct	*-119.42*	
		For Class 54 Rating, Add	*81.42*	
		For Class 55 Rating, Add	*180.97*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,686.28	349.45
		For Class 52 Rating, Deduct	*-127.25*	
		For Class 54 Rating, Add	*86.76*	
		For Class 55 Rating, Add	*192.84*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,760.47	351.43
		For Class 52 Rating, Deduct	*-135.08*	
		For Class 54 Rating, Add	*92.10*	
		For Class 55 Rating, Add	*204.71*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,834.66	353.40
		For Class 52 Rating, Deduct	*-142.91*	
		For Class 54 Rating, Add	*97.44*	
		For Class 55 Rating, Add	*216.58*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,908.85	355.38
		For Class 52 Rating, Deduct	*-150.74*	
		For Class 54 Rating, Add	*102.78*	
		For Class 55 Rating, Add	*228.45*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,983.04	357.35
		For Class 52 Rating, Deduct	*-158.58*	
		For Class 54 Rating, Add	*108.12*	
		For Class 55 Rating, Add	*240.31*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,057.23	359.33
		For Class 52 Rating, Deduct	*-166.41*	
		For Class 54 Rating, Add	*113.46*	
		For Class 55 Rating, Add	*252.18*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,131.42	361.30
		For Class 52 Rating, Deduct	*-174.24*	
		For Class 54 Rating, Add	*118.80*	
		For Class 55 Rating, Add	*264.05*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.61	363.27
		For Class 52 Rating, Deduct	*-182.07*	
		For Class 54 Rating, Add	*124.14*	
		For Class 55 Rating, Add	*275.92*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,279.80	365.25
		For Class 52 Rating, Deduct	*-189.90*	
		For Class 54 Rating, Add	*129.48*	
		For Class 55 Rating, Add	*287.79*	
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,353.99	367.22
		For Class 52 Rating, Deduct	*-197.74*	
		For Class 54 Rating, Add	*134.82*	
		For Class 55 Rating, Add	*299.66*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,428.19	369.20
		For Class 52 Rating, Deduct	*-205.57*	
		For Class 54 Rating, Add	*140.16*	
		For Class 55 Rating, Add	*311.53*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,502.38	371.16
		For Class 52 Rating, Deduct	*-213.40*	
		For Class 54 Rating, Add	*145.50*	
		For Class 55 Rating, Add	*323.40*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,576.57	373.14
		For Class 52 Rating, Deduct	*-221.23*	
		For Class 54 Rating, Add	*150.84*	
		For Class 55 Rating, Add	*335.27*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,650.76	375.11
		For Class 52 Rating, Deduct	*-229.06*	
		For Class 54 Rating, Add	*156.18*	
		For Class 55 Rating, Add	*347.14*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,724.95	377.09
		For Class 52 Rating, Deduct	*-236.90*	
		For Class 54 Rating, Add	*161.52*	
		For Class 55 Rating, Add	*359.01*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,799.14	379.06
		For Class 52 Rating, Deduct	*-244.73*	
		For Class 54 Rating, Add	*166.86*	
		For Class 55 Rating, Add	*370.87*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,873.33	381.04
		For Class 52 Rating, Deduct	*-252.56*	
		For Class 54 Rating, Add	*172.20*	
		For Class 55 Rating, Add	*382.74*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,947.52	383.01
		For Class 52 Rating, Deduct	*-260.39*	
		For Class 54 Rating, Add	*177.54*	
		For Class 55 Rating, Add	*394.61*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,021.71	384.98
		For Class 52 Rating, Deduct	*-268.22*	
		For Class 54 Rating, Add	*182.88*	
		For Class 55 Rating, Add	*406.48*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,095.90	386.96
		For Class 52 Rating, Deduct	*-276.06*	
		For Class 54 Rating, Add	*188.22*	
		For Class 55 Rating, Add	*418.35*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,170.09	388.94
		For Class 52 Rating, Deduct	*-283.89*	
		For Class 54 Rating, Add	*193.56*	
		For Class 55 Rating, Add	*430.22*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,244.29	390.91
		For Class 52 Rating, Deduct	*-291.72*	
		For Class 54 Rating, Add	*198.90*	
		For Class 55 Rating, Add	*442.09*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,318.48	392.88
		For Class 52 Rating, Deduct	*-299.55*	
		For Class 54 Rating, Add	*204.24*	
		For Class 55 Rating, Add	*453.96*	
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,392.67	394.86
		For Class 52 Rating, Deduct	*-307.38*	
		For Class 54 Rating, Add	*209.58*	
		For Class 55 Rating, Add	*465.83*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,466.86	396.84
		For Class 52 Rating, Deduct	*-315.22*	
		For Class 54 Rating, Add	*214.92*	
		For Class 55 Rating, Add	*477.70*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.06	398.80
		For Class 52 Rating, Deduct	*-323.05*	
		For Class 54 Rating, Add	*220.26*	
		For Class 55 Rating, Add	*489.56*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,615.25	400.78
		For Class 52 Rating, Deduct	*-330.88*	
		For Class 54 Rating, Add	*225.60*	
		For Class 55 Rating, Add	*501.43*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,689.44	402.76
		For Class 52 Rating, Deduct	*-338.71*	
		For Class 54 Rating, Add	*230.94*	
		For Class 55 Rating, Add	*513.30*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,763.63	404.74
		For Class 52 Rating, Deduct	*-346.54*	
		For Class 54 Rating, Add	*236.28*	
		For Class 55 Rating, Add	*525.17*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,184.74	379.06
		For Class 52 Rating, Deduct	*-67.14*	
		For Class 54 Rating, Add	*45.78*	
		For Class 55 Rating, Add	*101.75*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,270.93	381.04
		For Class 52 Rating, Deduct	*-76.30*	
		For Class 54 Rating, Add	*52.02*	
		For Class 55 Rating, Add	*115.62*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,357.12	383.01
		For Class 52 Rating, Deduct	*-85.45*	
		For Class 54 Rating, Add	*58.26*	
		For Class 55 Rating, Add	*129.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,443.31	384.98
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,529.50	386.96
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,615.69	388.94
		For Class 52 Rating, Deduct	*-112.90*	
		For Class 54 Rating, Add	*76.98*	
		For Class 55 Rating, Add	*171.10*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,701.89	390.91
		For Class 52 Rating, Deduct	*-122.06*	
		For Class 54 Rating, Add	*83.22*	
		For Class 55 Rating, Add	*184.97*	
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,788.08	392.88
		For Class 52 Rating, Deduct	*-131.21*	
		For Class 54 Rating, Add	*89.46*	
		For Class 55 Rating, Add	*198.84*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,874.27	394.86
		For Class 52 Rating, Deduct	*-140.36*	
		For Class 54 Rating, Add	*95.70*	
		For Class 55 Rating, Add	*212.71*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,960.46	396.84
		For Class 52 Rating, Deduct	*-149.51*	
		For Class 54 Rating, Add	*101.94*	
		For Class 55 Rating, Add	*226.58*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,046.66	398.80
		For Class 52 Rating, Deduct	*-158.66*	
		For Class 54 Rating, Add	*108.18*	
		For Class 55 Rating, Add	*240.45*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,132.85	400.78
		For Class 52 Rating, Deduct	*-167.82*	
		For Class 54 Rating, Add	*114.42*	
		For Class 55 Rating, Add	*254.32*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,219.04	402.76
		For Class 52 Rating, Deduct	*-176.97*	
		For Class 54 Rating, Add	*120.66*	
		For Class 55 Rating, Add	*268.19*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,305.23	404.74
		For Class 52 Rating, Deduct	*-186.12*	
		For Class 54 Rating, Add	*126.90*	
		For Class 55 Rating, Add	*282.06*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,391.42	406.70
		For Class 52 Rating, Deduct	*-195.27*	
		For Class 54 Rating, Add	*133.14*	
		For Class 55 Rating, Add	*295.93*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,477.61	408.68
		For Class 52 Rating, Deduct	*-204.42*	
		For Class 54 Rating, Add	*139.38*	
		For Class 55 Rating, Add	*309.80*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,563.81	410.66
		For Class 52 Rating, Deduct	*-213.58*	
		For Class 54 Rating, Add	*145.62*	
		For Class 55 Rating, Add	*323.66*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,650.00	412.63
		For Class 52 Rating, Deduct	*-222.73*	
		For Class 54 Rating, Add	*151.86*	
		For Class 55 Rating, Add	*337.53*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,736.19	414.60
		For Class 52 Rating, Deduct	*-231.88*	
		For Class 54 Rating, Add	*158.10*	
		For Class 55 Rating, Add	*351.40*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,822.38	416.58
		For Class 52 Rating, Deduct	*-241.03*	
		For Class 54 Rating, Add	*164.34*	
		For Class 55 Rating, Add	*365.27*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,908.57	418.56
		For Class 52 Rating, Deduct	*-250.18*	
		For Class 54 Rating, Add	*170.58*	
		For Class 55 Rating, Add	*379.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,994.76	420.53
		For Class 52 Rating, Deduct	*-259.34*	
		For Class 54 Rating, Add	*176.82*	
		For Class 55 Rating, Add	*393.01*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,080.95	422.50
		For Class 52 Rating, Deduct	*-268.49*	
		For Class 54 Rating, Add	*183.06*	
		For Class 55 Rating, Add	*406.88*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,167.14	424.48
		For Class 52 Rating, Deduct	*-277.64*	
		For Class 54 Rating, Add	*189.30*	
		For Class 55 Rating, Add	*420.75*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,253.33	426.46
		For Class 52 Rating, Deduct	*-286.79*	
		For Class 54 Rating, Add	*195.54*	
		For Class 55 Rating, Add	*434.62*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,339.52	428.42
		For Class 52 Rating, Deduct	*-295.94*	
		For Class 54 Rating, Add	*201.78*	
		For Class 55 Rating, Add	*448.49*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,425.72	430.39
		For Class 52 Rating, Deduct	*-305.10*	
		For Class 54 Rating, Add	*208.02*	
		For Class 55 Rating, Add	*462.36*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,511.91	432.37
		For Class 52 Rating, Deduct	*-314.25*	
		For Class 54 Rating, Add	*214.26*	
		For Class 55 Rating, Add	*476.23*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,598.10	434.34
		For Class 52 Rating, Deduct	*-323.40*	
		For Class 54 Rating, Add	*220.50*	
		For Class 55 Rating, Add	*490.10*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,684.29	436.32
		For Class 52 Rating, Deduct	*-332.55*	
		For Class 54 Rating, Add	*226.74*	
		For Class 55 Rating, Add	*503.97*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,770.48	438.29
		For Class 52 Rating, Deduct	*-341.70*	
		For Class 54 Rating, Add	*232.98*	
		For Class 55 Rating, Add	*517.84*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,856.67	440.27
		For Class 52 Rating, Deduct	*-350.86*	
		For Class 54 Rating, Add	*239.22*	
		For Class 55 Rating, Add	*531.71*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,942.86	442.24
		For Class 52 Rating, Deduct	*-360.01*	
		For Class 54 Rating, Add	*245.46*	
		For Class 55 Rating, Add	*545.58*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,029.05	444.22
		For Class 52 Rating, Deduct	*-369.16*	
		For Class 54 Rating, Add	*251.70*	
		For Class 55 Rating, Add	*559.45*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,115.24	446.19
		For Class 52 Rating, Deduct	*-378.31*	
		For Class 54 Rating, Add	*257.94*	
		For Class 55 Rating, Add	*573.31*	
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,201.43	448.16
		For Class 52 Rating, Deduct	*-387.46*	
		For Class 54 Rating, Add	*264.18*	
		For Class 55 Rating, Add	*587.18*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,287.63	450.14
		For Class 52 Rating, Deduct	*-396.62*	
		For Class 54 Rating, Add	*270.42*	
		For Class 55 Rating, Add	*601.05*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,373.83	452.11
		For Class 52 Rating, Deduct	*-405.77*	
		For Class 54 Rating, Add	*276.66*	
		For Class 55 Rating, Add	*614.92*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,363.33	427.24
		For Class 52 Rating, Deduct	*-78.76*	
		For Class 54 Rating, Add	*53.70*	
		For Class 55 Rating, Add	*119.36*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,462.33	429.21
		For Class 52 Rating, Deduct	*-89.32*	
		For Class 54 Rating, Add	*60.90*	
		For Class 55 Rating, Add	*135.36*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,561.32	431.18
		For Class 52 Rating, Deduct	*-99.88*	
		For Class 54 Rating, Add	*68.10*	
		For Class 55 Rating, Add	*151.36*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,660.31	433.16
		For Class 52 Rating, Deduct	*-110.44*	
		For Class 54 Rating, Add	*75.30*	
		For Class 55 Rating, Add	*167.37*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,759.30	435.13
		For Class 52 Rating, Deduct	*-121.00*	
		For Class 54 Rating, Add	*82.50*	
		For Class 55 Rating, Add	*183.37*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,858.29	437.10
		For Class 52 Rating, Deduct	*-131.56*	
		For Class 54 Rating, Add	*89.70*	
		For Class 55 Rating, Add	*199.37*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,957.28	439.08
		For Class 52 Rating, Deduct	*-142.12*	
		For Class 54 Rating, Add	*96.90*	
		For Class 55 Rating, Add	*215.38*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,056.27	441.06
		For Class 52 Rating, Deduct	*-152.68*	
		For Class 54 Rating, Add	*104.10*	
		For Class 55 Rating, Add	*231.38*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,155.26	443.03
		For Class 52 Rating, Deduct	*-163.24*	
		For Class 54 Rating, Add	*111.30*	
		For Class 55 Rating, Add	*247.38*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,254.25	445.00
		For Class 52 Rating, Deduct	*-173.80*	
		For Class 54 Rating, Add	*118.50*	
		For Class 55 Rating, Add	*263.39*	
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,353.24	446.98
		For Class 52 Rating, Deduct	*-184.36*	
		For Class 54 Rating, Add	*125.70*	
		For Class 55 Rating, Add	*279.39*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,452.24	448.96
		For Class 52 Rating, Deduct	*-194.92*	
		For Class 54 Rating, Add	*132.90*	
		For Class 55 Rating, Add	*295.39*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,551.23	450.93
		For Class 52 Rating, Deduct	*-205.48*	
		For Class 54 Rating, Add	*140.10*	
		For Class 55 Rating, Add	*311.40*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,650.22	452.90
		For Class 52 Rating, Deduct	*-216.04*	
		For Class 54 Rating, Add	*147.30*	
		For Class 55 Rating, Add	*327.40*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,749.21	454.88
		For Class 52 Rating, Deduct	*-226.60*	
		For Class 54 Rating, Add	*154.50*	
		For Class 55 Rating, Add	*343.40*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,848.20	456.86
		For Class 52 Rating, Deduct	*-237.16*	
		For Class 54 Rating, Add	*161.70*	
		For Class 55 Rating, Add	*359.41*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,947.19	458.82
		For Class 52 Rating, Deduct	*-247.72*	
		For Class 54 Rating, Add	*168.90*	
		For Class 55 Rating, Add	*375.41*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,046.18	460.80
		For Class 52 Rating, Deduct	*-258.28*	
		For Class 54 Rating, Add	*176.10*	
		For Class 55 Rating, Add	*391.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,145.17	462.78
		For Class 52 Rating, Deduct	*-268.84*	
		For Class 54 Rating, Add	*183.30*	
		For Class 55 Rating, Add	*407.41*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,244.17	464.75
		For Class 52 Rating, Deduct	*-279.40*	
		For Class 54 Rating, Add	*190.50*	
		For Class 55 Rating, Add	*423.42*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,343.16	466.72
		For Class 52 Rating, Deduct	*-289.96*	
		For Class 54 Rating, Add	*197.70*	
		For Class 55 Rating, Add	*439.42*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,442.15	468.70
		For Class 52 Rating, Deduct	*-300.52*	
		For Class 54 Rating, Add	*204.90*	
		For Class 55 Rating, Add	*455.42*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.15	470.68
		For Class 52 Rating, Deduct	*-311.08*	
		For Class 54 Rating, Add	*212.10*	
		For Class 55 Rating, Add	*471.43*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,640.14	472.65
		For Class 52 Rating, Deduct	*-321.64*	
		For Class 54 Rating, Add	*219.30*	
		For Class 55 Rating, Add	*487.43*	
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,739.13	474.62
		For Class 52 Rating, Deduct	*-332.20*	
		For Class 54 Rating, Add	*226.50*	
		For Class 55 Rating, Add	*503.43*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,838.12	476.60
		For Class 52 Rating, Deduct	*-342.76*	
		For Class 54 Rating, Add	*233.70*	
		For Class 55 Rating, Add	*519.44*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,937.11	478.58
		For Class 52 Rating, Deduct	*-353.32*	
		For Class 54 Rating, Add	*240.90*	
		For Class 55 Rating, Add	*535.44*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,036.10	480.55
		For Class 52 Rating, Deduct	*-363.88*	
		For Class 54 Rating, Add	*248.10*	
		For Class 55 Rating, Add	*551.44*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,135.09	482.52
		For Class 52 Rating, Deduct	*-374.44*	
		For Class 54 Rating, Add	*255.30*	
		For Class 55 Rating, Add	*567.45*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,234.08	484.50
		For Class 52 Rating, Deduct	*-385.00*	
		For Class 54 Rating, Add	*262.50*	
		For Class 55 Rating, Add	*583.45*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,333.07	486.46
		For Class 52 Rating, Deduct	*-395.56*	
		For Class 54 Rating, Add	*269.70*	
		For Class 55 Rating, Add	*599.45*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,432.06	488.44
		For Class 52 Rating, Deduct	*-406.12*	
		For Class 54 Rating, Add	*276.90*	
		For Class 55 Rating, Add	*615.46*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,531.06	490.41
		For Class 52 Rating, Deduct	*-416.68*	
		For Class 54 Rating, Add	*284.10*	
		For Class 55 Rating, Add	*631.46*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,630.05	492.39
		For Class 52 Rating, Deduct	*-427.24*	
		For Class 54 Rating, Add	*291.30*	
		For Class 55 Rating, Add	*647.46*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,729.04	494.36
		For Class 52 Rating, Deduct	*-437.80*	
		For Class 54 Rating, Add	*298.50*	
		For Class 55 Rating, Add	*663.47*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,828.03	496.34
		For Class 52 Rating, Deduct	*-448.36*	
		For Class 54 Rating, Add	*305.70*	
		For Class 55 Rating, Add	*679.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,927.02	498.31
		For Class 52 Rating, Deduct	*-458.92*	
		For Class 54 Rating, Add	*312.90*	
		For Class 55 Rating, Add	*695.47*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,026.01	500.28
		For Class 52 Rating, Deduct	*-469.48*	
		For Class 54 Rating, Add	*320.10*	
		For Class 55 Rating, Add	*711.48*	

40 05 19 00-1346 20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,582.06	487.65
		For Class 52 Rating, Deduct	*-92.75*	
		For Class 54 Rating, Add	*63.24*	
		For Class 55 Rating, Add	*140.56*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,695.46	489.63
		For Class 52 Rating, Deduct	*-104.90*	
		For Class 54 Rating, Add	*71.52*	
		For Class 55 Rating, Add	*158.97*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,808.85	491.59
		For Class 52 Rating, Deduct	*-117.04*	
		For Class 54 Rating, Add	*79.80*	
		For Class 55 Rating, Add	*177.37*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,922.24	493.57
		For Class 52 Rating, Deduct	*-129.18*	
		For Class 54 Rating, Add	*88.08*	
		For Class 55 Rating, Add	*195.77*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,035.63	495.55
		For Class 52 Rating, Deduct	*-141.33*	
		For Class 54 Rating, Add	*96.36*	
		For Class 55 Rating, Add	*214.18*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,149.02	497.52
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*104.64*	
		For Class 55 Rating, Add	*232.58*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,262.41	499.49
		For Class 52 Rating, Deduct	*-165.62*	
		For Class 54 Rating, Add	*112.92*	
		For Class 55 Rating, Add	*250.98*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,375.80	501.47
		For Class 52 Rating, Deduct	*-177.76*	
		For Class 54 Rating, Add	*121.20*	
		For Class 55 Rating, Add	*269.39*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,489.20	503.45
		For Class 52 Rating, Deduct	*-189.90*	
		For Class 54 Rating, Add	*129.48*	
		For Class 55 Rating, Add	*287.79*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,602.59	505.42
		For Class 52 Rating, Deduct	*-202.05*	
		For Class 54 Rating, Add	*137.76*	
		For Class 55 Rating, Add	*306.19*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,715.98	507.39
		For Class 52 Rating, Deduct	*-214.19*	
		For Class 54 Rating, Add	*146.04*	
		For Class 55 Rating, Add	*324.60*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,829.38	509.37
		For Class 52 Rating, Deduct	*-226.34*	
		For Class 54 Rating, Add	*154.32*	
		For Class 55 Rating, Add	*343.00*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,942.77	511.34
		For Class 52 Rating, Deduct	*-238.48*	
		For Class 54 Rating, Add	*162.60*	
		For Class 55 Rating, Add	*361.41*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,056.16	513.32
		For Class 52 Rating, Deduct	*-250.62*	
		For Class 54 Rating, Add	*170.88*	
		For Class 55 Rating, Add	*379.81*	
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,169.55	515.29
		For Class 52 Rating, Deduct	*-262.77*	
		For Class 54 Rating, Add	*179.16*	
		For Class 55 Rating, Add	*398.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,282.94	517.27
		For Class 52 Rating, Deduct	*-274.91*	
		For Class 54 Rating, Add	*187.44*	
		For Class 55 Rating, Add	*416.62*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,396.33	519.24
		For Class 52 Rating, Deduct	*-287.06*	
		For Class 54 Rating, Add	*195.72*	
		For Class 55 Rating, Add	*435.02*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,509.72	521.22
		For Class 52 Rating, Deduct	*-299.20*	
		For Class 54 Rating, Add	*204.00*	
		For Class 55 Rating, Add	*453.42*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,623.11	523.19
		For Class 52 Rating, Deduct	*-311.34*	
		For Class 54 Rating, Add	*212.28*	
		For Class 55 Rating, Add	*471.83*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,736.50	525.17
		For Class 52 Rating, Deduct	*-323.49*	
		For Class 54 Rating, Add	*220.56*	
		For Class 55 Rating, Add	*490.23*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,849.89	527.14
		For Class 52 Rating, Deduct	*-335.63*	
		For Class 54 Rating, Add	*228.84*	
		For Class 55 Rating, Add	*508.64*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,963.29	529.12
		For Class 52 Rating, Deduct	*-347.78*	
		For Class 54 Rating, Add	*237.12*	
		For Class 55 Rating, Add	*527.04*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,076.68	531.09
		For Class 52 Rating, Deduct	*-359.92*	
		For Class 54 Rating, Add	*245.40*	
		For Class 55 Rating, Add	*545.44*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,190.07	533.06
		For Class 52 Rating, Deduct	*-372.06*	
		For Class 54 Rating, Add	*253.68*	
		For Class 55 Rating, Add	*563.85*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,303.46	535.04
		For Class 52 Rating, Deduct	*-384.21*	
		For Class 54 Rating, Add	*261.96*	
		For Class 55 Rating, Add	*582.25*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,416.85	537.02
		For Class 52 Rating, Deduct	*-396.35*	
		For Class 54 Rating, Add	*270.24*	
		For Class 55 Rating, Add	*600.65*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,530.24	538.99
		For Class 52 Rating, Deduct	*-408.50*	
		For Class 54 Rating, Add	*278.52*	
		For Class 55 Rating, Add	*619.06*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,643.63	540.95
		For Class 52 Rating, Deduct	*-420.64*	
		For Class 54 Rating, Add	*286.80*	
		For Class 55 Rating, Add	*637.46*	
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,757.02	542.93
		For Class 52 Rating, Deduct	*-432.78*	
		For Class 54 Rating, Add	*295.08*	
		For Class 55 Rating, Add	*655.86*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,870.41	544.90
		For Class 52 Rating, Deduct	*-444.93*	
		For Class 54 Rating, Add	*303.36*	
		For Class 55 Rating, Add	*674.27*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,983.80	546.87
		For Class 52 Rating, Deduct	*-457.07*	
		For Class 54 Rating, Add	*311.64*	
		For Class 55 Rating, Add	*692.67*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,097.20	548.85
		For Class 52 Rating, Deduct	*-469.22*	
		For Class 54 Rating, Add	*319.92*	
		For Class 55 Rating, Add	*711.08*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,210.59	550.83
		For Class 52 Rating, Deduct	*-481.36*	
		For Class 54 Rating, Add	*328.20*	
		For Class 55 Rating, Add	*729.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,323.98	552.80
		For Class 52 Rating, Deduct	*-493.50*	
		For Class 54 Rating, Add	*336.48*	
		For Class 55 Rating, Add	*747.88*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,437.37	554.77
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*344.76*	
		For Class 55 Rating, Add	*766.29*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,550.77	556.75
		For Class 52 Rating, Deduct	*-517.79*	
		For Class 54 Rating, Add	*353.04*	
		For Class 55 Rating, Add	*784.69*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,664.16	558.73
		For Class 52 Rating, Deduct	*-529.94*	
		For Class 54 Rating, Add	*361.32*	
		For Class 55 Rating, Add	*803.09*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,777.55	560.70
		For Class 52 Rating, Deduct	*-542.08*	
		For Class 54 Rating, Add	*369.60*	
		For Class 55 Rating, Add	*821.50*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,926.28	576.49
		For Class 52 Rating, Deduct	*-115.81*	
		For Class 54 Rating, Add	*78.96*	
		For Class 55 Rating, Add	*175.50*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,066.07	578.47
		For Class 52 Rating, Deduct	*-130.86*	
		For Class 54 Rating, Add	*89.22*	
		For Class 55 Rating, Add	*198.31*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.86	580.45
		For Class 52 Rating, Deduct	*-145.90*	
		For Class 54 Rating, Add	*99.48*	
		For Class 55 Rating, Add	*221.11*	
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,345.65	582.42
		For Class 52 Rating, Deduct	*-160.95*	
		For Class 54 Rating, Add	*109.74*	
		For Class 55 Rating, Add	*243.92*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,485.44	584.39
		For Class 52 Rating, Deduct	*-176.00*	
		For Class 54 Rating, Add	*120.00*	
		For Class 55 Rating, Add	*266.72*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,625.23	586.37
		For Class 52 Rating, Deduct	*-191.05*	
		For Class 54 Rating, Add	*130.26*	
		For Class 55 Rating, Add	*289.52*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,765.02	588.35
		For Class 52 Rating, Deduct	*-206.10*	
		For Class 54 Rating, Add	*140.52*	
		For Class 55 Rating, Add	*312.33*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,904.82	590.32
		For Class 52 Rating, Deduct	*-221.14*	
		For Class 54 Rating, Add	*150.78*	
		For Class 55 Rating, Add	*335.13*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.61	592.29
		For Class 52 Rating, Deduct	*-236.19*	
		For Class 54 Rating, Add	*161.04*	
		For Class 55 Rating, Add	*357.94*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,184.40	594.27
		For Class 52 Rating, Deduct	*-251.24*	
		For Class 54 Rating, Add	*171.30*	
		For Class 55 Rating, Add	*380.74*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,324.19	596.24
		For Class 52 Rating, Deduct	*-266.29*	
		For Class 54 Rating, Add	*181.56*	
		For Class 55 Rating, Add	*403.55*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,463.98	598.21
		For Class 52 Rating, Deduct	*-281.34*	
		For Class 54 Rating, Add	*191.82*	
		For Class 55 Rating, Add	*426.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,603.77	600.18
		For Class 52 Rating, Deduct	*-296.38*	
		For Class 54 Rating, Add	*202.08*	
		For Class 55 Rating, Add	*449.16*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,743.56	602.16
		For Class 52 Rating, Deduct	*-311.43*	
		For Class 54 Rating, Add	*212.34*	
		For Class 55 Rating, Add	*471.96*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,883.35	604.13
		For Class 52 Rating, Deduct	*-326.48*	
		For Class 54 Rating, Add	*222.60*	
		For Class 55 Rating, Add	*494.77*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,023.14	606.11
		For Class 52 Rating, Deduct	*-341.53*	
		For Class 54 Rating, Add	*232.86*	
		For Class 55 Rating, Add	*517.57*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,162.93	608.08
		For Class 52 Rating, Deduct	*-356.58*	
		For Class 54 Rating, Add	*243.12*	
		For Class 55 Rating, Add	*540.37*	
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,302.74	610.05
		For Class 52 Rating, Deduct	*-371.62*	
		For Class 54 Rating, Add	*253.38*	
		For Class 55 Rating, Add	*563.18*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,442.53	612.03
		For Class 52 Rating, Deduct	*-386.67*	
		For Class 54 Rating, Add	*263.64*	
		For Class 55 Rating, Add	*585.98*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,582.32	614.01
		For Class 52 Rating, Deduct	*-401.72*	
		For Class 54 Rating, Add	*273.90*	
		For Class 55 Rating, Add	*608.79*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,722.11	615.98
		For Class 52 Rating, Deduct	*-416.77*	
		For Class 54 Rating, Add	*284.16*	
		For Class 55 Rating, Add	*631.59*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,861.90	617.95
		For Class 52 Rating, Deduct	*-431.82*	
		For Class 54 Rating, Add	*294.42*	
		For Class 55 Rating, Add	*654.40*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,001.69	619.93
		For Class 52 Rating, Deduct	*-446.86*	
		For Class 54 Rating, Add	*304.68*	
		For Class 55 Rating, Add	*677.20*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,141.48	621.91
		For Class 52 Rating, Deduct	*-461.91*	
		For Class 54 Rating, Add	*314.94*	
		For Class 55 Rating, Add	*700.01*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.27	623.88
		For Class 52 Rating, Deduct	*-476.96*	
		For Class 54 Rating, Add	*325.20*	
		For Class 55 Rating, Add	*722.81*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,421.06	625.85
		For Class 52 Rating, Deduct	*-492.01*	
		For Class 54 Rating, Add	*335.46*	
		For Class 55 Rating, Add	*745.62*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,560.85	627.83
		For Class 52 Rating, Deduct	*-507.06*	
		For Class 54 Rating, Add	*345.72*	
		For Class 55 Rating, Add	*768.42*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,700.65	629.80
		For Class 52 Rating, Deduct	*-522.10*	
		For Class 54 Rating, Add	*355.98*	
		For Class 55 Rating, Add	*791.22*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,840.44	631.77
		For Class 52 Rating, Deduct	*-537.15*	
		For Class 54 Rating, Add	*366.24*	
		For Class 55 Rating, Add	*814.03*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,031.08	667.31
		For Class 52 Rating, Deduct	*-552.20*	
		For Class 54 Rating, Add	*376.50*	
		For Class 55 Rating, Add	*836.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,170.88	669.28
		For Class 52 Rating, Deduct	*-567.25*	
		For Class 54 Rating, Add	*386.76*	
		For Class 55 Rating, Add	*859.64*	
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,310.67	671.26
		For Class 52 Rating, Deduct	*-582.30*	
		For Class 54 Rating, Add	*397.02*	
		For Class 55 Rating, Add	*882.44*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,450.46	673.24
		For Class 52 Rating, Deduct	*-597.34*	
		For Class 54 Rating, Add	*407.28*	
		For Class 55 Rating, Add	*905.25*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,590.25	675.21
		For Class 52 Rating, Deduct	*-612.39*	
		For Class 54 Rating, Add	*417.54*	
		For Class 55 Rating, Add	*928.05*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,730.04	677.18
		For Class 52 Rating, Deduct	*-627.44*	
		For Class 54 Rating, Add	*427.80*	
		For Class 55 Rating, Add	*950.86*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,869.83	679.16
		For Class 52 Rating, Deduct	*-642.49*	
		For Class 54 Rating, Add	*438.06*	
		For Class 55 Rating, Add	*973.66*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,009.62	681.13
		For Class 52 Rating, Deduct	*-657.54*	
		For Class 54 Rating, Add	*448.32*	
		For Class 55 Rating, Add	*996.47*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,149.41	683.11
		For Class 52 Rating, Deduct	*-672.58*	
		For Class 54 Rating, Add	*458.58*	
		For Class 55 Rating, Add	*1,019.27*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,896.44	813.42
		For Class 52 Rating, Deduct	*-183.04*	
		For Class 54 Rating, Add	*124.80*	
		For Class 55 Rating, Add	*277.39*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,097.03	815.39
		For Class 52 Rating, Deduct	*-204.78*	
		For Class 54 Rating, Add	*139.62*	
		For Class 55 Rating, Add	*310.33*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,297.62	817.36
		For Class 52 Rating, Deduct	*-226.51*	
		For Class 54 Rating, Add	*154.44*	
		For Class 55 Rating, Add	*343.27*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,498.21	819.34
		For Class 52 Rating, Deduct	*-248.25*	
		For Class 54 Rating, Add	*169.26*	
		For Class 55 Rating, Add	*376.21*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,698.81	821.32
		For Class 52 Rating, Deduct	*-269.98*	
		For Class 54 Rating, Add	*184.08*	
		For Class 55 Rating, Add	*409.15*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,899.40	823.29
		For Class 52 Rating, Deduct	*-291.72*	
		For Class 54 Rating, Add	*198.90*	
		For Class 55 Rating, Add	*442.09*	
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,099.99	825.26
		For Class 52 Rating, Deduct	*-313.46*	
		For Class 54 Rating, Add	*213.72*	
		For Class 55 Rating, Add	*475.03*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,300.58	827.23
		For Class 52 Rating, Deduct	*-335.19*	
		For Class 54 Rating, Add	*228.54*	
		For Class 55 Rating, Add	*507.97*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,501.18	829.20
		For Class 52 Rating, Deduct	*-356.93*	
		For Class 54 Rating, Add	*243.36*	
		For Class 55 Rating, Add	*540.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,701.77	831.17
		For Class 52 Rating, Deduct	*-378.66*	
		For Class 54 Rating, Add	*258.18*	
		For Class 55 Rating, Add	*573.85*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,902.36	833.15
		For Class 52 Rating, Deduct	*-400.40*	
		For Class 54 Rating, Add	*273.00*	
		For Class 55 Rating, Add	*606.79*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,102.95	835.13
		For Class 52 Rating, Deduct	*-422.14*	
		For Class 54 Rating, Add	*287.82*	
		For Class 55 Rating, Add	*639.73*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,303.54	837.10
		For Class 52 Rating, Deduct	*-443.87*	
		For Class 54 Rating, Add	*302.64*	
		For Class 55 Rating, Add	*672.67*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,504.13	839.07
		For Class 52 Rating, Deduct	*-465.61*	
		For Class 54 Rating, Add	*317.46*	
		For Class 55 Rating, Add	*705.61*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,704.72	841.05
		For Class 52 Rating, Deduct	*-487.34*	
		For Class 54 Rating, Add	*332.28*	
		For Class 55 Rating, Add	*738.55*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,905.31	843.02
		For Class 52 Rating, Deduct	*-509.08*	
		For Class 54 Rating, Add	*347.10*	
		For Class 55 Rating, Add	*771.49*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,105.90	845.00
		For Class 52 Rating, Deduct	*-530.82*	
		For Class 54 Rating, Add	*361.92*	
		For Class 55 Rating, Add	*804.43*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,306.49	846.97
		For Class 52 Rating, Deduct	*-552.55*	
		For Class 54 Rating, Add	*376.74*	
		For Class 55 Rating, Add	*837.37*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,507.09	848.95
		For Class 52 Rating, Deduct	*-574.29*	
		For Class 54 Rating, Add	*391.56*	
		For Class 55 Rating, Add	*870.31*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,707.68	850.92
		For Class 52 Rating, Deduct	*-596.02*	
		For Class 54 Rating, Add	*406.38*	
		For Class 55 Rating, Add	*903.25*	
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,908.27	852.90
		For Class 52 Rating, Deduct	*-617.76*	
		For Class 54 Rating, Add	*421.20*	
		For Class 55 Rating, Add	*936.19*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,108.86	854.87
		For Class 52 Rating, Deduct	*-639.50*	
		For Class 54 Rating, Add	*436.02*	
		For Class 55 Rating, Add	*969.13*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,309.45	856.84
		For Class 52 Rating, Deduct	*-661.23*	
		For Class 54 Rating, Add	*450.84*	
		For Class 55 Rating, Add	*1,002.07*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,510.04	858.82
		For Class 52 Rating, Deduct	*-682.97*	
		For Class 54 Rating, Add	*465.66*	
		For Class 55 Rating, Add	*1,035.01*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,710.63	860.80
		For Class 52 Rating, Deduct	*-704.70*	
		For Class 54 Rating, Add	*480.48*	
		For Class 55 Rating, Add	*1,067.95*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,911.22	862.77
		For Class 52 Rating, Deduct	*-726.44*	
		For Class 54 Rating, Add	*495.30*	
		For Class 55 Rating, Add	*1,100.89*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,111.81	864.74
		For Class 52 Rating, Deduct	*-748.18*	
		For Class 54 Rating, Add	*510.12*	
		For Class 55 Rating, Add	*1,133.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,312.40	866.72
		For Class 52 Rating, Deduct	*-769.91*	
		For Class 54 Rating, Add	*524.94*	
		For Class 55 Rating, Add	*1,166.77*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,513.00	868.70
		For Class 52 Rating, Deduct	*-791.65*	
		For Class 54 Rating, Add	*539.76*	
		For Class 55 Rating, Add	*1,199.71*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,713.59	870.67
		For Class 52 Rating, Deduct	*-813.38*	
		For Class 54 Rating, Add	*554.58*	
		For Class 55 Rating, Add	*1,232.65*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,914.18	872.64
		For Class 52 Rating, Deduct	*-835.12*	
		For Class 54 Rating, Add	*569.40*	
		For Class 55 Rating, Add	*1,265.59*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,114.78	874.62
		For Class 52 Rating, Deduct	*-856.86*	
		For Class 54 Rating, Add	*584.22*	
		For Class 55 Rating, Add	*1,298.53*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,315.37	876.60
		For Class 52 Rating, Deduct	*-878.59*	
		For Class 54 Rating, Add	*599.04*	
		For Class 55 Rating, Add	*1,331.47*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,515.96	878.56
		For Class 52 Rating, Deduct	*-900.33*	
		For Class 54 Rating, Add	*613.86*	
		For Class 55 Rating, Add	*1,364.41*	
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,716.55	880.54
		For Class 52 Rating, Deduct	*-922.06*	
		For Class 54 Rating, Add	*628.68*	
		For Class 55 Rating, Add	*1,397.35*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,917.14	882.51
		For Class 52 Rating, Deduct	*-943.80*	
		For Class 54 Rating, Add	*643.50*	
		For Class 55 Rating, Add	*1,430.29*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,117.73	884.49
		For Class 52 Rating, Deduct	*-965.54*	
		For Class 54 Rating, Add	*658.32*	
		For Class 55 Rating, Add	*1,463.23*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,318.32	886.45
		For Class 52 Rating, Deduct	*-987.27*	
		For Class 54 Rating, Add	*673.14*	
		For Class 55 Rating, Add	*1,496.17*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,931.09	1,030.59
		For Class 52 Rating, Deduct	*-260.66*	
		For Class 54 Rating, Add	*177.72*	
		For Class 55 Rating, Add	*395.01*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,202.89	1,032.56
		For Class 52 Rating, Deduct	*-290.22*	
		For Class 54 Rating, Add	*197.88*	
		For Class 55 Rating, Add	*439.82*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,474.68	1,034.53
		For Class 52 Rating, Deduct	*-319.79*	
		For Class 54 Rating, Add	*218.04*	
		For Class 55 Rating, Add	*484.63*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,746.47	1,036.51
		For Class 52 Rating, Deduct	*-349.36*	
		For Class 54 Rating, Add	*238.20*	
		For Class 55 Rating, Add	*529.44*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,018.26	1,038.49
		For Class 52 Rating, Deduct	*-378.93*	
		For Class 54 Rating, Add	*258.36*	
		For Class 55 Rating, Add	*574.25*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,290.05	1,040.45
		For Class 52 Rating, Deduct	*-408.50*	
		For Class 54 Rating, Add	*278.52*	
		For Class 55 Rating, Add	*619.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,561.84	1,042.43
		For Class 52 Rating, Deduct	*-438.06*	
		For Class 54 Rating, Add	*298.68*	
		For Class 55 Rating, Add	*663.87*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,833.63	1,044.41
		For Class 52 Rating, Deduct	*-467.63*	
		For Class 54 Rating, Add	*318.84*	
		For Class 55 Rating, Add	*708.68*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,105.42	1,046.39
		For Class 52 Rating, Deduct	*-497.20*	
		For Class 54 Rating, Add	*339.00*	
		For Class 55 Rating, Add	*753.48*	
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,377.22	1,048.35
		For Class 52 Rating, Deduct	*-526.77*	
		For Class 54 Rating, Add	*359.16*	
		For Class 55 Rating, Add	*798.29*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,649.01	1,050.33
		For Class 52 Rating, Deduct	*-556.34*	
		For Class 54 Rating, Add	*379.32*	
		For Class 55 Rating, Add	*843.10*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,920.80	1,052.31
		For Class 52 Rating, Deduct	*-585.90*	
		For Class 54 Rating, Add	*399.48*	
		For Class 55 Rating, Add	*887.91*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,192.59	1,054.27
		For Class 52 Rating, Deduct	*-615.47*	
		For Class 54 Rating, Add	*419.64*	
		For Class 55 Rating, Add	*932.72*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,464.38	1,056.24
		For Class 52 Rating, Deduct	*-645.04*	
		For Class 54 Rating, Add	*439.80*	
		For Class 55 Rating, Add	*977.53*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,736.17	1,058.22
		For Class 52 Rating, Deduct	*-674.61*	
		For Class 54 Rating, Add	*459.96*	
		For Class 55 Rating, Add	*1,022.34*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,007.96	1,060.20
		For Class 52 Rating, Deduct	*-704.18*	
		For Class 54 Rating, Add	*480.12*	
		For Class 55 Rating, Add	*1,067.15*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,279.75	1,062.17
		For Class 52 Rating, Deduct	*-733.74*	
		For Class 54 Rating, Add	*500.28*	
		For Class 55 Rating, Add	*1,111.96*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,551.54	1,064.14
		For Class 52 Rating, Deduct	*-763.31*	
		For Class 54 Rating, Add	*520.44*	
		For Class 55 Rating, Add	*1,156.76*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,823.33	1,066.12
		For Class 52 Rating, Deduct	*-792.88*	
		For Class 54 Rating, Add	*540.60*	
		For Class 55 Rating, Add	*1,201.57*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,095.13	1,068.10
		For Class 52 Rating, Deduct	*-822.45*	
		For Class 54 Rating, Add	*560.76*	
		For Class 55 Rating, Add	*1,246.38*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,366.92	1,070.07
		For Class 52 Rating, Deduct	*-852.02*	
		For Class 54 Rating, Add	*580.92*	
		For Class 55 Rating, Add	*1,291.19*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,638.71	1,072.04
		For Class 52 Rating, Deduct	*-881.58*	
		For Class 54 Rating, Add	*601.08*	
		For Class 55 Rating, Add	*1,336.00*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,910.50	1,074.02
		For Class 52 Rating, Deduct	*-911.15*	
		For Class 54 Rating, Add	*621.24*	
		For Class 55 Rating, Add	*1,380.81*	
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,182.29	1,075.99
		For Class 52 Rating, Deduct	*-940.72*	
		For Class 54 Rating, Add	*641.40*	
		For Class 55 Rating, Add	*1,425.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,454.08	1,077.97
		For Class 52 Rating, Deduct	*-970.29*	
		For Class 54 Rating, Add	*661.56*	
		For Class 55 Rating, Add	*1,470.43*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,725.87	1,079.94
		For Class 52 Rating, Deduct	*-999.86*	
		For Class 54 Rating, Add	*681.72*	
		For Class 55 Rating, Add	*1,515.24*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,997.66	1,081.92
		For Class 52 Rating, Deduct	*-1,029.42*	
		For Class 54 Rating, Add	*701.88*	
		For Class 55 Rating, Add	*1,560.05*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,269.45	1,083.89
		For Class 52 Rating, Deduct	*-1,058.99*	
		For Class 54 Rating, Add	*722.04*	
		For Class 55 Rating, Add	*1,604.85*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,541.24	1,085.87
		For Class 52 Rating, Deduct	*-1,088.56*	
		For Class 54 Rating, Add	*742.20*	
		For Class 55 Rating, Add	*1,649.66*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,813.05	1,087.84
		For Class 52 Rating, Deduct	*-1,118.13*	
		For Class 54 Rating, Add	*762.36*	
		For Class 55 Rating, Add	*1,694.47*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,084.84	1,089.81
		For Class 52 Rating, Deduct	*-1,147.70*	
		For Class 54 Rating, Add	*782.52*	
		For Class 55 Rating, Add	*1,739.28*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,356.63	1,091.79
		For Class 52 Rating, Deduct	*-1,177.26*	
		For Class 54 Rating, Add	*802.68*	
		For Class 55 Rating, Add	*1,784.09*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,628.42	1,093.76
		For Class 52 Rating, Deduct	*-1,206.83*	
		For Class 54 Rating, Add	*822.84*	
		For Class 55 Rating, Add	*1,828.90*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,900.21	1,095.74
		For Class 52 Rating, Deduct	*-1,236.40*	
		For Class 54 Rating, Add	*843.00*	
		For Class 55 Rating, Add	*1,873.71*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,172.00	1,097.71
		For Class 52 Rating, Deduct	*-1,265.97*	
		For Class 54 Rating, Add	*863.16*	
		For Class 55 Rating, Add	*1,918.52*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,443.79	1,099.69
		For Class 52 Rating, Deduct	*-1,295.54*	
		For Class 54 Rating, Add	*883.32*	
		For Class 55 Rating, Add	*1,963.33*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,715.58	1,101.66
		For Class 52 Rating, Deduct	*-1,325.10*	
		For Class 54 Rating, Add	*903.48*	
		For Class 55 Rating, Add	*2,008.13*	
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,987.37	1,103.63
		For Class 52 Rating, Deduct	*-1,354.67*	
		For Class 54 Rating, Add	*923.64*	
		For Class 55 Rating, Add	*2,052.94*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,145.12	1,299.09
		For Class 52 Rating, Deduct	*-349.45*	
		For Class 54 Rating, Add	*238.26*	
		For Class 55 Rating, Add	*529.57*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,549.71	1,301.06
		For Class 52 Rating, Deduct	*-393.62*	
		For Class 54 Rating, Add	*268.38*	
		For Class 55 Rating, Add	*596.52*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,949.50	1,303.03
		For Class 52 Rating, Deduct	*-437.27*	
		For Class 54 Rating, Add	*298.14*	
		For Class 55 Rating, Add	*662.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,353.29	1,305.01
		For Class 52 Rating, Deduct	*-481.36*	
		For Class 54 Rating, Add	*328.20*	
		For Class 55 Rating, Add	*729.48*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,753.09	1,306.99
		For Class 52 Rating, Deduct	*-525.01*	
		For Class 54 Rating, Add	*357.96*	
		For Class 55 Rating, Add	*795.63*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,157.68	1,308.96
		For Class 52 Rating, Deduct	*-569.18*	
		For Class 54 Rating, Add	*388.08*	
		For Class 55 Rating, Add	*862.57*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,556.67	1,310.93
		For Class 52 Rating, Deduct	*-612.74*	
		For Class 54 Rating, Add	*417.78*	
		For Class 55 Rating, Add	*928.59*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,961.26	1,312.91
		For Class 52 Rating, Deduct	*-656.92*	
		For Class 54 Rating, Add	*447.90*	
		For Class 55 Rating, Add	*995.53*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,361.05	1,314.89
		For Class 52 Rating, Deduct	*-700.57*	
		For Class 54 Rating, Add	*477.66*	
		For Class 55 Rating, Add	*1,061.68*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,764.84	1,316.86
		For Class 52 Rating, Deduct	*-744.66*	
		For Class 54 Rating, Add	*507.72*	
		For Class 55 Rating, Add	*1,128.49*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,164.63	1,318.83
		For Class 52 Rating, Deduct	*-788.30*	
		For Class 54 Rating, Add	*537.48*	
		For Class 55 Rating, Add	*1,194.64*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,568.42	1,320.81
		For Class 52 Rating, Deduct	*-832.39*	
		For Class 54 Rating, Add	*567.54*	
		For Class 55 Rating, Add	*1,261.45*	
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,968.21	1,322.78
		For Class 52 Rating, Deduct	*-876.04*	
		For Class 54 Rating, Add	*597.30*	
		For Class 55 Rating, Add	*1,327.60*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,368.80	1,324.76
		For Class 52 Rating, Deduct	*-919.78*	
		For Class 54 Rating, Add	*627.12*	
		For Class 55 Rating, Add	*1,393.88*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,771.79	1,326.73
		For Class 52 Rating, Deduct	*-963.78*	
		For Class 54 Rating, Add	*657.12*	
		For Class 55 Rating, Add	*1,460.56*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,171.59	1,328.71
		For Class 52 Rating, Deduct	*-1,007.42*	
		For Class 54 Rating, Add	*686.88*	
		For Class 55 Rating, Add	*1,526.71*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,576.18	1,330.68
		For Class 52 Rating, Deduct	*-1,051.60*	
		For Class 54 Rating, Add	*717.00*	
		For Class 55 Rating, Add	*1,593.65*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,975.97	1,332.66
		For Class 52 Rating, Deduct	*-1,095.25*	
		For Class 54 Rating, Add	*746.76*	
		For Class 55 Rating, Add	*1,659.80*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,379.76	1,334.63
		For Class 52 Rating, Deduct	*-1,139.34*	
		For Class 54 Rating, Add	*776.82*	
		For Class 55 Rating, Add	*1,726.61*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,779.55	1,336.59
		For Class 52 Rating, Deduct	*-1,182.98*	
		For Class 54 Rating, Add	*806.58*	
		For Class 55 Rating, Add	*1,792.76*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,184.14	1,338.57
		For Class 52 Rating, Deduct	*-1,227.16*	
		For Class 54 Rating, Add	*836.70*	
		For Class 55 Rating, Add	*1,859.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,583.93	1,340.55
		For Class 52 Rating, Deduct	*-1,270.81*	
		For Class 54 Rating, Add	*866.46*	
		For Class 55 Rating, Add	*1,925.85*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,987.72	1,342.52
		For Class 52 Rating, Deduct	*-1,314.90*	
		For Class 54 Rating, Add	*896.52*	
		For Class 55 Rating, Add	*1,992.67*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,387.51	1,344.49
		For Class 52 Rating, Deduct	*-1,358.54*	
		For Class 54 Rating, Add	*926.28*	
		For Class 55 Rating, Add	*2,058.81*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,792.10	1,346.47
		For Class 52 Rating, Deduct	*-1,402.72*	
		For Class 54 Rating, Add	*956.40*	
		For Class 55 Rating, Add	*2,125.76*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,191.90	1,348.45
		For Class 52 Rating, Deduct	*-1,446.37*	
		For Class 54 Rating, Add	*986.16*	
		For Class 55 Rating, Add	*2,191.90*	
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,594.90	1,350.41
		For Class 52 Rating, Deduct	*-1,490.37*	
		For Class 54 Rating, Add	*1,016.16*	
		For Class 55 Rating, Add	*2,258.58*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,995.49	1,352.39
		For Class 52 Rating, Deduct	*-1,534.10*	
		For Class 54 Rating, Add	*1,045.98*	
		For Class 55 Rating, Add	*2,324.86*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,315.28	1,354.37
		For Class 52 Rating, Deduct	*-1,568.95*	
		For Class 54 Rating, Add	*1,069.74*	
		For Class 55 Rating, Add	*2,377.68*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,799.07	1,356.34
		For Class 52 Rating, Deduct	*-1,621.84*	
		For Class 54 Rating, Add	*1,105.80*	
		For Class 55 Rating, Add	*2,457.82*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,198.86	1,358.31
		For Class 52 Rating, Deduct	*-1,665.49*	
		For Class 54 Rating, Add	*1,135.56*	
		For Class 55 Rating, Add	*2,523.97*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,602.65	1,360.29
		For Class 52 Rating, Deduct	*-1,709.58*	
		For Class 54 Rating, Add	*1,165.62*	
		For Class 55 Rating, Add	*2,590.78*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,002.44	1,362.27
		For Class 52 Rating, Deduct	*-1,753.22*	
		For Class 54 Rating, Add	*1,195.38*	
		For Class 55 Rating, Add	*2,656.93*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,407.03	1,364.24
		For Class 52 Rating, Deduct	*-1,797.40*	
		For Class 54 Rating, Add	*1,225.50*	
		For Class 55 Rating, Add	*2,723.88*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,806.02	1,366.21
		For Class 52 Rating, Deduct	*-1,840.96*	
		For Class 54 Rating, Add	*1,255.20*	
		For Class 55 Rating, Add	*2,789.89*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,210.62	1,368.19
		For Class 52 Rating, Deduct	*-1,885.14*	
		For Class 54 Rating, Add	*1,285.32*	
		For Class 55 Rating, Add	*2,856.84*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,610.41	1,370.17
		For Class 52 Rating, Deduct	*-1,928.78*	
		For Class 54 Rating, Add	*1,315.08*	
		For Class 55 Rating, Add	*2,922.98*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,014.20	1,372.14
		For Class 52 Rating, Deduct	*-1,972.87*	
		For Class 54 Rating, Add	*1,345.14*	
		For Class 55 Rating, Add	*2,989.80*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,605.06	1,632.74
		For Class 52 Rating, Deduct		*-454.43*	
		For Class 54 Rating, Add		*309.84*	
		For Class 55 Rating, Add		*688.67*	
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,192.85	1,634.72
		For Class 52 Rating, Deduct		*-518.76*	
		For Class 54 Rating, Add		*353.70*	
		For Class 55 Rating, Add		*786.16*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,779.84	1,636.69
		For Class 52 Rating, Deduct		*-583.00*	
		For Class 54 Rating, Add		*397.50*	
		For Class 55 Rating, Add		*883.51*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,371.63	1,638.67
		For Class 52 Rating, Deduct		*-647.77*	
		For Class 54 Rating, Add		*441.66*	
		For Class 55 Rating, Add		*981.66*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,959.42	1,640.64
		For Class 52 Rating, Deduct		*-712.10*	
		For Class 54 Rating, Add		*485.52*	
		For Class 55 Rating, Add		*1,079.15*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,547.21	1,642.62
		For Class 52 Rating, Deduct		*-776.42*	
		For Class 54 Rating, Add		*529.38*	
		For Class 55 Rating, Add		*1,176.64*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,138.20	1,644.59
		For Class 52 Rating, Deduct		*-841.10*	
		For Class 54 Rating, Add		*573.48*	
		For Class 55 Rating, Add		*1,274.65*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,726.80	1,646.56
		For Class 52 Rating, Deduct		*-905.52*	
		For Class 54 Rating, Add		*617.40*	
		For Class 55 Rating, Add		*1,372.27*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,313.79	1,648.54
		For Class 52 Rating, Deduct		*-969.76*	
		For Class 54 Rating, Add		*661.20*	
		For Class 55 Rating, Add		*1,469.63*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,905.58	1,650.51
		For Class 52 Rating, Deduct		*-1,034.53*	
		For Class 54 Rating, Add		*705.36*	
		For Class 55 Rating, Add		*1,567.78*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,493.37	1,652.49
		For Class 52 Rating, Deduct		*-1,098.86*	
		For Class 54 Rating, Add		*749.22*	
		For Class 55 Rating, Add		*1,665.27*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,085.16	1,654.46
		For Class 52 Rating, Deduct		*-1,163.62*	
		For Class 54 Rating, Add		*793.38*	
		For Class 55 Rating, Add		*1,763.42*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,672.15	1,656.44
		For Class 52 Rating, Deduct		*-1,227.86*	
		For Class 54 Rating, Add		*837.18*	
		For Class 55 Rating, Add		*1,860.77*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,259.94	1,658.41
		For Class 52 Rating, Deduct		*-1,292.19*	
		For Class 54 Rating, Add		*881.04*	
		For Class 55 Rating, Add		*1,958.26*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,851.73	1,660.39
		For Class 52 Rating, Deduct		*-1,356.96*	
		For Class 54 Rating, Add		*925.20*	
		For Class 55 Rating, Add		*2,056.41*	
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,439.52	1,662.36
		For Class 52 Rating, Deduct		*-1,421.29*	
		For Class 54 Rating, Add		*969.06*	
		For Class 55 Rating, Add		*2,153.90*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,026.51	1,664.34
		For Class 52 Rating, Deduct		*-1,485.53*	
		For Class 54 Rating, Add		*1,012.86*	
		For Class 55 Rating, Add		*2,251.25*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,618.31	1,666.31
		For Class 52 Rating, Deduct		*-1,550.30*	
		For Class 54 Rating, Add		*1,057.02*	
		For Class 55 Rating, Add		*2,349.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,206.11	1,668.28
		For Class 52 Rating, Deduct	*-1,614.62*	
		For Class 54 Rating, Add	*1,100.88*	
		For Class 55 Rating, Add	*2,446.89*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,793.10	1,670.26
		For Class 52 Rating, Deduct	*-1,678.86*	
		For Class 54 Rating, Add	*1,144.68*	
		For Class 55 Rating, Add	*2,544.24*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,384.89	1,672.24
		For Class 52 Rating, Deduct	*-1,743.63*	
		For Class 54 Rating, Add	*1,188.84*	
		For Class 55 Rating, Add	*2,642.40*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,973.48	1,674.21
		For Class 52 Rating, Deduct	*-1,808.05*	
		For Class 54 Rating, Add	*1,232.76*	
		For Class 55 Rating, Add	*2,740.01*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,560.47	1,676.18
		For Class 52 Rating, Deduct	*-1,872.29*	
		For Class 54 Rating, Add	*1,276.56*	
		For Class 55 Rating, Add	*2,837.37*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,152.26	1,678.16
		For Class 52 Rating, Deduct	*-1,937.06*	
		For Class 54 Rating, Add	*1,320.72*	
		For Class 55 Rating, Add	*2,935.52*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,740.05	1,680.13
		For Class 52 Rating, Deduct	*-2,001.38*	
		For Class 54 Rating, Add	*1,364.58*	
		For Class 55 Rating, Add	*3,033.01*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,327.04	1,682.09
		For Class 52 Rating, Deduct	*-2,065.62*	
		For Class 54 Rating, Add	*1,408.38*	
		For Class 55 Rating, Add	*3,130.36*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,918.83	1,684.07
		For Class 52 Rating, Deduct	*-2,130.39*	
		For Class 54 Rating, Add	*1,452.54*	
		For Class 55 Rating, Add	*3,228.51*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,506.62	1,686.05
		For Class 52 Rating, Deduct	*-2,194.72*	
		For Class 54 Rating, Add	*1,496.40*	
		For Class 55 Rating, Add	*3,326.00*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,022.42	1,688.03
		For Class 52 Rating, Deduct	*-2,251.13*	
		For Class 54 Rating, Add	*1,534.86*	
		For Class 55 Rating, Add	*3,411.48*	
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,686.21	1,689.99
		For Class 52 Rating, Deduct	*-2,323.82*	
		For Class 54 Rating, Add	*1,584.42*	
		For Class 55 Rating, Add	*3,521.64*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,273.20	1,691.97
		For Class 52 Rating, Deduct	*-2,388.06*	
		For Class 54 Rating, Add	*1,628.22*	
		For Class 55 Rating, Add	*3,618.99*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,865.79	1,693.95
		For Class 52 Rating, Deduct	*-2,452.91*	
		For Class 54 Rating, Add	*1,672.44*	
		For Class 55 Rating, Add	*3,717.28*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,452.78	1,695.92
		For Class 52 Rating, Deduct	*-2,517.15*	
		For Class 54 Rating, Add	*1,716.24*	
		For Class 55 Rating, Add	*3,814.63*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,039.77	1,697.89
		For Class 52 Rating, Deduct	*-2,581.39*	
		For Class 54 Rating, Add	*1,760.04*	
		For Class 55 Rating, Add	*3,911.98*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,632.36	1,699.87
		For Class 52 Rating, Deduct	*-2,646.25*	
		For Class 54 Rating, Add	*1,804.26*	
		For Class 55 Rating, Add	*4,010.27*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,219.35	1,701.85
		For Class 52 Rating, Deduct	*-2,710.49*	
		For Class 54 Rating, Add	*1,848.06*	
		For Class 55 Rating, Add	*4,107.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,807.14	1,703.82
		For Class 52 Rating, Deduct	*-2,774.82*	
		For Class 54 Rating, Add	*1,891.92*	
		For Class 55 Rating, Add	*4,205.11*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,398.93	1,705.79
		For Class 52 Rating, Deduct	*-2,839.58*	
		For Class 54 Rating, Add	*1,936.08*	
		For Class 55 Rating, Add	*4,303.26*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	253.92	95.25
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	354.16	121.81
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	488.24	137.97
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	708.23	174.92
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	871.48	193.97
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,079.25	210.71
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,329.60	259.77
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,737.92	311.73
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,142.77	392.55
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,225.49	444.51
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,388.96	588.82
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	7,601.44	666.75
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	12,651.36	762.01
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	16,827.36	935.19

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	241.92	95.25
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	334.96	121.81
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	439.44	137.97
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	637.83	174.92
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	781.88	193.97
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	896.85	210.71
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,128.00	259.77
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,466.72	311.73
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,895.57	392.55
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,479.89	444.51
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,843.36	588.82
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	7,203.04	666.75
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	10,938.56	762.01
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	14,889.76	935.19

40 05 19 00-1610 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	241.12	95.25
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	328.56	121.81
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	433.84	137.97
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	621.83	174.92
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	817.08	193.97
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,008.05	210.71
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,152.80	259.77
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,497.12	311.73
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,027.57	392.55
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,780.69	444.51
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,896.96	588.82
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	7,326.24	666.75
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	11,184.16	762.01
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	15,209.76	935.19

40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	261.12	95.25
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	366.16	121.81
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	449.84	137.97
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	678.63	174.92
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	921.88	193.97
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,035.25	210.71
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,266.40	259.77
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,497.12	311.73
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,027.57	392.55
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,888.69	444.51
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,950.56	588.82
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	7,379.04	666.75
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	11,240.16	762.01
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	15,322.56	935.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1640		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	333.24	108.53
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	407.08	116.61
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	458.40	129.89
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	603.07	135.09
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	638.39	148.36
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	696.23	156.45
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	648.34	144.89
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	729.26	158.17
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	834.30	166.25
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	891.10	184.73
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	834.30	166.25
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	921.75	174.34
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,026.54	192.81
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,133.41	202.63
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	961.88	190.79
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,035.72	198.88
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,186.11	217.35
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,291.74	226.87
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,381.23	235.24
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,123.64	216.77
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,335.09	224.85
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,378.27	243.32
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,454.31	252.85
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,574.19	261.22
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,716.96	285.75
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,444.07	257.18
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,538.71	265.26
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,895.50	283.73
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,966.73	293.26
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,163.42	301.62
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,124.58	326.16
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,263.15	352.14
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,009.83	283.15
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,105.27	291.24
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,264.46	309.71
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,378.09	319.23
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,588.37	327.61
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,789.55	352.14
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,861.71	378.12
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,003.37	373.93
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,556.22	391.40
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,780.90	399.77
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,254.88	424.30
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,934.24	450.28
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,697.07	490.69
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,016.42	516.67
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,868.86	430.36
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,273.54	438.74
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,130.72	463.26
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,667.68	489.24
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,395.31	529.65
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,966.66	555.64
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,442.40	627.79
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,537.71	486.36
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,228.48	510.90
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,694.24	536.87
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,553.07	577.28
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,366.03	603.26
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,848.16	675.42
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,840.00	714.39
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,249.76	697.06
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,412.70	769.23
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,839.74	808.19
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,927.09	855.82
40 05 19 00-1705		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	297.92	95.25
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	452.56	121.81
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	653.04	137.97
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	922.63	174.92
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,288.28	193.97
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,497.65	210.71
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,939.20	259.77
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,399.52	311.73
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,262.77	392.55
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,756.69	444.51
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,319.36	588.82
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	12,600.64	666.75
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	19,463.36	762.01

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	CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1719			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*		
40 05 19 00-1720		EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	313.12	95.25
40 05 19 00-1721		EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	422.96	121.81
40 05 19 00-1722		EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	673.84	137.97
40 05 19 00-1723		EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	907.43	174.92
40 05 19 00-1724		EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,207.48	193.97
40 05 19 00-1725		EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,420.85	210.71
40 05 19 00-1726		EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,755.20	259.77
40 05 19 00-1727		EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,201.12	311.73
40 05 19 00-1728		EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,899.57	392.55
40 05 19 00-1729		EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,065.49	444.51
40 05 19 00-1730		EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,625.76	588.82
40 05 19 00-1731		EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,425.44	666.75
40 05 19 00-1732		EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,373.76	762.01
40 05 19 00-1733		EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	18,765.76	935.19
40 05 19 00-1734			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*		
40 05 19 00-1735		EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	431.79	152.98
40 05 19 00-1736		EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	534.74	188.19
40 05 19 00-1737		EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	735.18	210.13
40 05 19 00-1738		EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,047.32	273.05
40 05 19 00-1739		EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,372.93	297.88
40 05 19 00-1740		EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,815.84	320.39
40 05 19 00-1741		EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,069.06	404.10
40 05 19 00-1742		EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,514.13	461.82
40 05 19 00-1743		EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,171.41	583.05
40 05 19 00-1744		EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,608.86	643.67
40 05 19 00-1745		EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	7,784.59	889.01
40 05 19 00-1746		EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	11,145.38	1,018.90
40 05 19 00-1747		EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	22,783.52	1,177.65
40 05 19 00-1748			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees *(40 05 19 00-0001)*		
40 05 19 00-1749		EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	534.90	170.87
40 05 19 00-1750		EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	651.35	174.34
40 05 19 00-1751		EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	657.39	196.28
40 05 19 00-1752		EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	848.14	192.81
40 05 19 00-1753		EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	844.57	214.75
40 05 19 00-1754		EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	891.17	228.60
40 05 19 00-1755		EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,063.01	202.63
40 05 19 00-1756		EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,066.64	224.56
40 05 19 00-1757		EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,126.83	238.41
40 05 19 00-1758		EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,342.18	282.87
40 05 19 00-1759		EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,524.85	210.71
40 05 19 00-1760		EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,499.69	232.64
40 05 19 00-1761		EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,567.08	246.50
40 05 19 00-1762		EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,664.03	290.95
40 05 19 00-1763		EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,764.01	306.25
40 05 19 00-1764		EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,843.63	235.24
40 05 19 00-1765		EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,710.47	257.18
40 05 19 00-1766		EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,688.26	271.03
40 05 19 00-1767		EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,980.41	315.48
40 05 19 00-1768		EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,929.19	330.79
40 05 19 00-1769		EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,144.21	344.92
40 05 19 00-1770		EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,246.99	261.22
40 05 19 00-1771		EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,718.63	283.15
40 05 19 00-1772		EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,057.21	297.01
40 05 19 00-1773		EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,077.36	341.47
40 05 19 00-1774		EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,256.54	356.76
40 05 19 00-1775		EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,457.98	370.90
40 05 19 00-1776		EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,639.63	430.08
40 05 19 00-1777		EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,885.82	301.62
40 05 19 00-1778		EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,499.86	323.56
40 05 19 00-1779		EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,553.65	337.42
40 05 19 00-1780		EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,670.59	381.88
40 05 19 00-1781		EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,775.37	397.17
40 05 19 00-1782		EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,813.60	411.31
40 05 19 00-1783		EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,380.85	470.49
40 05 19 00-1784		EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,461.76	502.23
40 05 19 00-1785		EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,279.57	327.61
40 05 19 00-1786		EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,852.01	349.54
40 05 19 00-1787		EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,981.00	363.40
40 05 19 00-1788		EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,108.35	407.85
40 05 19 00-1789		EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,473.93	423.15
40 05 19 00-1790		EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,560.96	437.29
40 05 19 00-1791		EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,693.82	496.46
40 05 19 00-1792		EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,817.92	528.21
40 05 19 00-1793		EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,988.81	564.44
40 05 19 00-1794		EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,773.34	421.71
40 05 19 00-1795		EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,811.14	435.55
40 05 19 00-1796		EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,984.89	480.01
40 05 19 00-1797		EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,008.06	495.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,029.49	509.45
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,171.95	568.62
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,255.25	600.37
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,464.91	681.19
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,229.38	715.83
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	7,970.47	603.54
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,517.49	614.52
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,582.75	645.98
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,654.36	658.39
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,689.01	669.64
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,787.62	711.50
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,848.96	740.36
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,011.20	800.98
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,216.32	831.28
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,029.39	953.95
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,091.13	522.15
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,769.68	566.60
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,792.86	581.90
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,832.69	596.05
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,959.95	655.21
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,102.46	686.96
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,224.91	767.78
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,427.79	802.42
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,001.39	975.60
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	21,787.15	1,066.52
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,263.00	675.71
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,284.43	689.85
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,430.08	749.02
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,478.19	780.77
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,675.04	861.59
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,859.52	896.23
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	18,385.93	1,069.41

40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-0001)*

40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	462.19	152.98
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	621.94	188.19
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	885.58	210.13
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,331.32	273.05
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,766.53	297.88
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,969.44	320.39
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,446.66	404.10
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,962.93	461.82
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,945.81	583.05
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,618.46	643.67
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	9,356.59	889.01
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	13,256.58	1,018.90

40 05 19 00-1843 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-0001)*

40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	385.39	152.98
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	530.74	188.19
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	747.18	210.13
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	980.92	273.05
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,368.93	297.88
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,755.04	320.39

40 05 19 00-1850 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-0001)*

40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	529.65	210.71
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	682.73	228.31
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	727.33	254.58
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	826.02	232.06
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	903.58	262.66
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	938.91	282.29
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,052.40	250.54
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,160.36	281.14
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,266.90	300.76
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,572.01	371.20
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,342.04	260.07
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,418.80	290.66
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,526.13	310.29
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,846.45	380.72
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,752.77	401.79
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,676.28	299.03
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,782.82	318.65
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,996.73	389.09
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,167.05	410.16
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,273.23	430.08
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,989.46	323.56
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,110.39	343.19
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,324.30	413.62
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,509.82	434.69

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,451.20	454.61
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,865.33	548.42
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,075.21	349.54
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,195.35	369.17
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,378.86	439.60
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,563.58	460.67
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,929.76	480.59
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,210.30	574.39
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,359.15	611.92
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,682.84	389.95
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,810.97	409.58
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,983.29	480.01
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,180.01	501.08
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,242.98	521.00
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,945.12	614.80
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,100.38	652.33
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,515.25	773.56
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,512.60	415.93
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,607.14	435.55
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,829.05	505.99
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,960.17	527.05
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,039.95	546.97
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,297.29	640.78
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,523.74	678.31
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,852.65	754.95
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,447.42	842.83
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,430.31	599.22
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,478.08	619.13
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,743.41	712.95
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,835.46	750.46
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,213.54	871.69
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,307.95	914.99
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,621.82	1,189.19
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,057.40	762.30
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,083.20	779.33
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,306.29	855.82
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,393.17	890.46
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,705.45	991.48
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,046.89	1,030.44
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,542.61	1,254.14
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	14,848.53	1,371.04
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,232.71	685.81
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,262.88	705.72
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,517.82	799.54
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,593.07	837.06
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,946.35	958.29
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	14,294.35	1,001.59
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,397.02	1,275.79
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,312.70	1,418.67
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,934.88	1,593.29
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,713.02	799.54
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,968.75	893.34
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,044.00	930.87
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,378.08	1,052.09
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,726.08	1,095.39
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,649.54	1,369.60

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	281.24	108.53
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	351.88	116.61
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	388.00	129.89
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	466.27	135.09
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	474.39	148.36
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	549.03	156.45
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	586.74	144.89
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	609.26	158.17
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	665.50	166.25
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	747.90	184.73
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	895.66	158.17
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	726.30	166.25
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	800.15	174.34
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	880.14	192.81
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	860.61	202.63
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,056.96	177.51
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	871.48	190.79
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	829.32	198.88
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	922.91	217.35
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,130.14	226.87
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,213.23	235.24
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,334.84	216.77
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,075.09	224.85
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,179.87	243.32
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,175.91	252.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,343.79	261.22
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,349.76	285.75
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,377.67	257.18
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,341.11	265.26
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,451.50	283.73
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,420.33	293.26
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,627.42	301.62
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,541.38	326.16
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,884.75	352.14
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,791.67	291.24
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,017.26	309.71
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,165.29	319.23
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,222.77	327.61
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,987.15	352.14
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,384.11	378.12
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,509.77	373.93
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,394.88	424.30
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,540.64	450.28
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,813.87	490.69
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,206.02	516.67
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,601.12	463.26
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,834.08	489.24
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,142.51	529.65
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,588.26	555.64
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,438.40	627.79
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,763.63	603.26
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,775.36	675.42
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,907.20	714.39
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,843.36	697.06
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,043.90	769.23
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,326.14	808.19
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,791.09	855.82

40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	302.84	108.53
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	376.68	116.61
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	427.20	129.89
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	466.27	135.09
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	500.79	148.36
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	573.83	156.45
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	586.74	144.89
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	638.06	158.17
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	695.90	166.25
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	800.70	184.73
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	726.30	166.25
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	784.95	174.34
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	874.54	192.81
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	995.81	202.63
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	871.48	190.79
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	943.72	198.88
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,048.51	217.35
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,154.94	226.87
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,213.23	235.24
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,075.09	224.85
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,179.87	243.32
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,286.31	252.85
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,343.79	261.22
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,472.96	285.75
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,548.87	257.18
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,423.51	265.26
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,451.50	283.73
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,581.13	293.26
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,627.42	301.62
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,778.18	326.16
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,883.95	352.14
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,956.47	291.24
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,017.26	309.71
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,064.49	319.23
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,109.97	327.61
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,263.15	352.14
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,384.11	378.12
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,509.77	373.93
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,028.90	399.77
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,942.08	424.30
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,558.24	450.28
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,813.87	490.69
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,206.02	516.67
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,636.32	463.26
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,834.08	489.24
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,124.91	529.65
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,569.06	555.64
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,420.80	627.79
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,763.63	603.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,615.36	675.42
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,907.20	714.39
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,043.90	769.23
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,326.14	808.19
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,791.09	855.82

40 05 19 00-2044 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*

40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	107.25	37.52
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	160.77	55.42
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	228.51	65.81
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	309.93	76.78
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	397.25	90.06
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	519.47	101.02
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	618.93	115.46
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	840.11	161.64
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,111.73	202.05
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,570.13	245.34
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,194.56	285.75
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,857.49	314.62
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	5,408.00	346.37
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	7,125.60	389.67

40 05 19 00-2059 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2060	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	21.74
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*6.09*
		For Hot Dip Galvanized, Add	*8.70*
40 05 19 00-2061	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	33.55
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*9.39*
		For Hot Dip Galvanized, Add	*13.42*
40 05 19 00-2062	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	36.43
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*10.20*
		For Hot Dip Galvanized, Add	*14.57*
40 05 19 00-2063	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	81.82
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*22.91*
		For Hot Dip Galvanized, Add	*32.73*
40 05 19 00-2064	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack	82.54
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*23.11*
		For Hot Dip Galvanized, Add	*33.02*
40 05 19 00-2065	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack	92.47
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*25.89*
		For Hot Dip Galvanized, Add	*36.99*
40 05 19 00-2066	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack	155.46
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*43.53*
		For Hot Dip Galvanized, Add	*62.18*
40 05 19 00-2067	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack	225.84
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*63.24*
		For Hot Dip Galvanized, Add	*90.34*
40 05 19 00-2068	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack	285.15
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*79.84*
		For Hot Dip Galvanized, Add	*114.06*
40 05 19 00-2069	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack	408.00
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*114.24*
		For Hot Dip Galvanized, Add	*163.20*
40 05 19 00-2070	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack	644.70
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*180.52*
		For Hot Dip Galvanized, Add	*257.88*
40 05 19 00-2071	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack	919.68
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*257.51*
		For Hot Dip Galvanized, Add	*367.87*
40 05 19 00-2072	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,183.14
		Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*331.28*
		For Hot Dip Galvanized, Add	*473.26*
40 05 19 00-2073	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,446.06
		Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*404.90*
		For Hot Dip Galvanized, Add	*578.42*

40 05 19 00-2074 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2075 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-2074)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2076	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	5.85	
40 05 19 00-2077	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	7.45	
40 05 19 00-2078	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.11	
40 05 19 00-2079	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	11.71	
40 05 19 00-2080	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	12.77	
40 05 19 00-2081	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	21.28	
40 05 19 00-2082	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	26.07	
40 05 19 00-2083	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	27.67	
40 05 19 00-2084	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	42.57	
40 05 19 00-2085	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	45.76	
40 05 19 00-2086	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	59.06	
40 05 19 00-2087	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	67.58	
40 05 19 00-2088	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	72.37	
40 05 19 00-2089	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	79.28	

40 05 19 00-2090 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-2074)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-2091	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	18.09	
40 05 19 00-2092	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	25.54	
40 05 19 00-2093	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	39.38	
40 05 19 00-2094	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	43.10	
40 05 19 00-2095	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	46.29	
40 05 19 00-2096	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	87.26	
40 05 19 00-2097	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	107.48	
40 05 19 00-2098	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	108.02	
40 05 19 00-2099	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	112.27	
40 05 19 00-2100	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	118.66	
40 05 19 00-2101	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	131.43	
40 05 19 00-2102	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	144.73	
40 05 19 00-2103	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	205.92	
40 05 19 00-2104	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	225.08	

40 05 19 00-2105 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-2074)*

40 05 19 00-2106	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	15.96	
40 05 19 00-2107	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	20.75	
40 05 19 00-2108	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	28.20	
40 05 19 00-2109	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	32.99	
40 05 19 00-2110	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	36.71	
40 05 19 00-2111	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	60.66	
40 05 19 00-2112	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	72.90	
40 05 19 00-2113	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	73.43	
40 05 19 00-2114	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	75.03	
40 05 19 00-2115	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	87.26	
40 05 19 00-2116	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	106.95	
40 05 19 00-2117	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	121.85	
40 05 19 00-2118	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	174.53	
40 05 19 00-2119	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	192.62	

40 05 19 00-2120 Full Face Flange Neoprene Gaskets *(40 05 19 00-2074)*

Note: (Polychloroprene)

40 05 19 00-2121	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	18.62	
40 05 19 00-2122	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	26.07	
40 05 19 00-2123	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	39.91	
40 05 19 00-2124	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	43.10	
40 05 19 00-2125	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	46.29	
40 05 19 00-2126	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	61.72	
40 05 19 00-2127	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	108.55	
40 05 19 00-2128	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	109.08	
40 05 19 00-2129	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	115.47	
40 05 19 00-2130	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	117.06	
40 05 19 00-2131	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	127.17	
40 05 19 00-2132	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	143.13	
40 05 19 00-2133	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	207.52	
40 05 19 00-2134	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	227.21	

40 05 19 00-2135 Full Face Flange FKM Gaskets *(40 05 19 00-2074)*

Note: (Fluoroelastomer Fluorel Viton®)

40 05 19 00-2136	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	45.00	
40 05 19 00-2137	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	67.00	
40 05 19 00-2138	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	89.50	
40 05 19 00-2139	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	108.00	
40 05 19 00-2140	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	140.50	
40 05 19 00-2141	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	257.00	
40 05 19 00-2142	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	294.50	
40 05 19 00-2143	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	308.50	
40 05 19 00-2144	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	329.00	
40 05 19 00-2145	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	455.00	
40 05 19 00-2146	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	545.50	
40 05 19 00-2147	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	575.50	
40 05 19 00-2148	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	717.50	
40 05 19 00-2149	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	752.00	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2150		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-2151	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	234.48	55.57
40 05 19 00-2152	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	320.48	67.84
40 05 19 00-2153	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	465.74	82.74
40 05 19 00-2154	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	633.52	100.93
40 05 19 00-2155	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	801.87	123.08
40 05 19 00-2156	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,265.04	150.16
40 05 19 00-2157	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,963.55	183.25
40 05 19 00-2158	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,044.36	223.51
40 05 19 00-2159	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,503.93	272.75
40 05 19 00-2160	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,804.16	332.67
40 05 19 00-2161	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,602.67	405.95
40 05 19 00-2162	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,302.86	495.19
40 05 19 00-2163	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	13,487.43	604.19
40 05 19 00-2164	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	17,210.78	737.06

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 43 Stainless Steel Process Pipe *(40 05 23)*

40 05 23 43-0001		Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 43)*		
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 43-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	24.65	7.50
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*2.49*	
		For Work In Restricted Working Space, Add	*4.52*	
40 05 23 43-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	27.95	8.60
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*2.61*	
		For Work In Restricted Working Space, Add	*5.37*	
40 05 23 43-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	32.53	9.70
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.06*	
		For Work In Restricted Working Space, Add	*6.23*	
40 05 23 43-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	37.21	11.71
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.86*	
		For Work In Restricted Working Space, Add	*6.71*	
40 05 23 43-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	40.98	12.05
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.42*	
		For Work In Restricted Working Space, Add	*7.19*	
40 05 23 43-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	49.63	15.92
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.39*	
		For Work In Restricted Working Space, Add	*8.67*	
40 05 23 43-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	71.45	19.63
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*9.27*	
		For Work In Restricted Working Space, Add	*10.74*	
40 05 23 43-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	90.22	22.75
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*12.07*	
		For Work In Restricted Working Space, Add	*13.13*	
40 05 23 43-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	122.43	22.75
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*16.67*	
40 05 23 43-0011		Stainless Steel Tubing And Fittings *(40 05 23 43)*		
40 05 23 43-0012		Type 304 Tubing *(40 05 23 43-0011)*		
40 05 23 43-0013		0.035" Wall *(40 05 23 43-0012)*		
40 05 23 43-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	5.81	2.48
		For Work In Restricted Working Space, Add	*1.47*	
40 05 23 43-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	6.83	2.93
		For Work In Restricted Working Space, Add	*1.77*	
40 05 23 43-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	8.08	3.48
		For Work In Restricted Working Space, Add	*2.06*	
40 05 23 43-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	11.52	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	13.44	4.40
		For Work In Restricted Working Space, Add	*2.66*	
40 05 23 43-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	14.89	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	17.04	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0021		0.049" Wall *(40 05 23 43-0012)*		
40 05 23 43-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	8.55	2.93
		For Work In Restricted Working Space, Add	*1.77*	
40 05 23 43-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	9.68	3.48
		For Work In Restricted Working Space, Add	*2.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	11.44	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	14.43	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	16.78	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	19.10	6.86
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	21.92	7.78
		For Work In Restricted Working Space, Add	*4.70*	

40 05 23 43-0029 0.065" Wall *(40 05 23 43-0012)*

40 05 23 43-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	9.98	3.48
		For Work In Restricted Working Space, Add	*2.06*	
40 05 23 43-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	11.46	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	14.20	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	16.82	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	19.76	6.86
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	22.62	7.78
		For Work In Restricted Working Space, Add	*4.70*	
40 05 23 43-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	25.47	8.79
		For Work In Restricted Working Space, Add	*5.28*	

40 05 23 43-0037 Type 304 Tube Fittings *(40 05 23 43-0011)*

40 05 23 43-0038 90 Degree Elbows *(40 05 23 43-0037)*

40 05 23 43-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	31.00	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	35.82	10.80
		For Work In Restricted Working Space, Add	*6.46*	
40 05 23 43-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	50.01	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	54.03	13.64
		For Work In Restricted Working Space, Add	*8.20*	
40 05 23 43-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	59.93	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	78.10	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	98.16	19.49
		For Work In Restricted Working Space, Add	*11.69*	

40 05 23 43-0046 Union Tees *(40 05 23 43-0037)*

40 05 23 43-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	48.36	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	57.12	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	74.08	18.31
		For Work In Restricted Working Space, Add	*10.98*	
40 05 23 43-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	80.80	20.78
		For Work In Restricted Working Space, Add	*12.48*	
40 05 23 43-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	99.05	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	146.83	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0053	EA	1", Type 304, Stainless Steel, Union Tee	175.84	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0054 Unions *(40 05 23 43-0037)*

40 05 23 43-0055	EA	1/4", Type 304, Stainless Steel, Union	46.86	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0056	EA	3/8", Type 304, Stainless Steel, Union	57.96	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0057	EA	1/2", Type 304, Stainless Steel, Union	74.64	18.31
		For Work In Restricted Working Space, Add	*10.98*	
40 05 23 43-0058	EA	5/8", Type 304, Stainless Steel, Union	89.50	20.78
		For Work In Restricted Working Space, Add	*12.48*	
40 05 23 43-0059	EA	3/4", Type 304, Stainless Steel, Union	104.34	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0060	EA	7/8", Type 304, Stainless Steel, Union	151.05	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0061	EA	1", Type 304, Stainless Steel, Union	163.87	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0062 Male Connectors *(40 05 23 43-0037)*

40 05 23 43-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	25.64	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	30.54	10.80
		For Work In Restricted Working Space, Add	*6.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	37.88	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	42.59	13.64
		For Work In Restricted Working Space, Add	*8.20*	
40 05 23 43-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	49.77	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	69.19	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	74.78	19.49
		For Work In Restricted Working Space, Add	*11.69*	

40 05 23 43-0070 Type 304 Valves *(40 05 23 43-0011)*

40 05 23 43-0071 Gate Valves *(40 05 23 43-0070)*

40 05 23 43-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	158.68	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	266.11	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	277.01	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	307.18	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0076	EA	1" Gate Valve, Stainless Steel Type 304	283.32	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0077 Globe Valves *(40 05 23 43-0070)*

40 05 23 43-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	160.84	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	107.04	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	191.45	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	213.21	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0082	EA	1" Globe Valve, Stainless Steel Type 304	310.56	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0083 Check Valves *(40 05 23 43-0070)*

40 05 23 43-0084	EA	1/4" Check Valve, Stainless Steel Type 304	224.40	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0085	EA	3/8" Check Valve, Stainless Steel Type 304	225.80	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0086	EA	1/2" Check Valve, Stainless Steel Type 304	149.49	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0087	EA	3/4" Check Valve, Stainless Steel Type 304	156.79	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0088	EA	1" Check Valve, Stainless Steel Type 304	174.39	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0089 Plug Valves *(40 05 23 43-0070)*

40 05 23 43-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	346.92	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	379.99	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0092	EA	1" Plug Valve, Stainless Steel Type 304	430.88	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	597.31	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0094	EA	2" Plug Valve, Stainless Steel Type 304	778.16	45.77
		For Work In Restricted Working Space, Add	*27.46*	

40 05 23 43-0095 Type 316 Tubing *(40 05 23 43-0011)*

40 05 23 43-0096 0.035" Wall *(40 05 23 43-0095)*

40 05 23 43-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	5.95	2.48
		For Work In Restricted Working Space, Add	*1.47*	
40 05 23 43-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	7.50	2.93
		For Work In Restricted Working Space, Add	*1.77*	
40 05 23 43-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	8.49	3.48
		For Work In Restricted Working Space, Add	*2.06*	
40 05 23 43-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	12.61	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	14.27	4.40
		For Work In Restricted Working Space, Add	*2.66*	
40 05 23 43-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	17.47	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	19.04	5.95
		For Work In Restricted Working Space, Add	*3.54*	

40 05 23 43-0104 0.049" Wall *(40 05 23 43-0095)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	9.13	2.93
		For Work In Restricted Working Space, Add	*1.77*	
40 05 23 43-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	10.29	3.48
		For Work In Restricted Working Space, Add	*2.06*	
40 05 23 43-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	12.01	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	15.48	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	18.08	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	22.46	6.86
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	23.68	7.78
		For Work In Restricted Working Space, Add	*4.70*	

40 05 23 43-0112 0.065" Wall *(40 05 23 43-0095)*

40 05 23 43-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	10.67	3.48
		For Work In Restricted Working Space, Add	*2.06*	
40 05 23 43-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	11.99	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	15.03	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	17.96	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	21.50	6.86
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	23.91	7.78
		For Work In Restricted Working Space, Add	*4.70*	
40 05 23 43-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	27.56	8.79
		For Work In Restricted Working Space, Add	*5.28*	

40 05 23 43-0120 Type 316 Tube Fittings *(40 05 23 43-0011)*

40 05 23 43-0121 90 Degree Elbows *(40 05 23 43-0120)*

40 05 23 43-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	39.18	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	46.12	10.80
		For Work In Restricted Working Space, Add	*6.46*	
40 05 23 43-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	68.49	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	73.31	13.64
		For Work In Restricted Working Space, Add	*8.20*	
40 05 23 43-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	81.87	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	110.89	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	140.89	19.49
		For Work In Restricted Working Space, Add	*11.69*	

40 05 23 43-0129 Union Tees *(40 05 23 43-0120)*

40 05 23 43-0130	EA	1/4" Union Tee, Stainless Steel Type 316	61.95	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0131	EA	3/8" Union Tee, Stainless Steel Type 316	74.76	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0132	EA	1/2" Union Tee, Stainless Steel Type 316	101.14	18.31
		For Work In Restricted Working Space, Add	*10.98*	
40 05 23 43-0133	EA	5/8" Union Tee, Stainless Steel Type 316	109.10	20.78
		For Work In Restricted Working Space, Add	*12.48*	
40 05 23 43-0134	EA	3/4" Union Tee, Stainless Steel Type 316	138.32	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0135	EA	7/8" Union Tee, Stainless Steel Type 316	217.11	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0136	EA	1" Union Tee, Stainless Steel Type 316	260.16	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0137 Unions *(40 05 23 43-0120)*

40 05 23 43-0138	EA	1/4" Union, Stainless Steel Type 316	44.79	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0139	EA	3/8" Union, Stainless Steel Type 316	54.94	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0140	EA	1/2" Union, Stainless Steel Type 316	70.09	18.31
		For Work In Restricted Working Space, Add	*10.98*	
40 05 23 43-0141	EA	5/8" Union, Stainless Steel Type 316	83.77	20.78
		For Work In Restricted Working Space, Add	*12.48*	
40 05 23 43-0142	EA	3/4" Union, Stainless Steel Type 316	97.21	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0143	EA	7/8" Union, Stainless Steel Type 316	138.91	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0144	EA	1" Union, Stainless Steel Type 316	151.34	29.57
		For Work In Restricted Working Space, Add	*17.72*	

40 05 23 43-0145 Male Connectors *(40 05 23 43-0120)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	29.85	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	36.90	10.80
		For Work In Restricted Working Space, Add	*6.46*	
40 05 23 43-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	47.40	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	53.39	13.64
		For Work In Restricted Working Space, Add	*8.20*	
40 05 23 43-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	64.07	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	94.99	16.38
		For Work In Restricted Working Space, Add	*9.81*	
40 05 23 43-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	100.10	19.49
		For Work In Restricted Working Space, Add	*11.69*	

40 05 23 43-0153 Type 316 Valves *(40 05 23 43-0011)*

40 05 23 43-0154 Gate Valves *(40 05 23 43-0153)*

40 05 23 43-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	201.30	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	342.97	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	353.87	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	391.94	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0159	EA	1" Gate Valve, Stainless Steel Type 316	355.73	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	487.73	30.66
		For Work In Restricted Working Space, Add	*18.40*	
40 05 23 43-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	782.03	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0162	EA	2" Gate Valve, Stainless Steel Type 316	930.73	45.77
		For Work In Restricted Working Space, Add	*27.46*	
40 05 23 43-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	1,389.69	146.55
		For Work In Restricted Working Space, Add	*87.91*	

40 05 23 43-0164 Globe Valves *(40 05 23 43-0153)*

40 05 23 43-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	204.16	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	132.54	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	240.68	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	267.63	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0169	EA	1" Globe Valve, Stainless Steel Type 316	391.76	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	488.66	30.48
		For Work In Restricted Working Space, Add	*18.26*	
40 05 23 43-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	810.64	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0172	EA	2" Globe Valve, Stainless Steel Type 316	959.34	45.77
		For Work In Restricted Working Space, Add	*27.46*	
40 05 23 43-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,208.50	146.55
		For Work In Restricted Working Space, Add	*87.91*	

40 05 23 43-0174 Check Valves *(40 05 23 43-0153)*

40 05 23 43-0175	EA	1/4" Check Valve, Stainless Steel Type 316	288.25	14.73
		For Work In Restricted Working Space, Add	*8.00*	
40 05 23 43-0176	EA	3/8" Check Valve, Stainless Steel Type 316	289.65	17.30
		For Work In Restricted Working Space, Add	*8.42*	
40 05 23 43-0177	EA	1/2" Check Valve, Stainless Steel Type 316	185.18	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0178	EA	3/4" Check Valve, Stainless Steel Type 316	192.99	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0179	EA	1" Check Valve, Stainless Steel Type 316	211.63	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	291.92	30.66
		For Work In Restricted Working Space, Add	*18.40*	
40 05 23 43-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	648.52	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0182	EA	2" Check Valve, Stainless Steel Type 316	787.69	45.77
		For Work In Restricted Working Space, Add	*27.46*	
40 05 23 43-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	1,564.53	146.55
		For Work In Restricted Working Space, Add	*87.91*	

40 05 23 43-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 43-0153)*

40 05 23 43-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	310.06	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	362.17	22.33
		For Work In Restricted Working Space, Add	*13.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	461.98	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	735.27	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,027.38	45.77
		For Work In Restricted Working Space, Add	*27.46*	

40 05 23 43-0190 Diaphragm Valves, Teflon Lined *(40 05 23 43-0153)*

40 05 23 43-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	410.33	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	471.72	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	571.54	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	889.38	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,211.21	45.77
		For Work In Restricted Working Space, Add	*27.46*	

40 05 23 43-0196 Strainers *(40 05 23 43-0153)*

40 05 23 43-0197	EA	1/2" Strainer, Stainless Steel Type 316	411.29	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0198	EA	3/4" Strainer, Stainless Steel Type 316	492.15	22.42
		For Work In Restricted Working Space, Add	*13.46*	
40 05 23 43-0199	EA	1" Strainer, Stainless Steel Type 316	643.97	29.75
		For Work In Restricted Working Space, Add	*17.85*	
40 05 23 43-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	799.26	30.66
		For Work In Restricted Working Space, Add	*18.40*	
40 05 23 43-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,002.90	33.41
		For Work In Restricted Working Space, Add	*20.05*	
40 05 23 43-0202	EA	2" Strainer, Stainless Steel Type 316	1,446.18	45.77
		For Work In Restricted Working Space, Add	*27.46*	
40 05 23 43-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	1,987.33	60.88
		For Work In Restricted Working Space, Add	*36.53*	
40 05 23 43-0204	EA	3" Strainer, Stainless Steel Type 316	2,894.28	91.54
		For Work In Restricted Working Space, Add	*54.92*	
40 05 23 43-0205	EA	4" Strainer, Stainless Steel Type 316	3,706.41	146.46
		For Work In Restricted Working Space, Add	*87.87*	

40 05 23 43-0206 Plug Valves *(40 05 23 43-0153)*

40 05 23 43-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	438.21	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	479.38	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0209	EA	1" Plug Valve, Stainless Steel Type 316	541.10	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	754.56	33.41
		For Work In Restricted Working Space, Add	*20.04*	
40 05 23 43-0211	EA	2" Plug Valve, Stainless Steel Type 316	981.69	45.77
		For Work In Restricted Working Space, Add	*27.46*	

40 05 23 43-0212 Cut And Prepare Existing Pipe In-Place *(40 05 23 43-0011)*

Note: For use when connecting pipe to an existing in-place system.

40 05 23 43-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	18.30
40 05 23 43-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	19.77
40 05 23 43-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	22.23
40 05 23 43-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	23.33
40 05 23 43-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	24.71
40 05 23 43-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	26.53
40 05 23 43-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	28.37
40 05 23 43-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	31.11
40 05 23 43-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	33.85
40 05 23 43-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	36.60
40 05 23 43-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	39.35
40 05 23 43-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	43.01
40 05 23 43-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	46.67
40 05 23 43-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	50.33
40 05 23 43-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	53.98
40 05 23 43-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	56.73
40 05 23 43-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	59.48
40 05 23 43-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	63.14

40 05 23 43-0231 Stainless Steel Pipe And Fittings *(40 05 23 43)*

40 05 23 43-0232 Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 43-0231)*

40 05 23 43-0233 Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 43-0232)*

40 05 23 43-0234	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	12.57	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0235	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	15.50	4.94
		For Work In Restricted Working Space, Add	*2.95*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		19.01	5.95
		For Work In Restricted Working Space, Add		*3.54*	
40 05 23 43-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		22.76	6.86
		For Work In Restricted Working Space, Add		*4.13*	
40 05 23 43-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		26.29	7.78
		For Work In Restricted Working Space, Add		*4.70*	
40 05 23 43-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		33.52	9.88
		For Work In Restricted Working Space, Add		*5.90*	
40 05 23 43-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		44.83	11.71
		For Work In Restricted Working Space, Add		*7.04*	
40 05 23 43-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		56.36	14.73
		For Work In Restricted Working Space, Add		*8.86*	
40 05 23 43-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting		76.11	19.49
		For Work In Restricted Working Space, Add		*11.69*	

40 05 23 43-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 43-0232)*

40 05 23 43-0244	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		31.25	14.73
		For Work In Restricted Working Space, Add		*8.86*	
40 05 23 43-0245	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		41.41	19.49
		For Work In Restricted Working Space, Add		*11.69*	
40 05 23 43-0246	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		53.06	24.72
		For Work In Restricted Working Space, Add		*14.84*	
40 05 23 43-0247	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		73.91	33.86
		For Work In Restricted Working Space, Add		*20.34*	
40 05 23 43-0248	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		87.72	39.82
		For Work In Restricted Working Space, Add		*23.88*	
40 05 23 43-0249	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		106.67	48.15
		For Work In Restricted Working Space, Add		*28.91*	
40 05 23 43-0250	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		176.07	76.25
		For Work In Restricted Working Space, Add		*45.77*	
40 05 23 43-0251	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		226.79	98.40
		For Work In Restricted Working Space, Add		*59.06*	
40 05 23 43-0252	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow		302.51	122.02
		For Work In Restricted Working Space, Add		*73.23*	

40 05 23 43-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 43-0232)*

40 05 23 43-0254	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		31.64	14.73
		For Work In Restricted Working Space, Add		*8.86*	
40 05 23 43-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		42.05	19.49
		For Work In Restricted Working Space, Add		*11.69*	
40 05 23 43-0256	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		53.25	24.72
		For Work In Restricted Working Space, Add		*14.84*	
40 05 23 43-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		73.84	33.86
		For Work In Restricted Working Space, Add		*20.34*	
40 05 23 43-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		86.77	39.82
		For Work In Restricted Working Space, Add		*23.88*	
40 05 23 43-0259	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		106.45	48.15
		For Work In Restricted Working Space, Add		*28.91*	
40 05 23 43-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		180.35	76.25
		For Work In Restricted Working Space, Add		*45.77*	
40 05 23 43-0261	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		235.14	98.40
		For Work In Restricted Working Space, Add		*59.06*	
40 05 23 43-0262	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow		312.23	122.02
		For Work In Restricted Working Space, Add		*73.23*	

40 05 23 43-0263 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 43-0232)*

40 05 23 43-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee		46.98	22.33
		For Work In Restricted Working Space, Add		*13.40*	
40 05 23 43-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee		62.75	29.57
		For Work In Restricted Working Space, Add		*17.72*	
40 05 23 43-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Tee		77.94	36.61
		For Work In Restricted Working Space, Add		*21.97*	
40 05 23 43-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee		111.07	50.89
		For Work In Restricted Working Space, Add		*30.51*	
40 05 23 43-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee		126.07	57.21
		For Work In Restricted Working Space, Add		*34.33*	
40 05 23 43-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee		167.52	76.25
		For Work In Restricted Working Space, Add		*45.77*	
40 05 23 43-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee		252.63	110.30
		For Work In Restricted Working Space, Add		*66.17*	
40 05 23 43-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee		341.47	147.65
		For Work In Restricted Working Space, Add		*88.58*	
40 05 23 43-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee		449.57	183.08
		For Work In Restricted Working Space, Add		*109.85*	

40 05 23 43-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 43-0232)*

40 05 23 43-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer		41.12	19.49
		For Work In Restricted Working Space, Add		*11.69*	
40 05 23 43-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer		52.43	24.72
		For Work In Restricted Working Space, Add		*14.84*	
40 05 23 43-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer		72.12	33.86
		For Work In Restricted Working Space, Add		*20.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0277	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	85.79	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0278	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	106.71	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0279	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	174.80	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0280	EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	228.52	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0281	EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	296.54	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0282 150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 43-0232)*

40 05 23 43-0283	EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	15.90	7.42
		For Work In Restricted Working Space, Add	*4.43*	
40 05 23 43-0284	EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	21.11	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0285	EA	1", 150#, Type 304 Stainless Steel Threaded Cap	26.55	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0286	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	38.42	17.30
		For Work In Restricted Working Space, Add	*10.36*	
40 05 23 43-0287	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	44.05	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0288	EA	2", 150#, Type 304 Stainless Steel Threaded Cap	55.97	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0289	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	84.95	36.61
		For Work In Restricted Working Space, Add	*21.97*	
40 05 23 43-0290	EA	3", 150#, Type 304 Stainless Steel Threaded Cap	112.54	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0291	EA	4", 150#, Type 304 Stainless Steel Threaded Cap	149.45	61.06
		For Work In Restricted Working Space, Add	*36.62*	

40 05 23 43-0292 150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 43-0232)*

40 05 23 43-0293	EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	49.47	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0294	EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	65.15	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0295	EA	1", 150#, Type 304 Stainless Steel Threaded Union	82.45	36.61
		For Work In Restricted Working Space, Add	*21.97*	
40 05 23 43-0296	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	117.70	50.89
		For Work In Restricted Working Space, Add	*30.51*	
40 05 23 43-0297	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	132.50	57.21
		For Work In Restricted Working Space, Add	*34.33*	
40 05 23 43-0298	EA	2", 150#, Type 304 Stainless Steel Threaded Union	174.22	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0299	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	287.47	114.43
		For Work In Restricted Working Space, Add	*68.65*	
40 05 23 43-0300	EA	3", 150#, Type 304 Stainless Steel Threaded Union	369.13	147.65
		For Work In Restricted Working Space, Add	*88.59*	
40 05 23 43-0301	EA	4", 150#, Type 304 Stainless Steel Threaded Union	363.97	122.06
		For Work In Restricted Working Space, Add	*73.24*	

40 05 23 43-0302 150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 43-0232)*

40 05 23 43-0303	EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	31.08	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0304	EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	41.19	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0305	EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	52.88	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0306	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	73.21	33.86
		For Work In Restricted Working Space, Add	*20.34*	
40 05 23 43-0307	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	86.00	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0308	EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	105.39	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0309	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	172.41	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0310	EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	222.51	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0311	EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	283.96	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 43-0231)*

40 05 23 43-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 43-0312)*

40 05 23 43-0314	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	15.07	3.93
		For Work In Restricted Working Space, Add	*2.36*	
40 05 23 43-0315	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	17.96	4.94
		For Work In Restricted Working Space, Add	*2.95*	
40 05 23 43-0316	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	22.54	5.95
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 43-0317	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	27.38	6.86
		For Work In Restricted Working Space, Add	*4.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	31.76	7.78
		For Work In Restricted Working Space, Add	*4.70*	
40 05 23 43-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	40.84	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	55.07	11.71
		For Work In Restricted Working Space, Add	*7.04*	
40 05 23 43-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	71.63	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	95.98	19.49
		For Work In Restricted Working Space, Add	*11.69*	

40 05 23 43-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 43-0312)*

40 05 23 43-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	31.76	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	42.18	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	53.53	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	74.76	33.86
		For Work In Restricted Working Space, Add	*20.34*	
40 05 23 43-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	88.85	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	108.07	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	178.30	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	232.26	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	309.15	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 43-0312)*

40 05 23 43-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	32.18	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	42.45	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	53.84	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	74.67	33.86
		For Work In Restricted Working Space, Add	*20.34*	
40 05 23 43-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	87.75	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	107.76	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	182.45	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	239.98	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	325.29	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0343 150#, Type 316 Stainless Steel Threaded Tees *(40 05 23 43-0312)*

40 05 23 43-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	47.53	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	63.31	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	78.57	36.61
		For Work In Restricted Working Space, Add	*21.97*	
40 05 23 43-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	112.35	50.89
		For Work In Restricted Working Space, Add	*30.51*	
40 05 23 43-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	127.33	57.21
		For Work In Restricted Working Space, Add	*34.33*	
40 05 23 43-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	169.18	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	259.42	110.30
		For Work In Restricted Working Space, Add	*66.17*	
40 05 23 43-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	350.72	147.65
		For Work In Restricted Working Space, Add	*88.58*	
40 05 23 43-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	456.47	183.08
		For Work In Restricted Working Space, Add	*109.85*	

40 05 23 43-0353 150#, Type 316 Stainless Steel Threaded Reducers *(40 05 23 43-0312)*

40 05 23 43-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	41.59	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	53.82	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	72.39	33.86
		For Work In Restricted Working Space, Add	*20.34*	
40 05 23 43-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	87.17	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	109.12	48.15
		For Work In Restricted Working Space, Add	*28.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	180.28	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	234.57	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	306.62	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0362 150#, Type 316 Stainless Steel Threaded Caps *(40 05 23 43-0312)*

40 05 23 43-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	16.21	7.42
		For Work In Restricted Working Space, Add	*4.43*	
40 05 23 43-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	21.34	9.88
		For Work In Restricted Working Space, Add	*5.90*	
40 05 23 43-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	26.96	12.18
		For Work In Restricted Working Space, Add	*7.32*	
40 05 23 43-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	39.56	17.30
		For Work In Restricted Working Space, Add	*10.36*	
40 05 23 43-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	45.40	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	57.72	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	87.84	36.61
		For Work In Restricted Working Space, Add	*21.97*	
40 05 23 43-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	115.48	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	155.28	61.06
		For Work In Restricted Working Space, Add	*36.62*	

40 05 23 43-0372 150#, Type 316 Stainless Steel Threaded Unions *(40 05 23 43-0312)*

40 05 23 43-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	50.13	22.33
		For Work In Restricted Working Space, Add	*13.40*	
40 05 23 43-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	67.65	29.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union	83.71	36.61
		For Work In Restricted Working Space, Add	*21.97*	
40 05 23 43-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	119.85	50.89
		For Work In Restricted Working Space, Add	*30.51*	
40 05 23 43-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	135.01	57.21
		For Work In Restricted Working Space, Add	*34.33*	
40 05 23 43-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union	177.12	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	291.92	114.43
		For Work In Restricted Working Space, Add	*68.65*	
40 05 23 43-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union	383.01	147.65
		For Work In Restricted Working Space, Add	*88.59*	
40 05 23 43-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union	393.57	122.06
		For Work In Restricted Working Space, Add	*73.24*	

40 05 23 43-0382 150#, Type 316 Stainless Steel Threaded Couplings *(40 05 23 43-0312)*

40 05 23 43-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	32.13	14.73
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	41.68	19.49
		For Work In Restricted Working Space, Add	*11.69*	
40 05 23 43-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	53.34	24.72
		For Work In Restricted Working Space, Add	*14.84*	
40 05 23 43-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	73.95	33.86
		For Work In Restricted Working Space, Add	*20.34*	
40 05 23 43-0387	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	86.88	39.82
		For Work In Restricted Working Space, Add	*23.88*	
40 05 23 43-0388	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	106.61	48.15
		For Work In Restricted Working Space, Add	*28.91*	
40 05 23 43-0389	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	176.68	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-0390	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	228.01	98.40
		For Work In Restricted Working Space, Add	*59.06*	
40 05 23 43-0391	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	292.21	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 43-0231)*

40 05 23 43-0393 Type 304, Schedule 10 Stainless Steel Pipe *(40 05 23 43-0392)*

40 05 23 43-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	13.77	3.84
		For Work In Restricted Working Space, Add	*2.30*	
40 05 23 43-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	16.44	4.69
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 43-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	21.52	5.54
		For Work In Restricted Working Space, Add	*3.30*	
40 05 23 43-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	26.33	6.91
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	29.34	7.76
		For Work In Restricted Working Space, Add	*4.65*	
40 05 23 43-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	36.28	9.64
		For Work In Restricted Working Space, Add	*5.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	43.19	11.00
		For Work In Restricted Working Space, Add	*6.58*	
40 05 23 43-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	50.76	12.36
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 43-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	63.41	14.66
		For Work In Restricted Working Space, Add	*8.78*	
40 05 23 43-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	91.73	19.26
		For Work In Restricted Working Space, Add	*11.52*	
40 05 23 43-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	152.90	33.26
		For Work In Restricted Working Space, Add	*21.38*	
40 05 23 43-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	193.35	36.57
		For Work In Restricted Working Space, Add	*23.51*	
40 05 23 43-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	230.38	40.67
		For Work In Restricted Working Space, Add	*26.12*	
40 05 23 43-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	282.04	45.72
		For Work In Restricted Working Space, Add	*29.39*	
40 05 23 43-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	311.18	52.25
		For Work In Restricted Working Space, Add	*33.59*	
40 05 23 43-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	349.44	60.95
		For Work In Restricted Working Space, Add	*39.19*	
40 05 23 43-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	481.37	73.15
		For Work In Restricted Working Space, Add	*47.03*	
40 05 23 43-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	626.48	91.44
		For Work In Restricted Working Space, Add	*58.78*	
40 05 23 43-0412		Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 43-0392)*		
40 05 23 43-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	100.18	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	106.15	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	116.90	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	127.54	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	140.85	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	157.28	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	203.63	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	238.81	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	290.70	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	389.07	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	648.96	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	937.65	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,414.26	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,667.86	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,947.95	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,457.64	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,429.12	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	4,918.08	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	
40 05 23 43-0431		Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 43-0392)*		
40 05 23 43-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	101.06	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	107.03	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	117.96	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	128.95	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	141.03	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	157.28	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	202.75	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	237.22	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	287.71	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	373.40	153.22
		For Work In Restricted Working Space, Add	*102.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	618.75	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	883.86	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,329.10	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,563.33	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,818.95	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,288.23	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,200.52	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,593.80	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 43-0392)*

40 05 23 43-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	133.22	55.59
		For Work In Restricted Working Space, Add	*37.06*	
40 05 23 43-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	161.32	68.24
		For Work In Restricted Working Space, Add	*45.49*	
40 05 23 43-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	180.06	76.67
		For Work In Restricted Working Space, Add	*51.11*	
40 05 23 43-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	205.05	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	218.24	93.85
		For Work In Restricted Working Space, Add	*62.57*	
40 05 23 43-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	237.86	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	301.87	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	360.59	153.71
		For Work In Restricted Working Space, Add	*102.47*	
40 05 23 43-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	411.87	172.52
		For Work In Restricted Working Space, Add	*115.01*	
40 05 23 43-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	587.00	230.02
		For Work In Restricted Working Space, Add	*153.34*	
40 05 23 43-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	925.30	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	1,414.26	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	1,808.79	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	2,215.47	756.84
		For Work In Restricted Working Space, Add	*504.56*	
40 05 23 43-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	2,687.15	923.26
		For Work In Restricted Working Space, Add	*615.51*	
40 05 23 43-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	3,419.73	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	4,559.57	1,546.88
		For Work In Restricted Working Space, Add	*1,031.25*	
40 05 23 43-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	6,852.79	2,351.25
		For Work In Restricted Working Space, Add	*1,567.50*	

40 05 23 43-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 43-0392)*

40 05 23 43-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	120.46	46.45
		For Work In Restricted Working Space, Add	*30.96*	
40 05 23 43-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	143.72	56.91
		For Work In Restricted Working Space, Add	*37.94*	
40 05 23 43-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	173.59	63.95
		For Work In Restricted Working Space, Add	*42.63*	
40 05 23 43-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	183.64	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 43-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	193.62	78.33
		For Work In Restricted Working Space, Add	*52.22*	
40 05 23 43-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	242.68	85.36
		For Work In Restricted Working Space, Add	*56.91*	
40 05 23 43-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	286.88	102.32
		For Work In Restricted Working Space, Add	*68.22*	
40 05 23 43-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	354.59	127.89
		For Work In Restricted Working Space, Add	*85.26*	
40 05 23 43-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	454.62	146.12
		For Work In Restricted Working Space, Add	*97.42*	
40 05 23 43-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	810.18	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,300.05	279.91
		For Work In Restricted Working Space, Add	*186.61*	
40 05 23 43-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,868.24	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,263.98	504.42
		For Work In Restricted Working Space, Add	*336.28*	
40 05 23 43-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,798.86	615.30
		For Work In Restricted Working Space, Add	*410.20*	
40 05 23 43-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,608.46	783.75
		For Work In Restricted Working Space, Add	*522.50*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee		5,087.25	1,031.25
		For Work In Restricted Working Space, Add		*687.50*	
40 05 23 43-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee		7,932.71	1,566.10
		For Work In Restricted Working Space, Add		*1,044.07*	

40 05 23 43-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 43-0392)*

40 05 23 43-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer		99.83	42.24
		For Work In Restricted Working Space, Add		*28.16*	
40 05 23 43-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer		109.66	46.03
		For Work In Restricted Working Space, Add		*30.68*	
40 05 23 43-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer		121.57	51.02
		For Work In Restricted Working Space, Add		*34.01*	
40 05 23 43-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer		130.08	55.60
		For Work In Restricted Working Space, Add		*37.07*	
40 05 23 43-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer		142.26	61.40
		For Work In Restricted Working Space, Add		*40.94*	
40 05 23 43-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer		187.77	76.73
		For Work In Restricted Working Space, Add		*51.16*	
40 05 23 43-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer		212.61	87.36
		For Work In Restricted Working Space, Add		*58.24*	
40 05 23 43-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer		248.63	102.37
		For Work In Restricted Working Space, Add		*68.24*	
40 05 23 43-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer		319.87	130.32
		For Work In Restricted Working Space, Add		*86.88*	
40 05 23 43-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer		496.49	201.54
		For Work In Restricted Working Space, Add		*134.36*	
40 05 23 43-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer		629.20	251.93
		For Work In Restricted Working Space, Add		*167.95*	
40 05 23 43-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer		844.70	335.89
		For Work In Restricted Working Space, Add		*223.93*	
40 05 23 43-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer		1,184.07	440.86
		For Work In Restricted Working Space, Add		*293.90*	
40 05 23 43-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer		1,377.64	502.40
		For Work In Restricted Working Space, Add		*334.94*	
40 05 23 43-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer		1,701.97	629.80
		For Work In Restricted Working Space, Add		*419.87*	
40 05 23 43-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer		2,365.67	839.73
		For Work In Restricted Working Space, Add		*559.82*	
40 05 23 43-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer		3,437.11	1,259.60
		For Work In Restricted Working Space, Add		*839.73*	
40 05 23 43-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		116.38	42.24
		For Work In Restricted Working Space, Add		*28.16*	
40 05 23 43-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		121.81	46.03
		For Work In Restricted Working Space, Add		*30.68*	
40 05 23 43-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		129.89	51.02
		For Work In Restricted Working Space, Add		*34.01*	
40 05 23 43-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		145.22	55.60
		For Work In Restricted Working Space, Add		*37.07*	
40 05 23 43-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		153.17	61.40
		For Work In Restricted Working Space, Add		*40.94*	
40 05 23 43-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		199.74	76.73
		For Work In Restricted Working Space, Add		*51.16*	
40 05 23 43-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		224.40	87.36
		For Work In Restricted Working Space, Add		*58.24*	
40 05 23 43-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		257.75	102.37
		For Work In Restricted Working Space, Add		*68.24*	
40 05 23 43-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		352.78	130.32
		For Work In Restricted Working Space, Add		*86.88*	
40 05 23 43-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		567.04	201.54
		For Work In Restricted Working Space, Add		*134.36*	
40 05 23 43-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		766.82	251.93
		For Work In Restricted Working Space, Add		*167.95*	
40 05 23 43-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		971.86	335.89
		For Work In Restricted Working Space, Add		*223.93*	
40 05 23 43-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		1,477.42	440.86
		For Work In Restricted Working Space, Add		*293.90*	
40 05 23 43-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		1,713.77	502.40
		For Work In Restricted Working Space, Add		*334.94*	
40 05 23 43-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		2,112.20	629.80
		For Work In Restricted Working Space, Add		*419.87*	
40 05 23 43-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		3,023.05	839.73
		For Work In Restricted Working Space, Add		*559.82*	
40 05 23 43-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer		4,308.34	1,259.60
		For Work In Restricted Working Space, Add		*839.73*	

40 05 23 43-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 43-0392)*

40 05 23 43-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap		54.06	21.87
		For Work In Restricted Working Space, Add		*14.58*	
40 05 23 43-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap		58.97	23.21
		For Work In Restricted Working Space, Add		*15.47*	
40 05 23 43-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap		64.78	25.51
		For Work In Restricted Working Space, Add		*17.00*	
40 05 23 43-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap		71.20	27.80
		For Work In Restricted Working Space, Add		*18.53*	
40 05 23 43-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap		76.86	30.71
		For Work In Restricted Working Space, Add		*20.47*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap	83.48	34.16
		For Work In Restricted Working Space, Add	*22.77*	
40 05 23 43-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	108.06	43.73
		For Work In Restricted Working Space, Add	*29.15*	
40 05 23 43-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap	123.20	51.24
		For Work In Restricted Working Space, Add	*34.16*	
40 05 23 43-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap	148.26	61.33
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap	190.06	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap	315.08	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap	419.67	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap	620.36	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap	727.32	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap	840.71	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,060.16	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap	1,467.88	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap	2,150.87	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 43-0231)*

40 05 23 43-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 43-0541)*

40 05 23 43-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	15.27	3.84
		For Work In Restricted Working Space, Add	*2.30*	
40 05 23 43-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	18.57	4.69
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 43-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	22.66	5.54
		For Work In Restricted Working Space, Add	*3.30*	
40 05 23 43-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	28.33	6.83
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	32.59	7.67
		For Work In Restricted Working Space, Add	*4.65*	
40 05 23 43-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	41.63	9.80
		For Work In Restricted Working Space, Add	*5.76*	
40 05 23 43-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	51.35	11.08
		For Work In Restricted Working Space, Add	*6.58*	
40 05 23 43-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	50.61	12.36
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 43-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	81.61	14.50
		For Work In Restricted Working Space, Add	*8.78*	
40 05 23 43-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	125.89	19.18
		For Work In Restricted Working Space, Add	*11.52*	
40 05 23 43-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	221.22	33.09
		For Work In Restricted Working Space, Add	*21.38*	
40 05 23 43-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	278.33	36.57
		For Work In Restricted Working Space, Add	*23.51*	
40 05 23 43-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	345.36	40.49
		For Work In Restricted Working Space, Add	*26.12*	

40 05 23 43-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 43-0541)*

40 05 23 43-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	100.89	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	106.86	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	117.43	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	127.92	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	141.20	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	158.51	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	208.20	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	245.50	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	301.96	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	461.05	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	747.05	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,136.67	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,672.39	503.83
		For Work In Restricted Working Space, Add	*335.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,981.00	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,350.23	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,016.59	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,119.02	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	5,902.34	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 43-0541)*

40 05 23 43-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	102.12	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	108.09	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	118.31	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	128.82	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	142.08	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	158.70	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	208.20	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	240.57	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	304.60	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	401.03	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	684.13	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	979.48	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,440.50	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,641.89	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,946.48	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,453.31	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,358.96	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,862.81	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 43-0541)*

40 05 23 43-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	133.92	55.59
		For Work In Restricted Working Space, Add	*37.06*	
40 05 23 43-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	162.02	68.24
		For Work In Restricted Working Space, Add	*45.49*	
40 05 23 43-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee	180.76	76.67
		For Work In Restricted Working Space, Add	*51.11*	
40 05 23 43-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	206.84	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	218.94	93.85
		For Work In Restricted Working Space, Add	*62.57*	
40 05 23 43-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee	238.74	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	304.25	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee	364.28	153.71
		For Work In Restricted Working Space, Add	*102.47*	
40 05 23 43-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee	415.92	172.52
		For Work In Restricted Working Space, Add	*115.01*	
40 05 23 43-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee	614.98	230.02
		For Work In Restricted Working Space, Add	*153.34*	
40 05 23 43-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,008.36	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee	1,669.17	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee	2,077.57	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee	2,757.06	756.84
		For Work In Restricted Working Space, Add	*504.56*	
40 05 23 43-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee	3,477.84	923.26
		For Work In Restricted Working Space, Add	*615.51*	
40 05 23 43-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee	4,493.28	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee	5,818.83	1,546.88
		For Work In Restricted Working Space, Add	*1,031.25*	
40 05 23 43-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee	8,897.98	2,351.25
		For Work In Restricted Working Space, Add	*1,567.50*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0613			**Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 43-0541)*		
40 05 23 43-0614		EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	122.75	46.45
			For Work In Restricted Working Space, Add	*30.96*	
40 05 23 43-0615		EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	146.01	56.91
			For Work In Restricted Working Space, Add	*37.94*	
40 05 23 43-0616		EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	184.60	63.95
			For Work In Restricted Working Space, Add	*42.63*	
40 05 23 43-0617		EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	186.98	72.89
			For Work In Restricted Working Space, Add	*48.60*	
40 05 23 43-0618		EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	193.62	78.33
			For Work In Restricted Working Space, Add	*52.22*	
40 05 23 43-0619		EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	231.43	85.36
			For Work In Restricted Working Space, Add	*56.91*	
40 05 23 43-0620		EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	262.06	102.32
			For Work In Restricted Working Space, Add	*68.22*	
40 05 23 43-0621		EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	341.57	127.89
			For Work In Restricted Working Space, Add	*85.26*	
40 05 23 43-0622		EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	456.73	146.12
			For Work In Restricted Working Space, Add	*97.42*	
40 05 23 43-0623		EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	735.48	209.94
			For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-0624		EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,323.42	279.91
			For Work In Restricted Working Space, Add	*186.61*	
40 05 23 43-0625		EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,915.00	419.86
			For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0626		EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,198.37	504.42
			For Work In Restricted Working Space, Add	*336.28*	
40 05 23 43-0627		EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,716.69	615.30
			For Work In Restricted Working Space, Add	*410.20*	
40 05 23 43-0628		EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,501.31	783.75
			For Work In Restricted Working Space, Add	*522.50*	
40 05 23 43-0629		EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,926.78	1,031.25
			For Work In Restricted Working Space, Add	*687.50*	
40 05 23 43-0630		EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	7,677.15	1,566.10
			For Work In Restricted Working Space, Add	*1,044.07*	
40 05 23 43-0631			**Type 304, Schedule 40 Stainless Steel Butt Weld Reducers** *(40 05 23 43-0541)*		
40 05 23 43-0632		EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	101.59	42.24
			For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0633		EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	111.42	46.03
			For Work In Restricted Working Space, Add	*30.68*	
40 05 23 43-0634		EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	121.70	51.02
			For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0635		EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	131.84	55.60
			For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0636		EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	143.31	61.40
			For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0637		EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	187.77	76.73
			For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0638		EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	206.27	87.36
			For Work In Restricted Working Space, Add	*58.24*	
40 05 23 43-0639		EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	239.62	102.37
			For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0640		EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	321.28	130.32
			For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0641		EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	526.38	201.54
			For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0642		EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	680.52	251.93
			For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0643		EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	890.51	335.89
			For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0644		EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,286.87	440.86
			For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0645		EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,506.87	502.40
			For Work In Restricted Working Space, Add	*334.94*	
40 05 23 43-0646		EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,963.66	629.80
			For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0647		EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,674.35	839.73
			For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0648		EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,756.78	1,259.60
			For Work In Restricted Working Space, Add	*839.73*	
40 05 23 43-0649		EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	117.09	42.24
			For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0650		EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	125.50	46.03
			For Work In Restricted Working Space, Add	*30.68*	
40 05 23 43-0651		EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	142.56	51.02
			For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0652		EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	151.73	55.60
			For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0653		EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	163.20	61.40
			For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0654		EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	199.74	76.73
			For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0655		EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	246.23	87.36
			For Work In Restricted Working Space, Add	*58.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	272.54	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	367.39	130.32
		For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	568.57	201.54
		For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	765.49	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,041.05	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,655.87	440.86
		For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,879.29	502.40
		For Work In Restricted Working Space, Add	*334.94*	
40 05 23 43-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,445.46	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,187.52	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	5,037.33	1,259.60
		For Work In Restricted Working Space, Add	*839.73*	

40 05 23 43-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 43-0541)*

40 05 23 43-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	54.58	21.87
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	58.44	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	65.30	25.51
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 43-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	73.56	27.80
		For Work In Restricted Working Space, Add	*18.53*	
40 05 23 43-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	79.15	30.71
		For Work In Restricted Working Space, Add	*20.47*	
40 05 23 43-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	83.30	34.16
		For Work In Restricted Working Space, Add	*22.77*	
40 05 23 43-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	106.88	43.73
		For Work In Restricted Working Space, Add	*29.15*	
40 05 23 43-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	123.90	51.24
		For Work In Restricted Working Space, Add	*34.16*	
40 05 23 43-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	150.37	61.33
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	203.08	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	335.99	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	449.24	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	676.72	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	778.94	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	911.72	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,144.32	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	1,580.11	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	2,338.52	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 43-0231)*

40 05 23 43-0686 Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 43-0685)*

40 05 23 43-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	15.68	3.84
		For Work In Restricted Working Space, Add	*2.30*	
40 05 23 43-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	18.65	4.69
		For Work In Restricted Working Space, Add	*2.81*	
40 05 23 43-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	24.80	5.54
		For Work In Restricted Working Space, Add	*3.30*	
40 05 23 43-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	30.26	6.91
		For Work In Restricted Working Space, Add	*4.13*	
40 05 23 43-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	33.66	7.76
		For Work In Restricted Working Space, Add	*4.65*	
40 05 23 43-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	41.61	9.64
		For Work In Restricted Working Space, Add	*5.76*	
40 05 23 43-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	49.82	11.00
		For Work In Restricted Working Space, Add	*6.58*	
40 05 23 43-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	58.89	12.36
		For Work In Restricted Working Space, Add	*7.42*	
40 05 23 43-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	74.08	14.66
		For Work In Restricted Working Space, Add	*8.78*	
40 05 23 43-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	108.38	19.26
		For Work In Restricted Working Space, Add	*11.52*	
40 05 23 43-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	178.40	33.26
		For Work In Restricted Working Space, Add	*21.38*	
40 05 23 43-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	229.25	36.57
		For Work In Restricted Working Space, Add	*23.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	275.14	40.67
		For Work In Restricted Working Space, Add	*26.12*	
40 05 23 43-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	339.52	45.72
		For Work In Restricted Working Space, Add	*29.39*	
40 05 23 43-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	373.39	52.25
		For Work In Restricted Working Space, Add	*33.59*	
40 05 23 43-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	417.77	60.95
		For Work In Restricted Working Space, Add	*39.19*	
40 05 23 43-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	582.75	73.15
		For Work In Restricted Working Space, Add	*47.03*	
40 05 23 43-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	760.93	91.44
		For Work In Restricted Working Space, Add	*58.78*	

40 05 23 43-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 43-0685)*

40 05 23 43-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	101.06	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	107.03	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	117.96	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	129.07	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	141.91	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	158.51	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	205.92	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	242.15	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	295.80	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	402.44	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	673.87	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	995.24	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,492.77	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,741.74	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,064.80	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,597.76	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,629.28	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,215.50	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 43-0685)*

40 05 23 43-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	102.12	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	108.09	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	119.01	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	130.48	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	141.91	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	158.51	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	204.86	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	240.57	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	292.11	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	380.62	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	634.71	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	979.48	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,440.50	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,692.75	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,975.00	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,492.00	839.73
		For Work In Restricted Working Space, Add	*559.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,534.26	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,088.94	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 43-0685)*

40 05 23 43-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	135.51	55.59
		For Work In Restricted Working Space, Add	*37.06*	
40 05 23 43-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	163.61	68.24
		For Work In Restricted Working Space, Add	*45.49*	
40 05 23 43-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	182.35	76.67
		For Work In Restricted Working Space, Add	*51.11*	
40 05 23 43-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	209.28	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	221.58	93.85
		For Work In Restricted Working Space, Add	*62.57*	
40 05 23 43-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	240.86	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	292.28	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	366.40	153.71
		For Work In Restricted Working Space, Add	*102.47*	
40 05 23 43-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	419.79	172.52
		For Work In Restricted Working Space, Add	*115.01*	
40 05 23 43-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	609.70	230.02
		For Work In Restricted Working Space, Add	*153.34*	
40 05 23 43-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	984.98	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	1,528.88	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	1,960.66	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	2,497.07	756.84
		For Work In Restricted Working Space, Add	*504.56*	
40 05 23 43-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	2,959.86	923.26
		For Work In Restricted Working Space, Add	*615.51*	
40 05 23 43-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	3,762.85	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	5,059.94	1,546.88
		For Work In Restricted Working Space, Add	*1,031.25*	
40 05 23 43-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	7,291.64	2,351.25
		For Work In Restricted Working Space, Add	*1,567.50*	

40 05 23 43-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 43-0685)*

40 05 23 43-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	125.91	46.45
		For Work In Restricted Working Space, Add	*30.96*	
40 05 23 43-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	150.23	56.91
		For Work In Restricted Working Space, Add	*37.94*	
40 05 23 43-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	181.52	63.95
		For Work In Restricted Working Space, Add	*42.63*	
40 05 23 43-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	189.09	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 43-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	201.18	78.33
		For Work In Restricted Working Space, Add	*52.22*	
40 05 23 43-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	265.56	85.36
		For Work In Restricted Working Space, Add	*56.91*	
40 05 23 43-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	266.29	102.32
		For Work In Restricted Working Space, Add	*68.22*	
40 05 23 43-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	354.59	127.89
		For Work In Restricted Working Space, Add	*85.26*	
40 05 23 43-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	487.18	146.12
		For Work In Restricted Working Space, Add	*97.42*	
40 05 23 43-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	904.85	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,615.77	279.91
		For Work In Restricted Working Space, Add	*186.61*	
40 05 23 43-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,137.20	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,442.18	504.42
		For Work In Restricted Working Space, Add	*336.28*	
40 05 23 43-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,022.03	615.30
		For Work In Restricted Working Space, Add	*410.20*	
40 05 23 43-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,899.49	783.75
		For Work In Restricted Working Space, Add	*522.50*	
40 05 23 43-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,523.06	1,031.25
		For Work In Restricted Working Space, Add	*687.50*	
40 05 23 43-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,626.83	1,566.10
		For Work In Restricted Working Space, Add	*1,044.07*	

40 05 23 43-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 43-0685)*

40 05 23 43-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	101.42	42.24
		For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	111.60	46.03
		For Work In Restricted Working Space, Add	*30.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	124.39	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	131.31	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	143.31	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	187.03	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	216.83	87.36
		For Work In Restricted Working Space, Add	*58.24*	
40 05 23 43-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	240.88	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	328.50	130.32
		For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	505.51	201.54
		For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	650.31	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	869.61	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,218.37	440.86
		For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,410.12	502.40
		For Work In Restricted Working Space, Add	*334.94*	
40 05 23 43-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,749.71	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,439.44	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,567.90	1,259.60
		For Work In Restricted Working Space, Add	*839.73*	
40 05 23 43-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	115.10	42.24
		For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	127.85	46.03
		For Work In Restricted Working Space, Add	*30.68*	
40 05 23 43-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	143.65	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	153.84	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	157.22	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	206.25	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	236.55	87.36
		For Work In Restricted Working Space, Add	*58.24*	
40 05 23 43-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	267.61	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	374.43	130.32
		For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	605.06	201.54
		For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	821.75	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,047.51	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,555.74	440.86
		For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,817.88	502.40
		For Work In Restricted Working Space, Add	*334.94*	
40 05 23 43-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,256.33	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,249.68	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,530.12	1,259.60
		For Work In Restricted Working Space, Add	*839.73*	

40 05 23 43-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 43-0685)*

40 05 23 43-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	56.34	21.87
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	61.96	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	67.94	25.51
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 43-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	74.26	27.80
		For Work In Restricted Working Space, Add	*18.53*	
40 05 23 43-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	80.56	30.71
		For Work In Restricted Working Space, Add	*20.47*	
40 05 23 43-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	85.59	34.16
		For Work In Restricted Working Space, Add	*22.77*	
40 05 23 43-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	107.39	43.73
		For Work In Restricted Working Space, Add	*29.15*	
40 05 23 43-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	126.89	51.24
		For Work In Restricted Working Space, Add	*34.16*	
40 05 23 43-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	151.95	61.33
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	196.57	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	326.67	125.95
		For Work In Restricted Working Space, Add	*83.97*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap		433.75	167.94
		For Work In Restricted Working Space, Add		*111.96*	
40 05 23 43-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap		640.96	251.92
		For Work In Restricted Working Space, Add		*167.95*	
40 05 23 43-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap		745.89	293.91
		For Work In Restricted Working Space, Add		*195.94*	
40 05 23 43-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap		856.40	335.26
		For Work In Restricted Working Space, Add		*223.50*	
40 05 23 43-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap		1,078.14	419.86
		For Work In Restricted Working Space, Add		*279.91*	
40 05 23 43-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap		1,496.56	587.82
		For Work In Restricted Working Space, Add		*391.88*	
40 05 23 43-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap		2,239.17	839.72
		For Work In Restricted Working Space, Add		*559.82*	

40 05 23 43-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 43-0231)*

40 05 23 43-0835 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 43-0834)*

40 05 23 43-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		17.82	3.84
		For Work In Restricted Working Space, Add		*2.30*	
40 05 23 43-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		21.64	4.69
		For Work In Restricted Working Space, Add		*2.81*	
40 05 23 43-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		26.57	5.54
		For Work In Restricted Working Space, Add		*3.30*	
40 05 23 43-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		33.21	6.83
		For Work In Restricted Working Space, Add		*4.13*	
40 05 23 43-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		38.30	7.67
		For Work In Restricted Working Space, Add		*4.65*	
40 05 23 43-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		49.14	9.80
		For Work In Restricted Working Space, Add		*5.76*	
40 05 23 43-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		61.19	11.08
		For Work In Restricted Working Space, Add		*6.58*	
40 05 23 43-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		59.27	12.36
		For Work In Restricted Working Space, Add		*7.42*	
40 05 23 43-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		99.13	14.50
		For Work In Restricted Working Space, Add		*8.78*	
40 05 23 43-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		155.16	19.18
		For Work In Restricted Working Space, Add		*11.52*	
40 05 23 43-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		271.39	33.09
		For Work In Restricted Working Space, Add		*21.38*	
40 05 23 43-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		345.22	36.57
		For Work In Restricted Working Space, Add		*23.51*	
40 05 23 43-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting		431.76	40.49
		For Work In Restricted Working Space, Add		*26.12*	

40 05 23 43-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 43-0834)*

40 05 23 43-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		101.94	43.74
		For Work In Restricted Working Space, Add		*29.16*	
40 05 23 43-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		107.91	46.43
		For Work In Restricted Working Space, Add		*30.95*	
40 05 23 43-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		118.84	51.02
		For Work In Restricted Working Space, Add		*34.01*	
40 05 23 43-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		129.46	55.60
		For Work In Restricted Working Space, Add		*37.07*	
40 05 23 43-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		142.79	61.40
		For Work In Restricted Working Space, Add		*40.94*	
40 05 23 43-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		160.62	68.32
		For Work In Restricted Working Space, Add		*45.55*	
40 05 23 43-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		212.43	87.43
		For Work In Restricted Working Space, Add		*58.29*	
40 05 23 43-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		251.30	102.48
		For Work In Restricted Working Space, Add		*68.32*	
40 05 23 43-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		315.87	122.66
		For Work In Restricted Working Space, Add		*81.77*	
40 05 23 43-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		472.84	153.22
		For Work In Restricted Working Space, Add		*102.15*	
40 05 23 43-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		808.63	251.93
		For Work In Restricted Working Space, Add		*167.95*	
40 05 23 43-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		1,289.86	335.89
		For Work In Restricted Working Space, Add		*223.93*	
40 05 23 43-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		1,849.17	503.83
		For Work In Restricted Working Space, Add		*335.89*	
40 05 23 43-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		2,078.13	587.82
		For Work In Restricted Working Space, Add		*391.88*	
40 05 23 43-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		2,503.98	670.51
		For Work In Restricted Working Space, Add		*447.01*	
40 05 23 43-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		3,190.06	839.73
		For Work In Restricted Working Space, Add		*559.82*	
40 05 23 43-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		4,325.93	1,175.62
		For Work In Restricted Working Space, Add		*783.75*	
40 05 23 43-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow		6,267.06	1,679.46
		For Work In Restricted Working Space, Add		*1,119.64*	

40 05 23 43-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 43-0834)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	103.70	43.74
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	109.67	46.43
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	119.89	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	129.97	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	143.84	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	160.62	68.32
		For Work In Restricted Working Space, Add	*45.55*	
40 05 23 43-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	212.43	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	244.44	102.48
		For Work In Restricted Working Space, Add	*68.32*	
40 05 23 43-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	302.84	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	419.34	153.22
		For Work In Restricted Working Space, Add	*102.15*	
40 05 23 43-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	714.36	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,072.61	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,558.34	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,777.13	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,010.15	670.51
		For Work In Restricted Working Space, Add	*447.01*	
40 05 23 43-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,575.28	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,514.97	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,184.06	1,679.46
		For Work In Restricted Working Space, Add	*1,119.64*	

40 05 23 43-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 43-0834)*

40 05 23 43-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	136.56	55.59
		For Work In Restricted Working Space, Add	*37.06*	
40 05 23 43-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	164.66	68.24
		For Work In Restricted Working Space, Add	*45.49*	
40 05 23 43-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee	183.40	76.67
		For Work In Restricted Working Space, Add	*51.11*	
40 05 23 43-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	210.81	87.43
		For Work In Restricted Working Space, Add	*58.29*	
40 05 23 43-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	221.58	93.85
		For Work In Restricted Working Space, Add	*62.57*	
40 05 23 43-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee	241.56	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	298.55	122.66
		For Work In Restricted Working Space, Add	*81.77*	
40 05 23 43-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee	369.74	153.71
		For Work In Restricted Working Space, Add	*102.47*	
40 05 23 43-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee	425.60	172.52
		For Work In Restricted Working Space, Add	*115.01*	
40 05 23 43-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee	651.06	230.02
		For Work In Restricted Working Space, Add	*153.34*	
40 05 23 43-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,091.24	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee	1,809.44	503.83
		For Work In Restricted Working Space, Add	*335.89*	
40 05 23 43-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee	2,229.63	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee	3,129.79	756.84
		For Work In Restricted Working Space, Add	*504.56*	
40 05 23 43-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee	3,871.63	923.26
		For Work In Restricted Working Space, Add	*615.51*	
40 05 23 43-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee	5,005.75	1,175.62
		For Work In Restricted Working Space, Add	*783.75*	
40 05 23 43-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee	6,512.04	1,546.88
		For Work In Restricted Working Space, Add	*1,031.25*	
40 05 23 43-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee	9,388.89	2,351.25
		For Work In Restricted Working Space, Add	*1,567.50*	

40 05 23 43-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 43-0834)*

40 05 23 43-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	129.26	46.45
		For Work In Restricted Working Space, Add	*30.96*	
40 05 23 43-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	152.52	56.91
		For Work In Restricted Working Space, Add	*37.94*	
40 05 23 43-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	195.60	63.95
		For Work In Restricted Working Space, Add	*42.63*	
40 05 23 43-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	194.55	72.89
		For Work In Restricted Working Space, Add	*48.60*	
40 05 23 43-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	201.18	78.33
		For Work In Restricted Working Space, Add	*52.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	266.61	85.36
		For Work In Restricted Working Space, Add	*56.91*	
40 05 23 43-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	273.85	102.32
		For Work In Restricted Working Space, Add	*68.22*	
40 05 23 43-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	362.16	127.89
		For Work In Restricted Working Space, Add	*85.26*	
40 05 23 43-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	491.93	146.12
		For Work In Restricted Working Space, Add	*97.42*	
40 05 23 43-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	811.33	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,639.16	279.91
		For Work In Restricted Working Space, Add	*186.61*	
40 05 23 43-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,183.96	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,493.48	504.42
		For Work In Restricted Working Space, Add	*336.28*	
40 05 23 43-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,086.29	615.30
		For Work In Restricted Working Space, Add	*410.20*	
40 05 23 43-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,983.28	783.75
		For Work In Restricted Working Space, Add	*522.50*	
40 05 23 43-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	5,648.55	1,031.25
		For Work In Restricted Working Space, Add	*687.50*	
40 05 23 43-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	8,826.69	1,566.10
		For Work In Restricted Working Space, Add	*1,044.07*	

40 05 23 43-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 43-0834)*

40 05 23 43-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	104.23	42.24
		For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	114.41	46.03
		For Work In Restricted Working Space, Add	*30.68*	
40 05 23 43-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	125.67	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	134.48	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	145.25	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	193.22	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	209.97	87.36
		For Work In Restricted Working Space, Add	*58.24*	
40 05 23 43-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	243.32	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	329.73	130.32
		For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	542.34	201.54
		For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	719.68	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	919.41	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,313.23	440.86
		For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,511.07	502.40
		For Work In Restricted Working Space, Add	*334.94*	
40 05 23 43-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,001.88	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,709.17	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,908.50	1,259.60
		For Work In Restricted Working Space, Add	*839.73*	
40 05 23 43-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	124.12	42.24
		For Work In Restricted Working Space, Add	*28.16*	
40 05 23 43-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	132.54	46.03
		For Work In Restricted Working Space, Add	*30.68*	
40 05 23 43-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	152.80	51.02
		For Work In Restricted Working Space, Add	*34.01*	
40 05 23 43-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	159.30	55.60
		For Work In Restricted Working Space, Add	*37.07*	
40 05 23 43-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	171.65	61.40
		For Work In Restricted Working Space, Add	*40.94*	
40 05 23 43-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	206.25	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	260.83	87.36
		For Work In Restricted Working Space, Add	*58.24*	
40 05 23 43-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	286.97	102.37
		For Work In Restricted Working Space, Add	*68.24*	
40 05 23 43-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	401.36	130.32
		For Work In Restricted Working Space, Add	*86.88*	
40 05 23 43-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	595.94	201.54
		For Work In Restricted Working Space, Add	*134.36*	
40 05 23 43-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	837.53	251.93
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,155.10	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,709.22	440.86
		For Work In Restricted Working Space, Add	*293.90*	
40 05 23 43-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,966.95	502.40
		For Work In Restricted Working Space, Add	*334.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,625.06	629.80
		For Work In Restricted Working Space, Add	*419.87*	
40 05 23 43-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,387.19	839.73
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,078.26	1,259.60
		For Work In Restricted Working Space, Add	*839.73*	
40 05 23 43-0959		Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 43-0834)*		
40 05 23 43-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	56.70	21.87
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	61.79	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	68.30	25.51
		For Work In Restricted Working Space, Add	*17.00*	
40 05 23 43-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	77.52	27.80
		For Work In Restricted Working Space, Add	*18.53*	
40 05 23 43-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	77.92	30.71
		For Work In Restricted Working Space, Add	*20.47*	
40 05 23 43-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	88.05	34.16
		For Work In Restricted Working Space, Add	*22.77*	
40 05 23 43-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	110.59	43.73
		For Work In Restricted Working Space, Add	*29.15*	
40 05 23 43-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	127.42	51.24
		For Work In Restricted Working Space, Add	*34.16*	
40 05 23 43-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	155.83	61.33
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	212.76	76.73
		For Work In Restricted Working Space, Add	*51.16*	
40 05 23 43-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	357.09	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	478.51	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	714.16	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	816.83	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	919.95	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,171.19	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	1,613.70	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	2,467.28	839.72
		For Work In Restricted Working Space, Add	*559.82*	
40 05 23 43-0978		Valves *(40 05 23 43-0231)*		
40 05 23 43-0979		Gate Valves, Class 150 *(40 05 23 43-0978)*		
40 05 23 43-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	478.26	43.94
		For Work In Restricted Working Space, Add	*16.48*	
		For Class 200, Deduct	*-113.24*	
		For Class 300, Add	*397.94*	
40 05 23 43-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	519.77	45.77
		For Work In Restricted Working Space, Add	*19.22*	
		For Class 200, Deduct	*-121.90*	
		For Class 300, Add	*428.35*	
40 05 23 43-0982	EA	1" Gate Valve, Stainless Steel, Flanged	640.80	68.66
		For Work In Restricted Working Space, Add	*25.91*	
		For Class 200, Deduct	*-148.31*	
		For Class 300, Add	*521.17*	
40 05 23 43-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	807.67	80.10
		For Work In Restricted Working Space, Add	*29.85*	
		For Class 200, Deduct	*-189.44*	
		For Class 300, Add	*665.68*	
40 05 23 43-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	911.06	100.83
		For Work In Restricted Working Space, Add	*37.81*	
		For Class 200, Deduct	*-210.00*	
		For Class 300, Add	*737.93*	
40 05 23 43-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,081.59	122.02
		For Work In Restricted Working Space, Add	*45.77*	
		For Class 200, Deduct	*-248.51*	
		For Class 300, Add	*873.28*	
40 05 23 43-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	1,552.46	132.73
		For Work In Restricted Working Space, Add	*49.93*	
		For Class 300, Add	*1,302.86*	
40 05 23 43-0987	EA	3" Gate Valve, Stainless Steel, Flanged	1,748.74	155.62
		For Work In Restricted Working Space, Add	*58.43*	
		For Class 300, Add	*1,460.73*	
40 05 23 43-0988	EA	4" Gate Valve, Stainless Steel, Flanged	2,314.82	260.88
		For Work In Restricted Working Space, Add	*98.08*	
		For Class 300, Add	*1,868.63*	
40 05 23 43-0989	EA	6" Gate Valve, Stainless Steel, Flanged	3,868.84	329.54
		For Work In Restricted Working Space, Add	*124.02*	
		For Class 300, Add	*3,248.11*	
40 05 23 43-0990	EA	8" Gate Valve, Stainless Steel, Flanged	8,430.50	421.08
		For Work In Restricted Working Space, Add	*156.92*	
		For Class 300, Add	*7,432.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0991	EA	10" Gate Valve, Stainless Steel, Flanged	11,878.79	512.61
		For Work In Restricted Working Space, Add	*192.23*	
		For Class 300, Add	*10,563.75*	
40 05 23 43-0992	EA	12" Gate Valve, Stainless Steel, Flanged	17,879.61	622.46
		For Work In Restricted Working Space, Add	*233.01*	
		For Class 300, Add	*16,076.74*	

40 05 23 43-0993 Globe Valves, Class 150 *(40 05 23 43-0978)*

40 05 23 43-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	652.95	43.94
		For Work In Restricted Working Space, Add	*16.48*	
		For Class 200, Deduct	*-159.97*	
		For Class 300, Add	*562.15*	
40 05 23 43-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	722.77	45.77
		For Work In Restricted Working Space, Add	*19.22*	
		For Class 200, Deduct	*-176.20*	
		For Class 300, Add	*619.17*	
40 05 23 43-0996	EA	1" Globe Valve, Stainless Steel, Flanged	901.06	68.66
		For Work In Restricted Working Space, Add	*25.91*	
		For Class 200, Deduct	*-217.93*	
		For Class 300, Add	*765.82*	
40 05 23 43-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,339.41	100.83
		For Work In Restricted Working Space, Add	*37.81*	
		For Class 200, Deduct	*-324.58*	
		For Class 300, Add	*1,140.58*	
40 05 23 43-0998	EA	2" Globe Valve, Stainless Steel, Flanged	1,634.64	122.02
		For Work In Restricted Working Space, Add	*45.77*	
		For Class 200, Deduct	*-396.45*	
		For Class 300, Add	*1,393.15*	
40 05 23 43-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	3,286.59	132.73
		For Work In Restricted Working Space, Add	*49.93*	
		For Class 300, Add	*2,932.94*	
40 05 23 43-1000	EA	3" Globe Valve, Stainless Steel, Flanged	3,401.59	155.62
		For Work In Restricted Working Space, Add	*58.43*	
		For Class 300, Add	*3,014.41*	
40 05 23 43-1001	EA	4" Globe Valve, Stainless Steel, Flanged	4,053.75	260.88
		For Work In Restricted Working Space, Add	*98.08*	
		For Class 300, Add	*3,503.22*	
40 05 23 43-1002	EA	6" Globe Valve, Stainless Steel, Flanged	7,477.05	329.54
		For Work In Restricted Working Space, Add	*124.02*	
		For Class 300, Add	*6,639.83*	

40 05 23 43-1003 Check Valves, Class 150 *(40 05 23 43-0978)*

40 05 23 43-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	1,485.94	132.73
		For Work In Restricted Working Space, Add	*49.93*	
		For Class 300, Add	*1,240.33*	
40 05 23 43-1005	EA	3" Check Valve, Stainless Steel, Flanged	1,555.42	155.62
		For Work In Restricted Working Space, Add	*58.43*	
		For Class 300, Add	*1,279.01*	
40 05 23 43-1006	EA	4" Check Valve, Stainless Steel, Flanged	2,444.49	260.88
		For Work In Restricted Working Space, Add	*98.08*	
		For Class 300, Add	*1,990.52*	
40 05 23 43-1007	EA	6" Check Valve, Stainless Steel, Flanged	4,198.00	329.54
		For Work In Restricted Working Space, Add	*124.02*	
		For Class 300, Add	*3,557.52*	
40 05 23 43-1008	EA	8" Check Valve, Stainless Steel, Flanged	7,371.40	421.08
		For Work In Restricted Working Space, Add	*156.92*	
		For Class 300, Add	*6,437.42*	

40 05 23 43-1009 Stainless Steel Thread-O-Let Fittings *(40 05 23 43-0231)*

40 05 23 43-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	67.06	26.57
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 43-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	88.74	35.43
		For Work In Restricted Working Space, Add	*23.62*	
40 05 23 43-1012	EA	1", Stainless Steel Thread-o-let Fitting	109.54	43.94
		For Work In Restricted Working Space, Add	*29.29*	
40 05 23 43-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	156.64	62.17
		For Work In Restricted Working Space, Add	*41.45*	
40 05 23 43-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	174.28	70.11
		For Work In Restricted Working Space, Add	*46.74*	
40 05 23 43-1015	EA	2", Stainless Steel Thread-o-let Fitting	218.96	89.06
		For Work In Restricted Working Space, Add	*59.38*	
40 05 23 43-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	375.67	137.31
		For Work In Restricted Working Space, Add	*91.54*	
40 05 23 43-1017	EA	3", Stainless Steel Thread-o-let Fitting	497.07	175.28
		For Work In Restricted Working Space, Add	*116.86*	
40 05 23 43-1018	EA	4", Stainless Steel Thread-o-let Fitting	647.29	219.69
		For Work In Restricted Working Space, Add	*146.46*	

40 05 23 43-1019 Stainless Steel Flanges *(40 05 23 43-0231)*

40 05 23 43-1020 150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 43-1019)*

40 05 23 43-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	39.33	14.76
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	50.26	19.68
		For Work In Restricted Working Space, Add	*11.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1023	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	61.02	24.41
		For Work In Restricted Working Space, Add	*14.65*	
40 05 23 43-1024	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	84.56	34.55
		For Work In Restricted Working Space, Add	*20.73*	
40 05 23 43-1025	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	93.37	38.95
		For Work In Restricted Working Space, Add	*23.37*	
40 05 23 43-1026	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	119.22	49.47
		For Work In Restricted Working Space, Add	*29.69*	
40 05 23 43-1027	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	180.88	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-1028	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	224.39	155.62
		For Work In Restricted Working Space, Add	*58.43*	
40 05 23 43-1029	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	284.61	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-1030 300#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 43-1019)*

40 05 23 43-1031	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	45.00	14.76
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-1032	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	54.84	19.68
		For Work In Restricted Working Space, Add	*11.81*	
40 05 23 43-1033	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	64.29	24.41
		For Work In Restricted Working Space, Add	*14.65*	
40 05 23 43-1034	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	92.84	34.55
		For Work In Restricted Working Space, Add	*20.73*	
40 05 23 43-1035	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	101.65	38.95
		For Work In Restricted Working Space, Add	*23.37*	
40 05 23 43-1036	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	127.71	49.47
		For Work In Restricted Working Space, Add	*29.69*	
40 05 23 43-1037	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	199.84	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-1038	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	243.77	155.62
		For Work In Restricted Working Space, Add	*58.43*	
40 05 23 43-1039	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	314.46	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-1040 150#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 43-1019)*

40 05 23 43-1041	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	58.40	21.86
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-1042	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange	62.47	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-1043	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange	69.32	25.51
		For Work In Restricted Working Space, Add	*17.01*	
40 05 23 43-1044	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange	79.92	27.82
		For Work In Restricted Working Space, Add	*18.55*	
40 05 23 43-1045	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	86.24	30.66
		For Work In Restricted Working Space, Add	*20.45*	
40 05 23 43-1046	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange	95.97	34.16
		For Work In Restricted Working Space, Add	*22.78*	
40 05 23 43-1047	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	127.37	43.68
		For Work In Restricted Working Space, Add	*29.13*	
40 05 23 43-1048	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange	146.77	51.15
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1049	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange	182.37	61.29
		For Work In Restricted Working Space, Add	*40.86*	
40 05 23 43-1050	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange	249.89	76.57
		For Work In Restricted Working Space, Add	*51.05*	
40 05 23 43-1051	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange	414.95	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-1052	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange	572.50	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-1053	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange	870.83	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1054	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange	1,057.28	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1055	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange	1,272.42	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-1056	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange	1,573.73	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-1057	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange	2,104.45	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-1058	EA	24"", 150#, Type 304 Stainless Steel Weld Neck Flange	2,997.19	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 43-1019)*

40 05 23 43-1060	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	65.16	21.86
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-1061	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	68.14	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-1062	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	73.25	25.51
		For Work In Restricted Working Space, Add	*17.01*	
40 05 23 43-1063	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	87.54	27.82
		For Work In Restricted Working Space, Add	*18.55*	
40 05 23 43-1064	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	93.86	30.66
		For Work In Restricted Working Space, Add	*20.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1065	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	102.51	34.16
		For Work In Restricted Working Space, Add	*22.78*	
40 05 23 43-1066	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	138.69	43.68
		For Work In Restricted Working Space, Add	*29.13*	
40 05 23 43-1067	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	159.40	51.15
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1068	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	211.98	61.29
		For Work In Restricted Working Space, Add	*40.86*	
40 05 23 43-1069	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	283.43	76.57
		For Work In Restricted Working Space, Add	*51.05*	
40 05 23 43-1070	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	498.58	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-1071	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	682.93	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-1072	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,011.11	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1073	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,279.03	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1074	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,537.59	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-1075	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,951.33	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-1076	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,587.58	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-1077	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,743.35	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 43-1019)*

40 05 23 43-1079	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	105.90	43.73
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-1080	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	112.09	46.41
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-1081	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	123.19	51.02
		For Work In Restricted Working Space, Add	*34.02*	
40 05 23 43-1082	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	136.96	55.64
		For Work In Restricted Working Space, Add	*37.10*	
40 05 23 43-1083	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	149.60	61.34
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-1084	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	169.07	68.33
		For Work In Restricted Working Space, Add	*45.56*	
40 05 23 43-1085	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	218.36	87.37
		For Work In Restricted Working Space, Add	*58.25*	
40 05 23 43-1086	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	253.27	102.29
		For Work In Restricted Working Space, Add	*68.20*	
40 05 23 43-1087	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	307.69	122.58
		For Work In Restricted Working Space, Add	*81.72*	
40 05 23 43-1088	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	394.13	153.14
		For Work In Restricted Working Space, Add	*102.10*	
40 05 23 43-1089	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	661.54	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1090	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	904.33	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-1091	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,352.91	503.83
		For Work In Restricted Working Space, Add	*335.89*	

40 05 23 43-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 43-1019)*

40 05 23 43-1093	EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	110.26	43.73
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-1094	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	116.23	46.41
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-1095	EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	126.46	51.02
		For Work In Restricted Working Space, Add	*34.02*	
40 05 23 43-1096	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	143.71	55.64
		For Work In Restricted Working Space, Add	*37.10*	
40 05 23 43-1097	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	156.35	61.34
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-1098	EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	173.63	68.33
		For Work In Restricted Working Space, Add	*45.56*	
40 05 23 43-1099	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	235.35	87.37
		For Work In Restricted Working Space, Add	*58.25*	
40 05 23 43-1100	EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	270.25	102.29
		For Work In Restricted Working Space, Add	*68.20*	
40 05 23 43-1101	EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	331.21	122.58
		For Work In Restricted Working Space, Add	*81.72*	
40 05 23 43-1102	EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	460.56	153.14
		For Work In Restricted Working Space, Add	*102.10*	
40 05 23 43-1103	EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	728.62	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1104	EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,012.37	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-1105	EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,491.87	503.83
		For Work In Restricted Working Space, Add	*335.89*	

40 05 23 43-1106 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 43-1019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1107	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	28.74	8.74
		For Work In Restricted Working Space, Add	*5.83*	
40 05 23 43-1108	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	30.21	9.28
		For Work In Restricted Working Space, Add	*6.19*	
40 05 23 43-1109	EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	32.92	10.20
		For Work In Restricted Working Space, Add	*6.80*	
40 05 23 43-1110	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	39.83	11.36
		For Work In Restricted Working Space, Add	*7.57*	
40 05 23 43-1111	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	48.71	15.34
		For Work In Restricted Working Space, Add	*10.23*	
40 05 23 43-1112	EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	55.94	17.03
		For Work In Restricted Working Space, Add	*11.36*	
40 05 23 43-1113	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	74.39	21.90
		For Work In Restricted Working Space, Add	*14.61*	
40 05 23 43-1114	EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	96.52	30.70
		For Work In Restricted Working Space, Add	*20.46*	
40 05 23 43-1115	EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	153.29	51.14
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1116	EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	204.07	65.76
		For Work In Restricted Working Space, Add	*43.84*	
40 05 23 43-1117	EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	280.24	78.37
		For Work In Restricted Working Space, Add	*52.25*	
40 05 23 43-1118	EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	393.26	94.05
		For Work In Restricted Working Space, Add	*62.70*	
40 05 23 43-1119	EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	510.63	117.57
		For Work In Restricted Working Space, Add	*78.38*	
40 05 23 43-1120	EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	645.58	146.95
		For Work In Restricted Working Space, Add	*97.97*	
40 05 23 43-1121	EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	801.69	167.62
		For Work In Restricted Working Space, Add	*111.75*	
40 05 23 43-1122	EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	964.55	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-1123	EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,302.63	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1124	EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,885.50	419.86
		For Work In Restricted Working Space, Add	*279.91*	

40 05 23 43-1125 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 43-1019)*

40 05 23 43-1126	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	33.17	8.74
		For Work In Restricted Working Space, Add	*5.83*	
40 05 23 43-1127	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	34.36	9.28
		For Work In Restricted Working Space, Add	*6.19*	
40 05 23 43-1128	EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	36.41	10.20
		For Work In Restricted Working Space, Add	*6.80*	
40 05 23 43-1129	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	43.96	11.36
		For Work In Restricted Working Space, Add	*7.57*	
40 05 23 43-1130	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	52.84	15.34
		For Work In Restricted Working Space, Add	*10.23*	
40 05 23 43-1131	EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	58.12	17.03
		For Work In Restricted Working Space, Add	*11.36*	
40 05 23 43-1132	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	89.63	21.90
		For Work In Restricted Working Space, Add	*14.61*	
40 05 23 43-1133	EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	110.79	30.70
		For Work In Restricted Working Space, Add	*20.46*	
40 05 23 43-1134	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	171.15	51.14
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1135	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	277.68	65.76
		For Work In Restricted Working Space, Add	*43.84*	
40 05 23 43-1136	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	368.23	78.37
		For Work In Restricted Working Space, Add	*52.25*	
40 05 23 43-1137	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	500.41	94.05
		For Work In Restricted Working Space, Add	*62.70*	
40 05 23 43-1138	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	675.07	117.57
		For Work In Restricted Working Space, Add	*78.38*	
40 05 23 43-1139	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	919.84	146.95
		For Work In Restricted Working Space, Add	*97.97*	
40 05 23 43-1140	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,147.96	167.62
		For Work In Restricted Working Space, Add	*111.75*	
40 05 23 43-1141	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,485.69	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-1142	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,920.92	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1143	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,902.44	419.86
		For Work In Restricted Working Space, Add	*279.91*	

40 05 23 43-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 43-1019)*

40 05 23 43-1145	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	43.26	14.76
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-1146	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	55.28	19.68
		For Work In Restricted Working Space, Add	*11.81*	
40 05 23 43-1147	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	65.80	24.41
		For Work In Restricted Working Space, Add	*14.65*	
40 05 23 43-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	91.74	34.55
		For Work In Restricted Working Space, Add	*20.73*	
40 05 23 43-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	100.55	38.95
		For Work In Restricted Working Space, Add	*23.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	127.06	49.47
		For Work In Restricted Working Space, Add	*29.69*	
40 05 23 43-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	192.21	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	238.99	155.62
		For Work In Restricted Working Space, Add	*58.43*	
40 05 23 43-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	305.08	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-1154 300#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 43-1019)*

40 05 23 43-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	50.66	14.76
		For Work In Restricted Working Space, Add	*8.86*	
40 05 23 43-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	60.50	19.68
		For Work In Restricted Working Space, Add	*11.81*	
40 05 23 43-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	69.95	24.41
		For Work In Restricted Working Space, Add	*14.65*	
40 05 23 43-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	103.73	34.55
		For Work In Restricted Working Space, Add	*20.73*	
40 05 23 43-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	112.54	38.95
		For Work In Restricted Working Space, Add	*23.37*	
40 05 23 43-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	137.30	49.47
		For Work In Restricted Working Space, Add	*29.69*	
40 05 23 43-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	221.40	76.25
		For Work In Restricted Working Space, Add	*45.77*	
40 05 23 43-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	265.77	155.62
		For Work In Restricted Working Space, Add	*58.43*	
40 05 23 43-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	349.51	122.02
		For Work In Restricted Working Space, Add	*73.23*	

40 05 23 43-1164 150#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 43-1019)*

40 05 23 43-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	63.41	21.86
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	67.49	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	74.98	25.51
		For Work In Restricted Working Space, Add	*17.01*	
40 05 23 43-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	87.33	27.82
		For Work In Restricted Working Space, Add	*18.55*	
40 05 23 43-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	93.65	30.66
		For Work In Restricted Working Space, Add	*20.45*	
40 05 23 43-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	103.59	34.16
		For Work In Restricted Working Space, Add	*22.78*	
40 05 23 43-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	140.21	43.68
		For Work In Restricted Working Space, Add	*29.13*	
40 05 23 43-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	158.31	51.15
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	201.97	61.29
		For Work In Restricted Working Space, Add	*40.86*	
40 05 23 43-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	283.87	76.57
		For Work In Restricted Working Space, Add	*51.05*	
40 05 23 43-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	467.44	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	660.06	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	986.50	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	1,153.08	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	1,397.42	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	1,725.58	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	2,293.64	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	3,265.29	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-1183 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 43-1019)*

40 05 23 43-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	71.69	21.86
		For Work In Restricted Working Space, Add	*14.58*	
40 05 23 43-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	74.67	23.21
		For Work In Restricted Working Space, Add	*15.47*	
40 05 23 43-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	79.78	25.51
		For Work In Restricted Working Space, Add	*17.01*	
40 05 23 43-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	96.48	27.82
		For Work In Restricted Working Space, Add	*18.55*	
40 05 23 43-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	102.80	30.66
		For Work In Restricted Working Space, Add	*20.45*	
40 05 23 43-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	113.40	34.16
		For Work In Restricted Working Space, Add	*22.78*	
40 05 23 43-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	157.43	43.68
		For Work In Restricted Working Space, Add	*29.13*	
40 05 23 43-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	177.04	51.15
		For Work In Restricted Working Space, Add	*34.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	244.65	61.29
		For Work In Restricted Working Space, Add	*40.86*	
40 05 23 43-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	364.23	76.57
		For Work In Restricted Working Space, Add	*51.05*	
40 05 23 43-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	581.13	125.95
		For Work In Restricted Working Space, Add	*83.97*	
40 05 23 43-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	816.65	167.94
		For Work In Restricted Working Space, Add	*111.96*	
40 05 23 43-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,207.56	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,564.75	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,899.41	335.26
		For Work In Restricted Working Space, Add	*223.50*	
40 05 23 43-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,416.18	419.86
		For Work In Restricted Working Space, Add	*279.91*	
40 05 23 43-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,172.51	587.82
		For Work In Restricted Working Space, Add	*391.88*	
40 05 23 43-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,600.34	839.72
		For Work In Restricted Working Space, Add	*559.82*	

40 05 23 43-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 43-1019)*

40 05 23 43-1203	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	108.52	43.73
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-1204	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	116.02	46.41
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-1205	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	127.69	51.02
		For Work In Restricted Working Space, Add	*34.02*	
40 05 23 43-1206	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	153.37	55.64
		For Work In Restricted Working Space, Add	*37.10*	
40 05 23 43-1207	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	154.82	61.34
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-1208	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	170.36	68.33
		For Work In Restricted Working Space, Add	*45.56*	
40 05 23 43-1209	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	217.49	87.37
		For Work In Restricted Working Space, Add	*58.25*	
40 05 23 43-1210	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	260.67	102.29
		For Work In Restricted Working Space, Add	*68.20*	
40 05 23 43-1211	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	323.36	122.58
		For Work In Restricted Working Space, Add	*81.72*	
40 05 23 43-1212	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	417.43	153.14
		For Work In Restricted Working Space, Add	*102.10*	
40 05 23 43-1213	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	709.66	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1214	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	970.11	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-1215	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,440.90	503.83
		For Work In Restricted Working Space, Add	*335.89*	

40 05 23 43-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 43-1019)*

40 05 23 43-1217	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	114.61	43.73
		For Work In Restricted Working Space, Add	*29.16*	
40 05 23 43-1218	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	120.58	46.41
		For Work In Restricted Working Space, Add	*30.95*	
40 05 23 43-1219	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	130.81	51.02
		For Work In Restricted Working Space, Add	*34.02*	
40 05 23 43-1220	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	152.20	55.64
		For Work In Restricted Working Space, Add	*37.10*	
40 05 23 43-1221	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	164.84	61.34
		For Work In Restricted Working Space, Add	*40.89*	
40 05 23 43-1222	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	181.66	68.33
		For Work In Restricted Working Space, Add	*45.56*	
40 05 23 43-1223	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	254.30	87.37
		For Work In Restricted Working Space, Add	*58.25*	
40 05 23 43-1224	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	289.63	102.29
		For Work In Restricted Working Space, Add	*68.20*	
40 05 23 43-1225	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	361.26	122.58
		For Work In Restricted Working Space, Add	*81.72*	
40 05 23 43-1226	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	504.34	153.14
		For Work In Restricted Working Space, Add	*102.10*	
40 05 23 43-1227	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	773.70	251.92
		For Work In Restricted Working Space, Add	*167.95*	
40 05 23 43-1228	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,159.16	335.89
		For Work In Restricted Working Space, Add	*223.93*	
40 05 23 43-1229	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,621.24	503.83
		For Work In Restricted Working Space, Add	*335.89*	

40 05 23 43-1230 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 43-1019)*

40 05 23 43-1231	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	30.77	8.74
		For Work In Restricted Working Space, Add	*5.83*	
40 05 23 43-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	33.92	9.28
		For Work In Restricted Working Space, Add	*6.19*	
40 05 23 43-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	37.93	10.20
		For Work In Restricted Working Space, Add	*6.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	43.74	11.36
		For Work In Restricted Working Space, Add	*7.57*	
40 05 23 43-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	52.62	15.34
		For Work In Restricted Working Space, Add	*10.23*	
40 05 23 43-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	62.48	17.03
		For Work In Restricted Working Space, Add	*11.36*	
40 05 23 43-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	84.63	21.90
		For Work In Restricted Working Space, Add	*14.61*	
40 05 23 43-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	107.85	30.70
		For Work In Restricted Working Space, Add	*20.46*	
40 05 23 43-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	172.46	51.14
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	234.78	65.76
		For Work In Restricted Working Space, Add	*43.84*	
40 05 23 43-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	353.63	78.37
		For Work In Restricted Working Space, Add	*52.25*	
40 05 23 43-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	451.20	94.05
		For Work In Restricted Working Space, Add	*62.70*	
40 05 23 43-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	677.69	117.57
		For Work In Restricted Working Space, Add	*78.38*	
40 05 23 43-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	816.61	146.95
		For Work In Restricted Working Space, Add	*97.97*	
40 05 23 43-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,031.79	167.62
		For Work In Restricted Working Space, Add	*111.75*	
40 05 23 43-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,231.57	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,650.86	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,396.15	419.86
		For Work In Restricted Working Space, Add	*279.91*	

40 05 23 43-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 43-1019)*

40 05 23 43-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	40.57	8.74
		For Work In Restricted Working Space, Add	*5.83*	
40 05 23 43-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	41.76	9.28
		For Work In Restricted Working Space, Add	*6.19*	
40 05 23 43-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	43.81	10.20
		For Work In Restricted Working Space, Add	*6.80*	
40 05 23 43-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	59.87	11.36
		For Work In Restricted Working Space, Add	*7.57*	
40 05 23 43-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	68.75	15.34
		For Work In Restricted Working Space, Add	*10.23*	
40 05 23 43-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	76.20	17.03
		For Work In Restricted Working Space, Add	*11.36*	
40 05 23 43-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	117.52	21.90
		For Work In Restricted Working Space, Add	*14.61*	
40 05 23 43-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	139.21	30.70
		For Work In Restricted Working Space, Add	*20.46*	
40 05 23 43-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	219.06	51.14
		For Work In Restricted Working Space, Add	*34.10*	
40 05 23 43-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	359.37	65.76
		For Work In Restricted Working Space, Add	*43.84*	
40 05 23 43-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	452.75	78.37
		For Work In Restricted Working Space, Add	*52.25*	
40 05 23 43-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	746.10	94.05
		For Work In Restricted Working Space, Add	*62.70*	
40 05 23 43-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	914.00	117.57
		For Work In Restricted Working Space, Add	*78.38*	
40 05 23 43-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,286.83	146.95
		For Work In Restricted Working Space, Add	*97.97*	
40 05 23 43-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,627.63	167.62
		For Work In Restricted Working Space, Add	*111.75*	
40 05 23 43-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,116.11	209.94
		For Work In Restricted Working Space, Add	*139.96*	
40 05 23 43-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,705.14	293.91
		For Work In Restricted Working Space, Add	*195.94*	
40 05 23 43-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,120.65	419.86
		For Work In Restricted Working Space, Add	*279.91*	

40 05 23 43-1268 Type 316 Seamless Annealed Tubing *(40 05 23 43)*

Note: For high pressure air (8000 PSIG working pressure).

40 05 23 43-1269 Type 316 Seamless Annealed Tubing *(40 05 23 43-1268)*

40 05 23 43-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	15.68
40 05 23 43-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	19.26
40 05 23 43-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	23.23

40 05 23 43-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 43-1268)*

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

40 05 23 43-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	52.84
40 05 23 43-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	55.92
40 05 23 43-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	85.75
40 05 23 43-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	48.17
40 05 23 43-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	79.55
40 05 23 43-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	60.45

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	74.42	
40 05 23 43-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	114.55	
40 05 23 43-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	72.75	
40 05 23 43-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	112.55	
40 05 23 43-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	71.73	
40 05 23 43-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	92.50	
40 05 23 43-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	152.83	
40 05 23 43-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	126.00	
40 05 23 43-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	155.38	
40 05 23 43-1289		Valves For High Pressure Air (5,000 PSIG) *(40 05 23 43-1268)*		
40 05 23 43-1290		Needle Valves *(40 05 23 43-1289)*		
40 05 23 43-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	283.88	
40 05 23 43-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	450.44	
40 05 23 43-1293		Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 43-1289)*		
40 05 23 43-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	272.03	
40 05 23 43-1295		Other Valves Working Pressure 6,000 PSI *(40 05 23 43-1289)*		
40 05 23 43-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,126.43	
40 05 23 43-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	282.93	
40 05 23 43-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	54.96	

40 05 41 Glass Process Pipe *(40 05)*

40 05 41 00-0001		Glass Pressure Pipe *(40 05 41)*		
40 05 41 00-0002		Glass Pipe, Beaded Joints *(40 05 41 00-0001)*		
40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure	31.51	12.63
		For Work In Restricted Working Space, Add	*7.58*	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure	37.80	15.16
		For Work In Restricted Working Space, Add	*9.10*	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure	43.43	16.85
		For Work In Restricted Working Space, Add	*10.11*	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure	57.67	22.75
		For Work In Restricted Working Space, Add	*13.64*	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure	70.04	26.95
		For Work In Restricted Working Space, Add	*16.17*	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure	85.36	31.16
		For Work In Restricted Working Space, Add	*18.70*	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure	116.49	42.11
		For Work In Restricted Working Space, Add	*25.27*	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure	158.95	50.53
		For Work In Restricted Working Space, Add	*30.32*	
40 05 41 00-0011		Glass 90 Degree Elbows *(40 05 41 00-0001)*		
40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	149.33	67.38
		For Work In Restricted Working Space, Add	*40.43*	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	160.35	71.60
		For Work In Restricted Working Space, Add	*42.96*	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure	174.06	75.81
		For Work In Restricted Working Space, Add	*45.48*	
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	192.40	84.23
		For Work In Restricted Working Space, Add	*50.54*	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure	217.25	92.65
		For Work In Restricted Working Space, Add	*55.60*	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure	269.86	109.50
		For Work In Restricted Working Space, Add	*65.69*	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure	306.64	117.92
		For Work In Restricted Working Space, Add	*70.74*	
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure	454.12	134.76
		For Work In Restricted Working Space, Add	*80.87*	
40 05 41 00-0020		Glass 45 Degree Elbows *(40 05 41 00-0001)*		
40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	148.74	67.38
		For Work In Restricted Working Space, Add	*40.43*	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	159.67	71.60
		For Work In Restricted Working Space, Add	*42.96*	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure	173.16	75.81
		For Work In Restricted Working Space, Add	*45.48*	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	191.45	84.23
		For Work In Restricted Working Space, Add	*50.54*	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure	215.93	92.65
		For Work In Restricted Working Space, Add	*55.58*	
40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	267.85	109.50
		For Work In Restricted Working Space, Add	*65.70*	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	303.80	117.92
		For Work In Restricted Working Space, Add	*70.74*	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	446.64	134.76
		For Work In Restricted Working Space, Add	*80.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0029		**Glass Tees** *(40 05 41 00-0001)*		
40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	227.13	101.08
		For Work In Restricted Working Space, Add	*60.66*	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	244.27	109.50
		For Work In Restricted Working Space, Add	*65.70*	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	263.74	117.92
		For Work In Restricted Working Space, Add	*70.74*	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	293.54	126.34
		For Work In Restricted Working Space, Add	*75.79*	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	325.87	138.98
		For Work In Restricted Working Space, Add	*83.39*	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	395.78	168.46
		For Work In Restricted Working Space, Add	*101.08*	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	452.38	176.79
		For Work In Restricted Working Space, Add	*106.08*	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	576.77	202.07
		For Work In Restricted Working Space, Add	*121.25*	
40 05 41 00-0038		**Glass Couplings, Vitron Liner** *(40 05 41 00-0001)*		
40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	20.95	
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	23.94	
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	27.94	
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	31.93	
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	38.41	
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	70.34	
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	84.80	
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	169.61	

END OF SECTION 40

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www.gordian.com
855.467.9444
30 Patewood Drive, Suite 350
Greenville, South Carolina 29615

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